

Tier A Municipal Stormwater Regulation Program

Stormwater Pollution Prevention Team Members

Number of team members may vary.

Completed by: Robert Flynn

Title: Superintendent of Public Works

Date: 01/01/2018

Municipality: Middle

County: Cape May

NJPDES #: NJG149250

PI ID #: 207225

Stormwater Program Coordinator: Robert Flynn

Title: Superintendent of Public Works

Office Phone #: 609-465-8745

Emergency Phone #: _____

Public Notice Coordinator: Robert Flynn

Title: Superintendent of Public Works

Office Phone #: 609-465-8745

Emergency Phone #: 609-602-1245

Post-Construction Stormwater Management Coordinator: Vincent Orlando

Title: Municipal Engineer

Office Phone #: 609-390-0332

Emergency Phone #: _____

Local Public Education Coordinator: Robert Flynn

Title: Superintendent of Public Works

Office Phone #: 609-465-8745

Emergency Phone #: _____

Ordinance Coordinator: Kim Krauss

Title: Municipal Clerk

Office Phone #: 609-465-8866

Emergency Phone #: _____

Public Works Coordinator: Chris Camp

Title: Ass Superintendent of Public Works

Office Phone #: 609-465-8745

Emergency Phone #: _____

Employee Training Coordinator: Vera Kalish

Title: Personnel

Office Phone #: 609-465-8866

Emergency Phone #: _____

Other: Steve Mills

Title: Sewer Department

Office Phone #: 609-465-8745

Emergency Phone #: _____

SPPP Form 2 - Public Notice

Municipality
Information

Municipality: Middle

County: Cape May

NJPDES # : NJG0149250

PI ID #: 207225

Team Member/Title: Kim Krauss/ Municipal Clerk

Effective Date of Permit Authorization (EDPA): 02/02/2004

Date of Completion: 08/09/2004

Date of most recent update: 12/08/2017

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.

Middle Township provides public notice when required on the passage of ordinances and other issues pertaining to the SPPP under open public meetings act NJSA 10:4-6 et seq., NJSA 40:49-1 et seq. and NJSA 40:55D--1 et seq.

SPPP Form 3 – New Development and Redevelopment Program

Municipality
Information

Municipality: Middle

County: Cape May

NJPDES # : NJG0149250

PI ID #: 207225

Team Member/Title: Vince Orlando/ Municipal Engineer

Effective Date of Permit Authorization (EDPA): 02/02/2004

Date of Completion: 08/09/2004 Date of most recent update: 12/08/2017

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.

Middle Township ensures that all new residential development and redevelopment projects are subject to the Residential Site Improvement Standards for storm water management. Our planning and zoning boards ensuresuch compliance before issuingpreliminary or final subdivision or site plan approvals under the Municipal Land Use Law. Both the Stormwater Control Ordinance and Municipal Stormwater Management Plan were adopted on 02/05/2007 since there approval, the ordinances have been administered by the planning and zoning board along with the code enforcement officer to control stormwater from nonresidential development and redevelopment projects. Middle Township ensures adequate BPM for long term operation along with preventative and corrective maintenance.

SPPP Form 4- Local Public Education Program

Municipality
Information

Municipality: Middle County Cape May

NJPDES # : 0149250 PI ID #: 207225

Team Member/Title: Robert Flynn/ Superintendent of Public Works

Effective Date of Permit Authorization (EDPA): 02/02/2004

Date of Completion: 08/11/2004 Date of most recent update: 12/08/2017

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.

For our annual distribution, the Township mails the NJDEP brochure, along with our recycling pamphlet and yard waste pickup schedule. This information is also available on our web site www.Middletownship.com, the county library, Municipal building and Public Works building. During the annual Fall Harvest Festival in October the NJDEP brochures and other educational materials are on display for the open public.

Other information distribution:

Public Works Shred Day is held twice a year and information is given out at that time.

Free Rabies Clinic at Public Works is held twice a year and information is given out at that time.

SPPP Form 6 – MS4 Outfall Pipe Mapping

Municipality
Information

Municipality: Middle County Cape May

NJPDES # : 0149250 PI ID #: 207225

Team Member/Title: Robert Flynn/Superintendent of Public Works

Effective Date of Permit Authorization (EDPA): 02/02/2004

Date of Completion: 01/28/2005 Date of most recent update: 12/08/2017

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.)?

In 2004 the Cape May County Planning Department completed the mapping of all existing inlets and outfalls.

In 2009 a new Stormwater manager updated GIS maps with any and all new inlets and outfalls.

On May 5th 2015 an Ordinance will be introduced requiring all new plans be submitted in electronic format to be imported into the GIS system.

SPPP Form 8 – Illicit Connection Records

Municipality Information	Municipality: <u>Middle County Cape May</u> NJPDES # : <u>0149250</u> PI ID #: <u>207225</u> Team Member/Title: <u>Chris Camp</u> Effective Date of Permit Authorization (EDPA): <u>02/02/2004</u> Date of Completion: <u>01/28/2005</u> Date of most recent update: <u>04/21/2015</u>
Prior to May 2, 2006	
<i>Note: Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow.</i>	
Total number of inspections performed this year? <u>NA</u>	
Number of outfalls found to have a dry weather flow? <u>1 Res Laundry</u>	
Number of outfalls found to have an illicit connection? <u>1</u>	
How many illicit connections were eliminated? <u>1</u>	
Of the illicit connections found, how many remain? <u>1/0</u>	
May 2, 2006 – May 1, 2007	
<i>Note: Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow.</i>	
Total number of inspections performed this year? <u>3</u>	
Number of outfalls found to have a dry weather flow? <u>0</u>	
Number of outfalls found to have an illicit connection? <u>0</u>	
How many illicit connections were eliminated? <u>0</u>	
Of the illicit connections found, how many remain? <u>0</u>	
May 2, 2007 – May 1, 2008	
<i>Note: Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow.</i>	
Total number of inspections performed this year? <u>NA</u>	
Number of outfalls found to have a dry weather flow? <u>NA</u>	
Number of outfalls found to have an illicit connection? <u>NA</u>	
How many illicit connections were eliminated? <u>NA</u>	
Of the illicit connections found, how many remain? <u>NA</u>	
May 2, 2008 – May 1, 2009	
<i>Note: Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow.</i>	
Total number of inspections performed this year? <u>20</u>	
Number of outfalls found to have a dry weather flow? <u>0</u>	
Number of outfalls found to have an illicit connection? <u>0</u>	
How many illicit connections were eliminated? <u>0</u>	
Of the illicit connections found, how many remain? <u>0</u>	

SPPP Form 10 - Ordinances

Municipality
Information

Municipality: Middle County Cape May

NJPDES # : 0149250 PI ID #: 207225

Team Member/Title: Kim Krauss/ Municipal Clerk

Effective Date of Permit Authorization (EDPA): 02/02/2004

Date of Completion: 01/28/2005 Date of most recent update: 04/21/2015

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

Pet Waste 02/07/2005

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

Litter 02/07/2005

Improper Waste Disposal 02/07/2005

Wildlife Feeding 02/07/2005

Yard Waste 02/07/2005

Illicit Connections 02/07/2005

How will these ordinances be enforced?

Middle Township Code Enforcement Officers and local Police Officers will enforce the above ordinances. If an individual is found in violation of an ordinance they will be issued a written warning for the first offense and penalties will be issued for subsequent offences in accordance with the ordinance.

SPPP Form 11 – Storm Drain Inlet Retrofitting

Municipality Information

Municipality: Middle County Cape May

NJPDES # :0149250 PI ID #: 207225

Team Member/Title: Robert Flynn/ Superintendent of Public Works

Effective Date of Permit Authorization (EDPA): 02/02/2004

Date of Completion: 01/28/2005 Date of most recent update: 12/08/2017

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

Depends of each individual application.

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

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

No

SPPP Form 13 – Stormwater Facility Maintenance

Municipality
Information

Municipality: Middle County: Cape May

NJPDES # : 0149250 PI ID #: 207225

Team Member/Title: Chris Camp/ Asst Superintendent of Public Works

Effective Date of Permit Authorization (EDPA): 02/02/2004

Date of Completion: 01/28/2005 Date of most recent update: 04/21/2015

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

Middle township currently implements an annual catch basin cleaning program to maintain the function and efficiency. Catch basins are inspected once each year.

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.)

Middle Township currently implements a stormwater maintenance program to ensure that all stormwater facilities operated by the township function properly.

SPPP Form 11 – Storm Drain Inlet Retrofitting

Municipality Information

Municipality: Middle County Cape May
 NJPDES # : 0149250 PI ID #: 207225
 Team Member/Title: Robert Flynn/ Superintendent of Public Works
 Effective Date of Permit Authorization (EDPA): 02/02/2004
 Date of Completion: 01/28/2005 Date of most recent update: 12/08/2017

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

Depends of each individual application.

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

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

No

SPPP Form 13 – Stormwater Facility Maintenance

Municipality
Information

Municipality: Middle County County: Cape May

NJPDES # :0149250PI ID #: 207225

Team Member/Title: Chris Camp/ Asst Superintendent of Public Works

Effective Date of Permit Authorization (EDPA):02/02/2004

Date of Completion: 01/28/2005 Date of most recent update: 12/08/2017

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

Middle township currently implements an annual catch basin cleaning program to maintain the function and efficiency. Catch basins are inspected once each year.

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.)

Middle Township currently implements a stormwater maintenance program to ensure that all stormwater facilities operated by the township function properly.

SPPP Form 15 – De-icing Material Storage

Municipality
Information

Municipality: Middle County Cape May

NJPDES # : 0149250 PI ID #: 207225

Team Member/Title: Robert Flynn/ Superintendent of Public Works

Effective Date of Permit Authorization (EDPA): 02/02/2004

Date of Completion: 01/28/2005 Date of most recent update: 12/08/2017

De-icing Material 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.

Middle Township stores bulk roadway salt at Cape May county storage facilities located at several locations in the county. A small amount of bagged salt is stored inside the garage for walkway deicing (one pallet).

SPPP Form 17 – Employee Training

Municipality
Information

Municipality: Middle County Cape May

NJPDES # : 0149250 PI ID #: 207225

Team Member/Title: Vera Kalish/ Personnel

Effective Date of Permit Authorization (EDPA): 02/02/2004

Date of Completion: 01/28/2005 Date of most recent update: 12/08/2017

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.

Stormwater training Online video 05/20/2017

Illicit Connection Inspection Report Form

Municipality
Information

Municipality: _____ County _____

NJPDES # : _____ PI ID #: _____

Team Member: _____

Date _____ Effective Date of Permit Authorization (EDPA): _____

Outfall #: _____ Location: _____

Receiving Waterbody: _____

1. Is there a dry weather flow? Y () N ()
2. If "YES", what is the outfall flow estimate? _____ gpm
(flow sample should be kept for further testing, and this form will need to be submitted with the Annual Report and Certification)
3. Are there any indications of an intermittent flow? Y () N ()
4. If you answered "**NO**" to BOTH questions #1 and #3, there is probably not an illicit connection and you can skip to question #7.
(NOTE: This form **does not** need to be submitted to the Department, but should be kept with your SPPP.)

If you answered "**YES**" to either question, please continue on to question #5.
(NOTE: This form will need to be submitted to the Department with the Annual Report and Certification.)

5. PHYSICAL OBSERVATIONS:

- (a) ODOR: none _____
- (b) COLOR: none _____
- (c) TURBIDITY: none _____
- (d) FLOATABLES: none _____
- (e) DEPOSITS/STAINS: none _____
- (f) VEGETATION CONDITIONS: normal
- (g) DAMAGE TO OUTFALL STRUCTURES:
IDENTIFY STRUCTURE: _____
DAMAGE: none _____

6. ANALYSES OF OUTFALL FLOW SAMPLE:

* field calibrate instruments in accordance with manufacturer's instructions prior to testing.

- (a) DETERGENTS: _____ mg/L

(if sample is greater than 0.06 mg/L, the sample is contaminated with detergents [which may be from sanitary wastewater or other sources]. Further testing is required and this outfall should be given the highest priority.)

(if the sample is not greater than 0.06 mg/L and it does not show physical characteristics of sanitary wastewater [e.g., odor, floatables, and/or color] it is unlikely that it is from sanitary wastewater sources, yet there may still be an illicit connection of industrial wastewater, rinse water, backwash or cooling water. Skip to question #6c.)



Closeout Investigation Form

Municipality
Information

Municipality: _____ County _____

NJPDES # : **NJG** _____ PI ID #: _____

Team Member / Title: _____

Outfall #: _____ Location: _____

Receiving Waterbody: _____

Basis for Submittal:

- () A non-stormwater discharge was found, but no source was located within six months.
- () An intermittent non-stormwater discharge was observed, and three unsuccessful investigations were conducted to investigate the discharge while it was flowing.

Describe each phase of your investigation, including dates. Attach additional pages as necessary:

Inspector's Name: _____

Title: _____

Signature: _____

Date: _____

Complete and attach this form to the appropriate Illicit Connection Inspection Report Form and submit with the Annual Report and Certification.