

STORMWATER MANAGEMENT PROGRAM PLAN

TOWN OF PATTERSON

Permit No. NYR20A140



SPDES General Permit for Stormwater Discharges from
Municipal Separate Storm Sewer Systems (MS4s) Permit No.
GP-0-24-001

Effective Date: January 3, 2024
Expiration Date: January 2, 2029

March 10, 2026

Stormwater Management Program Contacts.....

Alternative Implementation Agreements.....

Minimum Control Measure 1: Public Education and Outreach Program.....

Minimum Control Measure 2: Public Involvement/Participation.....

Minimum Control Measure 3: Illicit Discharge Detection and Elimination.....

Minimum Control Measure 4: Construction Site Stormwater Runoff Control.....

Minimum Control Measure 5: Post-Construction Stormwater Management.....

Minimum Control Measure 6: Pollution Prevention and Good Housekeeping.....

LIST OF APPENDICES:

- Appendix A: Organizational Chart
- Appendix B: MS4 Map
- Appendix C: Enforcement Response Plan
- Appendix D: Monitoring Locations Inventory & Inspection Form
- Appendix E: Construction Site Inventory
- Appendix F: T.O.P. Standard Street & Parking Lot Sweeping Standard Operating Procedures
- Appendix G: Public Education Posters
- Appendix H: Catch Basin & Outfall Monitoring Locations Inventory
- Appendix I: Post Construction SMPs

TABLE OF CONTENTS

1. **BASIC SWMP INFORMATION**

2024 Electronic Notice of Intent (II.A)
Staffing Plan/Organizational Chart (IV.A.2)

Designation of SWMP Coordinator (IV.B.1.a)
Location of SWMP Plan (IV.B.2.a)

Required Components in the Comprehensive System Mapping (IV.D.1)

Enforcement Response Plan (IV.F.1)

2. **PART VI REQUIREMENTS**

Make information related to the prevention of illicit discharges available (VI.A.1.d)
Review and update focus areas, target audiences, and/or education and outreach topics (VI.A.2.c)

Public Involvement in SWMP (VI.B.1.a)(VI.B.1.b)(VI.B.2.a)(VI.B.2.b.i)
Point of Contact (VI.B.1.c)
Summarize comments received on SWMP Plan and draft annual report (VI.B.2.c.i)

Update the monitoring location inventory & prioritization (VI.C.1.c.ii)(VI.C.1.d.iii)
Phone number, email and complaint tracking procedures (VI.C.1.a.i)(VI.D.2.a)
Update names, titles, and contact information for the individuals who have received monitoring location inspection and sampling procedures training (VI.C.e.iii)(VI.C.e.iii)
Update names, titles, and contact information for the individuals who have received illicit discharge track down procedures training (VI.C.2.c)
Review and update the illicit discharge track down procedures (VI.C.2.d)
Updates names, titles, and contact information for the individuals who have received illicit discharge elimination procedures training (VI.C.3.c)
Review and update the illicit discharge elimination process (VI.C.3.d)

Establish an email or phone number for the public to report complaints related to the construction stormwater activity (VI.D.2.a)
Develop and implement a construction oversight program (VI.D.3)
Updates names, titles, and contact information for the individuals who have received construction oversight procedures training (VI.D.3.c)
Review and update the construction oversight procedures (VI.D.3.d)

Construction site inventory (VI.D.4.a) (VI.d.5)
Update the inventory of construction sites (VI.D.4.b)
Update the construction site prioritization (VI.D.5.c)
Update the names, titles, and contact information for the individuals who have received four (4) hours of Department endorsed training in proper erosion and sediment control principles from a Soil and Water Conservation District, or other Department endorsed entity, for individuals responsible for reviewing SWPPPs. (VI.D.6.d)
Inspect all sites with construction activity identified in the inventory during active construction after the pre-construction meeting, or sooner if deficiencies are noted that require attention (VI.D.8.c)
Update the names, titles, and contact information for the individuals who have received four (4) hours of Department endorsed training in proper erosion and sediment control principles from a Soil and Water Conservation District, or other Department endorsed entity, for individuals responsible for construction site inspections. (VI.D.8.d)

For MS4 Operators continuing coverage, the inventory of post-construction SMPs must 1) be maintained from previous iterations of this SPDES general permit and 2) developed as they are approved/discovered or after the owner/operator of the construction activity has filed the NOT (VI.E.2.a)

For newly designated MS4 Operators, the inventory of post-construction SMPs must be developed and maintained as they are approved/discovered or after the owner/operator of the construction activity has filed the NOT (VI.E.2.b)

Update the inventory of post-constructions SMPs (VI.E.2.c)

Develop and implement a post-construction SMP inspection and maintenance program (VI.E.4)

Update names, titles, and contact information for the individuals who have received post-construction SMP inspection and maintenance procedures training (VI.E.4.c)

Review and update the post-construction SMP inspection and maintenance procedures (VI.E.4.d)

Update names, titles, and contact information for the individuals who have received municipal facility procedures training (VI.F.2.a.iii)

Review and update the municipal facility procedures, inventory, and prioritization (VI.F.2.a.iv) (VI.F.2.b.ii) (VI.F.2.c.iii)

Procedures for sweeping streets and parking lots (VI.F.1.d.i) (VI.F.3.d.i)

Update names, titles, and contact information for the individuals who have received municipal operations procedures training (VI.F.3.a.iii)

Review and update the municipal operations procedures (VI.F.3.a.iv)

Sweep streets in business and commercially areas (VI.F.3.d.i.b)

3. **PART VII REQUIREMENTS**

Make information related to the prevention of illicit discharges available (VII.A.1.d)
Review and update the focus areas, target audiences, and/or education and outreach topics. (VII.A.2.c)

Provide an opportunity for public involvement/participation in the development and implementation of the SWMP. (VII.B.1.a)

Inform the public of the opportunity for their involvement in the development and implementation of the SWMP and how they can become involved. (VII.B.1.b)

Identify a local point of contact to receive and respond to public concerns regarding stormwater management and compliance with permit requirements.(VII.B.1.c)

Provide an opportunity for the public to review and comment on the publicly available SWMP Plan (VII.B.2.a)

Provide an opportunity for the public to review and comment on the draft annual report (VII.B.2.b.i)

Summarize comments received on SWMP Plan and draft annual report (VII.B.2.c.i)

Establish an email or phone number for the public to report illicit discharges (VII.C.1.a.i)

Update the monitoring location inventory (VII.C.1.c.ii)

Update the monitoring location prioritization (VII.C.1.d.iii)

Update names, titles, and contact information for the individuals who have received monitoring location inspection and sampling procedures training (VII.C.1.e.iii)

Review and update the monitoring location inspection and sampling procedures (VII.C.1.e.iv)

Update names, titles, and contact information for the individuals who have received illicit discharge track down procedures training (VII.C.2.c)

Review and update the illicit discharge track down procedures (VII.C.2.d)

Update names, titles, and contact information for the individuals who have received illicit discharge elimination procedures training (VII.C.3.c)

Review and update the illicit discharge elimination procedures (VII.C.3.d)

Establish an email or phone number for the public to report complaints related to construction stormwater activity (VII.D.2.a)

Develop and implement a construction oversight program (VII.D.3)

Update names, titles, and contact information for the individuals who have received construction oversight procedures training (VII.D.3.c)

Review and update the construction oversight procedures (VII.D.3.e)

Develop inventory of construction sites (VII.D.4.a)

Update the inventory of construction sites (VII.D.4.b)

Prioritize construction sites (VII.D.5.a)

Update the construction site prioritization (VII.D.5.c)

Update the names, titles, and contact information for the individuals who have received

four (4) hours of Department endorsed training in proper erosion and sediment control principles from a Soil & Water Conservation District, or other Department endorsed entity, for individuals responsible for reviewing SWPPPs. (VII.D.6.d)

Inspect all sites with construction activity identified in the inventory during active construction after the pre-construction meeting, or sooner if deficiencies are noted that require attention. (VII.D.8.c)

Update the names, titles, and contact information for the individuals who have received four (4) hours of Department endorsed training in proper erosion and sediment control principles from a Soil & Water Conservation District, or other Department endorsed entity, for individuals responsible for construction site inspections. (VII.D.8.d)

For MS4 Operators continuing coverage, the inventory of post-construction SMPs must 1) be maintained from previous iterations of this SPDES general permit and 2) developed as they are approved/discovered or after the owner/operator of the construction activity has filed the NOT (VII.E.2.a)

For newly designated MS4 Operators, the inventory of post-construction SMPs must be developed and maintained as they are approved/discovered or after the owner/operator of the construction activity has filed the NOT (VII.E.2.b)

Update the inventory of post-constructions SMPs (VII.E.2.c)

Develop and implement a post-construction SMP inspection and maintenance program. (VII.E.4)

Update names, titles, and contact information for the individuals who have received post-construction SMP inspection and maintenance procedures training (VII.E.4.c)

Review and update the post-construction SMP inspection and maintenance procedures (VII.E.4.d)

Update names, titles, and contact information for the individuals who have received municipal facility procedures training (VII.F.2.a.iii)

Review and update the municipal facility procedures (VII.F.2.a.iv)

Update the inventory of municipal facilities (VII.F.2.b.ii)

Update the municipal facility prioritization (VII.F.2.c.iii)

Update names, titles, and contact information for the individuals who have received municipal operations procedures training. (VII.F.3.a.iii)

Review and update the municipal operations procedures (VII.F.3.a.iv)

Sweep streets in business and commercially areas. (VII.F.3.d.i.b)

Develop and implement procedures for sweeping and/or cleaning municipal streets, bridges, parking lots, and right of ways. (VII.F.3.d.i)

4. PART VIII REQUIREMENTS

Make information how the impairment is being addressed by implementation of the MS4 Operator's local law or legal mechanism with content equivalent to the model local law available. (VIII.A.2.a)

Provide educational messages with information specific to phosphorus (VIII.A.2.b)

Sweep all streets located in sewersheds discharging to phosphorus impaired segments (VIII.A.7a)

Make information how the impairment is being addressed by implementation of the MS4 Operator's local law or legal mechanism with content equivalent to the model local law available (VIII.B.2.a)

Educate all individuals involved in construction activity within the sewershed boundary on the use of post-construction SMPs that are intended to collect and separate silt and sediment debris from stormwater before discharging to waters of the State (VIII.B.2.b)

Sweep all streets located in sewersheds discharging to silt/sediment impaired segments (VIII.B.7.a.)

Make information how the impairment is being addressed by implementation of the MS4 Operator's local law or legal mechanism with content equivalent to the model local law available (VIII.C.2.a)

Provide educational messages with information specific to pathogens VIII.C.2.b.

Sweep all streets located in sewersheds discharging to pathogens impaired segments (VIII.C.7.a.i)

Identify municipal facilities with nuisance bird populations that have the potential to contribute pathogens. (VIII.C.7.b.i)

Make signage available at municipal facilities with nuisance bird populations that have the potential to contribute pathogens, instructing the public not to feed wildlife. (VIII.C.7.b.ii)

Remove accumulated trash and debris from municipally owned facilities when necessary to eliminate potential food sources for wildlife. (VIII.C.7.b.iii)

Evaluate of the effectiveness of deterrents, population controls, and other measures that may reduce bird related pathogen contributions. (VIII.C.7.b.iv)

Make dog waste receptacles available in areas where pets/domestic animals may frequent(VIII.C.7.c)

Make information how the impairment is being addressed by implementation of the MS4 Operator's local law or legal mechanism with content equivalent to the model local law available (VIII.D.2.a)

Provide educational messages with information specific to nitrogen VIII.D.2.b.

Sweep all streets located in sewersheds discharging to nitrogen impaired segments (VIII.D.7.a)

Make information how the impairment is being addressed by implementation of the MS4 Operator's local law or legal mechanism with content equivalent to the model local law available. (VIII.E.2.a)

Provide educational messages with information specific to floatables VIII.E.2.b.

Sweep all streets located in sewersheds discharging to floatable impaired segments.(VIII.E.7.a.)

5. **PART IX REQUIREMENTS**

Make information how the impairment is being addressed by implementation of the MS4 Operator's local law or legal mechanism with content equivalent to the model local law available. (IX.A.2.a)

Provide educational messages with information specific to phosphorus. (IX.A.2.b)

Submit to the Department any changes made to the retrofit plan including the information in Part IX.A.6.f.i. (IX.A.6.f.ii)

Submit to the Department a retrofit plan that identifies the required components. (IX.A.6.f.i.a)

Inspect catch basins located in the TMDL watershed(s). (IX.A.7.a)

Sweep all streets located in the TMDL watershed(s). (IX.A.7.b)

Make information how the impairment is being addressed by implementation of the MS4 Operator's local law or legal mechanism with content equivalent to the model local law available. (IX.B.2.a)

Provide educational messages with information specific to phosphorus. (IX.B.2.b)

Submit to the Department a retrofit plan that identifies the required components. (IX.B.6.f.i.a)

Submit to the Department any changes made to the retrofit plan including the information in Part IX.B.6.f.i. (IX.B.6.f.ii)

Sweep all streets located in the TMDL watershed(s). (IX.B.7.a)

Make information how the impairment is being addressed by implementation of the MS4 Operator's local law or legal mechanism with content equivalent to the model local law available. (IX.D.2.a)

Provide educational messages with information specific to nitrogen. (IX.D.2.b)

Sweep all streets located in the TMDL watershed(s). (IX.D.7.a)

6. **APPENDIX**

1.0 BASIC SWMP INFORMATION

Introduction:

This Stormwater Management Program (SWMP) Plan has been developed to comply with the New York State Department of Environmental Conservation General Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4; GP-0-24-001) for Traditional Land Use Control Municipality. US Environmental Protection Agency Stormwater Phase II Rule, issued in 1999, requires MS4 owners and operators, in US Census-defined urbanized areas and in additionally designated areas, to develop a Stormwater Management Program. There are six program elements designed to reduce the discharge of pollutants to the maximum extent practicable (MEP). The program elements, referred to as Minimum Control Measures (MCMs), include the following:

- MCM 1. Public Education and Outreach
- MCM 2. Public Involvement / Participation
- MCM 3. Illicit Discharge Detection and Elimination
- MCM 4. Construction Site Runoff Control
- MCM 5. Post-Construction Stormwater Management
- MCM 6. Pollution Prevention / Good Housekeeping for Municipal Operations

1.1 2024 Electronic Notice of Intent (II.B.4)

The MS4 General Permit issued on December 13, 2023 required that any MS4 Operator meeting the eligibility requirements of the General Permit must file a new electronic Notice of Intent (eNOI) to obtain coverage under the General Permit within 45 days of the effective date of the permit, or February 27, 2024. The Town of Patterson filed their eNOI on February 14, 2024 (Submission Number HQ1-DF2K-T7W3X).

1.2 Staffing Plan/Organizational Chart (IV.A.2)

The Staffing Plan/Organizational Chart is attached as *Appendix A*.

1.3 Designation of SWMP Coordinator (IV.B.1.a)

The Town Planner is designated as the SWMP Coordinator.

Michael S. Rosaforte Jr
Town Planner
Town of Patterson
planning1@pattersonny.org

1.4 Location of SWMP Plan (IV.B.2.a)

The SWMP is located in at Patterson Town Hall, 1142 Route 311, Patterson, New York in the Planning Department.

1.5 Required Components in the Comprehensive System Mapping (IV.D.1)

The Town of Patterson's Comprehensive system mapping is updated to the new Permit regulations using ARCGIS Pro. MS4 outfalls, Interconnections, Preliminary storm-sewershed boundaries, MS4 infrastructure, and Basemap information is in compliance. GIS SWMP Map can be accessed in the Planning Department (*Appendix B*).

The Town must develop and maintain comprehensive system mapping documented in the SWMP Plan in a readily accessible format. The Town has a GIS map hosted by Westchester County, which will be made available on the County website. Mapping includes the following information:

1. MS4 outfalls
2. Interconnections (Any point of stormwater discharge from pipes, ditches, swales, or other points of concentrated flow, where the Town's MS4 is discharging to another MS4 or private storm sewer system)
3. Preliminary storm-sewershed boundaries
4. MS4 infrastructure
 1. Conveyance system
 1. Type (closed pipe or open drainage);
 2. Conveyance description for closed pipes (material, shape, dimensions);
 3. Conveyance description for open drainage (channel/ditch lining material, shape, dimensions); and
 4. Direction of flow;
 1. Culvert crossings (location and dimensions)
 2. Stormwater structures
 1. Type (drop inlet, catch basin, or manhole); and
 2. Number of connections to catch basins, and manholes
5. Basemap information
 1. Automatically and additionally designated areas
 2. Names and location of all surface waters of the State, including
 1. Waterbody classification;
 2. Waterbody Inventory/Priority Waterbodies List (WI/PWL);
 1. Impairment status; and
 2. POC, if applicable;
 1. TMDL watershed areas;

1. Land use, including: Industrial, Residential, Commercial, Open Space, and Institutional;
2. Roads; and
3. Topography; and
4. Surface streams to Putnam Lake

By January 2, 2027, the Town must update their comprehensive mapping in GIS to identify outfalls discharging to the surface waters . Additionally, in Putnam Lake and EOH storm sewersheds, sites with the potential to contribute phosphorus, plant nurseries, commercial lawn care facilities, golf courses, commercial or industrial yard waste storage areas (e.g. composting areas), and Town infrastructure with a history of issues (e.g. clogged infrastructure, I/I), must be identified.

Additionally, by January 2, 2027, the Town must update their comprehensive mapping in GIS to identify post-construction SMPs with type and ownership.

1.6 Enforcement Response Plan (IV.F.1)

The Enforcement Response Plan is attached as *Appendix C*.

NYSDEC wants an enforcement plan for illicit discharges and for construction and for post construction sites.

2.0 PART VI REQUIREMENTS

- ### 2.1 Make information related to the prevention of illicit discharges available (VI.A.1.d) Review and update focus areas, target audiences, and/or education and outreach topics (VI.A.2.c)

Posters and flyers were created and posted around Town and on the Town website, as well as teaching High School classes the importance of preventing illicit discharges in our waterways. Focus areas were around the waterbodies of concern with pollutants in streams and local lakes. Target audiences were residents, MS4 staff, commercial business owners, industrial business owners, MS4 staff, contractors, developers, and schools.

- ### 2.2 Public Involvement in SWMP (VI.B.1.a)(VI.B.1.b)(VI.B.2.a)(VI.B.2.b.i)

The Town of Patterson SWMP is made available at Patterson Town Hall (1142 Route 311, Patterson, NY) for the public to review and comment on.

- ### 2.3 Point of Contact (VI.B.1.c)

The Point of Contact for the Town of Patterson Stormwater Management Program is the

Town Planner.

- 2.4 Summarize comments received on SWMP Plan and draft annual report (VI.B.2.c.i)

The Town of Patterson SWMP Plan was made available to the public at Town Hall and no comments were received.

- 2.5 Update the monitoring location inventory & prioritization (VI.C.1.c.ii)(VI.C.1.d.iii)

Monitoring location inventory & prioritization is attached as Appendix H and Monitoring locations inspection form is attached as *Appendix D*.

- 2.6 Phone number, email and complaint tracking procedures (VI.C.1.a.i)(VI.D.2.a)

The Town of Patterson has a program to systematically detect illicit discharges to its municipal separate storm sewer system (MS4), track down the source of the illicit discharge, and eliminate it. This program is designed to manage the MS4 so it is not conveying pollutants associated with flows other than those directly attributable to stormwater runoff. The Town of Patterson Illicit Discharge Detection and Elimination Program is supported by Local Law I-3. Refer to Chapter 99 – Illicit Discharges To Storm Sewers in the Town of Patterson Town Code

845-878-6500 ext. 23

planning1@pattersonny.org

Within 30 days of an illicit discharge, each report of an illicit discharge is documented in the Town of Patterson SWMP Plan

- 2.7 Update names, titles, and contact information for the individuals who have received monitoring location inspection and sampling procedures training (VI.C.e.iii)(VI.C.e.iii)

Michael S. Rosaforte Jr

Town Planner

Town of Patterson

planning1@pattersonny.org

845-878-6500 ext.23

- 2.8 Update names, titles, and contact information for the individuals who have received illicit discharge track down procedures training (VI.C.2.c)

Michael S. Rosaforte Jr

Town Planner

Town of Patterson

planning1@pattersonny.org

845-878-6500 ext. 23

2.9 Review and update the illicit discharge track down procedures (VI.C.2.d)

Within two (2) years The Town of Patterson has an illicit discharge track down program to identify the source of illicit discharges and the responsible party.

a. The illicit discharge track down program includes the following:

i. The illicit discharge track down program is part of the Illicit Discharge Detection and Elimination Track Down Program. It includes procedures and steps to take for illicit discharge track down;

ii. Timeframes to initiate illicit discharge track down are as follows:

a) Within twenty-four (24) hours of discovery, or 72 hours of dry weather conditions, the Town of Patterson will initiate track down procedures for flowing MS4 monitoring locations with obvious illicit discharges;

b) Within two (2) hours of discovery, the Town of Patterson will initiate track down procedures for obvious illicit discharges of sanitary wastewater that would affect bathing areas during bathing season, shell fishing areas or public water intakes and report orally or electronically to the NYSDEC Regional Water Engineer and local health department; and

c) Within five (5) days of discovery, or 72 hours of dry weather conditions, the Town of Patterson will initiate track down procedures for suspect illicit discharges.

b. The Stormwater program coordinator annually attends an employee training program through the WNY Stormwater Management Training Series addressing Illicit Discharge Detection and Elimination procedures. This training includes source track down.

Requirements pertaining to employee training for existing staff, new staff and updates to the illicit discharge source track down procedures are identical.

c. The names, titles, and contact information for the individuals who have received illicit discharge track down procedures training is updated annually; and

Michael S. Rosaforte Jr

Town Planner

Town of Patterson

planning1@pattersonny.org

845-878-6500 ext. 23

d. Annually, by April 1, the Town of Patterson reviews and updates its illicit discharge track down procedures.

2.10 Updates names, titles, and contact information for the individuals who have received illicit discharge elimination procedures training (VI.C.3.c)

Michael S. Rosaforte Jr
Town Planner
Town of Patterson
planning1@pattersonny.org
845-878-6500 ext. 23

2.11 Review and update the illicit discharge elimination process (VI.C.3.d)

Within two (2) years The Town of Patterson has an illicit discharge elimination program. Once an illicit discharge is track downed and a source identified, steps are taken to eliminate the source/discharge. As noted previously, the Town of Patterson Illicit Discharge Detection and Elimination Program is supported by Local Law I-3. Refer to Chapter 99 – Illicit Discharges To Storm Sewers in the Town of Patterson Town Code.

- Although not included in this SWMP Plan, documentation of enforcement measures to eliminate illicit discharges is available upon request by contacting the Stormwater Program Coordinator or Stormwater Management Officer.

- a. The illicit discharge elimination procedures including
 - i. Provisions for escalating enforcement and tracking enforcement actions are in the Town of Patterson Enforcement Response Plan detailed in Appendix C;
 - ii. To confirm the corrective actions have been taken, the monitoring location will be inspected, and sampled if flowing, within 30 days of receiving notice that the source of contamination has been eliminated;
 - iii. Steps taken for illicit discharge elimination procedures; and
 - iv. Timeframes for illicit discharge elimination are as follows:
 - Within twenty-four (24) hours of identification of an illicit discharge that has a reasonable likelihood of adversely affecting human health or the environment, the Town of Patterson will eliminate the illicit discharge;
 - Within five (5) days of identification of an illicit discharge that does not have a reasonable likelihood of adversely affecting human health or the environment, the Town of Patterson will eliminate the illicit discharge; and
 - Where elimination of an illicit discharge within the specified timeframes above is not possible, the Town of Patterson will notify the NYSDEC Regional Water Engineer.
- b. As noted above, the Stormwater program coordinator annually attends an employee training program through the WNY Stormwater Management Training Series addressing Illicit Discharge Detection and Elimination procedures. This training includes source track down. Requirements pertaining to employee training for existing staff, new staff and updates to the illicit discharge source track down procedures are identical.
- c. The names, titles, and contact information for the individuals who have received illicit

discharge elimination procedures training is updated annually; and

d. Annually, by April 1, the Town of Patterson reviews and updates the illicit discharge elimination procedures.

- 2.12 Establish an email or phone number for the public to report complaints related to the construction stormwater activity (VI.D.2.a)

Michael S. Rosaforte Jr

Town Planner

Town of Patterson

planning1@pattersonny.org

845-878-6500 ext. 23

- 2.13 Develop and implement a construction oversight program (VI.D.3)

The Town of Patterson has a program to ensure construction sites subject to the NYSDEC General Permit for Stormwater Discharges from Construction Activity (CGP) are effectively controlled. This program is designed to prevent pollution from construction related activities, as well as ensure for proper planning and installation of post-construction SMPs. The Town of Patterson Construction Site Stormwater Runoff Control Program is supported by Local Law I-3. Refer to Chapter 133 – Stormwater, Soil Erosion, and Sediment control. Chapter 138 – Subdivision of Land, and Chapter 154 – Zoning in the Town of Patterson Town Code.

- 2.14 Updates names, titles, and contact information for the individuals who have received construction oversight procedures training (VI.D.3.c)

Michael S. Rosaforte Jr

Town Planner

Town of Patterson

planning1@pattersonny.org

845-878-6500 ext. 23

- 2.15 Review and update the construction oversight procedures (VI.D.3.d)

Within one (1) year of the EDC

The Town of Patterson has a construction oversight program. It is important to note that the program encompasses the entire municipality.

a. Construction oversight procedures in the Town of Patterson are as follows:

- i. The construction site stormwater control program applies to all construction sites that are subject to the NYSDEC General Permit for Stormwater Discharges from Construction Activity (GP-0-20-001);
- ii. As per the NYSDEC General Permit for Stormwater Discharges from

- Construction Activity (GP-0-20-001), construction activities that require a Stormwater Pollution Prevention Plan (SWPPP);
- iii. Procedures for submitting SWPPPs to the Town of Patterson are as follows:
 - a. When Application is made to the Town for a Site Plan or Subdivision, the Applicant comes before the Town Planning Board. During project review, inquiry is made regarding anticipated area of disturbance. If area of disturbance is equal to or greater than 1-acre, the Applicant is advised that compliance with the State Pollutant Discharge Elimination System (SPDES) General Permit for Stormwater Discharges from Construction Activity (GP-0-20-001 or current version) is required and is also informed about the Town's detention requirements. A Stormwater Pollution Prevention Plan (SWPPP) is required for compliance with the General Permit.
 - b. As the Site Plan or Subdivision is reviewed by the Planning Board, the SWPPP is reviewed by the Town Engineer. An MS4 Acceptance Form is issued upon completion of Engineering Review.
 - iv. The Town of Patterson reviews Stormwater Pollution Prevention Plans (SWPPPs) for all CGP-regulated constructed projects for conformance with NYS standards;
 - v. Prior to commencement of CGP-regulated construction activity, the Town of Patterson requires a pre-construction meeting;
 - vi. The Town of Patterson inspects CGP-regulated construction sites to ensure compliance with the conditions of the CGP and is authorized to escalate enforcement actions as is necessary by Local Law I-3. Refer to Chapter 133 – Stormwater, Soil Erosion, and Sediment control. Chapter 138 – Subdivision of Land, and Chapter 154 – Zoning in the Town of Patterson Town Code.
 - vii. All CGP-regulated construction projects in the Town of Patterson are subject to construction site close-out requirements in conformance with the CGP;
 - viii. The Town of Patterson follows an enforcement process that includes expectations for compliance for CGP-regulated construction sites that fail to comply with the conditions of the CGP and their SWPPP. See Appendix B for the Enforcement Response Plan. For information on enforcement actions pertaining to specific construction sites in the Town of Patterson contact:

Name: Michael S. Rosaforte Jr
Title: Stormwater Management Officer
Phone: 845-878-6500 ext. 23
Email: planning1@pattersonny.org

- ix. Although not included in this SWMP Plan, documentation of enforcement measures addressing non-compliance with the Construction General Permit (GP-0-20-001) is available upon request by contacting the Stormwater Program Coordinator or Stormwater Management Officer.
- x. Other procedures associated with the control of stormwater runoff from

applicable construction activities. Not Applicable

b. The Town of Patterson involved employees have taken courses through Western NY Stormwater Coalition, has an employee training program addressing its Construction Site Stormwater Runoff Control Program. This training engages employees in a classroom setting, and as appropriate, a SWPPP compliance inspection at a construction site.

- i) All new staff that are charged with conducting any construction oversight activities will receive training on procedures prior to doing so;
- ii) All existing staff, that are charged with conducting any construction oversight activities will receive training on procedures prior to doing so, and, once every five (5) years, thereafter; and
- iii) If the construction oversight procedures are updated, all staff will receive training on the updates prior to conducting construction oversight.

c. The names, titles, and contact information for the individuals who have received construction oversight training are updated annually;

Name: Michael S. Rosaforte Jr
Title: Stormwater Management Officer
Phone: 845-878-6500 ext. 23
Email: planning1@pattersonny.org

Name: Richard Williams Sr
Title: Town Supervisor
Phone: 845-878-6500
Email: planning@pattersonny.org

d. All individuals involved in construction activity in the Town of Patterson (e.g., contractor, subcontractor, qualified inspector, SWPPP reviewers) will be certified and maintain four (4) hours of NYSDEC endorsed training in proper erosion and sediment control principles by attending the NYSDEC 4-Hour Erosion and Sediment Control Training. This training is offered by Soil and Water Conservation Districts across the state.

- i) Individuals responsible for reviewing SWPPPs on behalf of the Town of Patterson will maintain certification.
- ii) In conformance with the NYS CGP, contractors, subcontractors and qualified inspectors will maintain certification throughout the project. Contractors and subcontractors will include a current copy of their NYS certification in the on-site SWPPP.

e. Annually, by April 1, the Town of Patterson reviews and updates its construction oversight procedures.

2.16 Construction site inventory (VI.D.4.a) (VI.d.5)

The Town of Patterson maintains an inventory of CGP-regulated construction sites that encompasses the entire municipality, within and beyond the MS4 regulated area. Although not included as an appendix, the inventory is considered part of the Town of Patterson SWMP Plan.

Attached as *Appendix E*.

- 2.17 Update the inventory of construction sites (VI.D.4.b)

Attached as *Appendix E*.

- 2.18 Update the construction site prioritization (VI.D.5.c)

All CGP-regulated construction sites are prioritized within thirty (30) days of becoming active; and annually, after the initial prioritization, the Town of Patterson updates the construction site prioritization in the inventory based on information gathered as part of the construction oversight.

i. If the prioritization of the construction site changes priority based on information gathered as part of the construction oversight program, the MS4 Operator must comply with the requirements that apply to that prioritization.

- 2.19 Update the names, titles, and contact information for the individuals who have received four (4) hours of Department endorsed training in proper erosion and sediment control principles from a Soil and Water Conservation District, or other Department endorsed entity, for individuals responsible for reviewing SWPPPs. (VI.D.6.d)

Richard Renna

Renna Engineering Design PLLC
6 Dover Village Plaza, Suite 5

- 2.20 Inspect all sites with construction activity identified in the inventory during active construction after the pre-construction meeting, or sooner if deficiencies are noted that require attention (VI.D.8.c)

- 2.21 Update the names, titles, and contact information for the individuals who have received four (4) hours of Department endorsed training in proper erosion and sediment control principles from a Soil and Water Conservation District, or other Department endorsed entity, for individuals responsible for construction site inspections. (VI.D.8.d)

Michael S. Rosaforte Jr

Town Planner
Town of Patterson
planning1@pattersonny.org

- 2.22 For MS4 Operators continuing coverage, the inventory of post-construction SMPs must 1) be maintained from previous iterations of this SPDES general permit and 2) developed as they are approved/discovered or after the owner/operator of the construction activity has filed the NOT (VI.E.2.a)

All compliance items are kept on file in the Town of Patterson Town Hall, Planning & Zoning Department.

- 2.23 For newly designated MS4 Operators, the inventory of post-construction SMPs must be developed and maintained as they are approved/discovered or after the owner/operator of the construction activity has filed the NOT (VI.E.2.b)

See attached as Appendix I.

- 2.24 Update the inventory of post-constructions SMPs (VI.E.2.c)

See attached as Appendix I.

- 2.25 Develop and implement a post-construction SMP inspection and maintenance program (VI.E.4)

Within one (1) year

The Town of Patterson has an inspection and maintenance program for publicly owned/operated and privately owned/operated post-construction SMPs. Refer to Chapter 133 – Stormwater, Soil Erosion, and Sediment control for practices

- a. The post-construction SMP inspection and maintenance procedures are as follows:
- i. All post-construction SMPs identified in the inventory are inspected at the frequency specified in the NYSDEC Maintenance Guidance 2017 or as specified in the O&M plan contained in the approved SWPPP, if available;
 - ii. The Post-Construction SMP Inspection Checklist in the NYSDEC Maintenance Guidance or an equivalent form containing the same information must be used to document post-construction SMP inspections. The Town of Patterson will only accept Level 1 inspections (NYS DEC Maintenance Guidance 2017) by private owners inspecting post-construction SMPs. Level 2 and Level 3 inspections must be performed by qualified individuals as indicated in the checklist document.

The completed Post-Construction SMP Inspection Checklists are considered part of this SWMP Plan and are available as follows:

- Upon request: contact Stormwater Program Coordinator or Stormwater Management Officer
- iii. Upon receipt of a completed inspection checklist, the Town of Patterson will inform the owner that follow-up actions indicated on the checklist (i.e. maintenance, repair, or higher level inspection) must occur within thirty (30) days of the post-construction SMP inspection; and
- iv. The Town of Patterson will initiate enforcement within sixty (60) days of the inspection if follow-up actions are not complete. See *Appendix C* Enforcement Response Plan for course of action.
- v. Although not included in this SWMP Plan, documentation of enforcement

measures pertaining to inspection and maintenance of post-construction stormwater management practices is available upon request by contacting the Stormwater Program Coordinator or Stormwater Management Officer.

b. The Town of Patterson has been trained in addressing its post-construction SMP inspection and maintenance procedures. The training utilizes the NYSDEC Maintenance Guidance and includes a classroom setting, followed by a post-construction SMP inspection.

- i) All new staff that are charged with conducting post-construction SMP inspection and maintenance activities will receive training on procedures prior to doing so;
- ii) All existing staff, that are charged with conducting any post-construction SMP inspection and maintenance activities will receive training on procedures prior to doing so, and, once every five (5) years, thereafter; and
- iii) If the post-construction SMP inspection and maintenance procedures are updated, all staff will receive training on the updates prior to conducting post-construction SMP inspection and maintenance.
- iv) All inspectors will meet minimum qualifications for Level 1, 2, 3 inspections as per the NYSDEC Maintenance Guidance document (2017).

c. The names, titles, and contact information for the individuals who have received post construction SMP inspection and maintenance procedures training are updated annually;

d. Annually, by April 1, the Town of Patterson reviews and updates its post-construction SMP inspection and maintenance procedures.

2.26 Update names, titles, and contact information for the individuals who have received post-construction SMP inspection and maintenance procedures training (VI.E.4.c)

Michael S. Rosaforte Jr

Town Planner

Town of Patterson

planning1@pattersonny.org

2.27 Review and update the post-construction SMP inspection and maintenance procedures (VI.E.4.d)

See Section 2.25 above for updates with procedures.

2.28 Update names, titles, and contact information for the individuals who have received municipal facility procedures training (VI.F.2.a.iii)

Michael S. Rosaforte Jr

Town Planner

Town of Patterson

planning1@pattersonny.org

- 2.29 Review and update the municipal facility procedures, inventory, and prioritization (VI.F.2.a.iv) (VI.F.2.b.ii) (VI.F.2.c.iii)

Within three (3) years

The Town of Patterson has a municipal facility program that includes BMPs to minimize stormwater pollution from municipal operations, differentiation of BMPs applicable to high or low priority facilities, and employee training. The municipal facility program is documented for this SWMP Plan as follows:

i. Municipal facility procedures:

- a) All BMPs incorporated into the municipal facility program;
- b) High priority municipal facility requirements, that are specific to municipal operations occurring at each high priority facility; and
- c) Low priority municipal facility requirements that are specific to municipal operations occurring at each low priority facility.

ii. The Town of Patterson has trained employees addressing its municipal facility procedures. This training addresses on-site facility operations and is conducted concurrently with municipal operations procedures.

- a) All new staff that are charged with conducting municipal facility procedures/BMPs will receive training on procedures prior to doing so;
- b) All existing staff, that are charged with conducting any municipal facility procedures/BMPs will receive training on procedures prior to doing so, and, once every five (5) years, thereafter; and
- c) If the municipal facility procedures/BMPs are updated, all staff will receive training on the updates prior to conducting municipal facility procedures.

iii. The names, titles, and contact information for the individuals who have received municipal facility procedures training are updated annually;

iv. Annually, by April 1, the Town of Patterson reviews and updates its municipal facility procedures.

- 2.30 Procedures for sweeping streets and parking lots (VI.F.1.d.i) (VI.F.3.d.i)

See Appendix F.

- 2.31 Update names, titles, and contact information for the individuals who have received municipal operations procedures training (VI.F.3.a.iii)

Michael S. Rosaforte Jr

Town Planner

Town of Patterson

planning1@pattersonny.org

2.32 Review and update the municipal operations procedures (VI.F.3.a.iv)

2.33 Sweep streets in business and commercially areas (VI.F.3.d.i.b)

See Appendix F.

3.0 PART VII REQUIREMENTS

3.1 Make information related to the prevention of illicit discharges available (VII.A.1.d)

The Town of Patterson SWMP Plan is available on the Town of Patterson website, along with stormwater pollution prevention posters.

3.2 Review and update the focus areas, target audiences, and/or education and outreach topics. (VII.A.2.c)

3.3 Provide an opportunity for public involvement/participation in the development and implementation of the SWMP. (VII.B.1.a)

3.4 Inform the public of the opportunity for their involvement in the development and implementation of the SWMP and how they can become involved. (VII.B.1.b)

3.5 Identify a local point of contact to receive and respond to public concerns regarding stormwater management and compliance with permit requirements.(VII.B.1.c)

Michael S. Rosaforte Jr

Town Planner

Town of Patterson

planning1@pattersonny.org

845-878-6500 ext.23

3.6 Provide an opportunity for the public to review and comment on the publicly available

SWMP Plan (VII.B.2.a)

3.7 Provide an opportunity for the public to review and comment on the draft annual report (VII.B.2.b.i)

3.8 Summarize comments received on SWMP Plan and draft annual report (VII.B.2.c.i)

3.9 Establish an email or phone number for the public to report illicit discharges (VII.C.1.a.i)

planning1@pattersonny.org
845-878-6500 ext.23

3.10 Update the monitoring location inventory (VII.C.1.c.ii)

3.11 Update the monitoring location prioritization (VII.C.1.d.iii)

3.12 Update names, titles, and contact information for the individuals who have received monitoring location inspection and sampling procedures training (VII.C.1.e.iii)

Michael S. Rosaforte Jr
Town Planner
Town of Patterson
planning1@pattersonny.org

3.13 Review and update the monitoring location inspection and sampling procedures (VII.C.1.e.iv)

3.14 Update names, titles, and contact information for the individuals who have received illicit discharge track down procedures training (VII.C.2.c)

Michael S. Rosaforte Jr
Town Planner
Town of Patterson
planning1@pattersonny.org

3.15 Review and update the illicit discharge track down procedures (VII.C.2.d)

3.16 Update names, titles, and contact information for the individuals who have received illicit discharge elimination procedures training (VII.C.3.c)

Michael S. Rosaforte Jr

Town Planner

Town of Patterson

planning1@pattersonny.org

3.17 Review and update the illicit discharge elimination procedures (VII.C.3.d)

3.18 Establish an email or phone number for the public to report complaints related to construction stormwater activity (VII.D.2.a)

Michael S. Rosaforte Jr

Town Planner

Town of Patterson

planning1@pattersonny.org

3.19 Develop and implement a construction oversight program (VII.D.3)

3.20 Update names, titles, and contact information for the individuals who have received construction oversight procedures training (VII.D.3.c)

Richard Renna

Renna Engineering Design PLLC

6 Dover Village Plaza, Suite 5

3.21 Review and update the construction oversight procedures (VII.D.3.e)

3.22 Develop inventory of construction sites (VII.D.4.a)

- 3.23 Update the inventory of construction sites (VII.D.4.b)

Attached as Appendix E.

- 3.24 Prioritize construction sites (VII.D.5.a)

Attached as Appendix E.

- 3.25 Update the construction site prioritization (VII.D.5.c)

Attached as Appendix E.

- 3.26 Update the names, titles, and contact information for the individuals who have received four (4) hours of Department endorsed training in proper erosion and sediment control principles from a Soil & Water Conservation District, or other Department endorsed entity, for individuals responsible for reviewing SWPPPs. (VII.D.6.d)

Michael S. Rosaforte Jr

Town Planner

Town of Patterson

planning1@pattersonny.org

Richard Renna

Renna Engineering Design PLLC

6 Dover Village Plaza, Suite 5

- 3.27 Inspect all sites with construction activity identified in the inventory during active construction after the pre-construction meeting, or sooner if deficiencies are noted that require attention. (VII.D.8.c)

- 3.28 Update the names, titles, and contact information for the individuals who have received four (4) hours of Department endorsed training in proper erosion and sediment control principles from a Soil & Water Conservation District, or other Department endorsed entity, for individuals responsible for construction site inspections. (VII.D.8.d)

Michael S. Rosaforte Jr

Town Planner

Town of Patterson

planning1@pattersonny.org

Richard Rennia

Rennia Engineering Design PLLC
6 Dover Village Plaza, Suite 5

- 3.29 For MS4 Operators continuing coverage, the inventory of post-construction SMPs must 1) be maintained from previous iterations of this SPDES general permit and 2) developed as they are approved/discovered or after the owner/operator of the construction activity has filed the NOT (VII.E.2.a)

- 3.30 For newly designated MS4 Operators, the inventory of post-construction SMPs must be developed and maintained as they are approved/discovered or after the owner/operator of the construction activity has filed the NOT (VII.E.2.b)

- 3.31 Update the inventory of post-constructions SMPs (VII.E.2.c)

- 3.32 Develop and implement a post-construction SMP inspection and maintenance program. (VII.E.4)

- 3.33 Update names, titles, and contact information for the individuals who have received post-construction SMP inspection and maintenance procedures training (VII.E.4.c)

Michael S. Rosaforte Jr

Town Planner
Town of Patterson
planning1@pattersonny.org

Richard Rennia

Rennia Engineering Design PLLC
6 Dover Village Plaza, Suite 5

- 3.34 Review and update the post-construction SMP inspection and maintenance procedures (VII.E.4.d)

- 3.35 Update names, titles, and contact information for the individuals who have received municipal facility procedures training (VII.F.2.a.iii)

Michael S. Rosaforte Jr

Town Planner

Town of Patterson

planning1@pattersonny.org

- 3.36 Review and update the municipal facility procedures (VII.F.2.a.iv)

- 3.37 Update the inventory of municipal facilities (VII.F.2.b.ii)

- 3.38 Update the municipal facility prioritization (VII.F.2.c.iii)

- 3.39 Update names, titles, and contact information for the individuals who have received municipal operations procedures training. (VII.F.3.a.iii)

Michael S. Rosaforte Jr

Town Planner

Town of Patterson

planning1@pattersonny.org

- 3.40 Review and update the municipal operations procedures (VII.F.3.a.iv)

- 3.41 Sweep streets in business and commercially areas. (VII.F.3.d.i.b)

All streets located in the Town of Patterson are swept annually. *See Appendix F.*

- 3.42 Develop and implement procedures for sweeping and/or cleaning municipal streets, bridges, parking lots, and right of ways. (VII.F.3.d.i)

See Appendix F.

4.0 PART VIII REQUIREMENTS

- 4.1 Make information how the impairment is being addressed by implementation of the MS4

Operator's local law or legal mechanism with content equivalent to the model local law available. (VIII.A.2.a)

Town of Patterson Illicit Discharge Detection and Elimination Program is supported by Local Law I-3. Refer to Chapter 99 – Illicit Discharges To Storm Sewers in the Town of Patterson Town Code. Available on the Town of Patterson website.

- 4.2 Provide educational messages with information specific to phosphorus (VIII.A.2.b)

Stormwater pollution prevention posters were created addressing the concerns of phosphorus in local waterways. See *Appendix G*.

- 4.3 Sweep all streets located in sewersheds discharging to phosphorus impaired segments (VIII.A.7a)

All streets located in the Town of Patterson are swept annually. See *Appendix F*.

- 4.4 Make information how the impairment is being addressed by implementation of the MS4 Operator's local law or legal mechanism with content equivalent to the model local law available (VIII.B.2.a)

Town of Patterson Illicit Discharge Detection and Elimination Program is supported by Local Law I-3. Refer to Chapter 99 – Illicit Discharges To Storm Sewers in the Town of Patterson Town Code. Available on the Town of Patterson website.

- 4.5 Educate all individuals involved in construction activity within the sewershed boundary on the use of post-construction SMPs that are intended to collect and separate silt and sediment debris from stormwater before discharging to waters of the State (VIII.B.2.b)

Town of Patterson Illicit Discharge Detection and Elimination Program is supported by Local Law I-3. Refer to Chapter 99 – Illicit Discharges To Storm Sewers in the Town of Patterson Town Code. Available on the Town of Patterson website.

- 4.6 Sweep all streets located in sewersheds discharging to silt/sediment impaired segments (VIII.B.7.a.)

All streets located in the Town of Patterson are swept annually. See *Appendix F*.

- 4.7 Make information how the impairment is being addressed by implementation of the MS4 Operator's local law or legal mechanism with content equivalent to the model local law available (VIII.C.2.a)

Town of Patterson Illicit Discharge Detection and Elimination Program is supported by

Local Law I-3. Refer to Chapter 99 – Illicit Discharges To Storm Sewers in the Town of Patterson Town Code. Available on the Town of Patterson website.

- 4.8 Provide educational messages with information specific to pathogens (VIII.C.2.b)

See Appendix G.

- 4.9 Sweep all streets located in sewersheds discharging to pathogens impaired segments (VIII.C.7.a.i)

All streets located in the Town of Patterson are swept annually. *See Appendix F.*

- 4.10 Identify municipal facilities with nuisance bird populations that have the potential to contribute pathogens. (VIII.C.7.b.i)

- 4.11 Make signage available at municipal facilities with nuisance bird populations that have the potential to contribute pathogens, instructing the public not to feed wildlife. (VIII.C.7.b.ii)

- 4.12 Remove accumulated trash and debris from municipally owned facilities when necessary to eliminate potential food sources for wildlife. (VIII.C.7.b.iii)

- 4.13 Evaluate of the effectiveness of deterrents, population controls, and other measures that may reduce bird related pathogen contributions. (VIII.C.7.b.iv)

- 4.14 Make dog waste receptacles available in areas where pets/domestic animals may frequent(VIII.C.7.c)

- 4.15 Make information how the impairment is being addressed by implementation of the MS4 Operator’s local law or legal mechanism with content equivalent to the model local law available (VIII.D.2.a)

Town of Patterson Illicit Discharge Detection and Elimination Program is supported by Local Law I-3. Refer to Chapter 99 – Illicit Discharges To Storm Sewers in the Town of Patterson Town Code. Available on the Town of Patterson website.

- 4.16 Provide educational messages with information specific to nitrogen (VIII.D.2.b)

See Appendix G.

- 4.17 Sweep all streets located in sewersheds discharging to nitrogen impaired segments (VIII.D.7.a)

All streets located in the Town of Patterson are swept annually. *See Appendix F.*

- 4.18 Make information how the impairment is being addressed by implementation of the MS4 Operator's local law or legal mechanism with content equivalent to the model local law available. (VIII.E.2.a)

Town of Patterson Illicit Discharge Detection and Elimination Program is supported by Local Law I-3. Refer to Chapter 99 – Illicit Discharges To Storm Sewers in the Town of Patterson Town Code. Available on the Town of Patterson website.

- 4.19 Provide educational messages with information specific to floatables (VIII.E.2.b)

See Appendix G.

- 4.20 Sweep all streets located in sewersheds discharging to floatable impaired segments.(VIII.E.7.a.)

All streets located in the Town of Patterson are swept annually. *See Appendix F.*

5.0 PART IX REQUIREMENTS

- 5.1 Make information how the impairment is being addressed by implementation of the MS4 Operator's local law or legal mechanism with content equivalent to the model local law available. (IX.A.2.a)

Town of Patterson Illicit Discharge Detection and Elimination Program is supported by Local Law I-3. Refer to Chapter 99 – Illicit Discharges To Storm Sewers in the Town of Patterson Town Code. Available on the Town of Patterson website.

- 5.2 Provide educational messages with information specific to phosphorus. (IX.A.2.b)

See Appendix G.

- 5.3 Submit to the Department any changes made to the retrofit plan including the information in Part (IX.A.6.f.i.) (IX.A.6.f.ii)

- 5.4 Submit to the Department a retrofit plan that identifies the required components. (IX.A.6.f.i.a)

- 5.5 Inspect catch basins located in the TMDL watershed(s). (IX.A.7.a)

Town of Patterson owned catch basins are inspected twice a year.

- 5.6 Sweep all streets located in the TMDL watershed(s). (IX.A.7.b)

All streets located in the Town of Patterson are swept annually. *See Appendix F.*

- 5.7 Make information how the impairment is being addressed by implementation of the MS4 Operator's local law or legal mechanism with content equivalent to the model local law available. (IX.B.2.a)

Town of Patterson Illicit Discharge Detection and Elimination Program is supported by Local Law I-3. Refer to Chapter 99 – Illicit Discharges To Storm Sewers in the Town of Patterson Town Code. Available on the Town of Patterson website.

- 5.8 Provide educational messages with information specific to phosphorus. (IX.B.2.b)

See Appendix G.

- 5.9 Submit to the Department a retrofit plan that identifies the required components. (IX.B.6.f.i.a)

- 5.10 Submit to the Department any changes made to the retrofit plan including the information in Part (IX.B.6.f.i.) (IX.B.6.f.ii)

- 5.11 Sweep all streets located in the TMDL watershed(s). (IX.B.7.a)

All streets located in the Town of Patterson are swept annually. *See Appendix F.*

- 5.12 Make information how the impairment is being addressed by implementation of the MS4 Operator's local law or legal mechanism with content equivalent to the model local law available. (IX.D.2.a)

Town of Patterson Illicit Discharge Detection and Elimination Program is supported by Local Law I-3. Refer to Chapter 99 – Illicit Discharges To Storm Sewers in the Town of

Patterson Town Code. Available on the Town of Patterson website.

5.13 Provide educational messages with information specific to nitrogen. (IX.D.2.b)

See Appendix G.

5.14 Sweep all streets located in the TMDL watershed(s). (IX.D.7.a)

All streets located in the Town of Patterson are swept annually. *See Appendix F.*

6.0 APPENDIX

6.1 Appendix A

6.2 Appendix B

6.3 Appendix C

6.4 Appendix D

6.5 Appendix E

6.6 Appendix F

6.7 Appendix G



**Town of Patterson - Municipal Separate Storm Sewer System (MS4)
★ Stormwater Management Program Organizational & MCM Flow Chart ★**

Town Supervisor & Stormwater Management Program Coordinator: Richard Williams Sr.

- **MCM 1:** Ensures department heads are assisting with MCM 1 plan implementation.
- **MCM 2:**
 - Approves Annual Report as Signatory
 - Provides Oversight of the MS4 Program

Town Board:
Richard Williams Sr. | Shawn Rogan | Peter Muentener | Stacy Dumont
| Gwen K. Dougherty

- **MCM 2:**
 - Approves Annual Report at Public Meeting.
 - Assists in the Oversight of the MS4 Program.
 - Reviews/authorizes program budget.

<p>Stormwater Management Officer/Coordinator: Michael S. Rosaforte Jr <i>Town Planner</i></p>	<p>Town Supervisor & Stormwater Management Program Coordinator: Richard Williams Sr.</p>
--	---

Maintains the Stormwater Management Program Plan by:

- Reporting to the Town Board on:
 - The Annual SWMP Report;
 - SWMP Plan Goals;
 - SWMP Plan MCM implementation and progress made.
- **MCM 1:**
 - Coordinates Website Updates.
 - Posting MS4 Educational Materials.
 - Posts Draft and Final Annual Reports.
 - Maintains the Program Org. Chart.
 - Obtains & Distributes New Materials.
- **MCM 2:**
 - Maintaining Program Record Information & Documentation
 - Reviewing & Updating the Program Plan
 - Receives public comments
 - Presentation of the Draft Annual Report to Town Board & Public
- **MCM 3:**
 - Follows up on IDDE incident reports.
- **MCM 4:**
 - Monitors Construction SWPPP Performance & Reporting.
 - Enforces SWPPP Performance.
 - MS4 SWPPP Acceptance.
 - MS4 Notice of Termination.
- **MCM 5:**
 - Coordinates Annual Facility Inspections.
 - Maintains Facilities O&M/Plans.
 - Enforces SMP Facility Performance.
- **MCM 6:**
 - Training for department heads.
 - Ensures facility self-assessments are conducted.

Town Engineer:
Rennia Engineering Design, PLLC

Provides Technical Review & Assistance to the SWMP Coordinator / SMO by assisting with:

- MS4 Documentation as provided by the following Departments:
 - Planning, Highway, Building and Parks & Recreation.
- **MCM 2:**
 - Annual Reporting.
 - Recording & Organization of MS4 Information for Annual Reporting.
 - Tracking Progress Made.
 - Program Plan Updates & Review of Goals, BMPs & Implementation of the Plan.
- **MCM 3:**
 - Updating IDDE Outfall and Tracking Mapping.
 - Outfall Reconnaissance Inventory & Inspection.
 - IDDE Reporting and Recommendations for Action.
- **MCM 4:**
 - Providing SWPPP and Deed Covenant Reviews.
 - Providing SWPPP Construction Site Monthly Inspections, Reports to SMO with Recommendations for Action.
- **MCM 5:**
 - Annual Facility Inspections and notices of results to SMO.
- **MCM 6:**
 - Receives various records from SMO for preparation of Annual Report
 - Reviews self-assessments.

Highway Department:
Edward Foster Jr.
Superintendent of Highways

Provides Implementation and Oversight for the following:

- **MCM 3:**
 - Collection of Garbage from Roadside.
 - Illicit Discharge Response and Resolution.
 - Clean up & Signage Postings In Response to Illegal Dumping.
- **MCM 6:**
 - Highway Facilities Self Audits.
 - Staff Training.
 - Catch Basin Cleaning.
 - Animal Carcass Removal & Disposal.
 - Road & Parking Lot Sweeping.
 - Record Keeping.
 - Vehicle Maintenance.
- **Assisted by:**
 - Highway Department Laborers.
 - Staff

Code Enforcement:
Bob McCarthy
Code Enforcement Officer
Michael Rosaforte Jr
Town Planner

Provides Implementation and Oversight for the following:

- **MCM 1:**
 - Distribution of Education Literature.
 - Tracks Literature Quantities, Dates and Titles of Information.
- **MCM 4:**
 - Enforcement of Stormwater Local Law.
 - Receives stormwater complaints/reports of soil disturbance
- **MCM 5:**
 - Receives Stormwater related complaints, tracks the complaints, refers complaints to the Stormwater Management Officer.
- **MCM 6:**
 - Provides Staff Training.
- **Assisted by:**
 - Staff.

Parks & Recreation:
Michael S. Rosaforte Jr
Town Planner

Responsible for Parks Facilities Operations and Maintenance:

- **MCM 1:**
 - Distribution of Education Literature.
 - Tracks Literature Quantities, Dates and Titles of Information.
- **MCM 2:**
 - Organizes and Coordinates Park Clean up events.
 - Tracks the number of volunteers & names, number of bags of garbage.
- **MCM 6:**
 - Records pollution prevention measures
 - Provides staff training.
 - Performs facility self-assessment.
- **Assisted by:**
 - Seasonal Staff

Highway Department:
Edward Foster Jr.
Superintendent of Highways

Responsible for Transfer Station & Recycling Operations:

- **MCM 1:**
 - Distribution of Education Literature,
 - Tracks Literature Quantities, Dates, and Titles of Information.
- **MCM 2:**
 - Receives and Organizes Recyclable Materials.
 - Tracks Quantities and Types of Materials for MS4 Annual Reporting.
- **MCM 6**
 - Records pollution prevention measures
 - Provides Staff Training.
 - Performs facility self-assessment.
- **Assisted by:**
 - Staff

Stormwater Management Program (SWMP) Program Components / Minimum Control Measures (MCMs).	
MCM 1: Public Education and Outreach	MCM 2: Public Participation/Involvement
MCM 3: Illicit Discharge Detection and Elimination	MCM 4: Construction Site Runoff Control
MCM 5: Post Construction Site Runoff Control	MCM 6: Pollution Prevention/Good Housekeeping

TOWN OF PATTERSON
ENFORCEMENT RESPONSE PLAN
10/1/24
Approved March 26, 2025

The Enforcement Response Plan (ERP) describes the action(s) to be taken for violations pertaining to MCM 3: Illicit Discharge Detection and Elimination, MCM 4: Construction Site Stormwater Runoff Control, and MCM 5: Post-Construction Stormwater. The ERP provides a protocol to address repeat and continuing violations through progressively stricter responses (i.e., escalation of enforcement) as needed to achieve compliance with the terms and conditions of the MS4 General Permit (GP-0-24-001) and/or Construction General Permit (GP-0-20-001). The Enforcement Officer has discretion in determining the correct enforcement action needed, with the understanding that the intent is to obtain compliance with the regulations. Enforcement responses should be based on the type, magnitude, and duration of the violation, effect of the violation on the receiving water, compliance history of the violator(s), and good faith of the violator(s) in compliance efforts.

Efforts to obtain a voluntary correction of deficiencies through informal enforcement, such as verbal warnings or written notices, must not exceed fourteen (14) days in duration from the time of initial determination of the violation(s) until a return to compliance.

Authority for enforcement can be found in the Patterson Town Code at:

For Illicit Discharges:	§99 -15.
For Construction Sites:	§133 -24.
For Post-Construction Practices:	§133 -24.

The **Town of Patterson** will use the following types of enforcement responses or combination of responses for illicit discharge, construction, and post-construction stormwater management practice violations:

- I. Verbal warnings; Upon determining that a violation is occurring, the Enforcement Officer will issue a verbal warning and will reinspect after 7-days to make sure the violation is corrected. If not corrected, a second verbal warning will be issued and the issue reinspected after another 7-days.
- ii. Written notices; If two consecutive verbal warnings go unaddressed, the Enforcement Officer, will issue a written Notice of Violation (NOV). The issue will be reinspected after 30-days for compliance.
- iii. Stop work orders; If a written NOV goes unaddressed, a Stop Work Order will be issued and the matter will be referred to court. The courts make the decisions and determinations on fines and further action.

- iv. Withholding of plan approvals or other authorizations affecting the ability to discharge to the MS4.

Enforcement Tracking

The **Town of Patterson** documents instances of non-compliance in this SWMP Plan. The enforcement case documentation includes, at a minimum, the following:

- a. Name of the owner/operator of the facility or site of the violation (can be redacted from the publicly available SWMP Plan);
- b. Location of the *stormwater* source (e.g., construction project);
- c. Description of the violation;
- d. Schedule for returning to compliance;
- e. Description of enforcement response used, including escalated responses if repeat violations occur or violations are not resolved in a timely manner;
- f. Accompanying documentation of enforcement response (e.g., notices of noncompliance, notices of violations);
- g. Any referrals to different departments or agencies; and
- h. Date violation was resolved.

All documentation pertaining to Enforcement Response is considered part of this SWMP Plan and is available upon request: contact Stormwater Program Coordinator or Stormwater Management Officer listed on page 2 of this document.

The Town of Patterson maintains a record of its tracking and enforcement response for each instance of non-compliance by documenting the following:

- i. Name of the owner/operator of the facility or site of the violation (can be redacted from the publicly available SWMP Plan);
- ii. Location of the stormwater source (e.g., construction project);
- iii. Description of the violation;
- iv. Schedule for returning to compliance;
- v. Description of enforcement response used, including escalated responses if repeat violations occur or violations are not resolved in a timely manner;
- vi. Accompanying documentation of enforcement response (e.g., notices of noncompliance, notices of violations); and
- vii. Any referrals to different departments or agencies; and the date the violation was resolved.

Enforcement Response Plan: Illicit Discharge Detection and Elimination

Violation: Unauthorized discharge to MS4

Issue:

- i) Any direct or indirect non-stormwater discharge to the MS4
- ii) Failure to eliminate discharge/cease practice or implement BMPs in accordance with schedule: violation continued for 30 or more days after notice
- iii) Failure to eliminate discharge/cease practice or implement BMPs in accordance with schedule: violation continued for 60 or more days after notice

Minimum Response:

- I) Verbal Warnings
- ii) NOV
- iii) Stop Work Order
- iv) Formal Enforcement/Fines

Violation: Unauthorized/Illicit Connection to MS4:

Issue:

- I) Any drain or conveyance, whether on the surface or subsurface, which allows an illegal discharge to enter the MS4
- ii) Failure to eliminate illicit connection to the MS4 in accordance with schedule: violation continued for 30 or more days after notice
- iii) Failure to eliminate illicit connection to the MS4 in accordance with schedule: violation continued for 60 or more days after notice

Minimum Response:

- I) Verbal Warnings
- ii) NOV
- iii) Stop Work Order
- iv) Formal Enforcement/Fines

Enforcement Response Plan: Construction General Permit

Failure to obtain coverage under the Construction General Permit WITH appropriate erosion & sediment control practices

- I) One or more acres of disturbed area
- ii) One or more acres of disturbed area - violation continued for 30 or more days after discovery
- iii) One or more acres of disturbed area - violation continued for 60 or more days after discovery

Minimum Response:

- I) Stop Work Order
- ii) Formal Enforcement/Fines

Violation: Failure to obtain coverage under the Construction General Permit and WITHOUT or MINIMAL erosion & sediment control practices

Issue:

- I) One up to five acres of disturbed area
- ii) One up to five acres of disturbed area - violation continued for 15 or more days, after discovery
- iii) One up to five acres of disturbed area - violation continued for 30 or more days after discovery
- iv) Five or more acres
- v) Five or more acres - violation continued for 30 or more days after discovery

Minimum Response:

- I) Stop Work Order
- ii) Formal Enforcement/Fines

Violation: Has coverage under the Construction General Permit and has significant violations of permit

Issue:

- I) One up to five acres of disturbed area
- ii) Failure to correct deficiencies in accordance with schedule: One up to five acres of disturbed area
- iii) Five or more acres

Minimum Response:

- I) Verbal Warnings
- ii) NOV
- iii) Stop Work Order
- iv) Formal Enforcement/Fines

Violation: Failure to meet significant permit requirements. Including, but not limited to:

- lack of or a substantially inadequate SWPPP;
- failure to implement or maintain BMPs;
- failure to perform required inspections

Issue:

- I) Unsatisfactory compliance inspection
- ii) Failure to correct deficiencies in accordance with schedule
- iii) Duration of noncompliance is longer than 60 days.

Minimum Response:

- I) Verbal Warnings
- ii) NOV
- iii) Stop Work Order
- iv) Formal Enforcement/Fines

Enforcement Response Plan: Post-Construction Stormwater Management Practice Inspection & Maintenance.

Violation: Failure to perform required inspections and/or submit inspection report.

NYS DEC Stormwater Management Practices Inspection Checklists 2017:
https://www.dec.ny.gov/docs/water_pdf/smpins_pchklist.pdf

Issue:

- I) No SMP inspection report submitted
- ii) No inspection report submitted - violation continued for 30 or more days after notice
- iii) No inspection report submitted - violation continued for 60 or more days after notice

Minimum Response:

- I) Verbal Warnings
- ii) NOV
- iii) Stop Work Order
- iv) Formal Enforcement/Fines

Violation: Failure to perform required maintenance as called for in the Maintenance Agreement associated with the post-construction stormwater management practice(s); or, in the absence of a formal Maintenance Agreement, NYS DEC

Maintenance Guidance for Stormwater Management Practices 2017:
https://extapps.dec.ny.gov/docs/water_pdf/smpmaintguidance.pdf

Issue:

- I) SMP maintenance not performed
- ii) Maintenance not performed - violation continued for 30 or more days after notice
- iii) Maintenance not performed - violation continued for 60 or more days after notice

Minimum Response:

- I) Verbal Warnings
- ii) NOV
- iii) Stop Work Order
- iv) Formal Enforcement/Fines

Violation: Failure to address deficiencies, corrective actions, or further investigation (if recommended in inspection report)

Issue:

- I) Failure to correct SMP deficiencies
- ii) Failure to correct deficiencies in accordance with schedule: violation continued for 30 or more days after notice
- iii) Failure to correct deficiencies in accordance with schedule: violation continued for 60 or more days after notice

Minimum Response:

- I) Verbal Warnings
- ii) NOV
- iii) Stop Work Order
- iv) Formal Enforcement/Fines

Monitoring Locations Inspection and Sampling Field Sheet

Section 1: Background Data

Subwatershed:		Monitoring Location ID:	
Today's date:		Time (Military):	
Investigators:		Form completed by:	
Temperature (°F):	Rainfall (in.):	Last 24 hours:	Last 48 hours:
Latitude:	Longitude:	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	
Land Use in Drainage Area (Check all that apply):			
<input type="checkbox"/> Industrial <input type="checkbox"/> Ultra-Urban Residential <input type="checkbox"/> Suburban Residential <input type="checkbox"/> Commercial		<input type="checkbox"/> Open Space <input type="checkbox"/> Institutional Other: _____ Known Industries: _____	
Notes (e.g., origin, if known):			

Section 2: Monitoring Location Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
<input type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Other: _____	<input type="checkbox"/> Circular <input type="checkbox"/> Single <input type="checkbox"/> Elliptical <input type="checkbox"/> Double <input type="checkbox"/> Box <input type="checkbox"/> Triple <input type="checkbox"/> Other: _____ <input type="checkbox"/> Other: _____ <input type="checkbox"/> Other: _____	Diameter/Dimensions: _____	In Water: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> Rip-Rap <input type="checkbox"/> Other: _____	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: _____	Depth: _____ Top Width: _____ Bottom Width: _____	
<input type="checkbox"/> In-Stream	(applicable when collecting samples)			
Flow Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No		<i>If No, Skip to Section 5</i>	
Flow Description (if present)	<input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial			

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING MONITORING LOCATIONS				
PARAMETER	RESULT	UNIT	EQUIPMENT	
<input type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
<input type="checkbox"/> Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stopwatch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Monitoring Locations Inspection and Sampling Field Sheet

Section 4: Physical Indicators for Flowing Monitoring Locations Only

Are Any Physical Indicators Present in the flow? Yes No (If No, Skip to Section 5)

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancid/sour <input type="checkbox"/> Petroleum/gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1 – Faint	<input type="checkbox"/> 2 – Easily detected	<input type="checkbox"/> 3 – Noticeable from a distance
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1 – Faint colors in sample bottle	<input type="checkbox"/> 2 – Clearly visible in sample bottle	<input type="checkbox"/> 3 – Clearly visible in outfall flow
Turbidity	<input type="checkbox"/>	See severity	<input type="checkbox"/> 1 – Slight cloudiness	<input type="checkbox"/> 2 – Cloudy	<input type="checkbox"/> 3 – Opaque
Floatables -Does Not Include Trash!!	<input type="checkbox"/>	<input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1 – Few/slight; origin not obvious	<input type="checkbox"/> 2 – Some; indications of origin (e.g., possible suds or oil sheen)	<input type="checkbox"/> 3 – Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Monitoring Locations

Are physical indicators that are not related to flow present? Yes No (If No, Skip to Section 6)

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Monitoring Location Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Peeling <input type="checkbox"/> Paint Corrosion	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Reinspect within 30 days </div>
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flow Line <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	
Poor pool quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floatables <input type="checkbox"/> Oil <input type="checkbox"/> Sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other:	
Pipe benthic growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	

Section 6: Overall Monitoring Location Characterization

Unlikely
 Potential (presence of two or more indicators)
 Suspect (one or more indicators with a severity of 3)
 Obvious

Initiate track down

Town of Patterson
Standard Operating Procedure
Street and Parking Lot Sweeping
June 11, 2024

This SOP has been prepared pursuant to NYSDEC SPDES General Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4s) Permit No. GP-0-24-001.

The Town of Patterson is an automatically and additionally designated MS4. The permit requires the development, implementation and enforcement of a Stormwater Management Program designed to reduce the discharge of pollutants to the maximum extent practicable in order to comply with water quality standards. This SOP addresses Minimum Control Measure 6, Good Housekeeping and Pollution Prevention, Part VI.F.3.d.i and Part IX.7.b of the General Permit.

1.0 Purpose

Regular sweeping of streets and municipally-owned parking lots is important for maintaining clean and safe roadways. It also plays an important role in keeping pollutants like sand, trash, and leaves out of our storm drains, and our streams and lakes. This Standard Operating Procedure (SOP) has been prepared to provide guidance to municipal employees on procedures and frequencies of street and parking lot sweeping of facilities owned and/or operated by the Town of Patterson in order to reduce the discharge of pollutants to the storm drainage system and receiving waters. If sweeping services are contracted, this SOP should be reviewed with the contractor. In addition, the contract with said contractor should specify that the contractor is responsible for compliance with this SOP and all applicable laws.

2.0 Scope

This procedure applies to all parking lots and roadways owned and maintained by the Town of Patterson. This procedure does not apply to streets owned and operated by the State of New York, streets owned and operated by the County of Putnam, private roads within the Town of Patterson, or private parking lots within the Town of Patterson. This procedure also is not applicable to uncurbed roads with no catch basins.

3.0 Equipment. The Town of Patterson owns the following equipment used for street and parking lot sweeping operations.

- 3.1. 2012 Elgin Sweeper (#34) NP2614D
- 3.2. 2015 MegaWind (#37) 1HTMKAZR3FH11822. The Elgin Megawind provides leaf and debris vacuuming, catch basin cleaning, and street sweeping. This

multi-purpose vacuum sweeper truck features a 12" vacuum hose with an industry-exclusive articulated power boom that includes a 180-degree hydraulic powered rotation, allowing greater hose positioning options; a high-performance vacuum sweeper system with a choice of large-capacity, traditional tilt dumping debris bodies. Additionally, it boasts a high-performance vacuum sweeper system and offers a selection of large-capacity, traditional tilt dumping debris bodies. 335 gallon water tank.

3.3. 2010 Freightliner VacAll (#39) 1FVACXBS7ADAN9938

3.4. 1986 International Tanker (#44) 1HTLDTVN7GHA24546

4.0 Roads, Parking Lot and Driveways

4.1 According to the NYSDOT Local Roads Listing (1/19/2023) the Town of Patterson has 68.58 of centerline miles.

4.2 The Town of Patterson owns the following parking lots and driveways which will be swept in accordance with the schedule provided herein.

4.2.1 Highway Facility

4.2.2 Sanitation Driveway

4.2.3 Town Hall/Justice Court parking area

4.2.5 Recreation Center parking area

4.2.6 Club Court parking area

4.2.7 Veterans Memorial Park parking area

4.2.8 PLPD Memorial Field parking area

5.0 Street Sweeping Operation

5.1 The following practices shall be followed when streets and parking areas are being swept:

5.1.1 Sweeping should be conducted in dry weather, and dry roads with the exception of very fine water spray for dust control. Sweeping should not be conducted during or immediately after rain storms.

5.1.2 Sweeping should be completed in a manner that avoids depositing debris into storm drains.

5.1.3 When necessary, enact parking bans to facilitate sweeping on busy streets 48 hours in advance of sweeping operations.

- 5.1.4 When possible, sweep parking areas prior to buildings being open to facilitate sweeping in parking areas. Prior to sweeping provide 24 hour notice to facilities manager.
- 5.1.5 Sweeping equipment (mechanical, regenerative air, vacuum filter, tandem sweeping) should be selected depending on the level of debris. Brush alignment, sweeper speed, rotation rate, and sweeping pattern should be set to optimal levels to manage debris.
- 5.1.6 Routinely inspect and perform maintenance on sweeping equipment to reduce the potential for leaks.

6.0 Schedule for sweeping

All Town-owned streets and parking areas will be swept once annually, between April 1 through October 31 (General Permit, Part IX.A.7.b)

7.0 Record Keeping

Logs must be kept describing the date that a street or a parking lot was swept. The log should include weather conditions, the number of miles cleaned, the parking lot that was cleaned, the staff involved in the operation, the volume of material that was collected from any particular street or parking lot, and how the material was disposed of. The original log is to be maintained at Patterson Highway Department. A copy of the log is to be provided to the Stormwater Management Officer for the Stormwater Management Program document.

8.0 Storage and Disposal

- 8.1. Sweeping debris will be stored at the Patterson Highway garage located at 481 Cornwall Hill Road.
- 8.2. Any excess liquid content will be allowed to evaporate. It is not decanted or removed by any mechanical means.
- 8.3. Solid sweeping debris will be mixed with organic material and reused where needed.

9.0 Annual Review of Procedure/Training

- 9.1 All managers and personnel who maintain parking lots and roadways are responsible for reviewing this procedure with all employees who have these job

duties at least once each year. Any contractors retained to perform these job duties by the Town or the Highway Department are required to convey the requirements of this procedure to the contractors.

- 9.2 Employees will be trained once per year on this procedure and the proper operation of equipment as well as other related elements required by NYSDEC SPDES General Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4s) Permit No. GP-0-24-001.

NYSDEC SPDES General Permit for Stormwater Discharges from MS4s
Permit No. GP-0-24-001.

Part IV.A.1 Alternative Implementation Options. Prior to a third-party vendor or other public entity being used to complete all, or a portion of the street sweeping operations there must be a written legally binding agreement that is signed by all parties that includes a certification statement acknowledging that the MS4 Operator is still responsible for compliance with this SPDES general permit.

Part VI.F.3.d

d. Roads, Bridges, Parking Lots, & Right of Way Maintenance

i. Sweeping

Within six (6) months of the EDC, the MS4 Operator must develop and implement procedures for sweeping and/or cleaning municipal streets, bridges, parking lots, and right of ways owned/operated by the MS4 Operator. The procedures and completion of permit requirements must be documented in the SWMP Plan specifying:

- a) All roads, bridges, parking lots, and right of ways must be swept and/or cleaned once every five (5) years in the spring (following winter activities such as sanding). This requirement is not applicable to:
 - i) Uncurbed roads with no *catch basins*;
 - ii) High-speed limited access highways; or
 - iii) Roads defined as interstates, freeways and expressways, or arterials by the United States Department of Transportation, Federal Highway Administration, Highway Functional Classification Concepts, Criteria and Procedures, 2013.

- b) Annually, from April 1 through October 31, roads in business and commercial areas must be swept. This requirement is not applicable to:
 - i) Uncurbed roads with no *catch basins*;
 - ii) High-speed limited access highways; or
 - iii) Roads defined as interstates, freeways and expressways, or arterials by the USDOT 2013.

Part VIII.A.7

7. Pollution Prevention and Good Housekeeping

Following the completion of Part VIII.A.1:

- a. Annually, from April 1 through October 31, all streets located in sewersheds discharging to phosphorus impaired segments must be swept. MS4 Operators must document the completion of this requirement in the SWMP Plan. This requirement is not applicable to:
 - i. Uncurbed roads with no catch basins;
 - ii. High-speed limited access highways; or
 - iii. Roads defined as interstates, freeways and expressways, or arterials by the United States Department of Transportation, Federal Highway Administration, Highway Functional Classification Concepts, Criteria and Procedures, 2013.

Part IX.A.7.b

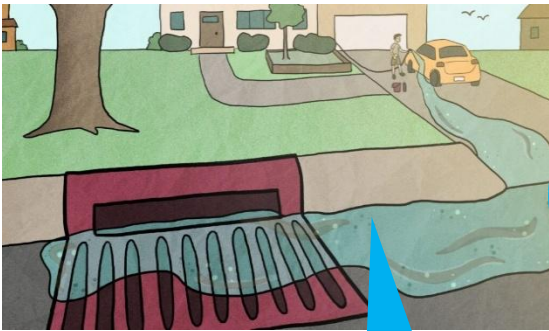
- b. Following the completion of Part IX.A.1, annually, from April 1 through October 31, all streets located in the TMDL watershed(s) must be swept. MS4 Operators must document the completion of this requirement in the SWMP Plan. This requirement is not applicable to:
 - i. Uncurbed roads with no catch basins;
 - ii. High-speed limited access highways;
 - iii. Roads defined as interstates, freeways and expressways, or arterials by the United States Department of Transportation, Federal Highway Administration, Highway Functional Classification Concepts, Criteria and Procedures, 2013.

STORMWATER MATTERS

Don't Poo-Lute! Pick up the Poop! Pet waste contains dangerous bacteria, diseases, pathogens like E-Coli, and does not biodegrade into healthy "fertilizer". When left on the sidewalk or grass, rainwater washes pet waste through storm sewers and nearby ponds, rivers and lakes!



Wash your car on the lawn or gravel instead...to prevent polluted water from entering our waterways



Dirt, soaps, oil, grease, heavy metals, and exhaust fume residue end up in our waters and affecting wildlife and drinking waters

Use fertilizer sparingly, or consider organic fertilizer...excess fertilizers washes away into catch basins, leading to excess plant growth in local waterbodies

**For more information
or reports of illicit
discharges call:**

845-878-6500 ext. 32

www.pattersonny.org

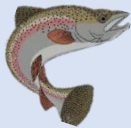


STORMWATER MATTERS

Help keep our
Lakes, Streams,
and Wetlands
clean from
Pollutants!



*Keep
Patterson
Beautiful!*



**Call the Stormwater Hotline to
report illegal dumping, or pollution
of stormwater, canals, or drains**

845-878-6500 ext. 23

www.pattersonny.org

