

Stormwater Pollution Prevention Plan

Township of Wayne

Passaic County

NJPDES # NJ0028002 NJG0150438

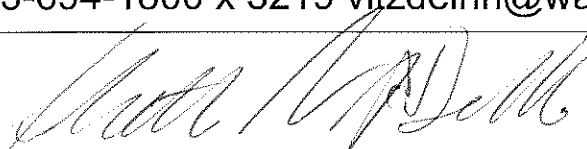
April 26, 2019

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SPPP Form 1 – SPPP Team Members

All records must be available upon request by NJDEP.

Stormwater Program Coordinator (SPC)	
Print/Type Name and Title	Heather Vitz-Del Rio, Director of Public Works
Office Phone # and eMail	973-694-1800 x 3219 vitzdelrih@waynetownship.com
Signature/Date	 4/26/19
Individual(s) Responsible for Major Development Project Stormwater Management Review	
Print/Type Name and Title	Heather Vitz-Del Rio, Director of Public Works
Print/Type Name and Title	Fernando Zapata, Township Engineer
Print/Type Name and Title	Maria Lowe, Senior Project Manager
Print/Type Name and Title	
Print/Type Name and Title	
Other SPPP Team Members	
Print/Type Name and Title	Eric Fedor, Assistant Director of Public Works
Print/Type Name and Title	Robert Mirrer, Superintendent of Road Operations
Print/Type Name and Title	Tim Roetman, Director of Parks and Recreation
Print/Type Name and Title	

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.	5/1/2019	HVD	All	Update to SPPP
2.				
3.				
4.				
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19.				
20.				

SPPP Form 3 – Public Involvement and Participation Including Public Notice

All records must be available upon request by NJDEP.

1. Website URL where the Stormwater Pollution Prevention Plan (SPPP) is posted online:	https://www.waynetownship.com/dpw-documents.html
2. Date of most current SPPP:	Apr 26, 2019
3. Website URL where the Municipal Stormwater Management Plan (MSWMP) is posted online:	https://www.waynetownship.com/dpw-documents.html
4. Date of most current MSWMP:	Dec 8, 2008
5. Physical location and/or website URL where associated municipal records of public notices, meeting dates, minutes, etc. are kept:	Clerk's Office, DPW Director's Office
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:	
Public notices are posted on the Township website and the local newspaper.	

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.

Information is contained in the following documents:

Two recycling brochures mailed January and July of each year to all residents
Budget report mailed annually to all residents in May
Annual Water Quality Report available on line. A notice of availability of the report is printed on the water and sewer bills.

Also posted on the Township website under the corresponding DPW Division

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.

Information to the general public is included in the Recycling Brochure.

Commercial businesses with non-domestic waste are included in the Township Industrial Pre-Treatment Program.

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

DPW Director Office Files

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

All records must be available upon request by NJDEP.

1. How does the municipality define 'major development'?
Only new development that will ultimately result in the disturbance of one or more acres of land, or increased impervious surface by one-quarter acre or more (i.e. "major development") as per N.J.A.C. 7:8 STORMWATERMANAGEMENT
2. Does the municipality approach residential projects differently than it does for non-residential projects? If so, how?
No.
3. What process is in place to ensure that municipal projects meet the Stormwater Control Ordinance?
The Township has a full time Engineering staff of three professional engineers that are trained in the Stormwater rules and regulations. All applications with building footprints greater than 500 square feet are reviewed by the Engineering staff.

<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>Developments that go before the Planning Board or Board of Adjustment are reviewed by the Engineering staff for conformance with the RSIS and Stormwater Regulations. The Planning and Zoning Department receives all applications for development and circulates the project packets to all departments including Engineering. All staff Engineers have attended the Stormwater review training course.</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>Approved plans are kept in the Engineering files by address.</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	05/04/66	https://clerkshq.com/Wayne-nj 68-12	No	Health Dept
2. Wildlife Feeding permit cite IV.B5.a.ii	05/05/04	https://clerkshq.com/Wayne-nj 68-44	No	Health Dept
3. Litter Control permit cite IV.B5.a.iii	08/16/89	https://clerkshq.com/Wayne-nj Chap 112	No	Health Dept & Property Maintenance
4. Improper Disposal of Waste permit cite IV.B.5.a.iv	10/19/05	https://clerkshq.com/Wayne-nj Chap 83	NO	Health, Property Maintenances and Recycling
5. Containerized Yard Waste/ Yard Waste Collection Program permit cite IV.B.5.a.v	09/16/19 92	https://clerkshq.com/Wayne-nj Chap 141	NO	Property Maintenance and Recycling
6. Private Storm Drain Inlet Retrofitting permit cite IV.B.5.a.vi	06/19/201 3	https://clerkshq.com/Wayne-nj Chap 134	No	Engineering
7. Stormwater Control Ordinance permit cite IV.B.4.g and IV.B.5.a.vii	12/31/20 13	https://clerkshq.com/Wayne-nj Chap 177	No	Engineering
8. Illicit Connection Ordinance permit cite IV.B.5.a.vii and IV.B.6.d	12/31/20 13	https://clerkshq.com/Wayne-nj Chap 159	No	Sewer Division
9. Optional: Refuse Container/ Dumpster Ordinance permit cite IV.E.2	10/19/20 05	https://clerkshq.com/Wayne-nj Chap 83	No	Health, Property Maintenances and Recycling

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

Ordinance records are located in the Clerk's office and online.
Enforcement records are kept by the department enforcing the regulations.

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.

The following commercial streets are swept monthly: Sherman Street, Willowbrook Blvd, West Bell Hwy, Demarest Drive, Hanes Drive, Continental Drive, Burgess Place, Parker Road, Barbour Pond Drive, Taylor Drive, Corporate Drive, North Leg, High Point Road, Haul Road, Ap

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 Township streets are swept at least once per year. The Operations Division keeps a map of the streets swept and a log of the amount of grits removed. All street sweeping is done by Township forces.

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.

Operations Division - Sweeper Crew keeps a log of the areas swept and materials collected.

SPPP Form 8 – Catch Basins and Storm Drain Inlets

All records must be available upon request by NJDEP.

<p>1. Describe the schedule for catch basin and storm drain inlet inspection, cleaning, and maintenance.</p>
<p>Vactor Crew has a map of the storm drainage system and keeps a log of areas inspected, cleaned and repaired. All catchbasins and inlets are cleaned on a biennial basis.</p>
<p>2. List the locations of catch basins and storm drain inlets with recurring problems, i.e., flooding, accumulated debris, etc.</p>
<p>Sheffield Park, Vans Lane, Hinchman footbridge, Church Lane detention basin, Lionshead Lake Spillway, Spillway behind 31 Divan Way, Hamburg Tpk at Dawes Hwy, 12 Sunburst Lane, Manitou Pass, 3 Pontiac Drive, Parish Drive (behind bank, Post Office and corner of PAL Drive), Fayette Ave at Fairfield Rd, pipe behind Van Varick Rt 23, Meadow Road, Whitmore - mid block, 106 Herrick Road, end of Woodridge Road, 91 Village Drive, Packanack Peninsula, 31 Sloping Hill Terrace, 34 Sloping Hill behind house, basins behind 126 Packanack Lake Road, GW Middle School, Kohl's Shopping Center at Rt 23</p>
<p>3. Describe what measures are taken to address issues for catch basins and storm drain inlets with recurring problems and how they are prioritized.</p>
<p>Trouble areas are inspected more frequently and before and after storms to prevent overflows.</p>
<p>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.</p>
<p>Stickers have been placed the inlets within the Township. New storm drainage inlets labels are installed on all inlets during annual paving program.</p>
<p>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.</p>
<p>Records are kept in the Operations Division.</p>

SPPP Form 9 – Storm Drain Inlet Retrofitting

All records must be available upon request by NJDEP.

1. Describe the procedure for ensuring that municipally owned storm drain inlets are retrofitted.
Township owned storm drains are retrofitted as repairs are made or issues are found. All storm drains in areas of the annual paving program are retrofitted.
2. Describe the inspection process to verify that appropriate retrofits are completed on municipally owned storm drain inlets.
Inlets in areas of repaving are inspected prior to construction for the count of retrofits required.
3. Describe the procedure for ensuring that privately owned storm drain inlets are retrofitted.
For new construction or renovations to existing construction, Eco-Type grates are required under the engineering review process.
4. Describe the inspection process to verify that appropriate retrofits are completed on privately owned storm drain inlets.
Inspection of new or renovation projects include a final inspection at the end of construction before a final Certificate of occupancy is given. Retrofitting with Eco-Type grates are part of the final inspection checklist.

SPPP Form 10 – Municipal Maintenance Yards and Other Ancillary Operations

All records must be available upon request by NJDEP.

<i>Complete separate forms for each municipal yard or ancillary operation location.</i>	
Address of municipal yard or ancillary operation: 201 Dey Road, Wayne NJ	
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 –	Stone - QP, 3/4" , 2" 4" , topsoil, mulch
Intermediate products –	"Cold patch" asphalt
Final products –	pipe, concrete basins, manholes frames and covers, water +
Waste materials –	Spoils from excavations including dirt and asphalt
By-products –	none
Machinery –	Trucks - pick-ups, mason dumps, dump trucks, Vector, Jet, +
Fuel –	gasoline and deisel
Lubricants –	oil, grease, hydraulic fluid
Solvents –	various solvents used in DPW operations
Detergents related to municipal maintenance yard or ancillary operations –	none
Other –	

<p>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.</p> <p>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.</p>	
1. Fueling Operations	
	<p>Included in SOP document . Fueling operations meet the requirements of NJAC 7:14B including spill kit on-site O&M procedures and emergency procedures. Inspection logs are kept in the DPW Operations Division and DPW Director's office.</p>
2. Vehicle Maintenance	
	<p>All maintenance for Township vehicles is performed inside the garage building.</p>
3. On-Site Equipment and Vehicle Washing	
	<p><i>See permit attachment E for certification and log forms for Underground Storage Tanks.</i></p> <p>The truck wash discharges directly to the sanitary sewer system.</p>
4. Discharge of Stormwater from Secondary Containment	
	<p>NA</p>

5. Salt and De-Icing Material Storage and Handling
Salt is stored within a "Salt Shed" on-site. Salt deliveries, and loading requirements are included in the SOP.
6. Aggregate Material and Construction Debris Storage
Aggregate materials are stored within the DPW yard. Stone is stored within bins within the DPW Yard.
7. Street Sweepings, Catch Basin Clean Out and Other Material Storage
Excavation spoils are stored in the yard area and are surrounded with silt fence and hay bales. Street sweepings, asphalt are stored on impervious surfaces within the yard.
8. Yard Trimmings and Wood Waste Management Sites
Mulch, wood chips and topsoil are stored in the Parks and Recreation yard. Large branches and tree trunks are stored in dumpsters in the Parks and Recreation yard.
9. Roadside Vegetation Management
NA

SPPP Form 11 – Employee Training

All records must be available upon request by NJDEP.

<p>A. Municipal Employee Training: 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	Operations
2. Stormwater Facility Maintenance	Every year	Operations
3. SPPP Training & Recordkeeping	Every year	DPW Director
4. Yard Waste Collection Program	Every 2 years	Recycling
5. Street Sweeping	Every 2 years	Operations
6. Illicit Connection Elimination and Outfall Pipe Mapping	Every 2 years	Sewer
7. Outfall Pipe Stream Scouring Detection and Control	Every 2 years	Operations
8. Waste Disposal Education	Every 2 years	Recycling
9. Municipal Ordinances	Every 2 years	DPW Director
10. Construction Activity/Post-Construction Stormwater Management in New Development and Redevelopment	Every 2 years	Engineering
<p>B. Municipal Board and Governing Body Members Training: 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 www.nj.gov/dep/stormwater/training.htm.</p> <p style="margin-top: 20px;">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>C. Stormwater Management Design Reviewer Training: 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 www.nj.gov/dep/stormwater/training.htm. 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/dwg/msrp_map_aid.htm.

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

The Water Ways Crew within the Operations Division inspects outfalls on a 5 year schedule.

Records are kept in the Operations Division files.

3. **Stream Scouring:** Describe the program in place to detect, investigate and control localized stream scouring from stormwater 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.

Stream scouring is found during the outfall inspections and upon complaints from residents. Corrective action is determined for each location based on standard Engineering practices.

Records are kept in the Operations Division.

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) 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.

Illicit Discharges are found during the outfall inspections and upon complaints from residents. Records are kept in the Operations Division.

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.

The public stormwater facilities are mapped in GIS System. The Operations Division inspects and cleans each detention basin at least once annually. A program to completely clear and rehabilitate overgrown detention basins is on-going with 3-4 basins cleared and rehabilitated each year. A manual with site plans and details of each detention is being compiled to better inspect and maintain each facility. Below ground pipe gallery systems are inspected via camera and clean 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.

Facilities not owned by the Municipality have also been mapped in the GIS system and notices are sent annually to all owners of these facilities outlining their responsibilities. Inspections are performed by municipal staff in response to complaints.

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.

Records are kept in the Operations Division.

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 (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/.

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, list adopted TMDLs for the municipality, parameters addressed, and the affected water bodies that impact the municipality's MS4 program.

Total Maximum Daily Load(TMDL) Information for Wayne Township:
Applicable Stream TMDL(s)

- Total Maximum Daily Loads for Fecal Coliform to Address 32 Streams in the Northeast Water Region

Fecal Coliform - 2003 : Passaic R at Little Falls, establish TMDL

Passaic R below Pompton R at 2 Bridges : establish TMDL

Fecal Coliform - 2003 : Breakneck Brook nr Little Falls : establish TMDL

Fecal Coliform - 2003 : Ramapo River nr Mahwah between Pompton Lake and NY : establish TMDL

- Total Maximum Daily Load for Mercury Impairments Based on Concentration in Fish Tissue Caused Mainly by Air Deposition to Address 122 HUC 14s Statewide

Mercury - 2011 : Crystal Lake/Pond Brook excluded

Mercury - 2010 : Pequannock R (below Macopin gage) : State level

Mercury - 2010 : Pompton River excluded

- Total Maximum Daily Load Report for the Non-Tidal Passaic River Basin Addressing Phosphorus Impairments

Total Phosphorus - 2008 : Crystal Lake/Pond Brook : Addressed in companion TMDL for Pompton Lake

Total Phosphorus - 2008 : Holly Ann Brook : WLAs and LAs assigned per Passaic TMDL

Total Phosphorus - 2008 : Passaic R Lwr (Goffa Bk to Pompton R) : WLAs and LAs assigned per Passaic TMDL

Total Phosphorus - 2008 : Pequannock R (below Macopin gage) : WLAs and LAs assigned per Passaic TMDL

Total Phosphorus - 2008 : Pompton River : WLAs and LAs assigned per Passaic TMDL

Total Phosphorus - 2008 : Breakneck Brook / Naachtpunkt Brook : WLAs and LAs assigned per Passaic TMDL

Total Phosphorus - 2008 : Ramapo R (below Crystal Lake bridge) : Addressed in companion TMDL for Pompton Lake

Applicable Lake TMDL(s)

- Total Maximum Daily Loads for Pathogens to Address 25 Lakes in the Northeast Water Region

Fecal Coliform - 2007 : Crystal Lake : Adopt TMDL

Fecal Coliform - 2007 : Uonshead Lake : Adopt TMDL

- Total Maximum Daily Load Report to Address Phosphorus Impairment in Pompton Lake and Ramapo River in the Northeast Water Region

Total Phosphorus - 2008 : Pompton Lake : Adopt

TMDL

- Total Maximum Daily Loads for Pathogens to Address 25 Lakes in the Northeast Water Region

Fecal Coliform - 2007 : Toms Lake : Adopt TMDL

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

Maintenance of any stormwater facilities that discharge into any of the listed streams or lakes will be given higher priority.

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