

Stormwater Pollution Prevention Plan

(Township of Dennis)

(Cape May County)

(Permit Number NJG015029)

Annual Review Date: (July 2023)

Stormwater Program Coordinator: (Stephen Nardelli)

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Form 1 – Team Members

Stormwater Program Coordinator (SPC)			
Name and Title		Stephen Nardelli, PE, CME	
Phone	856-451-2990	Email	snardelli@fralinger.com
Individual(s) Responsible for Major Development Project Stormwater Management Review			
Name and Title		John Michael Fralinger Jr., PE; Township Engineer	
Phone	856-451-2990	Email	jmfjr@fralinger.com
Name and Title			
		Email	
Other Municipal Stormwater Team Members			
Name and Title		Jacqueline Justice, Municipal Clerk, Registrar, Public Notice Coordinator	
Phone	609-861-9700	Email	jackie@dennistwp.org
Name and Title		Jessica Bishop, Administrator, CFO, Public Education Coordinator	
Phone	609-861-9700	Email	jbishop@dennistwp.org
Name and Title		Frank Laughlin, Public Works Supervisor	
Phone	609-861-5309	Email	dtpublicworks@dennistwp.org
Shared/Contracted Service Providers			
Provider Name	Service Provided	Term of Service	
Upper Township	Vehicle Washing <i>(Resolution # 2019-152)</i>	Eight (8) vehicles to be washed after snow events. Two (2) garbage trucks to be washed quarterly. Dennis Township agrees to provide use of public works equipment to Upper Township on an as needed basis.	

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

1. Provide the link to the dedicated stormwater webpage for your municipality.
https://dennistwp.org/stormwater/
2. List the name and title of person(s) responsible for stormwater webpage postings/updates.
Jessica Bishop, Administrator, CFO, Public Education Coordinator
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.
Electronic – Township’s website, Facebook, emails all of which contain stormwater related material. Physical – letters, handouts, fliers, display at municipal building, summer camp annual poster contest to be displayed. Community Events – handouts, fliers, displays, National Night Out, Community cleanups.

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 official. The board or official 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 571 Petersburg Road
5. Indicate the dates of each iteration of the township’s Stormwater Control Ordinance, starting with the initial adoption and including revisions.
04/04/2006
6. Indicate the dates of each iteration of the township’s Municipal Stormwater Management Plan, starting with the initial adoption and including revisions.
04/04/2006 01/24/2008

Form 5 – Ordinances
Part IV.F.1.

Ordinance	Date Adopted	Was the DEP model adopted without change? If not, explain how the municipality's is more stringent.	Entity Responsible for Enforcement	Fees & Fines
1. Pet Waste	09/17/2004	Yes	Code Enforcement Official	\$200
2. Wildlife Feeding	10/15/2002	Yes	Code Enforcement Official, NJSP	\$200
3. Litter Control	10/23/1989	Yes	Code Enforcement Official, NJSP	\$100 - \$1,000
4. Improper Disposal of Waste	12/11/2018	Yes	Code Enforcement Official; Twp; NJSP	\$200
5. Yard Waste	07/21/2009	Yes	Code Enforcement Official	\$200
6. Private Storm Drain Inlet Retrofitting	07/21/2009	Yes	Code Enforcement Official	\$200
7. Illicit Connections	04/04/2006	Yes	Code Enforcement Official, NJSP	\$2,000 Per day
8. Privately-Owned Salt Storage		To be adopted in 2023		\$___
9. Tree Removal- Replacement		To be adopted in 2023		\$___
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.				
N/A				
Indicate the location of records associated with ordinances and related violations and enforcement actions below.				
571 Petersburg Road				

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.

The township is currently working to implement a schedule to be compliant with the new street sweeping requirements.

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

Currently under evaluation.

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. Storm drain inlets are inspected at the same time inlets are inspected and cleaned. Labels are also checked during annual catch basin cleaning. Any labels that have gone missing or are no longer legible are repaired immediately.
- b. Municipal – Retrofitting is performed with municipal funded projects. Private – Any changes to a private site the requires approval by the Planning/Zoning Board will be required to retrofit their existing systems. Inspections are performed by Township’s engineer to ensure retrofitting was done.
- c. The Township’s engineer reviews projects that propose new storm drain inlets and verifies catch basins or other BMPs are used. At the time of installation, the engineer will also inspect.
- d. Storm drain inlets are inspected monthly. Drive-by inspections are performed. Any sign of the inlets not operating as designed are cleaned and/or fixed.

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. The township inspects each drain inlet during annual outfall inspections as well as monthly. Any areas of concern will be noted and inspected more frequently. Inspections involve public works performing a visual inspection.
- b. Grates are opened and inspected for obstructions into the conveyance. If so, a vac truck is used to clean out.

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.

- a. The township inspects MS4 conveyance systems during annual outfall inspections as well as monthly. Any areas of concern will be noted and inspected more frequently. Inspections involve public works performing a visual inspection.
- b. Grates are opened and the conveyance systems are inspected for obstructions. If so, a vac truck is used to clean out.

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. In the event an issue is discovered, sites will be placed on a prioritized list and repairs will be made in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey. A backhoe is used to clear.

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. Dry weather inspections are inspections that take place at least 72 hours after a rain event. Visual inspection is looking for any abnormal discharges such as discoloration or inappropriate debris such as solids or toilet paper.

Cases are recorded using the DEP’s supplied Illicit Connection Inspection Report Form. The township will work to identify the source and stop as soon as it is discovered. All filled forms are available upon request.

<p>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.</p>
<p>N/A</p>
<p>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.</p>
<p>The township will compile and maintain a log of private stormwater facilities. Inspections are performed by the township and in the event of an issue, the township’s enforcement officers notify the owner. Any negligence will result in citation by the township to the owner.</p>
<p>8. Infrastructure Records Indicate the location of records related to stormwater infrastructure inspection, cleaning, maintenance, and repair activities.</p>
<p>571 Petersburg Road</p>

Form 8 – Community-wide Measures

Part IV.F.2.

1. Herbicide Application Management Describe your program for preventing herbicides from being washed into the waters of the State and to prevent erosion caused by de-vegetation.
Weed killing applicant is applied minimally at ballfield away from stormwater infrastructure. No other herbicide application is done by the township. De-vegetation is done by mowing and no erosion has resulted.
2. Excess Deicing Material Management Describe your program for ensuring that excess salt piles are removed in a timely manner after storm events.
The township inspects and removes all excess salt piles after snowstorms. Front loaders or hand shoveling into trucks is done.
3. Roadside Vegetative Waste 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.).
The township releases a schedule for brush and leaf collection dates to residents. Residents are permitted to put out material only at the time of collection. Any violation is monitored by the code enforcement official.
4. Roadside Erosion Control Describe your program to detect and repair erosion along municipal roadways.
The township is covered and inspected by public works. Any erosions issues are addressed and fixed in a timely manner.

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

1. Site Name and Address	
571 Petersburg Road	
2. Monthly Site Inspections	
Describe the nature of inspections conducted at this site and the location of inspection logs.	
<p style="text-align: center;">Inspections are performed daily Monday – Friday as employees are on site. Inspections with written documentation are performed monthly. Logs are available upon request at the mentioned address above.</p>	
3. Inventory List	
List all materials and machinery that are potentially exposed to stormwater.	
Materials	Machinery/Equipment
500 gallon oil waste container	

<p>4. Discharge of Stormwater from Secondary Containment Describe the process in place for discharging stormwater from secondary containment areas where outdoor containers are stored.</p>
<p>Oil waste container is self-contained and not exposed to stormwater. Routine inspections occur to ensure there are no leaks. Should one occur, a shop vac will be used and will be disposed of at treatment plant.</p>
<p>5. Fueling Operations 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>No fueling operations occur on site. Fueling is done at the County yard.</p>
<p>6. Vehicle/Equipment Maintenance and Repair 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>All vehicle and equipment maintenance and repairs are done indoors.</p>
<p>7. Wash Wastewater Containment 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. Vehicle washing is done at Upper Township with a shared service agreement.</p>

<p>8. Salt and Other Granular De-icing Materials 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>Salt is stored in two (2) 55 gallon drums and are stored indoors. The township gets its salt from Cape May County.</p>
<p>9. Aggregate Material, Wood Chips, and Finished Leaf Compost 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>Material is temporarily stored here. Piles are placed in areas away from any stormwater infrastructure and that minimize the potential for stormwater contamination.</p>
<p>10. Cold Patch Asphalt 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>Not stored. Purchased as needed.</p>
<p>11. Street Sweepings and Storm Sewer Cleanout Materials 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>Not stored. Street sweeping not conducted.</p>

12. Construction and Demolition Waste, Wood Waste, and Yard Trimmings

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.

Not stored.

13. Scrap Tires

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.

Scrap tires are temporarily stored when they are collected by public works upon discovering them on side of roads. They are stored in areas away from stormwater infrastructure.

14. Inoperable Vehicles and Equipment

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.

Inoperable vehicles and equipment are temporarily stored until they are taken away and/or sold for scrap. Inspections are made to be sure no leaks are taking place. They are stored away from stormwater infrastructure.

Form 10 – Training

Part IV.F.6-10.

Stormwater Program Coordinators
Describe the training provided for the municipal Stormwater Program Coordinator.
<p>Training is in the form of online videos provided by NJDEP: https://dep.nj.gov/stormwater/stormwater-training/</p>

Topic	Municipal Employees
Examples: in-person or virtual group sessions, e-Learning, field trainings, and videos	
Describe the training provided for municipal staff.	
SPPP	In-person consultation with engineer and public works representatives. SPPP field training by public works reps to workers.
Construction Site Stormwater Runoff	Consultation by Township engineer to municipal employees. Videos supplied by NJDEP.
Post-Construction Stormwater Management in New and Redevelopment	Consultation by Township engineer to municipal employees. Videos supplied by NJDEP.
Community-wide Ordinances	In-person at township committee meetings as needed. Ordinance violations are discussed.
Community-wide Measures	In-person at township committee meetings.
Stormwater Facilities Maintenance	In-person by department of public works.

Municipal Maintenance Yards and Other Ancillary Operations	In-person by department of public works.
MS4 Mapping	The township's engineer shares to public works and available to review by public works workers. Field training.
Outfall Stream Scouring	In-field and video training
Illicit Discharge Detection and Elimination	In-field and video training

Stormwater Management Design Reviewers
Describe the training provided for individuals responsible for reviews and approvals of stormwater management designs.
Training is done with course by NJDEP as required to be compliant.

Municipal Board and Governing Body Members
Describe the training provided for members of the planning/zoning board and municipal council.
Training is in the form of online videos provided by NJDEP: https://dep.nj.gov/stormwater/stormwater-training/

Training Records
Indicate the location of training records for the above required training.
571 Petersburg Road

Form 11 – MS4 Mapping

Part IV.G.1.

1. Provide a link to the most current MS4 outfall/infrastructure map.	
https://dennistwp.org/stormwater/	
2. Indicate the total of each type of MS4 infrastructure listed below (due 01 Jan 2026).	
a. MS4 outfalls	<i>n/a</i>
b. MS4 ground water discharge points (basins or overland flow infiltration areas)	<i>n/a</i>
c. MS4 interconnections	<i>n/a</i>
d. MS4 storm drain inlets	<i>n/a</i>
e. MS4 manholes	<i>n/a</i>
f. Length of conveyance (channels, pipes, ditches, etc.)	<i>n/a</i>
g. MS4 pump stations	<i>n/a</i>
h. MS4 stormwater facilities (any that are not listed above)	<i>n/a</i>
i. Maintenance yard(s) and other ancillary operations	<i>n/a</i>
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.).	
<p>Map to be complete prior to January 2026 deadline.</p> <p>When a new construction project takes place and involves any type of stormwater infrastructure, it will be noted with the township. Newly installed stormwater structures will be located and added to the map with a revision date to the map.</p>	
4. Describe how the municipality will create and update its MS4 Infrastructure Map.	
<p>Map to be complete prior to January 2026 deadline.</p> <p>Initial creation of map will be put together by the township engineer. Data coordinates will be imported into a township wide map layout and symbolized. Any updates will occur within the same map and a revision date.</p>	

Form 12 – Watershed Improvement Plan

Part IV.H.

1. Describe how your municipality is developing its Watershed Improvement Plan.
<p>The watershed Improvement Plan is currently underway and the three phases will be complete accordingly.</p>
2. Describe any regional projects or collaboration efforts with other municipalities.
<p>The watershed Improvement Plan is currently underway and the three phases will be complete accordingly.</p>
3. Indicate the location of records related to all public information sessions and meetings for discussions of the Watershed Improvement Plan.
<p>The watershed Improvement Plan is currently underway and the three phases will be complete accordingly.</p>