

Tier A Municipal Stormwater Regulation Program

Stormwater Pollution Prevention Team Members

Number of team members may vary.

Completed by: James Lutz

Title: Municipal Engineer

Date: May 2017

Municipality: Rockaway Township

County: Morris

NJPDES #: NJG 0151246

PI ID #: 213701

Stormwater Program Coordinator: James Lutz

Title: Municipal Engineer

Office Phone #: 973-983-2810

Emergency Phone #: 973-625-4000

Public Notice Coordinator: Marcy Gianattasio

Title: Acting Municipal Clerk

Office Phone #: 973-983-2834

Emergency Phone #: 973-625-4000

Post-Construction Stormwater Management Coordinator: James Lutz

Title: Municipal Engineer

Office Phone #: 973-983-2810

Emergency Phone #: 973-625-4000

Local Public Education Coordinator: Cara Sileno

Title: Environmental Health Specialist

Office Phone #: 973-983-2842

Emergency Phone #: 973-625-4000

Ordinance Coordinator: James Lutz

Title: Municipal Engineer

Office Phone #: 973-983-2810

Emergency Phone #: 973-625-4000

Public Works Coordinator: Robert Sheard

Title: Director of Public Works

Office Phone #: 973-983-2891

Emergency Phone #: 973-625-4000

Employee Training Coordinator: Robert Sheard

Title: Director of Public Works

Office Phone #: 973-983-2891

Emergency Phone #: 973-625-4000

Other: Adam Brewer

Title: Business Administrator

Office Phone #: 973-983-2869

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ROCKAWAY TOWNSHIP

STORMWATER POLLUTION PREVENTION PLAN

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SPPP Form 2 - Public Notice

Municipality
Information

Municipality: Rockaway Township

County: Morris County

NJPDES # :NJG 0151246

PI ID #: 213701

Team Member/Title: Marcy Gianattasio, Acting Municipal & Erin

Murray, Planning & Zoning

Effective Date of Permit Authorization (EDPA): April 1, 2004

Date of Completion: May 2004

Date of most recent update: May 2018

Briefly outline the principal ways in which you comply with applicable State and local public notice requirements when providing for public participation in the development and implementation of your stormwater program.

For meetings where public notice is required under the Open Public Meetings Act ("Sunshine Law," N.J.S.A. 10:4-6 et seq.), Daisy Township provides public notice in a manner that complies with the requirements of that Act. Also, in regard to the passage of ordinances, Daisy Township 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 stormwater management plan) subject to public notice requirements in the Municipal Land Use Law (N.J.S.A. 40:55D-1 et seq.), The Township complies with those requirements.

SPPP Form 3 – New Development and Redevelopment Program

Municipality Information

Municipality: Township of Rockaway

County: Morris

NJPDES # : NJG0151246

PI ID #: 213701

Team Member/Title: James Lutz, Township Engineer

Effective Date of Permit Authorization (EDPA): January 1, 2018

Date of Completion: On-going

Date of most recent update: May 2018

Describe in general terms your post-construction stormwater management in new development and redevelopment program (post-construction program), and how it complies with the Tier A Permit minimum standard. This description must address compliance with the Residential Site Improvement Standards for stormwater management; ensuring adequate long-term operation and maintenance of BMPs (including BMPs on property that you own or operate); design of storm drain inlets (including inlets that you install); and preparation, adoption, approval, and implementation of a municipal stormwater management plan and municipal stormwater control ordinance(s). Attach additional pages as necessary. Some additional specific information (mainly about that plan and ordinance(s)) will be provided in your annual reports.

(Page 1 of 2)

To control stormwater from new development and redevelopment projects throughout the Township of Rockaway (including projects undertaken by the municipality) we will do the following:

We are already ensuring that all new residential development and redevelopment projects that are subject to the Residential Site Improvement Standards for stormwater management (including the NJDEP Stormwater Management Rules, N.J.A.C. 7:8, referenced in those standards) are in compliance with those standards. The Planning Board and Board of Adjustment ensure compliance before issuing preliminary subdivision or preliminary site plan approvals under the Municipal Land Use Law.

Since the EDPA, the Township has not constructed any new development or redevelopment projects on municipal property. If the Township decides to construct such a project before the municipal stormwater control ordinance takes effect, we will ensure adequate long-term operation and maintenance BMPs for that project. We will also require any storm drain inlets that we install to comply with the design standards in Attachment C of our permit. Once our municipal stormwater control ordinance takes effect, we will ensure such operation and maintenance for any new development or redevelopment projects on municipal property by complying with that ordinance. In addition, any storm inlets we install for such projects will comply with that ordinance's standard for such inlets.

A municipal stormwater management plan was prepared. It is scheduled for public hearing on April 18, 2005. The plan will be forwarded to the Morris County Planning staff for review. The stormwater management plan and municipal stormwater control ordinance will be adopted by the Planning Board and Township Council, respectively, and will be submitted to the County for approval.

SPPP Form 3 – New Development and Redevelopment Program

Municipality
Information

Municipality: Township of Rockaway

County: Morris

NJPDES # : NJG0151246

PI ID #: 213701

Team Member/Title: James Lutz, Township Engineer

Effective Date of Permit Authorization (EDPA): January 1, 2018

Date of Completion: On-going

Date of most recent update: May 2018

Describe in general terms your post-construction stormwater management in new development and redevelopment program (post-construction program), and how it complies with the Tier A Permit minimum standard. This description must address compliance with the Residential Site Improvement Standards for stormwater management; ensuring adequate long-term operation and maintenance of BMPs (including BMPs on property that you own or operate); design of storm drain inlets (including inlets that you install); and preparation, adoption, approval, and implementation of a municipal stormwater management plan and municipal stormwater control ordinance(s). Attach additional pages as necessary. Some additional specific information (mainly about that plan and ordinance(s)) will be provided in your annual reports.

(Page 2 of 2)

Once approved, the ordinance, which will be administered by the Township Planning Board, Board of Adjustment, Construction Official, and Township Engineer, will control stormwater from non-residential development and redevelopment projects. Where it is necessary to implement the municipal stormwater management plan, the approved ordinance will also control aspects of residential development and redevelopment projects that are not subject to the Residential Site Improvement Standards.

For any BMP that is installed in order to comply with the requirements of our post-construction program, the Township will ensure adequate long-term operation as well as preventive and corrective maintenance of BMPs. For BMPs on private property that the municipality does not own or operate, the Township intends to adopt and enforce a provision in the municipal stormwater control ordinance that will require the private entity to perform the operation and maintenance, with penalties if the private entity does not comply.

The Township will also enforce compliance, through the stormwater control ordinance, compliance with the design standards in Attachment C of our permit to control passage of solid and floatable materials through storm drain inlets.

SPPP Form 4- Local Public Education Program

Municipality
Information

Municipality: Township of Rockaway County Morris

NJPDES # : NJG0151246 PI ID #: 213701

Team Member/Title: Cara Sileno, REHS

Effective Date of Permit Authorization (EDPA): 01/01/2018

Date of Completion: On-going Date of most recent update: May 2018

Local Public Education Program

Describe your Local Public Education Program. Be specific on how you will distribute your educational information, and how you will conduct your annual event. Attach additional pages with the date(s) of your annual mailing and the date and location of your annual event.

The NJDEP brochure is posted on the Township Website. Extra copies will be available at the Municipal Building and the Municipal Library.

Our annual event will be held each year in conjunction with our Clean Communities program. We will make the NJDEP brochure and other educational materials available at this event.

SPPP Form 5 – Storm Drain Inlet Labeling

Municipality
Information

Municipality: Township of Rockaway

County: Morris

NJPDES # :NJG 0151246

PI ID #: 213701

Team Member/Title: Robert Sheard, Director of Public Works

Effective Date of Permit Authorization (EDPA): April 1, 2004

Date of Completion: On-going

Date of most recent update: May 2018

Storm Drain Inlet Labeling

Describe your storm drain inlet labeling program, including your labeling schedule, the details of your long-term maintenance plan, and plans on coordinating with watershed groups or other volunteer organizations.

For our storm drain inlet labeling program we plan on coordinating with our local youth and volunteer groups.

Where it is practical, they will do the labeling for us. In areas where it is not safe for the volunteer groups, our Public Works department will be doing the labeling. We will label all storm drain inlets that are along municipal streets with sidewalks, and all storm drain inlets within plazas, parking areas, or maintenance yards that are operated by Daisy Township.

Where the labeling is done by volunteer groups we will use stencils that will read "No dumping - Drains to Waterway" with a picture of a fish next to it. Where the labeling is done by the Public Works Department we will use plastic labels ordered from Binder Industries that will be applied using adhesive. We will be using these two different techniques because we feel that the volunteers who are doing the labeling will benefit the most from this program. The more opportunities they have to perform the storm drain labeling, the greater the benefit. However, we feel that having our Public Works Department constantly labeling and re-labeling the same areas will be more of a nuisance, so they will use the plastic labels that will only need to be applied once.

During our annual catch basin cleaning program, we will be checking these labels to ensure that they are still visible, and if they are not, we will ensure that the labels are replaced immediately.

SPPP Form 6 – MS4 Outfall Pipe Mapping

Municipality
Information

Municipality: Township of Rockaway County Morris

NJPDES # : NJG0151246 PI ID #: 213701

Team Member/Title: James Lutz, Township Engineer & Robert Sheard, Director of Public Works

Effective Date of Permit Authorization (EDPA): 01/01/2018

Date of Completion: On-going Date of most recent update: May 2018

Explain how you will prepare your map (include its type and scale, and the schedule for the mapping process). Who will prepare your map (e.g., municipal employees, a consultant, etc.)?

Outfalls will be located by Township Department of Public Works, Engineering Department, and Health Department employees. The Township Engineering Department will prepare outfall maps at a scale of 1" = 100'. Alphanumeric identifiers will be assigned to each outfall.

For the outfall mapping program, the Township has been divided into two sectors. Sector A is the portion of the Township that is south of Route 80. Sector B is the portion of the Township that is north of Route 80 mapping or paper maps was completed b/w 2006 and 2009.

SPPP Form 7 – Illicit Connection Elimination Program

Municipality Information

Municipality: Township of Rockaway

County: Morris

NJPDES # : NJG 0151246

PI ID #: 213701

Team Member/Title: Cara Sileno, SREHS

Effective Date of Permit Authorization (EDPA): 01/01/2018

Date of Completion: On-going

Date of most recent update: May 2018

Describe your Illicit Connection Elimination Program, and explain how you plan on responding to complaints and/or reports of illicit connections (e.g., hotlines, etc.). Attach additional pages as necessary.

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.

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

If an illicit connection is found to originate in another public entity, then the Township[of Rockaway will report the illicit connection to NJDEP.

Residents can report illicit connections to the Township by sending e-mail through the Township's website or calling the Township's Health Department.

SPPP Form 9 – Yard Waste Ordinance/Collection Program

Municipality Information

Municipality: Township of Rockaway

County: Morris

NJPDES # :NJG 0151246

PI ID #: 213701

Team Member/Title: Cara Sileno, REHS & Al Knoth, Superintendent/Recycling Coordinator

Effective Date of Permit Authorization (EDPA): 01/01/2018

Date of Completion: on-going

Date of most recent update: May 2018

Please describe your yard waste ordinance/collection program. Be sure to include the collection schedule and how you will notify the residents and businesses of this schedule. Attach additional pages as necessary.

The Township collects leaves, brush and grass nine times per year (April, May, June, July, August, September, October, November and December). The curbside collection schedule is included in the Rockaway Township Recycling Schedule brochure. The brochure is available on line.

The Township has updated the collection calendar with both a website page dedicated to Recycling and Curbside Collection and a re-Collect App. The Re-Collect App allows residents to sign up for free text message alerts on their respective collection days.

SPPP Form 10 - Ordinances

Municipality
Information

Municipality: Rockaway Township

County: Morris County

NJPDES # :NJG 0151246

PI ID #: 213701

Team Member/Title: James Lutz, Municipal Engineer

Effective Date of Permit Authorization (EDPA): 01/01/2018

Date of Completion: on-going

Date of most recent update: May 2018

For each ordinance, give the date of adoption. If not yet adopted, explain the development status:

Pet Waste: adopted 2006

Are information sheets regarding pet waste distributed with pet licenses? Y (X) N ()

Litter: adopted 2006

Improper Waste Disposal: adopted 2006

Wildlife Feeding: adopted 2006

Yard Waste: adopted 2006

Illicit Connections: adopted 2006

Refuse container/Dumpster adopted 2010 – Private Storm Drain adopted 2010

How will these ordinances be enforced?

The Township's Health Department and Police Department will enforce these ordinances. Finances will be applicable for violations of these ordinances.

SPPP Form 11 – Storm Drain Inlet Retrofitting

Municipality Information

Municipality: Daisy Township County: Morris
 NJPDES # :NJG 0151246 PI ID #: 213701
 Team Member/Title: Robert Sheard, Director of Public Works
 Effective Date of Permit Authorization (EDPA): 01/01/2018
 Date of Completion: on-going Date of most recent update: May 2018

What type of storm drain inlet design will generally be used for retrofitting?

For most projects Daisy 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.

Repaving, repairing, reconstruction or alteration project name	Projected start date	Start date	Date of completion	# of storm drain inlets	# of storm drains w/ hydraulic exemptions
		-	-	6	0
		-	-	3	1
		-	-	2	-

Are you claiming any alternative device exemptions or historic place exemptions for any of the above projects? Please explain:

SPPP Form 12 – Street Sweeping and Road Erosion Control Maintenance

Municipality Information

Municipality: Township of Rockaway

County: Morris

NJPDES # NJG0151246

PI ID #: 213701

Team Member/Title: Robert Sheard, Director of Public Works

Effective Date of Permit Authorization (EDPA): 01/01/2018

Date of Completion: On-going

Date of most recent update: May 2018

Street Sweeping

Please describe the street sweeping schedule that you will maintain.

(NOTE: Attach a street sweeping log containing the following information: date and area swept, # of miles swept and the total amount of materials collected.)

Weather permitting, the Township will sweep the following streets, within the municipal boundaries on a monthly basis: Commons Way, Roundhill Road, Mt. Pleasant Avenue between Mt. Hope Avenue and Route 15, Carrell Street, Richard Avenue, Lee Avenue, Roy Street, and Old Beach Glen Road between Meriden Road and the Beaver Brook bridge.

Road Erosion Control Maintenance

Describe your Road Erosion Control Maintenance Program, including inspection schedules. A list of all sites of roadside erosion and the repair technique(s) you will be using for each site should be attached to this form.

(NOTE: Attach a road erosion control maintenance log containing the following information: location, repairs, date)

The Township Department of Public Works employees will monitor municipal roads for erosion problems during normal patrols. All identified erosion problems will be reported to the Director of the DPW. During SPPP team meetings, identified areas of erosion will be discussed and repair projects prioritized. Road maintenance personnel will repair erosion problems in accordance with the Standards for Erosion and Sediment Control in New Jersey. The director of the DPW will maintain a list of all repairs and the corresponding dates completed. The stats of the Road Erosion Control Maintenance Program will be included in the Annual Report and Recertification.

SPPP Form 13 – Stormwater Facility Maintenance

Municipality
Information

Municipality: Township of Rockaway

County: Morris

NJPDES # :NJG 0151246

PI ID #: 213701

Team Member/Title: Robert Sheard, Director of Public Works

Effective Date of Permit Authorization (EDPA): 01/01/2018

Date of Completion: On-going

Date of most recent update: May 2018

Please describe your annual catch basin cleaning program and schedule. Attach a map/diagram or additional pages as necessary.

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.

Please describe your stormwater facility maintenance program for cleaning and maintenance of all stormwater facilities operated by the municipality. Attach additional pages as necessary.

(NOTE: Attach a maintenance log containing information on any repairs/maintenance performed on stormwater facilities to ensure their proper function and operation.)

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.

SPPP Form 14 - Outfall Pipe Stream Scouring Remediation

Municipality Information

Municipality: Township of Rockaway

County: Morris

NJPDES # NJG 0123456

PI ID #: 12345

Team Member/Title: Robert Sheard, Public Works Supervisor, James Lutz, Municipal Engineer, Allison Ferrante, Principal Engineer, Al Knoth, Recycling Coordinator

Effective Date of Permit Authorization (EDPA): April 1, 2004

Date of Completion: On-going

Date of most recent update: May 2018

Describe your stormwater outfall pipe scouring detection, remediation and maintenance program to detect and control active, localized stream and stream bank scouring. Attach additional pages as necessary.

(NOTE: Attach a prioritized list of sites observed to have outfall pipe stream and stream bank scouring, date of anticipated repair, method of repair and date of completion.)

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

Each repair will be inspected annually to ensure that scouring did not resume.

We will maintain a log of outfall pipe stream scouring locations including date observed, proposed method of repair and permits/access rights needed to implement, date of repair completion, and re-inspection dates.

2007 – 2008 DPW installed large rip rap along washout/scour area along north side of Mt. Pleasant Ave (just west of Mt. Hope Ave).

December 9, 2010: Installed curbing along north side of Mt. Pleasant Ave. (just west of Mt. Hope Ave) to address roadside scouring condition.

SPPP Form 15 – De-icing Material and Sand Storage

Municipality
Information

Municipality: Township of Rockaway

County: Morris

NJPDES # :NJG 0151246

PI ID #: 213701

Team Member/Title: Robert Sheard, Director of Public Works

Effective Date of Permit Authorization (EDPA): 01/01/2018

Date of Completion: On-going

Date of most recent update: May 2018

De-icing Material and Sand Storage

Describe how you currently store your municipality's de-icing materials, and describe your inspection schedule for the storage area. If your current storage practices do not meet the de-icing material storage SBR describe your construction schedule and your seasonal tarping interim measures. If you plan on sharing a storage structure, please include its location, as well as a complete list of all concerned public entities. If you store sand outdoors, describe how it meets the minimum standard.

The Municipal Public Works facility on Green Pond Road has a dome for storage of salt and an above ground plastic tank for storage of calcium chloride.

SPPP Form 16 – Standard Operating Procedures

Municipality Information

Municipality: Township of Rockaway

County: Morris

NJPDES # : NJG 0151246

PI ID #: 213701

Team Member/Title: Robert Sheard, Director of Public Works

Effective Date of Permit Authorization (EDPA): 01/01/2018

Date of Completion: On-going

Date of most recent update: May 2018

BMP	Date SOP went into effect	Describe your inspection schedule
Fueling Operations (including the required practices listed in Attachment D of the permit)	<i>July 15, 2004</i>	Annual inspection by a third party (JIF)
Vehicle Maintenance (including the required practices listed in Attachment D of the permit)	<i>July 3, 2004</i>	<i>Annual inspection by a third party (JIF).</i>
Good Housekeeping Practices (including the required practices listed in Attachment D of the permit) Attach inventory list required by Attachment D of the permit.	<i>May 20, 2004</i>	<i>Annual inspection by a third party (JIF).</i>

SPPP Form 17 – Employee Training

Municipality Information

Municipality: Township of Rockaway County: Morris
 NJPDES # :NJG 0151246 PI ID #: 213701
 Team Member/Title: Robert Sheard, DPW & Cara Sileno, REHS
 Effective Date of Permit Authorization (EDPA): 01/01/2018
 Date of Completion: On-going Date of most recent update: May 2018

Describe your employee training program. For each required topic, list the employees that will receive training on that topic, and the date the training will be held. Attach additional pages as necessary.

Rockaway Township purchased and will use EXCAL Visual's "Municipal Storm Water Pollution Prevention Storm Watch" employee training materials.

Employee training topics and the municipal employees that will attend will be as follows:

<i>Course:</i>	<i>Who will attend</i>
<i>Waste Disposal Education</i>	<i>Department of Public Works & Health Department</i>
<i>Municipal Ordinances</i>	<i>DPW, Health, Engineering & Code Enforcement & Police Department</i>
<i>Illicit Connection Elimination & Outfall Pipe Mapping</i>	<i>DPW, Health, Engineering & Code Enforcement</i>
<i>Street Sweeping</i>	<i>Department of Public Works</i>
<i>Stormwater Facility Maintenance</i>	<i>public works employees</i>
<i>Road Erosion Control & Outfall Pipe Stream Scouring Remediation</i>	<i>Department of Public Works</i>
<i>Maintenance Yard Operations</i>	<i>Department of Public Works</i>
<i>Construction Activity/Post-Construction Stormwater Management in New Development</i>	<i>Department of Public Works & Engineering</i>

Illicit Connection Elimination and Outfall Pipe Mapping field training will include procedures to properly conduct illicit connection detections, investigations, and eliminations.

Maintenance Yard Operations (field training will include the SOPs for fueling, vehicle and equipment maintenance, general good housekeeping, and good housekeeping for de-icing materials storage).