

Stormwater Pollution Prevention Plan

Rockaway Township

Morris County


NJG0151246

October 21, 2019

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SPPP Form 1 – SPPP Team Members

Stormwater Program Coordinator (SPC)	
Print/Type Name and Title	Allison Ferrante (Municipal Engineer)
Office Phone # and eMail	973-983-2810 aferrante@rockawaytownship.org
Signature/Date	 10/21/2019
Individual(s) Responsible for Major Development Project Stormwater Management Review	
Print/Type Name and Title	Robert Sheard (Director of Public Works)
Print/Type Name and Title	Jonathan Walker (Engineering Inspector)
Print/Type Name and Title	Patricia Seager (Business Administrator)
Print/Type Name and Title	Peter Tabbot (Health Officer)
Print/Type Name and Title	Erin Murray (Planning and Zoning)
Other SPPP Team Members	
Print/Type Name and Title	Al Knoth (DPW)
Print/Type Name and Title	Cara Sileno (Health Department)
Print/Type Name and Title	Joseph Costa (Zoning Officer)
Print/Type Name and Title	
Print/Type Name and Title	

SPPP Form 2 – Revision History

Please record changes to the signature page and updates to the approach taken to comply with the permit, e.g., new street sweeping frequency, change to shared services, etc.

	Revision Date	SPC Initials	SPPP Form Changed	Reason for Revision
1.	1/18/2019		All	New Forms
2.	10/21/19		All	Minor Changes
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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:	http://www.rockawaytownship.org/478/Stormwater
2. Date of most current SPPP:	Oct 21, 2019
3. Website URL where the Municipal Stormwater Management Plan (MSWMP) is posted online:	http://www.rockawaytownship.org/478/Stormwater
4. Date of most current MSWMP:	Mar 1, 2005
5. Physical location and/or website URL where associated municipal records of public notices, meeting dates, minutes, etc. are kept:	RT Municipal Building 65 Mt Hope Rd. Rockaway, NJ 07866
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>The Township of Rockaway complies with the applicable state and local public notice requirements based on the following procedure;</p> <p>Open Public Meetings Act ("Sunshine Law," N.J.S.A. 10:4-6 et seq.); The adoption of ordinances that comply with part IV of this permit; Municipal Land Use Law of the MSWMP (N.J.S.A. 40:55D-13, 28, and 94); Review of applicants for development to ensure that said applicants meet the requirement of (N.J.S.A. 40:55D-12).</p> <p>The Township of Rockaway also;</p> <p>Provides the current SPPP upon request. Posts the current SPPP on the Township's website Posts the current MSWMP and all ordinances on the Township's website</p> <p>The Township will maintain records necessary to demonstrate compliance with the public participation 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.

All public education and outreach events are advertised through the following;

Posted on the Township's website (<http://www.rockawaytownship.org/478/Stormwater>)
Advertised in the Township's local newspaper
Brochures (Solutions to Stormwater Pollution) kept at the front desk in the Township's Municipal Building and Library

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.

Solutions to Stormwater Pollution article is available in the Municipal Building, on RT website and in the newsletter with the tax bill

Illicit Connection and Improper Disposal of Waste Ordinance posted on the Township's website

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

A copy of the public education and outreach records are kept with the SPPP as well as in the Health Department.

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>"Major development" means any development that provides for ultimately disturbing one or more acres of land or increasing surface by one quarter acre or more. Disturbance for the purpose this rule is the placement of impervious surface or exposure and/or movement of soil or bedrock or clearing, cutting, or removing of vegetation. Projects undertaken by any government agency which 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-1et seq., are also considered "major development."</p>
<p>2. Does the municipality approach residential projects differently than it does for non-residential projects? If so, how?</p>
<p>Single family residential projects apply to the Board of Adjustments. Non-residential projects apply to the Planning Board. Unless variance relief is being requested then they apply to the Board of Adjustments. The definition of Major Development applies to both residential and non-residential. An increase of more than 1,000 square feet of impervious surface for either residential or non-residential requires a drywell. Stormwater BMPs apply to both.</p>
<p>3. What process is in place to ensure that municipal projects meet the Stormwater Control Ordinance?</p>
<p>The applicant shall submit all of the required components of the Checklist for the Site Development Stormwater Plan at 25-9c as part of the submission of the applicant application for subdivision or site plan approval. The applicant shall demonstrate that the project meets the standards set forth in this ordinance. The applicant shall submit twenty-five (25) copies of the materials listed in the checklist for site development stormwater plans in accordance with Section 29-9c of this ordinance</p> <p>The applicant's Site Development project shall be reviewed as a part of the subdivision or site plan review process by the municipal board or official from which the municipal approval is sought. That Municipal board or official shall consult the engineer retained by the Planning and/or Zoning Board (as appropriate) to determine if all the checklist requirements have been satisfied and to determine if the project meets the standards set forth in this ordinance.</p>

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

All records must be available upon request by NJDEP.

<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 applicant shall submit all of the required components of the Checklist for the Site Development Stormwater Plan at 25-9c as part of the submission of the applicant application for subdivision or site plan approval. The applicant shall demonstrate that the project meets the standards set forth in this ordinance. The applicant shall submit twenty-five (25) copies of the materials listed in the checklist for site development stormwater plans in accordance with Section 29-9c of this ordinance</p> <p>The applicant's Site Development project shall be reviewed as a part of the subdivision or site plan review process by the municipal board or official from which the municipal approval is sought. That Municipal board or official shall consult the engineer retained by the Planning and/or Zoning Board (as appropriate) to determine if all the checklist requirements have been satisfied and to determine if the project meets the standards set forth in this ordinance.</p>
<p>5. Does the Municipal Stormwater Management Plan include a mitigation plan?</p>	<p>Yes it is included. An Ecosystem Restoration Screening Report is included. The report identifies potential restoration actions. However, major implementation factors are not included. If a developer seeking variance implements a compensating measure to mitigate, the Council will evaluate and approve. This process will include the mitigation guidance plans provided by the NJDEP.</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>65 Mt. Hope Road, Rockaway, NJ. 07866</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	01/01/2006	http://www.rockawaytownship.org/DocumentCenter	No	Health Department
2. Wildlife Feeding permit cite IV.B5.a.ii	01/01/2006	http://www.rockawaytownship.org/DocumentCenter	No	Health Department
3. Litter Control permit cite IV.B5.a.iii	01/01/2006	http://www.rockawaytownship.org/DocumentCenter	No	Health and Police Department
4. Improper Disposal of Waste permit cite IV.B.5.a.iv	10/25/2005	http://www.rockawaytownship.org/DocumentCenter	No	Engineering, Planning and Construction
5. Containerized Yard Waste/ Yard Waste Collection Program permit cite IV.B.5.a.v	10/25/2005	http://www.rockawaytownship.org/DocumentCenter	No	Health, Engineering and DPW
6. Private Storm Drain Inlet Retrofitting permit cite IV.B.5.a.vi	08/03/2010	http://www.rockawaytownship.org/DocumentCenter	No	Engineering, Planning, Construction and DPW
7. Stormwater Control Ordinance permit cite IV.B.4.g and IV.B.5.a.vii	05/02/2006	http://www.rockawaytownship.org/DocumentCenter	No	Engineering, Planning, Construction and DPW
8. Illicit Connection Ordinance permit cite IV.B.5.a.vii and IV.B.6.d	10/25/2005	http://www.rockawaytownship.org/DocumentCenter	No	Engineering, Planning, Construction, DPW, and Municipal Utility
9. Optional: Refuse Container/ Dumpster Ordinance permit cite IV.E.2	08/03/2010	http://www.rockawaytownship.org/DocumentCenter	No	Health Department
Indicate the location of records associated with ordinances and related enforcement actions:				
Ordinances can be found at http://www.rockawaytownship.org/478/Stormwater Enforcement Actions are kept on Spatial Data				

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 streets are swept by the Township: Commons Way, Roundhill Road, Mt. Pleasant Avenue between Mt. Hope Avenue and Route 15, Carrel Street, Richard Avenue, Lee Avenue, Roy Street, and Old Beach Glen Road between Meriden Road and the Beaver Brook Bridge. All streets that have been listed are swept on a monthly basis, weather dependent. Only the Township sweeps the streets listed above.

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.

The following Private Streets are swept by the Township; Copperas Ridge Rd, Pocara Drive, Laurel Hill Rd, Welch Lane, Forge Way, Troast Rd, Enterprise Drive,

The following County Roads are swept by the Township; Green Pond Rd, Mt. Hope Ave, Mt. Hope Rd, West Dewey Ave, Dover Rockaway Rd, East Black Well St.

Streets are swept systematically from the north side of town to the south. There are no shared service agreements with private streets or county roads. Sweeping is done throughout the year as weather allows. The main roads are cleaned in the spring and Industrial areas are completed on a monthly basis.

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

Rockaway Township does not provide sweeping for other municipalities.

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.

The street sweeper has a daily log book as well as a monthly log book. Data is compiled and stored in a master log book located at the municipal DPW garage.

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>The Township of Rockaway will implement an annual catch basin cleaning program to maintain catch basin function and efficiency. All catch basins will be inspected annually. If, at the time of inspection, no sediment, trash or debris is observed in the catch basin, then that catch basin will not be cleaned. At the time of cleaning, the catch basins will also be inspected for proper function. Maintenance will be scheduled for those catch basins that are in disrepair.</p>
<p>2. List the locations of catch basins and storm drain inlets with recurring problems, i.e., flooding, accumulated debris, etc.</p>
<p>99 West Lake Shore drywell; leaf and vegetation debris, floods from heavy rain events 25 Oakland Ave inlet; leaf and wood vegetation enters from wetlands into pipe 30 Williams St pipe inlet from wetland; leaf and wood debris 221 White Meadow Rd; bottom of hill collects litter and leaf debris 1-7 Pillar Drive and Old Beach Glen Rd; leaf litter 24 Upper Hibernia Rd basin; floods and fills with debris, outlet pipe is crushed. due for reconstruction. 8 Pierson St basin pipe; obstructed</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>The basin is inspected prior to any weather event and monitored throughout. Basins that can be repaired quickly are prioritized to the top of the list.</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>Labels are inspected when they are cleaned and inspected or scheduled for repair. Basins are retrofitted at Capital Paving Intervals with Embossed Inlet Trash Grates or Road Grates.</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 at the municipal DPW gargage.</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.

The Township of Rockaway ensures that all municipally owned storm drain inlets are retrofitted by following the guidelines of Attachment C (Design Standard - Storm Drain Inlets).

All storm drain inlets within roadway improvement projects funded by NJDOT Aid Grants are retrofitted.

2. Describe the inspection process to verify that appropriate retrofits are completed on municipally owned storm drain inlets.

The Township of Rockaway inspects each municipally owned retrofitted storm drain inlet to ensure that the guidelines of Attachment C (Design Standard - Storm Drain Inlets) have been met.

3. Describe the procedure for ensuring that privately owned storm drain inlets are retrofitted.

The Township of Rockaway ensures that all municipally owned storm drain inlets are retrofitted by following the guidelines of Attachment C (Design Standard - Storm Drain Inlets).

Permits are required for resurfacing/repair private parking areas. Permit requirements include storm drain retrofitting.

4. Describe the inspection process to verify that appropriate retrofits are completed on privately owned storm drain inlets.

The Township of Rockaway inspects each municipally owned retrofitted storm drain inlet to ensure that the guidelines of Attachment C (Design Standard - Storm Drain Inlets) have been met.

Permits are required for resurfacing/repair private parking areas. Permit requirements include storm drain retrofitting.

Final inspection and bonding are required to ensure that the retrofits are completed.

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:

White Meadow Lake Salt Dome
17 Old Middletown Rd,
Rockaway, NJ. 07866

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 – 3/4 QP, 3/4 stone, rip rap, top soil

Intermediate products –

Final products – snow grits

Waste materials – broken asphalt/concrete, dirt spoil pile

By-products –

Machinery –

Fuel –

Lubricants –

Solvents –

Detergents related to municipal maintenance yard or ancillary operations –

Other –

SPPP Form 10 – Municipal Maintenance Yards and Other Ancillary Operations

All records must be available upon request by NJDEP.

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

N/A

2. Vehicle Maintenance

N/A

3. On-Site Equipment and Vehicle Washing

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

N/A

4. Discharge of Stormwater from Secondary Containment

N/A

SPPP Form 10 – Municipal Maintenance Yards and Other Ancillary Operations

All records must be available upon request by NJDEP.

5. Salt and De-Icing Material Storage and Handling
Operating in general conformance with the Salt and De-Icing Storage and Handling BMP listed in Attachment E
6. Aggregate Material and Construction Debris Storage
Temporary storage of QP, clean stone, asphalt. Hay bales onsite for temporary measure. Future plans to include construction of 3 sided storage bins and hay bales
7. Street Sweepings, Catch Basin Clean Out and Other Material Storage
N/A
8. Yard Trimmings and Wood Waste Management Sites
N/A
9. Roadside Vegetation Management
N/A

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:

Municipal Garage and Recycling Center
540 Green Pond Rd
Rockaway, NJ 07866

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 – 3/4 QP, 3/4 stone, rip rap, top soil

Intermediate products –

Final products – snow grits, liquid calcium chloride

Waste materials – street sweepings, paper, cardboard, metal, plastics, electronic

By-products –

Machinery –

Fuel –

Lubricants –

Solvents –

Detergents related to municipal maintenance yard or ancillary operations –

Other – Other waste material - broken asphalt, broken concrete

SPPP Form 10 – Municipal Maintenance Yards and Other Ancillary Operations

All records must be available upon request by NJDEP.

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

Inspected by third party in accordance to JIF requirements
Double wall UST, valve pits/tank connections within lined pit.
Emergency spill protection measures onsite.
DEP stickers posted
General compliance with the Fueling Operations BMP listed in Attachment E

2. Vehicle Maintenance

1. Operate and maintain equipment to prevent the exposure of pollutants to stormwater
2. Conduct vehicle maintenance indoors.
3. Drip pans used at all times.
4. If maintenance is completed outdoors, it is conducted away from storm drain and tarps are used to cover the project

3. On-Site Equipment and Vehicle Washing

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

Rinsing of vehicles during winter after 24 hour period of use
Vehicles washed at off-site location (Clean Way Handwash Dover, NJ)

4. Discharge of Stormwater from Secondary Containment

General compliance with the Discharge of Stormwater from Secondary Containment listed in attachment E

SPPP Form 10 – Municipal Maintenance Yards and Other Ancillary Operations

All records must be available upon request by NJDEP.

5. Salt and De-Icing Material Storage and Handling
General compliance with Salt and De-Icing Material Storage and Handling listed in Attachment E
6. Aggregate Material and Construction Debris Storage
Stored in 3 sided bins, away from stormwater inlets, hay bales on site
7. Street Sweepings, Catch Basin Clean Out and Other Material Storage
Stored in 3 sided bins, away from stormwater inlets, hay bales on site
8. Yard Trimmings and Wood Waste Management Sites
N/A
9. Roadside Vegetation Management
N/A

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:

Municipal Garage and Recycling Center
540 Green Pond Rd
Rockaway, NJ 07866

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 – 3/4 QP, 3/4 stone, rip rap, top soil

Intermediate products –

Final products – snow grits, liquid calcium chloride

Waste materials – street sweepings, paper, cardboard, metal, plastics, electronic

By-products –

Machinery –

Fuel –

Lubricants –

Solvents –

Detergents related to municipal maintenance yard or ancillary operations –

Other – Other waste material - broken asphalt, broken concrete

SPPP Form 10 – Municipal Maintenance Yards and Other Ancillary Operations

All records must be available upon request by NJDEP.

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

Inspected by third party in accordance to JIF requirements
Double wall UST, valve pits/tank connections within lined pit.
Emergency spill protection measures onsite.
DEP stickers posted
General compliance with the Fueling Operations BMP listed in Attachment E

2. Vehicle Maintenance

1. Operate and maintain equipment to prevent the exposure of pollutants to stormwater
2. Conduct vehicle maintenance indoors.
3. Drip pans used at all times.
4. If maintenance is completed outdoors, it is conducted away from storm drain and tarps are used to cover the project

3. On-Site Equipment and Vehicle Washing

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

Rinsing of vehicles during winter after 24 hour period of use
Vehicles washed at off-site location (Clean Way Handwash Dover, NJ)

4. Discharge of Stormwater from Secondary Containment

General compliance with the Discharge of Stormwater from Secondary Containment listed in attachment E

SPPP Form 10 – Municipal Maintenance Yards and Other Ancillary Operations

All records must be available upon request by NJDEP.

5. Salt and De-Icing Material Storage and Handling
General compliance with Salt and De-Icing Material Storage and Handling listed in Attachment E
6. Aggregate Material and Construction Debris Storage
Stored in 3 sided bins, away from stormwater inlets, hay bales on site
7. Street Sweepings, Catch Basin Clean Out and Other Material Storage
Stored in 3 sided bins, away from stormwater inlets, hay bales on site
8. Yard Trimmings and Wood Waste Management Sites
N/A
9. Roadside Vegetation Management
N/A

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	Department of Public Works
2. Stormwater Facility Maintenance	Every year	Department of Public Works
3. SPPP Training & Recordkeeping	Every year	Department of Public Works
4. Yard Waste Collection Program	Every 2 years	Department of Public Works
5. Street Sweeping	Every 2 years	Department of Public Works
6. Illicit Connection Elimination and Outfall Pipe Mapping	Every 2 years	DPW, Health, Engineering, & Code Enforcement
7. Outfall Pipe Stream Scouring Detection and Control	Every 2 years	DPW, Health, Engineering, & Code Enforcement
8. Waste Disposal Education	Every 2 years	Department of Public Works & Health Department
9. Municipal Ordinances	Every 2 years	DPW, Health, Engineering, Code Enforcement & Police Department
10. Construction Activity/Post-Construction Stormwater Management in New Development and Redevelopment	Every 2 years	Department of Public Works & 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>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/dwq/msrp_map_aid.htm.

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

Outfall pipes are to be inspected during the process of electronically mapping each outfall pipe location. Each outfall pipe in need of maintenance will be documented and scheduled based on need of repair.

After all outfall pipes are electronically mapped, the inspection process will include a yearly inspection during the illicit discharge connection portion of this program.

All records to be kept with the SPPP 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.

The Township of Rockaway shall certify annually

The Township will check all outfall pipes for signs of scouring when conducting the illicit connection portion of this program. All sites will be placed on a prioritized list and repairs will be made in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey. In addition, repairs that do not need NJDEP permits may be completed first.

SPPP Form 12 – Outfall Pipes

All records must be available upon request by NJDEP.

- 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.

The Township will conduct an initial physical inspection of all of our outfall pipes. Inspections will be conducted using the DEP Illicit Connection Inspection Report Form. Each of these forms will be kept with the Township's SPPP records. Outfall pipes that are found to have a dry weather flow or evidence of an intermittent non-stormwater flow will be investigated to locate the illicit connection. If the Township is able to locate the illicit connection (and the connection is within the municipality) then the responsible party will be notified immediately, and a citation will be issued if the connection is not corrected or removed.

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.

Course of Action for Municipally Owned Facilities

1. Ensure that all Operation and Maintenance Plans and Field Manuals for municipally owned facilities are sufficient to ensure adequate long-term cleaning, operation and maintenance of all municipally owned or operated stormwater facilities. Compile and update each O&M Plan and Field Manual where necessary.
2. Perform initial inspection to determine status and repairs and maintenance measurements if necessary using the Maintenance Logs and Inspection Records which are sufficient to demonstrate compliance.
3. Schedule necessary repairs. Document preventive and corrective maintenance and prioritize into the schedule. The schedule will be prioritized based on Part IV.C.1.a.iv.
4. After any necessary repairs are completed, an annual final inspection will be performed to certify that the stormwater facilities are properly functioning

The Township of Rockaway will implement a stormwater facility maintenance program to ensure that all stormwater facilities operated by the Township function properly. The Township operates catch basins, storm drains and detention basins. These stormwater facilities will be inspected annually to insure that they are functioning properly. In high risk areas, preventative maintenance will be performed on all stormwater facilities to ensure that they do not begin to fail.

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.

1. Notify Owners with letter that outlines the program that will ensure adequate long-term cleaning, operation and maintenance of stormwater facilities not owned or operated by the Tier A Municipality, not subject to the conditions of another NJPDES stormwater permit and constructed after February 7, 1984. A copy of the letter to the Private Owners is provided in the SPPP.
2. Schedule an initial inspection. Ensure that the storm water facility maintenance is performed pursuant to any maintenance plans, or more frequently as needed to ensure the proper function and operation of the stormwater facility.
3. During the initial inspection, copies of maintenance logs can be collected to maintain a log sufficient to demonstrate compliance with section Part IV.C.1.b.ii. A copy of the Example Maintenance Logs and Inspection Records forms will be distributed to each Owner to update a sufficient log.
4. After the initial inspection, a final inspection date will be established and will be the established date for annual inspections, or more frequently as needed to ensure proper function and operation of the stormwater facility.

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.

Privately owned Stormwater Facilities Inspection and Maintenance Logs are located with the SPPP at the Municipal Building
65 Mt. Hope Rd,
Rockaway, NJ. 07866

Municipally owned Stormwater Facilities Inspection and Maintenance Logs are located at the road department
540 Greenpond Rd,
Rockaway, NJ. 07866

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 Loads for Fecal Coliform to Address 32 Streams in the Northeast Water Region
- Total Maximum Daily Load for Mercury Impairments Based on Concentration in Fish Tissue Caused Mainly by Air Deposition to Address 122 HUC 14s Statewide
- Total Maximum Daily Load to Address Temperature in the Pequannock River Northeast Water Region
- Total Maximum Daily Load Report for the Non-Tidal Passaic River Basin Addressing Phosphorus Impairments (Total Phosphorus)
- Total Maximum Daily Loads for Pathogens to Address 25 Lakes in the Northeast Water Region (Fecal Coliform)

(Mercury)

Beaver Brook (Morris County)
 Rockaway R (74d 33m 30s to Stephens Bk)
 Rockaway R (BM 534 brdg to 74d 33m 30s)
 Rockaway R (Stephens Bk to Longwood Lk)
 Rockaway R (Stony Brook to BM 534 brdg)
 Rockaway R (above Longwood Lake outlet)

(Temperature)

Pequannock R above
 Clinton, Pequannock R
 below Clinton, Clinton Bk
 below Clinton Reservoir

(Total Phosphorus)

Beaver Brook (Morris County)
 Green Pond Brook (above Burnt Meadow Bk)
 Green Pond Brook (below Burnt Meadow Bk)
 Hibernia Brook
 Mill Brook (Morris Co)
 Pequannock R (Charlotteburg to OakRidge)
 Rockaway R (74d 33m 30s to Stephens Bk)
 Rockaway R (BM 534 brdg to 74d 33m 30s)
 Rockaway R (Stephens Bk to Longwood Lk)
 Rockaway R (Stony Brook to BM 534 brdg)
 Rockaway R (above Longwood Lake outlet)
 Stony Brook (Boonton)

(Fecal Coliforms) Streams

Beaver Brook
 Rockaway R at Longwood Valley & Blackwell St
 Stony Brook at Boonton

(Fecal Coliform) Lakes

Camp Lewis Lake
 Cozy Lake
 White Meadow 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 of Rockaway annually reviews TMDL information to identify stormwater related pollutants associated with any segment of surface water wholly or partially within or bordering the Township. The TMDL information is used to to prioritize the scheduling of repairs in correlation to Stream Scouring and Stormwater Facilities Maintenance. In addition, the TMDL information is used to identify and and develop strategies to address specific sources of stormwater related pollutants. The Township of Rockaway uses the "Total Maximum Daily Load (TDML) Guidance for Tier A MS4 Permittees" to assist with the potential response.

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.

No additional measures are in place at this time. Rockaway Township will continue to implement the current control measures and investigations.

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

Yes. Ordinance No. 10-20. It can be found at <https://www.rockawaytownship.org/478/Stormwater>