

Stormwater Pollution Prevention Plan

Township of Greenwich

Gloucester County

NJPDES#: NJG0151009

Annual Review Date: February 28, 2024

Stormwater Program Coordinator: Robert Schoch

Table of Contents

Form 1 – Team Members	3
Form 2 – Revision History	4
Form 3 – Public Announcements.....	5
Form 4 – Post-Construction Stormwater Management in New Development and Redevelopment ...	6
Form 5 – Ordinances	8
Form 6 – Street Sweeping.....	10
Form 7 – MS4 Infrastructure	11
Form 8 – Community-wide Measures	15
Form 9 – Municipal Maintenance Yards & Other Ancillary Operations	16
Form 10 – Training.....	20
Form 11 – MS4 Mapping	28
Form 12 – Watershed Improvement Plan	29

Form 1 – Team Members

Stormwater Program Coordinator (SPC)			
Name and Title		Robert Schoch Greenwich Township Superintendent of Public Works	
Phone	(856) 224-0373	Email	bschoch@greenwichtwp.com
Individual(s) Responsible for Major Development Project Stormwater Management Review			
Name and Title		Wayne Roorda, Jr., PE, PP, CME Greenwich Township and Planning / Zoning Board Engineer	
Phone	(856) 589-1400	Email	wroorda@brysonyates.com
Name and Title			
Phone		Email	
Other Municipal Stormwater Team Members			
Name and Title		Holly Tropea Greenwich Township Municipal Clerk / Public Notice Coordinator	
Phone	(856) 423-1038 x206	Email	htropea@greenwichtwp.com
Name and Title		Kirk Fairley Greenwich Township Public Works Coordinator	
Phone	(856) 224-0373	Email	kfairley@yahoo.com
Name and Title		Brian Hacking Greenwich Township Code Enforcement Officer	
Phone	(856) 423-9129	Email	bhacking@greenwichtwp.com
Name and Title		Robert Homan Greenwich Township Employee Training Coordinator	
Phone	(856) 224-0373	Email	rhoman@greenwichtwp.com
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.)
02-28-24		Update to current SPPP template
12-2-22		Update Staffing

Form 3 – Public Announcements

Part IV.B. and C.

1. Provide the link to the dedicated stormwater webpage for your municipality.
https://www.greenwichtwp.com/2205/Stormwater
2. List the name and title of person(s) responsible for stormwater webpage postings/updates.
Kirk Fairly Public Works 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.
The NJDEP stormwater brochure is posted on the municipal website. Greenwich Township intends to provide copies of the brochure and other stormwater infrastructure education materials at local events such as Gibbstown Day as well as through direct mailings (i.e. tax bills, water / sewer bills, etc.).

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>Per §590-2 of the Township of Greenwich Code, “major development” is defined as follows:</p> <p>A. An individual development as well as multiple developments that individually or collectively result in:</p> <ul style="list-style-type: none"> (1) The disturbance of one or more acres of land since February 2, 2004; (2) The creation of 1/4 acre or more of "regulated impervious surface" since February 2, 2004; (3) The creation of 1/4 acre or more of "regulated motor vehicle surface" since March 2, 2021; or (4) A combination of Subsection A(2) and (3) above that totals an area of 1/4 acre or more. The same surface shall not be counted twice when determining if the combination area equals 1/4 acre or more. <p>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), (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 municipal SCO follows the previous NJDEP model ordinance (what was in place on July 16, 2023). The Township will be adopting the new model ordinance to reflect the most recent rule change.</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>Major development project applications are subject to review and approval by the Greenwich Township Planning / Zoning Board. The planning / zoning board engineer performs a technical review for conformance of an application with Township Code including the SCO, RSIS and other regulations as applicable.</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>Mitigation Plan requirements are defined in the Greenwich Township Watershed Based Municipal Stormwater Management Plan</p> <p>Records of all variances granted are kept on file by the planning board secretary and municipal clerk</p>
5. Indicate the dates of each iteration of the township's Stormwater Control Ordinance, starting with the initial adoption and including revisions.
<p>Chapter 590 Stormwater Control – Last adoption 3-15-21 via Ordinance No. 4-2021</p> <p>Previous Adoption 10-15-2007 via Ordinance No. 17-2007</p>
6. Indicate the dates of each iteration of the township's Municipal Stormwater Management Plan, starting with the initial adoption and including revisions.
<p>Greenwich Township Watershed Based Municipal Stormwater Management Plan</p> <p>February 2006</p>

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	08/18/2005		Greenwich Township Police	\$ ____
2. Wildlife Feeding	08/18/2005		Greenwich Township Police	\$ ____
3. Litter Control	08/18/2005		Greenwich Township Police	\$ ____
4. Improper Disposal of Waste	08/18/2005		Greenwich Township Police	\$ ____
5. Yard Waste	08/15/2008		Greenwich Township Police	\$ ____
6. Private Storm Drain Inlet Retrofitting	11/15/2010		Greenwich Twp. Code Official	\$ ____
7. Illicit Connections	08/15/2008		Greenwich Twp. Code Official	\$ ____
8. Privately-Owned Salt Storage				\$ ____
9. Tree Removal-Replacement				\$ ____
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.				
Refuse Container Ordinance – Greenwich Township Code Official Adopted 11/15/2010				
Indicate the location of records associated with ordinances and related violations and enforcement actions below.				
There has not been any violations				

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.

Greenwich Township has evaluated all of its streets. Greenwich will sweep all of its streets 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.

For most projects Greenwich Township will use the NJDOT bicycle safe grate style and (if needed) a curb opening with a clear space no bigger than two inches across the smallest dimension.

Visual inspections are performed by Public Works employees throughout the Township to note any deficiencies with regard to inlet labeling and the need for retrofit. Additionally visual inspections are performed at each storm drain inlet to determine if they are clear or are holding debris.

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.

Greenwich Township will implement an annual catch basin cleaning program to maintain catch basin function and efficiency. All catch basins will be inspected at least once each year. If, at the time of inspection, sediment, trash or debris is observed in the catch basin, then that catch basin will be scheduled for cleaning. Inspections will be performed by Public Works personnel.

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.

Public Works personnel shall perform inspections of the MS4 conveyance systems on a quarterly basis and after each major rainfall event. Visual inspection will include traversing each conveyance and utilize a camera system where viable.

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.

Public Works personnel utilize the Township MS4 Outfall Map, as maintained by our Municipal Engineer, to plan and perform inspections for scouring at all known stormwater outfalls. Personnel will travel by municipal vehicle to each outfall. Inspection reports and photographs will be maintained by Stormwater Coordinator. A backhoe is available for use to access areas requiring clearing.

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.

Public Works personnel utilize the Township MS4 Outfall Map, as maintained by our Municipal Engineer, to plan and perform inspections for visual dry weather inspections of all known stormwater outfalls. Personnel will travel by municipal vehicle to each outfall. Inspection reports and photographs will be maintained by Stormwater Coordinator. A backhoe is available for use to access areas requiring clearing.

Public Works personnel shall make a determination of illicit connections if observed or suspected during the course of inspection activities. If any are discovered they will be logged via the NJDEP Illicit Connection Inspection Report Form and immediately reported to the Municipal Stormwater Coordinator.

Greenwich Township has a hotline that is currently used for reporting spills and illegal dumping. This hotline will also be made available for reporting illicit connections.

Greenwich Township actively investigates any complaints regarding illicit connections; to date there has been none found.

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.

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.

Greenwich Township shall implement an audit process for privately owned stormwater facilities. Should owners of these systems not provide records of their inspections the Township will levy fines in accordance with penalty schedules in the Municipal Code. A log of all obtained inspection reports and associated documentation will be maintained by the Municipal Stormwater Coordinator.

8. Infrastructure Records

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

Greenwich Township shall maintain all records related to stormwater infrastructure inspection, cleaning, maintenance, and repair activities at the Public Works facility located at 1200 Memorial Avenue.

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.
Greenwich Township shall implement a standard operating procedure for regulated use of herbicides for de-vegetation purposes. Restrictions may be imposed to ensure runoff of herbicides during forecasted rainfall events is avoided. Erosion control measures shall be required for stabilization of areas subject to the removal of vegetation.
2. Excess Deicing Material Management Describe your program for ensuring that excess salt piles are removed in a timely manner after storm events.
Greenwich Township personnel will actively track excess salt piles during the snow removal season. Stockpiles will be bordered by barriers in dry weather conditions and will be removed or relocated prior to forecasted rainfall/snowfall events.
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.).
Greenwich Township routinely monitors placement of municipal trash and yard waste along municipal roadways. Pickup is performed by Public Works employees for trash and yard waste generated by the permittee on municipal roadways and properties.
4. Roadside Erosion Control Describe your program to detect and repair erosion along municipal roadways.
Greenwich Township will use the Public Works Department to monitor all its roads and streets for erosion concerns during normal patrols. All identified road erosion concerns will be reported to the Municipal Stormwater Coordinator and the Superintendent of Public Works. Identified areas of erosion will be prioritized for repairs. Maintenance personnel will be assigned to the areas of concern and perform repairs in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey. Maintenance personnel will maintain an inspection log, and the Municipal Stormwater Coordinator and Public Works Director will maintain a list of all repairs and the dates completed. The status of the Road Erosion Control Maintenance Program will be included in the Annual Report.

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	
1200 Memorial Avenue	
2. Monthly Site Inspections	
Describe the nature of inspections conducted at this site and the location of inspection logs.	
Public Works personnel are aware to look for any incidents for the potential impacts to stormwater runoff. A monthly documented inspection will be conducted to include potential impacts to stormwater runoff and any potential stormwater permit violations. Reports will be reviewed upon completion for any required corrections. Deficiencies will be corrected in a timely manner.	
3. Inventory List	
List all materials and machinery that are potentially exposed to stormwater.	
Materials	Machinery/Equipment
1-20 yard covered container Street Sweepings and Basin Materials	1-Backhoe
1-20 yard covered container Residential Construction Debris	2-Singe Axle Dump Trucks
1-40 yard covered container for White Goods and Scrap Metal	2- Wood Chippers
Cold Patch for road repairs on graded ground	1-Leaf Vacuum
3/4 " stone for water and sewer main projects on graded	2-Standard Pick-up Trucks

ground	
Broken asphalt and concrete from water and sewer main projects on graded ground	3- Sanitation Trucks
Fill dirt for various uses on graded ground	Auction Vehicles
Yard and Chipping debris on graded ground	Combination 2000 gallon fuel tank with secondary containment.
Miscellaneous metal castings and pipe for water and sewer, and storm water projects on graded concrete surfaces.	
4. Discharge of Stormwater from Secondary Containment Describe the process in place for discharging stormwater from secondary containment areas where outdoor containers are stored.	
The only secondary containment on this site is for the 2000gallon fuel tank. The tank is double walled tank which has not required any discharge	
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.	
Fueling is conducted in front of the Public Works garage at 1200 Memorial Ave. A sign for safe dispensing of fuel is posted on the pumps. A Spill kit is next to the fuel dispensers. Personnel are instructed to contact Public Works when any spill occurs,	
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.	
Currently all required maintenance and repairs are completed indoors.	
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.
We are in a CO-OP with Gloucester County for their vehicle washing facility.
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.
Greenwich Township currently stores its de-icing salt in a Permanent Storage Building.
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.
These materials are stored on site. Our plan in 2024 is to build a structure to contain these materials. Once structure is built, there will be individual bins for each material.
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.
This material is stored on-site. Our plan in 2024 is to build a structure to contain this material Once structure is built, there will be an individual bin for the material.
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.
The street sweepings and stormwater cleanout materials are kept in tarped twenty yard containers. Our plan in 2024 is to acquire a more user friendly cover system for the containers. Containers will be monitored by the Public Works staff.

<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.</p>
<p>The construction and demolition waste are kept in tarped twenty yard containers. Our plan in 2024 is to acquire a more user friendly cover system for the containers. Wood Waste and Yard clippings are kept at the rear of our complex. Our plan for 2024 is to create a barrier made of erosion fencing to effectively minimize any contamination of stormwater. Public Works Employees will monitor the containers as well as the wood and yard waste as to minimize contamination issues.</p>
<p>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.</p>
<p>Scrap tires are stored indoors until there are prepared for disposal.</p>
<p>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.</p>
<p>While inoperable vehicles are stored on-site, they are monitored for leaks until they are auctioned off.</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	
61 North School Street	
2. Monthly Site Inspections	
Describe the nature of inspections conducted at this site and the location of inspection logs.	
Public Works personnel are aware to look for any incidents for the potential impacts to stormwater runoff. A monthly documented inspection will be conducted to include potential impacts to stormwater runoff and any potential stormwater permit violations. Reports will be reviewed upon completion for any required corrections. Deficiencies will be corrected in a timely manner.	
3. Inventory List	
List all materials and machinery that are potentially exposed to stormwater.	
Materials	Machinery/Equipment
1-20 yard covered container Street Sweepings and Basin Materials	1-Backhoe
1-40 yard enclosed container for Electronic Waste	1-Jetter Vacuum Truck
1-500 gallon Waste oil container with secondary containment.	4-Standard Pick-up Trucks
2-250 gallon heating oil tanks for building heaters	Auction Vehicles
3/4 " stone for water and sewer main projects on graded	

ground	
4. Discharge of Stormwater from Secondary Containment Describe the process in place for discharging stormwater from secondary containment areas where outdoor containers are stored.	
The only secondary containment on this site is for the 500 gallon fuel tank. The secondary containment is monitored by the Public Works staff. When required the secondary containment is emptied and placed into the waste oil tank for disposal.	
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.	
No fueling is conducted at this facility.	
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.	
Currently all required maintenance and repairs are completed indoors.	
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.	
No washing of vehicles is conducted at this site.	

<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>Greenwich Township does not store deicing materials at this location.</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>Greenwich Township does not store these materials at this location.</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>Greenwich Township does not store this material at this location.</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>The street sweepings and stormwater cleanout materials are kept in tarped twenty yard containers. Our plan in 2024 is to acquire a more user friendly cover system for the containers. Containers will be monitored by the Public Works staff.</p>

<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.</p>
<p>Greenwich Township does not store these materials at this location.</p>
<p>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.</p>
<p>Greenwich Township does not store this material at this location.</p>
<p>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.</p>
<p>While inoperable vehicles are stored on-site, they are monitored for leaks until they are auctioned off.</p>

Form 10 – Training

Part IV.F.6-10.

Stormwater Program Coordinators
Describe the training provided for the municipal Stormwater Program Coordinator.
<p>Training will be provided by the current Municipal Stormwater Coordinator and Gloucester County (when available).</p> <p>The training programs will include:</p> <ul style="list-style-type: none"> • Waste disposal • Yard waste • Illicit connection elimination • Stormwater facility maintenance • Road erosion control • Maintenance yard operations • Construction activity • Post construction stormwater management in new development <p>Additionally the Municipal Stormwater Coordinator and Public Works personnel will attend training courses to enhance the working knowledge of stormwater infrastructure elements, inspection techniques, etc.</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 training
Construction Site Stormwater Runoff	Field training and video presentations
Post-Construction Stormwater Management in New and	In person training, field training, and video presentations

Redevelopment	
Community-wide Ordinances	In person training
Community-wide Measures	In person training, field training, and video presentations
Stormwater Facilities Maintenance	In person training, field training, and video presentations
Municipal Maintenance Yards and Other Ancillary Operations	In person training, field training, and video presentations
MS4 Mapping	In person training, field training, and video presentations
Outfall Stream Scouring	Field training, and video presentations
Illicit Discharge Detection and Elimination	In person training, field training, and video presentations

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Stormwater Management Design Reviewers
Describe the training provided for individuals responsible for reviews and approvals of stormwater management designs.
Training for individuals responsible for reviews and approvals of stormwater management designs will be received by NJDEP stormwater training. Our municipal engineer maintains the certification required for review and approval of stormwater management designs.

Municipal Board and Governing Body Members
Describe the training provided for members of the planning/zoning board and municipal council.
Training for planning / zoning board members and municipal council / mayor will involve in person discussions and video presentations

Training Records
Indicate the location of training records for the above required training.
Certificates for stormwater management design reviewers as well as training logs or affidavits will be maintained by the Municipal Stormwater Coordinator. Records are to be kept at the Public Works office located at 1200 Memorial Avenue.

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Form 11 – MS4 Mapping

Part IV.G.1.

1. Provide a link to the most current MS4 outfall/infrastructure map.	
https://www.greenwichtwp.com/DocumentCenter/View/2458/Outfalls-Location-Map---Greenwich-Twp	
2. Indicate the total of each type of MS4 infrastructure listed below (due 01 Jan 2026).	
a. MS4 outfalls	
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>The Municipal Stormwater Coordinator and Municipal Engineer review the map on an annual basis. Any required changes are made by the Municipal Engineer and the map is posted on the municipal website and stored at the Public Works office at 1200 Memorial Avenue.</p>	
4. Describe how the municipality will create and update its MS4 Infrastructure Map.	
<p>The Municipal Engineer is tasked with the creation of the MS4 Infrastructure Map. GIS mapping will be utilized to create and maintain data for the map.</p>	

Form 12 – Watershed Improvement Plan

Part IV.H.

1. Describe how your municipality is developing its Watershed Improvement Plan.
<p>The Municipal Stormwater Coordinator, Public Works personnel, and the Municipal Engineer will collaborate for the development of a Municipal Watershed Improvement Plan. NJDEP criteria will be implemented into the plan.</p>
2. Describe any regional projects or collaboration efforts with other municipalities.
<p>Greenwich Township intends to coordinate with bordering municipalities, i.e. East Greenwich and Paulsboro, as well as Gloucester County for the development and implementation of its Watershed Improvement Plan.</p>
3. Indicate the location of records related to all public information sessions and meetings for discussions of the Watershed Improvement Plan.
<p>The Municipal Stormwater Coordinator will maintain all records related to public information sessions and meetings for discussion of the Watershed Improvement Plan at the Public Works office located at 1200 Memorial Avenue.</p>