

Stormwater Pollution Prevention Plan

Township of Morris

Morris County

NJG0152463

Annual Review Date: 25 February 2026

Stormwater Program Coordinator: Ronald Cerankowski

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Form 1 – Team Members

Stormwater Program Coordinator (SPC)			
Name and Title		<i>Ronald Cerankowski, Public Works Assistant Superintendent</i>	
Phone	973-326-7429	Email	rcerankowski@morristwp.com
Individual(s) Responsible for Major Development Project Stormwater Management Review			
Name and Title		<i>Joseph Vuich, Township Engineer</i>	
Phone	973-326-7400	Email	jvuich@morristwp.com
Name and Title		<i>Patrica Dannhardt, Assistant Engineer</i>	
Phone	973-326-7400	Email	PDannhardt@morristwp.com
Other Municipal Stormwater Team Members			
Name and Title			
Phone		Email	
Name and Title			
Phone		Email	
Name and Title			
Phone		Email	
Shared/Contracted Service Providers			
Provider Name	Service Provided	Term of Service	

Form 2 – Revision History

Revision Date	Form # Changed	Reason for Revision (Updates to staff, policy, webpage, etc.)
<i>4/11/24</i>	<i>All</i>	<i>Updated format, reviewed, and published</i>
<i>12/30/24</i>	<i>5</i>	<i>Updated, reviewed</i>
<i>1/29/25</i>	<i>11</i>	<i>Updated outfall map web address</i>
<i>2/25/26</i>	<i>1, 5</i>	<i>Updated Team Members, updated Tree Removal Ordinance</i>

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

1. Provide the link to the dedicated stormwater webpage for your municipality.
https://www.morristwp.com/1242/Stormwater
2. List the name and title of person(s) responsible for stormwater webpage postings/updates.
<i>Virginia Murphy, Human Resources Manager</i>
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.
<i>Township Website: https://www.morristwp.com/ Facebook: https://www.facebook.com/MorrisTwp/ Instagram: https://www.instagram.com/morristwpnj/ Township Calendar</i>

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

Part IV.E.

<p>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.</p>
<p><i>A. An individual development, as well as multiple developments that individually or collectively result in:</i></p> <p style="margin-left: 20px;"><i>(1) The disturbance of one or more acres of land since February 2, 2004; or</i></p> <p style="margin-left: 20px;"><i>(2) The creation of 1/4 acre or more of new impervious surface since February 2, 2004;</i></p> <p><i>B. Major development includes all developments that are part of a common plan of development or sale (for example, phased residential development) that collectively or individually meet any one or more of Subsection A(1) and (2) above. Projects undertaken by any government agency that otherwise meet the definition of "major development" but which do not require approval under the Municipal Land Use Law, N.J.S.A. 40:55D-1 et seq., are also considered major development.</i></p>
<p>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.</p>
<p><i>SCO is the same as NJDEP’s model SCO.</i></p>
<p>3. Describe the process for reviewing major development project applications for compliance with the SCO and Residential Site Improvement Standards (RSIS).</p>
<p><i>The applicant shall submit all of the required components of the Checklist for the Site Development Storm Water Plan at 25-9c as part of the submission of the applicant application for subdivision or site plan approval. The applicant shall demonstrate that the project meets the standards set forth in this ordinance. The applicant shall submit twenty-five (25) copies of the materials listed in the checklist for site development storm water plans in accordance with Section 29-9c of this ordinance.</i></p> <p><i>The applicant's Site Development project shall be reviewed as a part of the subdivision or site plan review process by the municipal board or official from which the municipal approval is sought. That Municipal board or official shall consult the engineer retained by the Planning and/or Zoning Board (as appropriate) to determine if all the checklist requirements have been satisfied and to determine if the project meets the standards set forth in this ordinance.</i></p>
<p>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.</p>
<p><i>Morris Township’s Municipal Stormwater Management Plan and SCO include a mitigation plan. An Ecosystem Restoration Screening Report is included. The report identifies potential restoration actions. However, major implementation factors are not included. If a developer seeking variance implements a compensating measure to mitigate, the Council will evaluate and approve. This process will include the mitigation guidance plans provided by the NJDEP. Records will be kept in the Office of the Township Engineer, 50 Woodland Ave, Morristown, NJ 07960.</i></p>

5. Indicate the dates of each iteration of the township's Stormwater Control Ordinance, starting with the initial adoption and including revisions.
<i>Adopted 9/21/2005. Amended 7/21/2021.</i>
6. Indicate the dates of each iteration of the township's Municipal Stormwater Management Plan, starting with the initial adoption and including revisions.
<i>Adopted 7/19/2006.</i>

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	3/2/05	Yes	Health Dept.	\$50
2. Wildlife Feeding	10/20/04	No. The feeding of wild animals is prohibited on both Public and Private property.	Health Dept.	\$50
3. Litter Control	9/20/23	Yes	Police, Health, Code Enforcement	\$25
4. Improper Disposal of Waste	9/12/79	Yes	Health Dept.	\$__
5. Yard Waste	10/21/88	No. Ordinance prohibits the placement of non-containerized yard waste into the street.	Engineering	\$25
6. Private Storm Drain Inlet Retrofitting	10/21/09	Yes	Engineering	\$__
7. Illicit Connections	7/19/06	Yes	Engineering	\$__
8. Privately-Owned Salt Storage	5/15/2024	Yes	Engineering, Zoning	\$__
9. Tree Removal- Replacement	3/19/25	Yes	Engineering	\$__
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.				
<i>Refuse Container/ Dumpster Ordinance, 10/21/09, Health Dept.</i>				
Indicate the location of records associated with ordinances and related violations and enforcement actions below.				
<i>Location for Ordinances are found at https://ecode360.com/MO0306 Enforcement actions are kept on Spatial Data Logic (SDL).</i>				

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.

Morris Township has determined which areas must be swept on a monthly basis. These streets are grouped together into one area. The Department of Public Works will continue with its existing program and sweep all other roads within our boundaries a minimum of three times a year.

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

N/A

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. During our annual catch basin cleaning program, we check the medallions to ensure that they are not damaged and are still visible. We will replace if necessary.*
- b. Throughout major development project construction and during repaving projects, the Township Engineer or designated representative performs site inspections and checks for proper storm drain inlet retrofits. Additionally, during day-to-day operations that entail driving through various areas of the township, DPW staff are instructed to observe storm drain inlets and note those that have not been retrofitted. If any are located along township roads or properties and are in areas that are known to have been repaved, they are identified by the staff for follow-up for retrofitting and the responsible entity is notified, if it is a private entity.*
- c. The Township Engineer checks the plans for road projects and major developments to verify that a catch basin or some sort of BMP to capture solids is included with, or downstream of, the affected storm drain inlets.*
- d. DPW staff perform inspections of all storm drain inlets at least annually as they drive the roads of the township. The staff will either decide to stop then to remove any debris off the inlet grate and surrounding area and load the debris into their trucks for proper disposal or make a note of the location to return to conduct the cleaning within 1 week. Areas that clog and flood often during storms are inspected more regularly and prior to large, forecasted storms, and cleaned if necessary*

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. Morris Township operated 3038 catch basin which are split into 4 sectors. Each year, we inspect at least 608 (20% of the total) catch basins on rotation and ensure that all catch basins are inspected at least once within the 5-year permit cycle. Areas that clog and flood often during storms are inspected more regularly and prior to large, forecasted storms, and cleaned if necessary. DPW staff conduct a visual inspection using a flashlight.*
 - b. DPW staff are trained to check for debris collected in the catch basin. If no sediment, trash, or debris is observed during the inspection, the catch basin will not be cleaned.*

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.

Stormwater pipe systems in known flood areas will be inspected as needed before and after storm events to minimize potential flooding that may be caused by accumulation of debris or blockages.

The rest of the stormwater piping system will be visually inspected periodically during cleaning of select catch basins or storm drain inlets.

Those stormwater pipe systems found with blockages or evidence of debris will be reported back to the DPW office further investigation and action, which may include additional television inspection

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.

The Township will check all outfall pipes for signs of scouring when conducting the illicit connection inspection portion of this program. All 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. In addition, repairs that do not need NJDEP permits may be completed first.

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.

We will conduct an annual physical inspection of all our outfalls. We will use the DEP Illicit Connection Inspection Report Form to conduct these inspections, and each of these forms will be kept with our SPPP records. Outfall pipes that are found to have a dry weather flow or evidence of an intermittent non-stormwater flow will be rechecked again to locate the source of the flow. If we are able to locate an illicit connection (and the connection is within Morris Township) we will cite the responsible party for being in violation of our Illicit Connection Ordinance, and we will have the connection eliminated immediately. If, after the appropriate amount of investigation, we are unable to locate the source of an illicit connection, we will submit the Closeout Investigation Form with our Annual Inspection and Recertification. If an illicit connection is found to originate from another public entity, Morris Township will report the illicit connection to the Department.

As part of the illicit connection elimination program, annual outfall inspections will include documenting conditions of the structures and discharge points with digital photographs which will be linked to the object symbols for each outfall shown on the MS4 outfall map.

<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><i>N/A</i></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><i>Maintenance of Stormwater facilities not owned or operated by the municipality are addressed through periodic inspections, emergency maintenance, and letters sent to commercial property owners advising them of their maintenance responsibilities. Permits are required for resurfacing/repair private parking areas. Permit requirements include storm drain retrofitting.</i></p>
<p>8. Infrastructure Records Indicate the location of records related to stormwater infrastructure inspection, cleaning, maintenance, and repair activities.</p>
<p><i>Morris Township Public Works Facility 6 Jane Way Morristown, NJ 07960</i></p>

Form 8 – Community-wide Measures

Part IV.F.2.

<p>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.</p>
<p><i>Morris Township shall: (1) not apply herbicides on or adjacent to storm drain inlets, or on steeply sloping ground; (2) only apply herbicides along curb lines and unobstructed shoulders that contain unwanted vegetation; and (3) only apply herbicides within a 2-foot radius around structures where overgrowth presents a safety hazard and where it is unsafe to mow.</i></p>
<p>2. Excess Deicing Material Management Describe your program for ensuring that excess salt piles are removed in a timely manner after storm events.</p>
<p><i>Morris Township's DPW staff are trained to shovel up excess salt piles that remains on roadways and parking areas within three days (72 hours) after the storm is over, conditions permitting. The salt is collected on a truck and the salt is reused during the next storm.</i></p>
<p>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.).</p>
<p><i>Tree branches that result from trimming activities are collected and brought back to the maintenance yard. These materials stored in 40 yd dumpsters and are then transferred to outside contractors or County Transfer sites. DPW staff are instructed to mow so that they can direct the exit chute from the mower back onto the grass itself, and not out into the street, parking areas or area near a storm drain inlet, etc. Leaf blowers are utilized to blow clippings back on the grass.</i></p>
<p>4. Roadside Erosion Control Describe your program to detect and repair erosion along municipal roadways.</p>
<p><i>The Morris Township Department of Public Works will monitor all roads and streets for erosion problems during normal patrols. All road erosion problems found will be reported to a Public Works foreman and scheduled for repair. Public Works will maintain a list of repairs and dates completed. All repairs will be in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey. The status of the Road Erosion Control Maintenance Program will be included in the Annual Report and Recertification.</i></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. Site Name and Address	
<i>Morris Township Public Works Facility 6 Jane Way Morristown, NJ 07960</i>	
2. Monthly Site Inspections	
Describe the nature of inspections conducted at this site and the location of inspection logs.	
<i>Daily inspections are conducted by DPW crew during daily operations. A trained DPW crew member walks the whole site at least once each month to ensure that all materials and machinery stored outside are stored in such a way that minimizes exposure to stormwater, ensuring the materials are on impervious surfaces as required, and completely covered. We check the condition of the salt dome to ensure that materials are protected from exposure to rain, snow, and stormwater running across the paved surfaces. The inspector checks the condition of salt loaders and spreaders and addresses any material spillage from loading and unloading operations.</i>	
<i>Remedial actions taken during inspection, as well as those that are still needed, are noted in the inspection log. Follow-up actions are scheduled for completion within one week. Specifically, we check if outdoor containers are covered and placed on spill platforms or clean pallets and labels are in good condition. We check that spill kits are accessible near liquid transfer areas. We check if bulk liquids are protected with secondary containment and that all accessories (hoses, valves, etc.) are in good condition and within the containment area. We check that all outdoor refuse containers and dumpsters are always covered. We keep all inspection records in the DPW office.</i>	
3. Inventory List	
List all materials and machinery that are potentially exposed to stormwater.	
Materials	Machinery/Equipment
<i>3/4 QP, 3/4 stone, 2" stone, Rip Rap</i>	<i>Garbage trucks</i>
<i>Cardboard, newspaper, glass</i>	<i>Dump Trucks</i>
<i>Aluminum, light metal.</i>	<i>Sweeper</i>
<i>Broken asphalt/concrete, dirt spoils pile, logs.</i>	<i>Jet-Vac Truck</i>
<i>Street sweepings</i>	<i>Front End Loader</i>
	<i>Mini Excavator</i>
4. Discharge of Stormwater from Secondary Containment	
Describe the process in place for discharging stormwater from secondary containment areas where outdoor containers are stored.	
<i>N/A</i>	

<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><i>Fueling occurs on site. Vehicle and equipment fueling procedures and practices are designed to minimize surface or ground waters. We use drip pans and block storm sewer inlets during bulk fueling and have staff present to observe the process. We have signs posted in the fueling area prohibiting topping off and posting emergency contacts. A spill kit is located at the fueling pumps. Site inspected by third party in accordance to JIF requirements. Double wall UST, valve pits/tank connections within lined pit.</i></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><i>Vehicle maintenance for the Public Works is performed at the Jane Way location and inspections occur once a month. Vehicle maintenance performed indoors whenever possible. If maintenance is completed outdoors, it is conducted away from storm drains. Absorbent pads available. Drip pans used at all times.</i></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><i>All on-site vehicle washing is performed inside where the discharge water is diverted to the sanitary sewer system to be treated.</i></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><i>The Morris Township Department of Public Works stock piles its de-icing salt at the DPW yard located on Jane Way off West Hanover Avenue. The storage structure is a permanent domed building with a capacity of 1,100 tons. Public Works also stores calcium chloride at this location. When snow grits are used as a supplement, they are mixed with the salt and stored inside the dome.</i></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><i>The Morris Township Department of Public Works stock piles its aggregates at the Public Works yard located on Jane Way off West Hanover Avenue. Stockpiles are surrounded by concrete blocks on three (3) sides, away from stormwater inlets.</i></p>

<p>10. Cold Patch Asphalt</p> <p>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><i>The Township of Morris does not store cold patch asphalt on site. Required material is picked up at the plant as needed.</i></p>
<p>11. Street Sweepings and Storm Sewer Cleanout Materials</p> <p>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><i>The Morris Township Department of Public Works stock piles its spoils at the Public Works yard located on Jane Way off West Hanover Avenue. Stockpiles are surrounded by concrete blocks on three (3) sides.</i></p>
<p>12. Construction and Demolition Waste, Wood Waste, and Yard Trimmings</p> <p>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><i>All yard waste is stored in 40 yd dumpsters and transferred to outside contractors or County Transfer sites.</i></p>
<p>13. Scrap Tires</p> <p>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><i>Scrap tires are stored onsite in an enclosed container prior to disposal.</i></p>
<p>14. Inoperable Vehicles and Equipment</p> <p>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><i>We store inoperable vehicles onsite and utilize drip pans and tarps to prevent stormwater run-on or run-off. Any equipment or vehicles that are stored are also inspected monthly.</i></p>

Form 10 – Training

Part IV.F.6-10.

Stormwater Program Coordinators
Describe the training provided for the municipal Stormwater Program Coordinator.
<i>The Stormwater Program Coordinator (SPC) for Morris Township attends NJDEP training every permit cycle. Training covers the SPC responsibilities, permit conditions, annual reporting, and required submissions and documentation.</i>

Topic	Municipal Employees
Examples: in-person or virtual group sessions, e-Learning, field trainings, and videos	
Describe the training provided for municipal staff.	
SPPP	<p><i>Morris Township trains staff whose job duties support the stormwater program. Training on the site-specific details in the SPPP, review MS4 permit requirements, and record-keeping is conducted annually via combined in-person/virtual training.</i></p> <p><i>This and all these training modules listed below are also recorded and made available for informational purposes for staff to re-review certain material presented, and for any absent or new staff, or staff that takes on new responsibilities prior to the next training session.</i></p>
Construction Site Stormwater Runoff	<p><i>Staff responsible for inspections of construction projects that disturb one acre of soil or more, are trained annually on related MS4 permit conditions. Property owners must obtain a 5G3 permit from NJDEP prior to commencement of construction activities and must comply with their approved soil erosion and sediment control plan.</i></p>
Post-Construction Stormwater Management in New and Redevelopment	<p><i>Staff responsible for implementing stormwater permit requirements receive an annual review of the fundamentals of the municipality’s postconstruction stormwater management program to address stormwater runoff. Training explains the municipality’s definition of major development and the interconnection among the Stormwater Management rules at N.J.A.C. 7:8, the Morris Township SCO, stormwater permit conditions, the Department’s BMP Manual, and Guidance Documents. For example, we identify where the Department’s maintenance guidance is available on the website for DPW staff reference when an approved maintenance plan does not exist.</i></p>
Ordinances	<p><i>Staff responsible for approving and/or enforcing stormwater-related ordinances receive annual training on related MS4 permit conditions and to review the purpose of each ordinance and what steps to take if violations are reported.</i></p>
Community-wide Measures	<p><i>Staff responsible for conducting activities associated with community-wide stormwater management measures attend annual training to discuss the MS4 permit requirements and town specific measures employed to comply with the street sweeping, storm drain inlets (labeling, retrofitting, and installations), herbicide application, de-icing operations, roadside vegetative waste, and roadside erosion control requirements. Information is also presented regarding</i></p>

	<i>current best management practices, safety equipment and procedures, frequency of activities, and proper documentation of work.</i>
Stormwater Facilities Maintenance	<i>Staff responsible for conducting activities associated with inspections, maintenance and repair of stormwater infrastructure attend annual training on the MS4 related permit requirements. This training details what infrastructure is to be maintained according to approved manufacturers' maintenance plans, versus the remaining infrastructure that is to be maintained according to the NJDEP's BMP Manual. Training also includes requirements for current BMPs, safety equipment and procedures, frequency of activities, and proper documentation of work.</i> <i>All types of stormwater infrastructure in the Township are addressed in the training, which includes but is not limited to storm drain inlets, catch basins, piped and open swale MS4 conveyances, stormwater infiltration basins, and manufactured treatment devices</i>
Municipal Maintenance Yards and Other Ancillary Operations	<i>Staff responsible for conducting activities associated with our municipal maintenance yard attend annual training to discuss related MS4 permit conditions, current best management practices, safety equipment and procedures, frequency of activities, and proper documentation of work.</i>
MS4 Mapping	<i>Outside personnel responsible for the preparation and submission of the Township's electronic stormwater infrastructure map shall attend annual training to review the MS4 permit requirements for electronic mapping</i>
Outfall Stream Scouring	<i>Staff responsible for conducting inspections and repairs of stormwater outfalls attend annual training to discuss how to identify, remediate, and document cases of stream scouring as described in the MS4 permit. Training also includes current best management practices, safety equipment and procedures, frequency of activities, and proper documentation of work.</i>
Illicit Discharge Detection and Elimination	<i>Staff responsible for conducting inspections and repairs of stormwater outfalls attend annual training to discuss how to identify, remediate, and document cases of illicit discharge as described in the MS4 permit. Training also includes current best management practices, safety equipment and procedures, frequency of activities, and proper documentation of work.</i>

Stormwater Management Design Reviewers
Describe the training provided for individuals responsible for reviews and approvals of stormwater management designs.
<i>Individuals who review and approve stormwater management designs for major developments on behalf of the municipality are required under the MS4 permit to attend the mandatory NJDEP Stormwater Management Design Review course at least once every 5 years. They are required by the MS4 permit to also attend mandatory NJDEP training on amendments to the stormwater management rules at N.J.A.C. 7:8</i>

Municipal Board and Governing Body Members
Describe the training provided for members of the planning/zoning board and municipal council.
<p><i>Within 6 months of joining town council or the planning or zoning board, each member is required under the MS4 permit to watch the NJDEP video titled, Asking the Right Questions in Stormwater Review https://nj.gov/dep/stormwater/asking_the_right_questions.html.</i></p> <p><i>Each term thereafter, members are required to watch another NJDEP video from the choices provided on the stormwater training webpage:</i></p> <p><i>Stormwater Management Rules Applicability https://nj.gov/dep/stormwater/training.htm</i></p> <p><i>Stormwater Management Rules Planning https://nj.gov/dep/stormwater/training.htm</i></p> <p><i>Stormwater Management Rules Design & Performance https://nj.gov/dep/stormwater/training.htm</i></p> <p><i>Stormwater Management Rules Safety https://nj.gov/dep/stormwater/training.htm</i></p> <p><i>Stormwater Management Through General Permit for MS4s https://nj.gov/dep/stormwater/training.htm.</i></p>

Training Records
Indicate the location of training records for the above required training.
<i>Training records for each department will be kept at respective location.</i>

Form 11 – MS4 Mapping

Part IV.G.1.

1. Provide a link to the most current MS4 outfall/infrastructure map.	
https://www.morristwp.com/DocumentCenter/View/12261/Stormwater-MS4-OUTFALL-MAP	
2. Indicate the total of each type of MS4 infrastructure listed below (due 01 Jan 2026).	
a. MS4 outfalls	299
b. MS4 ground water discharge points (basins or overland flow infiltration areas)	
c. MS4 interconnections	
d. MS4 storm drain inlets	
e. MS4 manholes	
f. Length of conveyance (channels, pipes, ditches, etc.)	
g. MS4 pump stations	
h. MS4 stormwater facilities (any that are not listed above)	
i. Maintenance yard(s) and other ancillary operations	
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><i>The Engineering Department utilizes the latest automatic computer aided design (AutoCAD) civil 3D software to complete detailed engineering designs of the improvements to the Township infrastructure. Information developed by the engineering department is maintained by the Engineering Department with the use of a Graphic Information System (GIS).</i></p>	
4. Describe how the municipality will create and update its MS4 Infrastructure Map.	
<p><i>The Engineering Department will continue to utilize a Graphic Information System (GIS) to keep the MS4 Infrastructure Map current and up-to-date.</i></p>	

Form 12 – Watershed Improvement Plan

Part IV.H.

1. Describe how your municipality is developing its Watershed Improvement Plan.
<i>Morris Township is gathering data to meet the requirements for the phase 1, Watershed Inventory Report, which is due and will be posted on our stormwater webpage by 01/01/2026.</i>
2. Describe any regional projects or collaboration efforts with other municipalities.
3. Indicate the location of records related to all public information sessions and meetings for discussions of the Watershed Improvement Plan.
<i>Records of all comments received during scheduled public information sessions and minutes of meetings held will be maintained by the Borough Clerk's office and/or Engineer's Office.</i>