



**TOWNSHIP OF TEANECK  
BERGEN COUNTY, NEW JERSEY**

**MUNICIPAL STORMWATER POLLUTION  
PREVENTION PLAN**

PREPARED BY:

**FASTECH CONSULTING ENGINEERS**

540 Hudson St. Suite 308C

Hackensack, NJ 07601

**April 10, 2020**

*Farah Gilani*

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Farah Gilani, P.E. Township Engineer

NEW JERSEY PROFESSIONAL ENGINEER License No. 48764

# Stormwater Pollution Prevention Plan

Township of Teaneck

County of Bergen

NJPDES #NJG0151041


April 10, 2020

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## SPPP Form 1 – SPPP Team Members

All records must be available upon request by NJDEP.

<b>Stormwater Program Coordinator (SPC)</b>	
Print/Type Name and Title	David Garval/ Senior Civil Engineer
Office Phone # and eMail	201-836-1600 x1729 - fgilani@teanecknj.gov
Signature/Date	 4/10/2020
<b>Individual(s) Responsible for Major Development Project Stormwater Management Review</b>	
Print/Type Name and Title	Farah Gilani, PE, PP, CME/Township Engineer
Print/Type Name and Title	David Garval/ Senior Civil Engineer
Print/Type Name and Title	
Print/Type Name and Title	
Print/Type Name and Title	
<b>Other SPPP Team Members</b>	
Print/Type Name and Title	Doug Ruccione / Township Clerk Ordinance and Local Public Education Coordinator
Print/Type Name and Title	Kevin Arahill/ Director DPW Travon Romeo - Assistant Superintendent DPW - coordinator
Print/Type Name and Title	Dean Kazinci Township Manager – Employee Training coordinator
Print/Type Name and Title	Mark Bocchino –Code Enforcement officer

## SPPP Form 2 – Revision History

All records must be available upon request by NJDEP.

	Revision Date	SPC Initials	SPPP Form Changed	Reason for Revision
1.	4/10/2020	DG	1-15	Update to new NJDEP format
2.				
3.				
4.				
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20.				

### SPPP Form 3 – Public Involvement and Participation Including Public Notice

All records must be available upon request by NJDEP.

<p>1. Website URL where the Stormwater Pollution Prevention Plan (SPPP) is posted online:</p>	<p><a href="https://www.teanecknj.gov/engineering-documents-forms">https://www.teanecknj.gov/engineering-documents-forms</a></p>
<p>2. Date of most current SPPP:</p>	<p>4/10/2020</p>
<p>3. Website URL where the Municipal Stormwater Management Plan (MSWMP) is posted online:</p>	<p><a href="https://www.teanecknj.gov/engineering-documents-forms">https://www.teanecknj.gov/engineering-documents-forms</a></p>
<p>4. Date of most current MSWMP:</p>	<p>4/10/2020</p>
<p>5. Physical location and/or website URL where associated municipal records of public notices, meeting dates, minutes, etc. are kept:</p>	<p>Township of Teaneck 818 Teaneck Road Teaneck, NJ 07666</p>
<p>6. Describe how the permittee complies with applicable state and local public notice requirements when providing for public participation in the development and implementation of a MS4 stormwater program:</p> <p>For meetings where public notice is required under Open Public Meetings Act (“Sunshine law,” N.J.S.A. 10:4-6 et seq) the Township of Teaneck provides public notice in a manner that complies with the requirements of that act. Also in regard to the passage of the ordinances, the Township of Teaneck provides public notice in a manner that complies with the requirements of N.J.S.A. 40: 49-1 et seq. In addition, for municipal actions (e.g., adoption of the municipal storm-water management plan) subject to public notice requirements in the Municipal Land Use law (N.J.S.A. 40:55D-1et seq), the Township of Teaneck complies with those requirements.</p>	

## SPPP Form 4 – Public Education and Outreach

All records must be available upon request by NJDEP.

1. Describe how public education and outreach events are advertised. Include specific websites and/or physical locations where materials are available.

For our annual distribution we will mail the DEP brochure to our residents and businesses. The brochure will be distributed in January with our recycling calendar.

Extra copies will be available at our Township Library.

Educational Booth at the annual arbor day event

Link to DEP storm-water website to the township website

2. Describe how businesses and the general public within the municipality are educated about the hazards associated with illicit connections and improper disposal of waste.

For our annual distribution we will mail the DEP brochure to our residents and businesses. The brochure will be distributed in January with our recycling calendar.

3. Indicate where public education and outreach records are maintained.

Township of Teaneck  
818 Teaneck Road  
Teaneck, NJ 07666

**SPPP Form 5 – Post-Construction Stormwater Management in New Development and Redevelopment Program**

All records must be available upon request by NJDEP.

<p>1. How does the municipality define 'major development'?</p>
<p>Any development except addition and alteration to detached single family dwelling where the project comprises less than 50% of gross existing building square footage area or less than 50% of total existing building volume</p>
<p>2. Does the municipality approach residential projects differently than it does for non-residential projects? If so, how?</p>
<p>Yes, the minimum stormwater management requirement and controls are to any site plan or subdivision that requires preliminary or final site plan review: - Nonresidential major developments; and - Aspects of residential major developments that are not preempted by the Residential Site Improvement Standards at N.J.A.C. 5:21</p>
<p>3. What process is in place to ensure that municipal projects meet the Stormwater Control Ordinance?</p>
<p>Engineering Review is conducted for all major development</p>



<p>4. Describe the process for reviewing major development project applications for compliance with the Stormwater Control Ordinance (SCO) and Residential Site Improvement Standards (RSIS). Attach a flow chart if available.</p> <p>The Planning/Zoning Board's engineer and planner receive the applications for Major Development projects from the Planning/Zoning Board Secretary.</p> <p>Engineer reviews the plans to verify they follow the Storm-water Control Ordinance and Residential Site Improvement Standards.</p> <p>The Planning/Zoning Board will not approve any applications that are not in compliance with the SCO and RSIS.</p>	
<p>5. Does the Municipal Stormwater Management Plan include a mitigation plan?</p>	<p>No</p>
<p>6. What is the physical location of approved applications for major development projects, Major Development Summary Sheets (permit att. D), and mitigation plans?</p>	<p>Township of Teaneck 818 Teaneck Road Teaneck, NJ 07666</p>

## SPPP Form 6 – Ordinances

All records must be available upon request by NJDEP.

Ordinance permit cite IV.B.1.b.iii	Date of Adoption	Website URL	Was the DEP model ordinance adopted without change?	Entity responsible for enforcement
1. Pet Waste permit cite IV.B.5.a.i	05/24/05	<a href="https://www.teanecknj.gov/home">https://www.teanecknj.gov/home</a>	No	Teaneck Police
2. Wildlife Feeding permit cite IV.B5.a.ii	05/24/05	<a href="https://www.teanecknj.gov/home">https://www.teanecknj.gov/home</a>	No	Health Dept. Teaneck Police
3. Litter Control permit cite IV.B5.a.iii	05/24/05	<a href="https://www.teanecknj.gov/home">https://www.teanecknj.gov/home</a>	No	Teaneck Police
4. Improper Disposal of Waste permit cite IV.B.5.a.iv	5/24/05	<a href="https://www.teanecknj.gov/home">https://www.teanecknj.gov/home</a>	No	Teaneck Police
5. Containerized Yard Waste/ Yard Waste Collection Program permit cite IV.B.5.a.v	05/24/05	<a href="https://www.teanecknj.gov/home">https://www.teanecknj.gov/home</a>	No	DPW
6. Private Storm Drain Inlet Retrofitting permit cite IV.B.5.a.vi	01/11/11	<a href="https://www.teanecknj.gov/home">https://www.teanecknj.gov/home</a>	No	Teaneck Engineering
7. Stormwater Control Ordinance permit cite IV.B.4.g and IV.B.5.a.vii	05/24/05	<a href="https://www.teanecknj.gov/home">https://www.teanecknj.gov/home</a>	No	Teaneck Engineering
8. Illicit Connection Ordinance permit cite IV.B.5.a.vii and IV.B.6.d	05/24/05	<a href="https://www.teanecknj.gov/home">https://www.teanecknj.gov/home</a>	No	DPW / Engineering
9. Optional: Refuse Container/ Dumpster Ordinance permit cite IV.E.2	09/26/89	<a href="https://www.teanecknj.gov/home">https://www.teanecknj.gov/home</a>	No	Building Dept.

Indicate the location of records associated with ordinances and related enforcement actions:

Township of Teaneck  
818 Teaneck Road  
Teaneck, NJ 07666

## SPPP Form 7 – Street Sweeping

All records must be available upon request by NJDEP.

1. Provide a written description or attach a map indicating which streets are swept as required by the NJPDES permit. Describe the sweeping schedule and indicate if any of the streets are swept by another entity through a shared service arrangement.

All municipal streets in Teaneck are swept by DPW per zones on a continues basis.

2. Provide a written description or attach a map indicating which streets are swept that are NOT required to be swept by the NJPDES permit. Describe the sweeping schedule and indicate if any of the streets are swept by another entity through a shared service arrangement.

All municipal streets in Teaneck are swept by DPW per zones, on a continues basis.

3. Does the municipality provide street sweeping services for other municipalities? If so, please describe the arrangements.

No

4. Indicate the location of records, including sweeping dates, areas swept, number of miles swept and total amount of wet tons collected each month. Note which records correspond to sweeping activities beyond what is required by the NJPDES permit, i.e., sweepings of streets within the municipality that are not required by permit to be swept or sweepings of streets outside of the municipality.

DPW, 1600 River Rd, Teaneck, NJ 07666

## SPPP Form 8 – Catch Basins and Storm Drain Inlets

All records must be available upon request by NJDEP.

1. Describe the schedule for catch basin and storm drain inlet inspection, cleaning, and maintenance.
Teaneck DPW inspects all catch basin and storm drains inlet yearly. Cleaning and maintenance are done as needed.
2. List the locations of catch basins and storm drain inlets with recurring problems, i.e., flooding, accumulated debris, etc.
3. Describe what measures are taken to address issues for catch basins and storm drain inlets with recurring problems and how they are prioritized.
Teaneck DPW inspects basins periodically and cleans as necessary with a vacuum truck and jet the system as needed.
4. Describe the inspection schedule and maintenance plan for storm drain inlet labels on storm drains that do not have permanent wording cast into the design.
Teaneck DPW periodically inspects the storm drains inlet labels and replaces as needed.
5. Indicate the location of records of catch basin and storm drain inlet inspections and the wet tons of materials collected during catch basin and storm drain inlet cleanings.
DPW, 1600 River Rd, Teaneck, NJ 07666

## SPPP Form 9 – Storm Drain Inlet Retrofitting

All records must be available upon request by NJDEP.

<p>1. Describe the procedure for ensuring that municipally owned storm drain inlets are retrofitted.</p>
<p>All milling and paving project include upgrading inlets to bicycle safe grates and type 'N' curb head.</p>
<p>2. Describe the inspection process to verify that appropriate retrofits are completed on municipally owned storm drain inlets.</p>
<p>Engineering department inspectors ensure the retrofits are done per requirements.</p>
<p>3. Describe the procedure for ensuring that privately owned storm drain inlets are retrofitted.</p>
<p>As part of the construction permit review process, the Engineer reviews the site plans to ensure that the plans indicate the required inlet retrofits as required.</p>
<p>4. Describe the inspection process to verify that appropriate retrofits are completed on privately owned storm drain inlets.</p>
<p>Before a CO is issued to the property a final inspection is done.</p>

# SPPP Form 10 – Municipal Maintenance Yards and Other Ancillary Operations

All records must be available upon request by NJDEP.

*Complete separate forms for each municipal yard or ancillary operation location.*

Address of municipal yard or ancillary operation:  
DPW, 1600 River Rd, Teaneck, NJ 07666

List all materials and machinery located at this location that are exposed to stormwater which could be a source of pollutant in a stormwater discharge:

Raw materials – Road Salt, Stone, Excavated Soil

Intermediate products – Road Grits

Final products – Recyclables (cans and Bottles), Batteries, E-Waste

Waste materials – Vegetative Waste, Anti-Freeze

By-products – Not Applicable

Machinery – Dump Trucks, Backhoes, Loaders, Packer Trucks, Vehicles

Fuel – Diesel, Gasoline, Waste Oil

Lubricants – Various Lubricants used for Vehicle Maintenance & DPW Ops

Solvents – Various Solvents use in DPW Operation

Detergents related to municipal maintenance yard or ancillary operations –  
Car Wash Detergents, Cleaning Products

Other –

For each category below, describe the best management practices in place to ensure compliance with all requirements in permit Attachment E. If the activity in the category is not applicable for this location, indicate where it occurs.

Indicate the location of inspection logs and tracking forms associated with this municipal yard or ancillary operation, including documentation of conditions requiring attention and remedial actions that have been taken or have been planned.

1. Fueling Operations

Fueling equipment and containments sumps are inspected monthly. Records of the inspections are kept in the Vehicle Maintenance garage.  
The Township Underground Storage Tank and Fuel equipment contractor performs annual maintains and testing as required. Electronic leak detection equipment is installed on the fuel tanks and piping and is continuously monitored. Supervisors and employees are trained on proper fueling procedures and what to do in the event of a spill.

2. Vehicle Maintenance

The Township has a fleet inventory and maintenance management program that tracks repairs made to the vehicles and equipment. Vehicle maintenance is performed indoors. Waste oil and materials are properly disposed of or recycled. Non-chlorinated solvents and environmentally friendly products are used, if possible.

3. On-Site Equipment and Vehicle Washing

*See permit attachment E for certification and log forms for Underground Storage Tanks.*

The Utility Garage located in the DPW complex has floor drains that go to an oil/water separator and then discharge into the sanitary sewer. Vehicles are washed outside in a controlled wash rack area. Non-toxic and environmentally friendly car wash cleaning materials are used.

4. Discharge of Stormwater from Secondary Containment

There are no secondary containment tanks that discharge to storm water.

5. Salt and De-Icing Material Storage and Handling

Salt is stored in a permanent concrete three sided structure that has a roof and overhang that extends out over the open side to minimize rain entering the structure. The salt structure is inspected monthly to make sure no salt is outside the structure. When deliveries come, the salt is immediately pushed into the structure with a front end loader. Road grits (i.e. sand) is stored in a pile outside but over 100 feet from the closest storm drain or surface water.

6. Aggregate Material and Construction Debris Storage

Clean soil is stored on a stockpile located on a concrete pad. The soil is periodically removed and recycled at other construction sites. Second grade stone is stored in a storage bin on top of an asphalt surface.

7. Street Sweepings, Catch Basin Clean Out and Other Material Storage

The Township DPW performs the street sweeping services, removes the sweepings that they collect and properly disposes them. DPW also uses a vacuum truck to clean catch basins and properly disposes of the waste.

8. Yard Trimmings and Wood Waste Management Sites

The Township DPW performs curb side collections of yard trimmings. The trimmings are taken away and recycled off-site. There is also a storage area in the recycling center where yard and wood waste can be dropped off by residents. The DPW also does bi-weekly collection of branches and may store them temporarily in the recycling center. The yard and wood waste is then loaded weekly into containers and delivered to an off-site recycling facility.

9. Roadside Vegetation Management

The Township DPW performs curb side collections of yard trimmings. The trimmings are taken away and recycled off-site. In the fall, the Township performs curb side collection of leaves. The leaves are loaded into packer and vacuum trucks and delivered off-site to a recycling facility.



## SPPP Form 11 – Employee Training

All records must be available upon request by NJDEP.

<p><b>A. Municipal Employee Training:</b> Stormwater Program Coordinator (SPC) must ensure appropriate staff receive training on topics in the chart below as required due to job duties assigned within three months of commencement of duties and again on the frequency below. Indicate the location of associated training sign in sheets, dates, and agendas or description for each topic.</p>		
Topic	Frequency	Title of trainer or office to conduct training
1. Maintenance Yard Operations (including Ancillary Operations)	Every year	Travon Romeo - Assistant Superintendent DPW
2. Stormwater Facility Maintenance	Every year	T. Romeo – Asst. Super. DPW
3. SPPP Training & Recordkeeping	Every year	David Garval - Senior Civil Eng.
4. Yard Waste Collection Program	Every 2 years	T. Romeo – Asst. Super. DPW
5. Street Sweeping	Every 2 years	T. Romeo – Asst. Super. DPW
6. Illicit Connection Elimination and Outfall Pipe Mapping	Every 2 years	David Garval - Senior Civil Eng.
7. Outfall Pipe Stream Scouring Detection and Control	Every 2 years	David Garval - Senior Civil Eng.
8. Waste Disposal Education	Every 2 years	T. Romeo – Asst. Super. DPW
9. Municipal Ordinances	Every 2 years	Mark Bocchino –Code Enforcement officer
10. Construction Activity/Post-Construction Stormwater Management in New Development and Redevelopment	Every 2 years	Mark Bocchino –Code Enforcement officer
<p><b>B. Municipal Board and Governing Body Members Training:</b> Required for individuals who review and approve applications for development and redevelopment projects in the municipality. This includes members of the planning and zoning boards, town council, and anyone else who votes on such projects. Training is in the form of online videos, posted at <a href="http://www.nj.gov/dep/stormwater/training.htm">www.nj.gov/dep/stormwater/training.htm</a>.</p> <p>Within 6 months of commencing duties, watch <i>Asking the Right Questions in Stormwater Review Training Tool</i>. Once per term thereafter, watch at least one of the online DEP videos in the series available under Post-Construction Stormwater Management. Indicate the location of records documenting the names, video titles, and dates completed for each board and governing body member.</p>		
<p><b>C. Stormwater Management Design Reviewer Training:</b> All design engineers, municipal engineers, and others who review the stormwater management design for development and redevelopment projects on behalf of the municipality must attend the first available class upon assignment as a reviewer and every five years thereafter. The course is a free, two-day training conducted by DEP staff. Training dates and locations are posted at <a href="http://www.nj.gov/dep/stormwater/training.htm">www.nj.gov/dep/stormwater/training.htm</a>. Indicate the location of the DEP certificate of completion for each reviewer.</p>		

## SPPP Form 12 – Outfall Pipes

All records must be available upon request by NJDEP.

1. **Mapping:** Attach an image or provide a link to the most current outfall pipe map. Maps shall be updated at the end of each calendar year.

*Note that ALL maps must be electronic by 21 Dec 2020 via the DEP's designated electronic submission service. For details, see [http://www.nj.gov/dep/dwq/msrp\\_map\\_aid.htm](http://www.nj.gov/dep/dwq/msrp_map_aid.htm).*

2. **Inspections:** Describe the outfall pipe inspection schedule and indicate the location of records of dates, locations, and findings.

Approximately half of outfalls are inspected annually for scouring. Plans and reports are kept by the Engineering Department.

3. **Stream Scouring:** Describe the program in place to detect, investigate and control localized stream scouring from storm-water outfall pipes. Indicate the location of records related to cases of localized stream scouring. Such records must include the contributing source(s) of stormwater, recommended corrective action, and a prioritized list and schedule to remediate scouring cases.

Approximately half of outfalls are inspected annually for scouring. If conditions are getting worse and need corrective action, plans are developed by the Engineering Department for corrective action.

4. **Illicit Discharges:** Describe the program in place for conducting visual dry weather inspections of municipally owned or operated outfall pipes. Record cases of illicit discharges using the DEP's Illicit Connection Inspection Report Form ([www.nj.gov/dep/dwq/tier\\_a\\_forms.htm](http://www.nj.gov/dep/dwq/tier_a_forms.htm)) and indicate the location of these forms and related illicit discharge records.

*Note that Illicit Connection Inspection Report Forms shall be included in the SPPP and submitted to DEP with the annual report.*

Inspections of outfalls are conducted during dry weather periods. If excessive or unusual flows are witnessed, further investigation occurs to identify the source.

## SPPP Form 13 – Stormwater Facilities Maintenance

All records must be available upon request by NJDEP.

1. Detail the program in place for the long-term cleaning, operation and maintenance of each stormwater facility owned or operated by the municipality.

Teaneck DPW inspects all storm-water facilities owned and operated by Teaneck yearly. Cleaning and maintenance are done as needed.

2. Detail the program in place for ensuring the long-term cleaning, operation and maintenance of each stormwater facility NOT owned or operated by the municipality.

Maintenance of storm-water facilities that are not owned or operated by the municipality are mandated to be maintained by Ordinance. The Township periodically inspects the facilities to assure they are being properly maintained.

3. Indicate the location(s) of the Stormwater Facilities Inspection and Maintenance Logs listing the type of stormwater facilities inspected, location information, inspection dates, inspector name(s), findings, preventative and corrective maintenance performed.

DPW, 1600 River Rd, Teaneck, NJ 07666

Note that maintenance activities must be reported in the annual report and records must be available upon request. DEP maintenance log templates are available at [http://www.nj.gov/dep/stormwater/maintenance\\_guidance.htm](http://www.nj.gov/dep/stormwater/maintenance_guidance.htm) (select specific logs from choices listed in the Field Manuals section).

*Additional Resources: The NJ Hydrologic Modeling Database contains information and maps of stormwater management basins. To view the database map, see <https://hydro.rutgers.edu>. To download data in an Excel format, see [https://hydro.rutgers.edu/public\\_data/](https://hydro.rutgers.edu/public_data/).*

## SPPP Form 14 – Total Maximum Daily Load Information

All records must be available upon request by NJDEP.

1. Using the Total Maximum Daily Load (TMDL) reports provided on [www.nj.gov/dep/dwq/msrp-tmdl-rh.htm](http://www.nj.gov/dep/dwq/msrp-tmdl-rh.htm), list adopted TMDLs for the municipality, parameters addressed, and the affected water bodies that impact the municipality's MS4 program.

Teaneck engineering process the TMDL reports every year and identify the Nickel and Phosphorus amounts in comparison to the allowable maximum loads.

The affected water bodies are the Hackensack River with Hirshfeld Brook as tributary, Overpeck Creek and the Overpeck Lake.

2. Describe how the permittee uses TMDL information to prioritize stormwater facilities maintenance projects and to address specific sources of stormwater pollutants.

The Township SPC uses the TMDL data from the NJDEP reports to coordinate and improve the maintenance of storm-water Facilities.

## SPPP Form 15 – Optional Measures

All records must be available upon request by NJDEP.

1. Describe any Best Management Practice(s) the permittee has developed that extend beyond the requirements of the Tier A MS4 NJPDES permit that prevents or reduces water pollution.

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2. Has the permittee adopted a Refuse Container/Dumpster Ordinance?

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