

# Stormwater Pollution Prevention Plan

*(Township of Lawrence)*

*(Cumberland County)*

*(Permit Number(NJG0151696)*

*Annual Review Date: (October 2023)*

*Revision Date: 4-29-2026*

*Stormwater Program Coordinator: (Stephen Nardelli)*

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## Form 1 – Team Members

<b>Stormwater Program Coordinator (SPC)</b>			
Name and Title		Stephen Nardelli, PE, PP, CME	
Phone	856-451-2990	Email	<a href="mailto:snardelli@fralinger.com">snardelli@fralinger.com</a>
<b>Individual(s) Responsible for Major Development Project Stormwater Management Review</b>			
Name and Title		Stephen Nardelli, PE, PP, CME (Township Engineer)	
Phone	856-451-2990	Email	<a href="mailto:snardelli@fralinger.com">snardelli@fralinger.com</a>
Name and Title			
Phone		Email	
<b>Other Municipal Stormwater Team Members</b>			
Name and Title		Robert Morgan, Public Works Supervisor	
Phone	856-498-5944	Email	<a href="mailto:njcowboybob@aol.com">njcowboybob@aol.com</a>
Name and Title		Karrie Hulitt, Clerk	
Phone	856-457-4554	Email	<a href="mailto:clerk@lawrtwp.com">clerk@lawrtwp.com</a>
Name and Title			
Phone		Email	
<b>Shared/Contracted Service Providers</b>			
Provider Name	Service Provided	Term of Service	



**Form 3 – Public Announcements**  
*Part IV.B. and C.*

1. Provide the link to the dedicated stormwater webpage for your municipality.
<a href="https://www.lawrencetwpcumberlandnj.com/index.htm">https://www.lawrencetwpcumberlandnj.com/index.htm</a>
2. List the name and title of person(s) responsible for stormwater webpage postings/updates.
Tony Stanzione, Director of Cumberland Development Corporation
3. List the newspapers, social media outlets, websites, direct mailings (Email or postal), and other communication approaches typically used to inform/educate the public on stormwater program information and related events/activities.
Township website Stormwater display and handout material at Municipal Building Stormwater information with tax bills

## Form 4 – Post-Construction Stormwater Management in New Development and Redevelopment

### *Part IV.E.*

1. How does the municipality define “major development”? If it is different from the definition in N.J.A.C. 7:8, explain the difference.
The municipality defines major development the same as it is found in NJAC 7:8
2. Is the municipality’s stormwater control ordinance (SCO) the same as or more stringent than NJDEP’s model SCO? If more stringent, explain the difference.
The SCO is the same as the NJDEP’s model.
3. Describe the process for reviewing major development project applications for compliance with the SCO and Residential Site Improvement Standards (RSIS).
The applicant’s site development stormwater plan is submitted and reviewed by the municipal board or officials. The board officials will consult with the township’s engineer to determine if all checklist requirements have been satisfied.
4. Does your municipality have a mitigation plan included in your Municipal Stormwater Management Plan and Stormwater Control Ordinance? Indicate the location of records of all variances granted.
Yes. Lawrence Township Municipal Complex 357 Main Street Cedarville, NJ 08311
5. Indicate the dates of each iteration of the township’s Stormwater Control Ordinance, starting with the initial adoption and including revisions.
06/25/2006; 04/16/2021; 7/15/2024
6. Indicate the dates of each iteration of the township’s Municipal Stormwater Management Plan, starting with the initial adoption and including revisions.
08/08/2005

**Form 5 – Ordinances**  
*Part IV.F.1.*

<b>Ordinance</b>	<b>Date Adopted</b>	<b>Was the DEP model adopted without change? If not, explain how the municipality's is more stringent.</b>	<b>Entity Responsible for Enforcement</b>	<b>Fees &amp; Fines</b>
1. Pet Waste	12/11/2023	Yes	Code Enforcement	\$1,500
2. Wildlife Feeding	12/11/2023	Yes	Code Enforcement	\$1,500
3. Litter Control	12/11/2023	Yes	Code Enforcement	\$1,500
4. Improper Disposal of Waste	12/11/2023	Yes	Code Enforcement	\$1,500
5. Yard Waste	12/11/2023	Yes	Code Enforcement	\$1,500
6. Private Storm Drain Inlet Retrofitting	12/11/2023	Yes	Code Enforcement	\$1,500
7. Illicit Connections	12/11/2023	Yes	Code Enforcement	\$1,500
8. Privately-Owned Salt Storage	12/11/2023	Yes	Code Enforcement	\$1,500
9. Tree Removal- Replacement	7/15/2024	Yes	Zoning & Twp.	\$100
<b>List any additional stormwater-related ordinances the municipality has adopted that address issues beyond the scope of the MS4 permit. Include adoption date, entity responsible for enforcement, and related fees and fines.</b>				
Not applicable.				
<b>Indicate the location of records associated with ordinances and related violations and enforcement actions below.</b>				
Lawrence Township Municipal Complex 357 Main Street Cedarville, NJ 08311				

## Form 6 – Street Sweeping

### *Part IV.F.2.a.i. and ii.*

1. Provide a written description and/or attach a map outlining the sweeping schedule for the following:

- Segments of municipal roads with storm drain inlets that discharge to surface water (required at least 3 times each year)
- Segments of municipal roads that do not have storm drain inlets but do discharge to surface water (required at least 1 time each year)

*Note: Only asphalt and concrete roads need to be swept. Roads that do not have storm drain inlets and do not discharge to surface water do not need to be swept.*

<u>Roads Swept 3x Per Year</u>	<u>Roads Swept 1x Per Year</u>
Lummistown Road Franklin Street	Co-op Drive

2. Indicate if sweeping work is outsourced and if so, describe the arrangement.

Not outsourced

## Form 7 – MS4 Infrastructure

*Part IV.F.2-4. and Part IV.G.2-3.*

### **1. Municipal Storm Drain Inlets**

- a. Describe how you ensure that municipal inlets without permanent wording cast into the design have been properly labelled.
- b. Describe how you ensure that municipal and private storm drain inlets have been retrofitted.
- c. Describe how you ensure that newly installed storm drain inlets include corresponding catch basins or other BMPs to collect solids.
- d. Describe when and how you conduct inspections of storm drain inlets and the criteria used to determine when they need to be cleaned.

- a. When storm drain inlets are inspected and cleaned, the labels are also inspected. Any labels that have gone missing or are no longer legible are repaired.
- b. Municipal – Retrofitting is performed with municipal funded projects.  
Private – Any changes to a private site that requires approval by the Planning/Zoning Board will be required to retrofit their existing inlets.
- c. The township’s engineer reviews projects that propose new storm drain inlets and verifies catch basins or other BMPs are used. Inspection will also take place at the time of installation.
- d. Storm drain inlets are inspected by crews via drive by. Any sign of the inlets not operating as designed are cleaned and/or fixed. In addition, the township inspects inlets before and after a rainfall event.

### **2. Municipal Catch Basins**

- a. Describe when and how you conduct inspections of catch basins.
- b. Describe the criteria used to determine when catch basins need to be cleaned.

- a. Catch basin inspection is performed at least once per year by lifting grates and inspecting with a flashlight.
- b. If the catch basin is not functioning as it was intended, it will be evaluated by crews and cleaned out via vac truck or fixed.

**3. Municipal Conveyance System**

Describe when and how inspections of MS4 conveyance systems are conducted, and the criteria used to determine when they need to be cleaned. Include a description of the equipment and techniques used.

The conveyance system is inspected at the same time as the catch basins are inspected once per year. Grates are lifted and conveyances are inspected with flashlight. Should the conveyance not function as it was designed, they are cleaned or fixed by crews and vac truck is used.

**4. Municipal Outfall Inspections – Stream Scouring**

Describe the program in place to detect, investigate, and control localized stream scouring from stormwater outfalls. Include a description of the equipment and techniques used.

Inspections are performed periodically for stream scouring. Should an issue be discovered, location will be placed on a prioritized list and repairs will be made in accordance with soil erosion and sediment control. Mini excavator or backhoe is used.

Any cases are recorded using DEP’s supplied stream scouring investigation recordkeeping form.

**5. Municipal Outfall Inspections – Illicit Discharge Detection and Elimination**

Describe the program in place for conducting visual dry weather inspections of municipally owned or operated outfalls. Include a description of the equipment and techniques used. Record cases of illicit discharges using the DEP’s Illicit Connection Inspection Report Form from the Department’s main stormwater webpage.

Inspections are performed periodically for illicit discharge. A dry weather inspection is one that takes place 72 hours after a rain event. Visual inspection includes looking for discoloration or unusual debris.

Any cases are recorded using DEP’s supplied Illicit Connection Report Form.

**6. Other Municipal Infrastructure**

List the types of MS4 infrastructure in your town that require inspection but are not noted above in items 1-5. Describe when and how you conduct inspections of this infrastructure and the criteria used to determine when they need to be maintained and/or cleaned.

Not applicable.

**7. Stormwater Facilities Not Owned or Operated by the Municipality**

Describe your program for ensuring adequate long-term cleaning, operation, and maintenance of stormwater facilities not owned or operated by the municipality. This should include your plan for ensuring annual inspections are being done on these private properties and describe how you record the locations and logs associated with private infrastructure.

The township performs drive-by inspections of facilities not owned or operated by the municipality no less than once per year.

The township also sends a letter to private entities to remind them about adequate maintenance on their stormwater infrastructure to ensure proper function.

In the event of an issue, the township’s code enforcement officer will notify the owner. Any negligence will result in citation by the township to owner.

Records will be kept.

**8. Infrastructure Records**

Indicate the location of records related to stormwater infrastructure inspection, cleaning, maintenance, and repair activities.

Lawrence Township Municipal Complex  
357 Main Street  
Cedarville, NJ 08311

## Form 8 – Community-wide Measures

### Part IV.F.2.

<p><b>1. Herbicide Application Management</b> Describe your program for preventing herbicides from being washed into the waters of the State and to prevent erosion caused by de-vegetation.</p>
<p>Not applicable. Not permitted.</p>
<p><b>2. Excess Deicing Material Management</b> Describe your program for ensuring that excess salt piles are removed in a timely manner after storm events.</p>
<p>The township inspects and removes all excess salt piles after snowstorms. Front loaders or hand shoveling into trucks is done.</p>
<p><b>3. Roadside Vegetative Waste</b> Describe your program for ensuring proper pickup, handling, storage, and disposal of wood waste and yard trimmings generated by the permittee along municipal roads or on municipal properties (trimming trees, mowing, etc.).</p>
<p>All material is collected immediately and taken to the Lawrence Township convenience center.</p>
<p><b>4. Roadside Erosion Control</b> Describe your program to detect and repair erosion along municipal roadways.</p>
<p>The township is covered and inspected by public works. Any erosion issues are addressed and fixed less than ninety (90) days from date of detection.</p>

**Form 9 – Municipal Maintenance Yards & Other Ancillary Operations**  
*Part IV.F.5.*

*Please complete a separate Form 9 for each yard or site. Indicate the number of yards/sites the municipality owns or operates:   1*

<b>1. Site Name and Address</b>	
Public Works 32 Maple Avenue Cedarville, NJ 08311	
<b>2. Monthly Site Inspections</b>	
Describe the nature of inspections conducted at this site and the location of inspection logs.	
Inspections are performed daily Monday – Friday as public works employees arrive for the working day.  Documentation is performed monthly. Logs available upon request.	
<b>3. Inventory List</b>	
List all materials and machinery that are potentially exposed to stormwater.	
<b>Materials</b>	<b>Machinery/Equipment</b>
Dense Graded Aggregate (DGA)	
Stone	
Cold Patch	
Top soil	
<b>4. Discharge of Stormwater from Secondary Containment</b>	
Describe the process in place for discharging stormwater from secondary containment areas where outdoor containers are stored.	
Not applicable. No containers stored outside.	

<p><b>5. Fueling Operations</b> Does fueling occur on site? If so, describe the BMPs in place to minimize contamination of stormwater from fueling activities. If not, explain where fueling takes place.</p>
<p>Yes. The fuel tank is double sealed and encapsulated. When fueling occurs, drip pans are placed under all hoses and pipe connections as well as leak prone areas. Signage is posted. Should any leaks occur, restoration is done immediately, and any equipment is repaired.</p>
<p><b>6. Vehicle/Equipment Maintenance and Repair</b> Do you perform maintenance and repair on site? Is this conducted indoors or outdoors? If outdoors, describe the BMPs in place to minimize contamination of stormwater from maintenance and repair activities.</p>
<p>Yes. All maintenance and repairs performed indoors.</p>
<p><b>7. Wash Wastewater Containment</b> Do you wash vehicles on site? If so, describe the BMPs in place to minimize contamination of stormwater from these activities. Note that on site containment structures require annual inspections by a NJ licensed professional engineer. If not, explain where vehicle washing takes place.</p>
<p>No. Vehicles taken to an appropriate vehicle washing facility.</p>
<p><b>8. Salt and Other Granular De-icing Materials</b> Do you store salt and other granular deicing materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.</p>
<p>Yes. Material is stored in a 3-sided bay with a roof over top so not exposed to stormwater.</p>
<p><b>9. Aggregate Material, Wood Chips, and Finished Leaf Compost</b> Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.</p>
<p>No. All such material is taken to Lawrence Township convenience center.</p>

<p><b>10. Cold Patch Asphalt</b> Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.</p>
<p>Yes. Cold patch is stored on an impervious surface and tarped and contained so it's not exposed to stormwater.</p>
<p><b>11. Street Sweepings and Storm Sewer Cleanout Materials</b> Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.</p>
<p>No. Not applicable.</p>
<p><b>12. Construction and Demolition Waste, Wood Waste, and Yard Trimmings</b> Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.</p>
<p>Residents of the township are permitted to drop off construction and demolition waste to public works and place in open top containers. Two (2) times per week, it is then transported to Lawrence Township convenience center.</p>
<p><b>13. Scrap Tires</b> Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.</p>
<p>Yes. Scrap tires are stored indoors.</p>
<p><b>14. Inoperable Vehicles and Equipment</b> Do you store inoperable vehicles or equipment on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater. If not, explain where they are stored.</p>
<p>Not applicable. The township does not store inoperable vehicles or equipment</p>

## Form 10 – Training

### Part IV.F.6-10.

<b>Stormwater Program Coordinators</b>
Describe the training provided for the municipal Stormwater Program Coordinator.
The townships SPC will attend the online webinar offered by NJDEP.

<b>Topic</b>	<b>Municipal Employees</b>
Examples: in-person or virtual group sessions, e-Learning, field trainings, and videos	
Describe the training provided for municipal staff.	
SPPP	In-person hard copy and e-learning electronic copy SPPP available to municipal staff. Annual review of SPPP.
Construction Site Stormwater Runoff	In-person and e-learning training to municipal staff for knowledge of construction site stormwater runoff.
Post-Construction Stormwater Management in New and Redevelopment	In-person and e-learning training to municipal staff for knowledge of post-construction stormwater management.
Community-wide Ordinances	In-person and e-learning to municipal staff for knowledge of adopted/existing ordinances and notices of violation.
Community-wide Measures	In-person and e-learning to municipal staff for knowledge of community-wide measures.
Stormwater Facilities Maintenance	In-person by public works.
Municipal Maintenance Yards and Other Ancillary Operations	In-person by public works.

MS4 Mapping	In-person and e-learning. Hard copy and electronic copy of mapping available to municipal staff.
Outfall Stream Scouring	In-person by field training and e-learning.
Illicit Discharge Detection and Elimination	In-person by field training and e-learning.

**Stormwater Management Design Reviewers**

Describe the training provided for individuals responsible for reviews and approvals of stormwater management designs.

Training is done with course supplied by NJDEP. At least once every five (5) years.

**Municipal Board and Governing Body Members**

Describe the training provided for members of the planning/zoning board and municipal council.

Training is done with video supplied by NJDEP titled, "Asking the Right Questions". Logs are kept for when individuals have watched the training.

**Training Records**

Indicate the location of training records for the above required training.

Lawrence Township Municipal Complex  
357 Main Street  
Cedarville, NJ 08311

**Form 11 – MS4 Mapping**  
*Part IV.G.1.*

1. Provide a link to the most current MS4 outfall/infrastructure map.	
Township Infrastructure Map currently in development and to be complete prior to January 2026 deadline.	
2. Indicate the total of each type of MS4 infrastructure listed below (due 01 Jan 2026).	
a. MS4 outfalls	2
b. MS4 ground water discharge points (basins or overland flow infiltration areas)	63
c. MS4 interconnections	1
d. MS4 storm drain inlets	79
e. MS4 manholes	2
f. Length of conveyance (channels, pipes, ditches, etc.)	4,500
g. MS4 pump stations	0
h. MS4 stormwater facilities (any that are not listed above)	0
i. Maintenance yard(s) and other ancillary operations	1
3. Describe how the municipality’s outfall/infrastructure map is reviewed and updated to reflect any new or newly identified MS4 infrastructure (e.g., an outfall is closed, a new basin is constructed, ownership of an outfall has changed, etc.).	
When the township has construction projects that involve stormwater infrastructure installation, the map will be updated accordingly.	
4. Describe how the municipality will create and update its MS4 Infrastructure Map.	
The MS4 Infrastructure Map has been created and approved by NJDEP. Each piece of infrastructure has a northing and easting coordinate. For updates, when the township has construction projects that involve stormwater infrastructure installation, the map will be updated accordingly and all new infrastructure will have same coordinate.	

**Form 12 – Watershed Improvement Plan**  
*Part IV.H.*

1. Describe how your municipality is developing its Watershed Improvement Plan.
Watershed Improvement Plan is underway.
2. Describe any regional projects or collaboration efforts with other municipalities.
No regional projects or collaboration efforts at this time.
3. Indicate the location of records related to all public information sessions and meetings for discussions of the Watershed Improvement Plan.
Municipal buidling.