

# Stormwater Pollution Prevention Plan

*Borough of North Plainfield  
Somerset County\  
NJPDES: NJG0149586  
PI ID: 203158*



Annual Review Date: 10/7/24

Stormwater Program Coordinator:  
David Testa, P.E.

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### Form 1 – Team Members

<b>Stormwater Program Coordinator (SPC)</b>			
Name and Title	David Testa, PE, Borough Engineer		
Phone	908-272-8901	Email	dtesta@grottoengineering.com
<b>Individual(s) Responsible for Major Development Project Stormwater Management Review</b>			
Name and Title	David Testa, P.E., Borough Engineer		
Phone	908-272-8901	Email	dtesta@grottoengineering.com
Name and Title	Frank Farrell, P.E., Grotto Engineering Assoc.		
Phone	908-272-8901	Email	ffarrell@grottoengineering.com
<b>Other Municipal Stormwater Team Members</b>			
Name and Title	David Hollod, Business Administrator		
Phone	908-769-2950	Email	Dhollod@northplainfieldnj.gov
Name and Title	Angelo Costello, DPW Foreman		
Phone	908-296-8945	Email	Acostello@northplainfieldnj.gov
Name and Title	Michel Irby-Garry, Clerk		
Phone	908-769-2904	Email	Mgarry@northplainfieldnj.gov
<b>Shared/Contracted Service Providers</b>			
Provider Name	Service Provided	Term of Service	
N/A			

## Form 2 – Revision History

Revision Date	Form # Changed	Reason for Revision (Updates to staff, policy, webpage, etc.)
<i>11/22/21</i>	<i>All</i>	<i>Revision of SPPP w/NJDEP Templates</i>
<i>12/15/23</i>	<i>All</i>	<i>Update emails and URL's</i>
<i>10/7/24</i>	<i>All</i>	<i>New SPPP forms per NJDEP requirements</i>

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

1. Provide the link to the dedicated stormwater webpage for your municipality.
<i><a href="https://northplainfieldnj.gov/government/departments/dpw/stormwater.php">https://northplainfieldnj.gov/government/departments/dpw/stormwater.php</a></i>
2. List the name and title of person(s) responsible for stormwater webpage postings/updates.
David Testa, P.E., Borough Engineer
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.
<p>For meetings where public notice is required under the Open Public Meetings Act ("Sunshine Law", N.J.S.A. 10:4-6 et seq.) the Borough of North Plainfield provides public notice in a manner that complies with the requirements of that Act. Also, in regard to the passage of ordinances, the Borough of North Plainfield provides public notice in a manner that complies with the requirements of N.J.S.A. 40:49-1 et seq. The Courier New is the newspaper of record for publishing notices. In addition, for municipal actions (e.g., the adoption of the municipal stormwater management plan) subject to public notice requirements in the Municipal Land Use Law (N.J.S.A. 40:55D-1 et seq.), the Borough of North Plainfield also complies with those requirements.</p> <p>Events and activities are communicated throughout the calendar year via direct mailing, email newsletters, Facebook and website postings.</p>

**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>“Major development” means an individual “development,” as well as multiple developments that individually or collectively result in:</p> <ol style="list-style-type: none"><li>1. The disturbance of one or more acres of land since February 2, 2004;</li><li>2. The creation of one-quarter acre or more of “regulated impervious surface” since February 2, 2004;</li><li>3. The creation of one-quarter acre or more of “regulated motor vehicle surface” since March 2, 2021; or</li><li>4. A combination of 2 and 3 above that totals an area of one-quarter acre or more. The same surface shall not be counted twice when determining if the combination area equals one-quarter acre or more.</li></ol> <p>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 paragraphs 1, 2, 3, or 4 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.”</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>The Borough adopted the NJDEP Model Ordinance.</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>Applications for private development are reviewed by the pertinent review agency (Planning Board and/or Zoning Board of Adjustment) and the Board Engineer to ensure compliance with the municipal SCO and RSIS. Stormwater management systems for municipal major development projects are designed by the Borough Engineer and reviewed by the Board Engineer to ensure compliance with the SCO and RSIS. During construction of municipal and non-municipal development projects, the Borough Engineer regularly inspects construction progress to confirm that stormwater improvements meet the standards of the approved site plan and construction details.</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.
Yes. No variances have been granted to date.
5. Indicate the dates of each iteration of the township's Stormwater Control Ordinance, starting with the initial adoption and including revisions.
Initial Adoption- 8/14/2006 Revision adopted 9/22/2008 Revision Adopted 11/17/2020 Revision Adopted 4/12/2021 Revision Adopted 3/11/2024
6. Indicate the dates of each iteration of the township's Municipal Stormwater Management Plan, starting with the initial adoption and including revisions.
Initial adoption -7/13/2005 Revised December 2006 Revised 11/22/21

**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	8/14/2006	No- Borough Amended Chapter 5-3 of the Borough Ordinance to comply with the requirements	Police	\$100
2. Wildlife Feeding	8/14/2006	Yes	Police/ Prop Maint.	\$1250 NTE
3. Litter Control	8/14/2006	No- Chapter 3-1 was determined to be in compliance	Police/Prop. Maint.	\$100
4. Improper Disposal of Waste	8/14/2006	Yes	Police/Prop. Maint.	\$Summons
5. Yard Waste	8/14/2006	Yes	Prop. Maint	\$Summons
6. Private Storm Drain Inlet Retrofitting	3/22/2010	Yes	Engineering /DPW	\$1250 /NTE
7. Illicit Connections	8/14/2006	Yes	Engineering /DPW	\$1250/ NTE
8. Privately-Owned Salt Storage	11/27/2023	Yes	Engineering /DPW	\$500
9. Tree Removal- Replacement	1998	No- Chapter 2-28 was determined to be in compliance	Engineering/ DPW/Prop. Maint.	\$100

**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.**

Section 22-114- Floodplain Management Regulations – Adopted 9/13/2021  
(<https://ecode360.com/35429075#35429075>)

**Indicate the location of records associated with ordinances and related violations and enforcement actions below.**

Ordinance records are located in the Office of the Borough Clerk, 263 Somerset Street, N Plainfield, NJ 07060

Record of violations and enforcement would be kept by the office of the applicable enforcement agency.



## 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 Borough of North Plainfield currently sweeps all applicable municipal streets monthly. All other municipal streets will be swept when time and resources allow.

A Street Sweeping Log with dates is being kept.

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

Sweeping is 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. All Municipal inlets were labeled by April 1, 2007. All Municipal inlets labels are checked when the inlets are inspected in the Spring of each year.
- b. All Municipal inlets are retrofitted as part of Borough milling and paving road projects. When a privately owned property is being repaved the Borough requires them to retrofit their inlets.
- c. New storm drain inlets are designed by the Borough Engineer to conform to the current permit requirements for catch basins/BMP's. All proposed privately owned inlets are reviewed during plan development by the Board Engineer for permit compliance. Construction is monitored by the Borough Engineer to ensure plan conformance.
- d. All municipal storm drain inlets are inspected at least annually by DPW staff. Areas subject to frequent flooding or stormwater backups are inspected more frequently. Debris and material found to be clogging an inlet is removed by DPW staff and properly disposed. Residents are encouraged to monitor inlets adjacent to their property and clear debris as needed.

**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. All Municipal catch basins are checked when the inlets are inspected in the Spring of each year.
- b. If the catch basin contains debris such as leaves and sediment, the debris is removed by hand. An estimate is made of the volume of debris removed for recordkeeping purposes, and then the debris is properly disposed by the Public Works Department.

### **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.

Roadside ditches and swales are monitored by DPW staff while out conducting regular Borough maintenance. Trash and excessive debris is removed immediately.

Stormwater pipes are cleaned by a contractor using a vacuum truck during adjacent road improvement projects. Storm sewer backups and clogs are investigated as soon as they are noted and/or reported. If the clog is determined to be caused by debris within a pipe, the pipe is cleaned within three weeks by the DPW or an independent contractor.

Particular locations identified as sustaining more frequent debris accumulation or clogging (as noted by DPW staff or reported by residents) are monitored more regularly.

### **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.

There are 86 outfalls in the Borough. Each outfall is inspected at least once every five years. Typically, more frequent (annual) inspections are conducted. The inspection includes evaluation of the pipe condition, bank stability, and identification of any localized steam scouring caused by the outfall. Photographs are taken if possible.

The department's Outfall Inspection Form is utilized for municipal outfall inspections and recordkeeping.

If stream scouring is identified, remedial action is taken as soon as possible, and within 12 months. The Department's Stream Scouring Investigation Recordkeeping Form is utilized for each incidence of stream scouring identified. The Borough Engineer is consulted regarding appropriate repair and remediation methods. Stream scouring restoration is made in accordance with the following:

- Standards for Soil Erosion and Sediment Control in New Jersey.
- Requirements for bank stabilization and channel restoration found at N.J.A.C. 7:13.
- Requirements in accordance with N.J.A.C. 7:8.
- Borough Stormwater Control Ordinance.
- Residential Site Improvement Standards.

If a previously unidentified outfall is located, it is immediately inspected. The MS4 infrastructure map is updated accordingly within the same calendar year

## **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.

### ***Initial Physical Inspection:***

The Borough consulting engineer conducted an initial physical inspection of all municipally owned outfall pipes during the outfall mapping process. Inspections were conducted using the DEP Illicit Connection Inspection Report Form. Each of these forms is kept with the Borough's SPPP records.

### ***Illicit Connection Elimination Program:***

Outfall pipes that were found to have dry weather flow or evidence of intermittent non-stormwater flow will be investigated to locate the illicit connection. If the Borough is able to locate the illicit connection (and the connection is within the Borough of North Plainfield) the responsible party will be notified immediately, and a citation will be issued if the connection is not corrected or removed within six (6) months of discovery.

If, after the appropriate amount of investigation, the Borough is unable to locate the source of the illicit connection, the Closeout Investigation Form will be submitted with the Annual Inspection and Recertification.

If an illicit connection is found to originate from another public entity, the Borough will report the connection to the Department, and also notify the municipality from which it appears to originate.

The Borough will at minimum, continue to inspect for illicit connections during day to day operations and when reported through residential complaints. Inspections will also be conducted while completing the outfall pipe stream scouring detection, Remediation and Maintenance Program (See Form 14), if the inspection is preceded by a 72-hour dry weather period.

### ***Reporting Illicit Connections:***

Residents can report illicit connections to the Borough by contacting the local police department at (908)769-2900, or to the NJDEP hotline by calling 1-877-WARNDEP.

❖ The following NJDEP forms have been included in the Attachments:

- Illicit Connection Inspection Report Form, to be completed for each municipal outfall
- Closeout Investigation Form, to be completed and submitted where appropriate

**If dry weather flow is encountered, the Illicit Connection Inspection Report and Closeout Investigation Forms must be submitted to the NJDEP with the Annual Certification Report. Otherwise, the Illicit Connection Inspection Report Form should be kept with the SPPP for NJDEP review.**

**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.

The Borough does not have ownership of any other MS4 Infrastructure that would require inspection or maintenance.

**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.

Private stormwater facilities are required by Borough Ordinance to be operated and maintained by the individual property owners with inspection reports to be submitted to the Borough yearly. Reporting should include the following information at minimum: (1) Facility type and location; (2) Facility inspection date(s); (3) Date(s) and description of maintenance activities performed; and (4) Date(s) and description of any repairs made. The private stormwater facility owners are required to maintain the stormwater facilities in accordance with the long-term maintenance plan approved during site plan review, and/or practices described in the BMP Manual. NJDEP inspection forms may be utilized for reporting purposes. These documents are then kept in a file by the Borough DPW. Failure to comply with the ordinance may result in a violation notice or summons being issued with possible fines as per ordinance.

**8. Infrastructure Records**

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

Infrastructure records are kept by the Borough DPW office.

## Form 8 – Community-wide Measures

### Part IV.F.2.

<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.
The Borough does not utilize herbicides for management of vegetation.
<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.
Within one day (24 hours) of a storm event where de-icing is required on municipal roadways, the DPW crew surveys salted routes and shovels up excess salt piles that remain. The excess salt is reused if possible; otherwise it is properly disposed. The DPW staff are trained to minimize deposits of excess salt during de-icing operations.
<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.).
Wood Waste: Residential and municipally generated wood waste is loaded into garbage trucks and taken directly to the Plainfield Solid Waste Utility for disposal For trees removed by our tree contractor they chip all waste and remove to their own facility. Yard Trimmings: The DPW performs roadside grass trimming using mowers that mulch the clippings back onto the grassed areas. Grass trimmings are not blown or deposited into storm drain inlets or other stormwater facilities. All Residential grass yard trimmings are put into Borough vehicles and the vehicles are transported directly to the Plainfield Solid Waste Utility when full. The Borough does not stockpile any of this debris in our yard.
<b>4. Roadside Erosion Control</b> Describe your program to detect and repair erosion along municipal roadways.
During its routine maintenance activities, the DPW crew inspect the roadside for signs of erosion and sedimentation. All roadside areas are evaluated at least once per year. If erosion is detected that can be remediated by planting or re-establishing vegetation, the DPW makes the repair within 90 days. If more extensive repairs are required, such as installation of rip rap, the Borough Engineer is notified.

**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: \_\_\_\_\_*

<b>1. Site Name and Address</b>	
<i>254 Steiner Place, North Plainfield, NJ 07060</i>	
<b>2. Monthly Site Inspections</b> Describe the nature of inspections conducted at this site and the location of inspection logs.	
At least once monthly, the DPW Supervisor or designated trained DPW staff member inspects all aspects of the maintenance yard. The inspector ensures that stormwater protection measures are in place, including but not limited to: fuel tanks are secure and not leaking; machinery stored outside is not leaking substances; materials stored outside are completely covered and tarps are in good condition; containers and dumpsters are covered; secondary containment structures are properly secured. Inspection logs are kept on site at the DPW yard, and copies are provided annually to the Borough Engineer.	
<b>3. Inventory List</b> List all materials and machinery that are potentially exposed to stormwater.	
<b>Materials</b>	<b>Machinery/Equipment</b>
Traffic Cones and Barricades	Loaders- 3
Waste oil Tank	Garbage Trucks-2
	Large Dump Trucks-1
	Pick up trucks-4
	Roll Off Truck-1
	Small Dump Trucks-3
	Salt Spreaders- 7
	Plows- 8
<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.	
<i>Waste Oil Tank- has an asphalt berm/curb installed around perimeter</i>	

<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- Tanks are Underground. Closest Storm Inlets are blocked with absorbent booms during bulk fuel delivery.</p> <p>Fueling facility is inspected once per month by our licensed operator with reports kept in the DPW files. Repairs are made to any equipment, tanks, pumps, piping and fuel dispensing equipment found to be leaking or in disrepair. Signs are posted at fueling stations to stay in view of the fueling nozzle and prevent fuel tank top off. Spill kits are kept on site in case of an emergency. Trained DPW staff oversee all bulk fuel deliveries. Municipal employee is always on site during bulk transfer of fuel.</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- some repairs are done on site but they are done inside the garage. Other repairs are outsourced to larger vehicle/equipment repair dealers.</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>We do not wash our vehicles on site. When needed we go to the local car wash or to Somerset County truck wash.</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>Salt is stored on site in a salt dome. Inspections for spilled and tracked salt are conducted immediately after loading and unloading activities. The storage area is swept and kept clean using dry cleaning methods.</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>None of these are stored on site. Tree work is done by our tree contractor. When leaves are picked up they are taken to the Plainfield Sewer Utility dump. Mulch and wood chips are not processed or stored onsite (playground mulch is ordered and used immediately). No leaf compost is processed or stored onsite.</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>Cold patch, if used is from bags that are stored inside. We use hot mix asphalt that is stored in our hot box during pothole repairs.</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>Street sweeping are dumped into a roll-off dumpster in our yard until full and then taken to the Plainfield Sewer Utility for disposal. Dumpster in yard is kept covered with a tarp. Material collected during catch basin cleanout is stored temporarily (no more than 2 weeks) in trucks covered with tarps.</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>None stored on site. Any that are picked up are taken directly to the Plainfield Sewer Utility for disposal.</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>Any scrap tires are kept inside the garage until they can be picked up or taken to tire disposal facility.</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>Inoperable equipment (if any) is stored outside waiting for auction and has drip pans underneath if leaking fluids. The drip pans are monitored monthly.</p>

## Form 10 – Training

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

<b>Stormwater Program Coordinators</b>
Describe the training provided for the municipal Stormwater Program Coordinator.
NJDEP Stormwater Program Coordinator Training- 8/22/2023(Valid thru 12/31/2027)

<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	At least once per year, the Borough Engineer provides SPPP training for municipal staff via e-learning and/or in-person meetings. This training typically occurs when the SPPP is updated, at the time of MSRP annual report preparation, and throughout the year if specific questions or issues arise. Intensive training occurs with every new MS4 permit cycle. The Borough Engineer reviews new permit requirements and changes to existing permit requirements. The Borough Engineer distributes a comprehensive summary to the municipal SPC, Borough Administrator, Clerk, Public Works Superintendent, Governing Body Members, Board Members, and Board Professionals.
Construction Site Stormwater Runoff	The Borough Engineer, and designated inspectors from their office, perform construction inspection for development (major and otherwise) in the Borough of North Plainfield. These individuals are trained by the Borough Engineer regarding Soil Conservation District standards, soil erosion and sediment control methods, non-compliance reporting, and the need for NJDEP 5G3 permit authorization.
Post-Construction Stormwater Management in New and Redevelopment	The Department of Public Works Superintendent provides annual in-person and video-based training to DPW staff regarding construction, maintenance and operation of municipal stormwater management facilities. Webinars are available from NJDEP and NJMEL: <a href="https://njmel.org/mel-safety-institute/webinars/">https://njmel.org/mel-safety-institute/webinars/</a> The Borough Engineer provides annual e-learning training to municipal administration staff regarding submission of reports for maintenance and repair of stormwater management facilities on private property.
Community-wide Ordinances	Municipal departments responsible for enforcement of each community-wide ordinance provide training to pertinent staff. A review of enforcement and violations issued is conducted annually in conjunction with the Borough Engineer.

Community-wide Measures	<p>The Department of Public Works Superintendent provides annual in-person and video-based training to DPW staff regarding pollution prevention and good housekeeping measures related to street sweeping, storm drain inlets, herbicide application, de-icing operations, roadside vegetative waste, and roadside erosion control requirements. Webinars are available from NJDEP and NJMEL:</p> <p><a href="https://dep.nj.gov/stormwater/stormwater-training/#dpw-training/">https://dep.nj.gov/stormwater/stormwater-training/#dpw-training/</a>  <a href="https://njmel.org/mel-safety-institute/webinars/">https://njmel.org/mel-safety-institute/webinars/</a></p>
Stormwater Facilities Maintenance	<p>The Department of Public Works Superintendent provides annual in-person and video-based training to DPW staff regarding inspection, maintenance and repair of municipal stormwater infrastructure. The required inspection frequency is reviewed, as well as facility-specific information for various types of stormwater facilities present in the Borough. Webinars are available from NJDEP and NJMEL:</p> <p><a href="https://dep.nj.gov/stormwater/stormwater-training/#dpw-training/">https://dep.nj.gov/stormwater/stormwater-training/#dpw-training/</a>  <a href="https://njmel.org/mel-safety-institute/webinars/">https://njmel.org/mel-safety-institute/webinars/</a></p>
Municipal Maintenance Yards and Other Ancillary Operations	<p>The Department of Public Works Superintendent provides annual in-person training to DPW staff regarding maintenance and operation at the Borough DPW yard. The required inspection frequency is reviewed, as well as BMP measures taken at the DPW yard to implement MS4 permit requirements.</p>
MS4 Mapping	<p>The Borough Engineer (Grotto Engineering Associates), ensures that its staff receives appropriate training to develop the Borough MS4 Infrastructure Map according to permit requirements. These requirements are thoroughly reviewed with each permit cycle.</p>
Outfall Stream Scouring	<p>The Department of Public Works Superintendent provides annual in-person and video-based training to DPW staff regarding scour at municipal outfalls. The outfall location map is reviewed. Webinars are available from NJDEP and NJMEL:</p> <p><a href="https://dep.nj.gov/stormwater/stormwater-training/#dpw-training/">https://dep.nj.gov/stormwater/stormwater-training/#dpw-training/</a>  <a href="https://njmel.org/mel-safety-institute/webinars/">https://njmel.org/mel-safety-institute/webinars/</a></p>
Illicit Discharge Detection and Elimination	<p>The Department of Public Works Superintendent provides annual in-person and video-based training to DPW staff regarding detection and elimination of illicit discharge. Webinars are available from NJDEP and NJMEL:</p> <p><a href="https://dep.nj.gov/stormwater/stormwater-training/#dpw-training/">https://dep.nj.gov/stormwater/stormwater-training/#dpw-training/</a>  <a href="https://njmel.org/mel-safety-institute/webinars/">https://njmel.org/mel-safety-institute/webinars/</a></p>

<b>Stormwater Management Design Reviewers</b>
Describe the training provided for individuals responsible for reviews and approvals of stormwater management designs.
Per MS4 permit requirements, individuals who review and approve stormwater management designs for major development on behalf of the municipality are required to attend the NJDEP Stormwater Management Design Review (SWMDR) course at least once every five (5) years. These individuals also must take NJDEP training following amendments to the stormwater management rules at N.J.A.C. 7:8. The Borough Engineer, Planning Board Engineer, and Zoning Board Engineer comply with the training requirements listed above.

<b>Municipal Board and Governing Body Members</b>
Describe the training provided for members of the planning/zoning board and municipal council.
Per MS4 permit requirements, municipal Board and Governing Body members who review and approve applications for development and redevelopment projects must complete the training listed below. This includes Planning Board Members, Zoning Board Members, and Committee Members who serve as liaisons to the Boards.
Initial Training: “Asking the Right Questions in Stormwater Review Training Tool” <a href="https://nj.gov/dep/stormwater/arq/">https://nj.gov/dep/stormwater/arq/</a>
Once per term of service thereafter, review at least one of the following training tools accessed from the following link: <a href="https://dep.nj.gov/stormwater/stormwater-training/#reviewers-training">https://dep.nj.gov/stormwater/stormwater-training/#reviewers-training</a>
<ul style="list-style-type: none"> <li>• Stormwater Management Rules Applicability</li> <li>• Stormwater Management Rules Planning</li> <li>• Stormwater Management Rules Design &amp; Performance</li> <li>• Stormwater Management Rules Safety</li> <li>• Stormwater Management Through General Permit for MS4s</li> </ul>

<b>Training Records</b>
Indicate the location of training records for the above required training.
Records of training are located at the offices of the Department of Public Works, Borough Clerk, and Planning/Zoning Board Secretary.

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

1. Provide a link to the most current MS4 outfall/infrastructure map.	
<p align="center"><a href="https://docs.northplainfieldnj.gov/stormwater/StormWaterOutfall.pdf">https://docs.northplainfieldnj.gov/stormwater/StormWaterOutfall.pdf</a></p>	
2. Indicate the total of each type of MS4 infrastructure listed below (due 01 Jan 2026).	
a. MS4 outfalls	86
b. MS4 ground water discharge points (basins or overland flow infiltration areas)	TBD
c. MS4 interconnections	TBD
d. MS4 storm drain inlets	546
e. MS4 manholes	TBD
f. Length of conveyance (channels, pipes, ditches, etc.)	TBD
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.).	
<p>The existing Outfall Map is reviewed annually by the Borough Engineer and updated if, during the past calendar year, new municipal outfalls were constructed or identified. If new information is added to the map, the new data is submitted to the Borough’s MS4 Case Manager.</p>	
4. Describe how the municipality will create and update its MS4 Infrastructure Map.	
<p>The comprehensive MS4 Infrastructure Map is under development. The Borough Engineer is coordinating with the DPW and other municipal leaders to systematically inventory all MS4 components. Once fully developed, the map will be reviewed annually by the Borough Engineer. If/when new municipal MS4 structures are identified or modified, the DPW Superintendent will notify the Borough Engineer. The Borough Engineer also monitors new construction in the Borough and will inventory any new MS4 infrastructure installations. The Borough Engineer will coordinate all necessary updates to the MS4 Infrastructure Map. New data will be submitted to the Borough’s MS4 Case Manager.</p>	

## Form 12 – Watershed Improvement Plan

### *Part IV.H.*

<b>1. Describe how your municipality is developing its Watershed Improvement Plan.</b>
<p>The Borough is beginning the inventory phase of the Watershed Improvement Plan (WIP). The Borough Engineer is leading the effort to identify and geolocate the following:</p> <ul style="list-style-type: none"><li>• Drainage areas and receiving waterbodies for all outfalls</li><li>• Water quality classification for receiving waterbodies</li><li>• Up-to-date TMDL and water quality impairment areas</li><li>• Impervious areas</li><li>• Location, ownership and type of private SWM facilities</li></ul>
<b>2. Describe any regional projects or collaboration efforts with other municipalities.</b>
TBD
<b>3. Indicate the location of records related to all public information sessions and meetings for discussions of the Watershed Improvement Plan.</b>
All meeting notices, agendas, minutes and other public records are kept in the office of the Municipal Clerk.