



*PROFESSIONAL ENGINEERS, LAND SURVEYORS AND PLANNERS  
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**MUNICIPAL STORMWATER  
POLLUTION PREVENTION PLAN**

**for the**

**BOROUGH OF GIBBSBORO**  
**Camden County, New Jersey**

**(KEI #24-237GB0304)**

March 7, 2005  
Revised April 15, 2015  
Revised December 1, 2017

\_\_\_\_\_  
Date

\_\_\_\_\_  
Gregory B. Fusco, P.E., P.P., C.P.W.M.  
Certified Municipal Engineer  
Gibbsboro Borough Engineer

Tier A Municipal Stormwater Regulation Program

# Stormwater Pollution Prevention Team Members

Number of team members may vary.

Completed by: *Gregory B. Fusco, P.E.*

Title: Gibbsboro Borough Engineer

Date: February 28, 2005

Municipality: Borough of Gibbsboro

County: Camden

NJPDES #: NJG 0152773

PI ID #: 208167

Stormwater Program Coordinator: Gregory B. Fusco, P.E.

Title: Borough Engineer

Office Phone #: 856-767-6361

Emergency Phone #: 856-296-4192

Public Notice Coordinator: Anne Levy, R.M.C., C.M.C.

Title: Borough Clerk

Office Phone #: 856-783-6655

Emergency Phone #:

Post-Construction Stormwater Management Coordinator: Gregory B. Fusco, P.E.

Title: Borough Engineer

Office Phone #: 856-767-6361

Emergency Phone #: 856-296-4192

Local Public Education Coordinator: Edward G. Campbell, III

Title: Mayor

Office Phone #: 856-783-6655

Emergency Phone #:

Ordinance Coordinator: Anne D. Levy, R.M.C., C.M.C.

Title: Borough Clerk

Office Phone #: 856-783-6655

Emergency Phone #:

Public Works Coordinator: Edward G. Campbell, III

Title: Mayor

Office Phone #: 856-783-6655

Emergency Phone #:

Employee Training Coordinator: Edward G. Campbell, III

Title: Mayor

Office Phone #: 856-783-6655

Emergency Phone #:

Other:

Title:

Office Phone #:

Emergency Phone #:

## SPPP Form 2 - Public Notice

Municipality  
Information

Municipality: Gibbsboro Borough    County: Camden

NJPDES # : NJG 0152773    PI ID #: 208167

Team Member/Title: Anne D. Levy, R.M.C., Borough Clerk

Effective Date of Permit Authorization (EDPA): April 1, 2005

Date of Completion: June 2005    Date of most recent update: \_\_\_\_\_

For meetings where public notice is required under the Open Public Meetings Act ("Sunshine Law," N.J.S.A. 10:4-6 et seq.), the Borough of Gibbsboro provides public notice in a manner that complies with the requirements of that Act. Also, in regard to the passage of ordinances, the Borough of Gibbsboro 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 Borough of Gibbsboro complies with those requirements.

## SPPP Form 3 – New Development and Redevelopment Program

Municipality  
Information

Municipality: Gibbsboro Borough County: Camden

NJPDES # : NJG 0152773 PI ID #: 208167

Team Member/Title: Mayor Edward G. Campbell, III

Effective Date of Permit Authorization (EDPA): April 1, 2005

Date of Completion: May 2005 Date of most recent update: April 15, 2015

To control stormwater from new development and redevelopment projects throughout the Borough of Gibbsboro, including all municipal projects, the Borough will do the following:

The Borough requires that all new residential development and redevelopment projects that are subject to the Residential Site Improvement Standards (RSIS) for stormwater management (including the N.J.D.E.P. Stormwater Management rules, N.J.A.C. 7:8, referenced in those standards) are in compliance with those standards. Our planning and zoning boards ensure such compliance before issuing preliminary or final subdivision or site plan approvals under the Municipal Land Use Law.

All development or infrastructure projects that are constructed in the municipality will follow the Borough Municipal Stormwater Control Ordinance adopted July 26, 2006. The Borough will ensure adequate long-term operation and maintenance of BMPs, for each project, by following the Project Maintenance Plan that has been established for said project. Maintenance Plans for individual projects will be prepared following the Maintenance Plan outline described in the Municipal Stormwater Ordinance. All new roadway reconstruction projects that are started after January 1, 2005 will be modified to include new storm drain inlets that comply with Attachment C of the Municipal Stormwater Permit. Whenever financially possible, and where properly applicable, the Borough will also retrofit existing inlets to comply with Attachment C of the municipal permit. Once the new stormwater ordinance takes effect, the Borough will ensure such operation and maintenance for all new development and redevelopment projects performed by the municipality by complying with the maintenance requirements in the stormwater ordinance. The Borough will also comply with the ordinance standards for the maintenance of storm drain inlets that are installed and must comply with Attachment C of the municipal permit.

The Stormwater Control Ordinance was completed in April 2006, adopted July 26, 2006 and was submitted to the County Planning Board on August 2, 2006. The Ordinance was submitted to the County Planning Board on June 26, 2007.

The Stormwater Management Plan was completed in March 2005 and was submitted to the County Planning Board on June 26, 2007.

The Ordinance is administered by our Planning/Zoning Board and Code Enforcement Officer, and controls stormwater from non-residential development and redevelopment projects. Where it is necessary to implement the municipal stormwater management plan, the approved Ordinance also controls 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 Borough of Gibbsboro will ensure adequate long-term operation as well as preventative and corrective maintenance (including replacement) of BMPs. For BMPs on private property that we do not own or operate, the Borough of Gibbsboro intends to do this by adopting and enforcing a provision in the municipal stormwater control ordinance that requires the private entity to perform the operation and maintenance, with penalties if the private entity does not comply. If, for example, the private entity does not perform the required maintenance, the Borough can perform the maintenance and charge the private entity.

The Borough of Gibbsboro will also enforce, through the municipal stormwater control ordinance, compliance with the design standard in Attachment C of our permit to control passage of solid and floatable materials through storm drain inlets. The Borough of Gibbsboro expects that, for most projects, such compliance will be achieved either by conveying flows through a trash rack as described in the "Alternative Device Exemptions" or (for flows not conveyed through such a trash rack), by installation of the N.J.D.O.T. bicycle safe grate and (if needed) a curb opening with a clear space no bigger than two inches across the smallest dimension.

## SPPP Form 4- Local Public Education Program

Municipality  
Information

Municipality: Gibbsboro Borough County: Camden  
NJPDES # : NJG 0152773 PI ID #: 208167  
Team Member/Title: Mayor Edward G. Campbell, III  
Effective Date of Permit Authorization (EDPA): April 1, 2005  
Date of Completion: March 2005 Date of most recent update: April 15, 2015

### Local Public Education Program

For our annual distribution, the Borough will mail the N.J.D.E.P. brochure to residents and businesses. The brochure may be distributed with our municipal newsletter. Extra copies will be available at the County Library and at our Municipal Building.

An annual event will be held each year in coordination with our County Earth Day Celebration. We will make the N.J.D.E.P. brochure and other educational materials available at our table. Pencils, magnets and key chains with environmental messages related to the required BMP topics may be distributed to the public.

In addition, we will invite our high school environmental club, local watershed group and other environmental groups to set up their own booths during this event.

The Borough is aware of the program 10 Point Public Notification System and will educate the residents and businesses following the Program Guidelines. The Borough has notified the Community in the following manner:

- Mass Mailing (Ordinance Education) – 5 points
- Development Stormwater Section of Municipal Website – 1 point
- Mailing (Town Crier) – 3 points
- School Presentation – 1 point

## SPPP Form 5 – Storm Drain Inlet Labeling

Municipality  
Information

Municipality: Gibbsboro Borough County: Camden

NJPDES # : NJG 0152773 PI ID #: 208167

Team Member/Title: Mayor Edward G. Campbell, III

Effective Date of Permit Authorization (EDPA): April 1, 2005

Date of Completion: Sept. 2006 Date of most recent update: December 1, 2017

### Storm Drain Inlet Labeling

The Public Works Department has labeled all municipal owned inlets. All storm drain inlets that are along municipal streets with sidewalk, and all storm drain inlets within plazas, parking areas or maintenance yards that are operated by the Borough have been properly labeled. On-going maintenance of the labels is taking place. The last formal inspection of all inlets regarding the presence or maintenance of labels was performed June 2017. Labeling has been performed with metal disks. Inlet castings are being replaced with Eco heads on a continual basis and will eventually eliminate the need for metal disks.

Attached is a map of the municipality, which illustrates the location of all inlet structures, stormwater management BMP's and stormwater management basins. This map was last revised December 2016. A separate map has been prepared to document stormwater outfall structures.

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

Attachments :

Inlet Location Map, December 2017

Inlet Inspection Log, June 2017

## SPPP Form 6 – MS4 Outfall Pipe Mapping

<b>Municipality Information</b>	<p>Municipality: Gibbsboro Borough    County: Camden NJPDES # : NJG 0152773    PI ID #: 208167 Team Member/Title: Mayor Edward G. Campbell, III Effective Date of Permit Authorization (EDPA): April 1, 2005 Date of Completion: June 2006    Date of most recent update: <u>December 1, 2017</u></p>
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The Borough of Gibbsboro Public Works Department and the Municipal Engineer's Office have utilized a GPS Unit to map out the location of the end of all outfall pipes operated by the Borough. The Borough has identified, mapped and investigated (see Illicit Connection Elimination Program and Outfall Pipe Stream Scouring Remediation Program) each outfall pipe that has been located.

The map was completed June 27, 2005.

The outfall pipe locations are identified on a map that displays these outfall pipe locations, with an alphanumeric identifier at a scale of 1 inch = 100 feet. All water bodies receiving outfall pipe discharges are also identified on the map. The map (MS4 Map) was completed on June 27, 2005.

The map was revised in December 2016 to update and include outfalls associated with the stormwater management basin on Eastwick Drive.

A formal inspection of all outfalls (with photographs) was performed in June, 2017.

A separate map has been prepared to document the location of all inlets within the municipality.

Attachments :

MS4 Outfall Map  
Outfall Inspection Log, June 2017



## SPPP Form 7 – Illicit Connection Elimination Program

Municipality Information	Municipality: Gibbsboro Borough    County: Camden NJPDES # : NJG 0152773    PI ID #: 208167 Team Member/Title: Mayor Edward G. Campbell, III Effective Date of Permit Authorization (EDPA): April 1, 2005 Date of Completion: April 2006    Date of most recent update: April 15, 2015
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The Public Works Department has conducted an initial physical inspection of all outfall pipes during the mapping process. The staff has utilized the DEP Illicit Connection Inspection Report Form to conduct these inspections, and each of these forms has been logged with our SPPP records.

To date, no evidence of illicit connections has been found and the inspections are ongoing. Reports are available upon request.

## SPPP Form 8 – Illicit Connection Records

Municipality Information

Municipality: Gibbsboro Borough    County: Camden  
 NJPDES # : NJG 0152773    PI ID #: 208167  
 Team Member/Title: Mayor Edward G. Campbell, III  
 Effective Date of Permit Authorization (EDPA): April 1, 2005  
 Date of Completion: April 2006    Date of most recent update: \_\_\_\_\_

### Prior to May 2, 2006

**Note:** Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow.

Total number of inspections performed this year? Program implementation will begin October 2005

Number of outfalls found to have a dry weather flow?

Number of outfalls found to have an illicit connection?

How many illicit connections were eliminated?

Of the illicit connections found, how many remain?

### May 2, 2006 - May 1, 2007

**Note:** Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow.

Total number of inspections performed this year?

Number of outfalls found to have a dry weather flow?

Number of outfalls found to have an illicit connection?

How many illicit connections were eliminated?

Of the illicit connections found, how many remain?

### May 2, 2007 – May 1, 2008

**Note:** Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow.

Total number of inspections performed this year?

Number of outfalls found to have a dry weather flow?

Number of outfalls found to have an illicit connection?

How many illicit connections were eliminated?

Of the illicit connections found, how many remain?

### May 2, 2008 – May 1, 2009

**Note:** Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow.

Total number of inspections performed this year?

Number of outfalls found to have a dry weather flow?

Number of outfalls found to have an illicit connection?

How many illicit connections were eliminated?

Of the illicit connections found, how many remain?

## SPPP Form 9 – Yard Waste Ordinance/Collection Program

Municipality  
Information

Municipality: Gibbsboro Borough    County: Camden

NJPDES # : NJG 0152773    PI ID #: 208167

Team Member/Title: Mayor Edward G. Campbell, III

Effective Date of Permit Authorization (EDPA): April 1, 2005

Date of Completion: March 2005    Date of most recent update: April 15, 2015

We have considered the two options available, and have decided to develop a yard waste collection and disposal program instead of just adopting and enforcing an ordinance that prohibits placing non-containerized yard wastes in the street.

We will be conducting monthly collections of leaves and grass during the months of October, November and December, plus one collection in the Spring. During the remainder of the year, the Borough of Gibbsboro may hold additional yard waste collections, but no schedule has been determined for these. During the months when we are having collections, we will post our collection schedule and our ordinance requirements in our monthly newsletter which will be mailed to all residents and businesses the first of each month.

The Borough of Gibbsboro has adopted and is enforcing a yard waste ordinance (see SPPP Form 10) that will prohibit all yard wastes from being placed at the curb or along the street more than seven days prior to our scheduled collections, unless they are bagged or otherwise containerized. The ordinance will also prohibit the placing of yard waste closer than 10 feet from any storm sewer inlet along the street, unless they are bagged or otherwise containerized.

## SPPP Form 10 - Ordinances

Municipality  
Information

Municipality: Gibbsboro Borough      County: Camden  
NJPDES # : NJG 0152773      PI ID #: 208167  
Team Member/Title: Anne D. Levy, R.M.C., Borough Clerk and  
Mayor Edward G. Campbell, III  
Effective Date of Permit Authorization (EDPA): April 1, 2005  
Date of Completion: May 2005      Date of most recent update: April 15, 2015

Pet Waste: May 11, 2005

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

Litter: Adopted May 11, 2005, revised September 23, 2009

Improper Waste Disposal: Adopted May 11, 2005

Wildlife Feeding: Adopted May 11, 2005

Yard Waste: Adopted May 11, 2005, revised September 23, 2009

Illicit Connections: Adopted May 11, 2005

Our code enforcement officers and local police officer will enforce these ordinances. If someone is found to be in violation of an ordinance, they will be issued a written warning for first time offenses, and penalties will be issued for subsequent offenses.

Also amended Stormwater Control Ordinance (Chapter 340): September 23, 2009

Refuse Container: September 23, 2009

Private Catch Basin Retrofit: September 23, 2009

## SPPP Form 11 – Storm Drain Inlet Retrofitting

<b>Municipality Information</b>	Municipality: Gibbsboro Borough      County: Camden NJPDES # : NJG 0152773    PI ID #: 208167 Team Member/Title: Mayor Edward G. Campbell, III and Gregory B. Fusco, P.E., Borough Engineer Effective Date of Permit Authorization (EDPA): April 1, 2005 Date of Completion: March 2005    Date of most recent update: December 1, 2017
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*For most projects, the Borough of Gibbsboro will use the N.J.D.O.T. bicycle 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
Winding Way	April 2005			3	2
Alden Road Phase 1 and 2	April 2006			0	0
Gibraltar Office Complex T & L Transportation Site CVS Pharmacy	April 2007			2 2 2	0
Cedarcroft Road Edgehill Road Kirkwood Road	April 2012			14	0
Manor Road Johnson Road	April 2013			2 1	0
Cedar, Edgehill, Ridgewood, Wexford, Winding Way, Kirkwood, Farwood	April 2014			15	0
East Clementon Road	July 2017			2	

\*Please refer to Inlet Map for locations of inlets with Eco heads.

The Borough of Gibbsboro does not operate any alternative devices within the municipality. At this time, we do not plan on installing any such devices for repaving, repairing, reconstruction or alteration projects. We also do not plan on claiming any historic place exemptions.

## SPPP Form 12 – Street Sweeping and Road Erosion Control Maintenance

Municipality  
Information

Municipality: Gibbsboro Borough County: Camden

NJPDES # : NJG 0152773 PI ID #: 208167

Team Member/Title: Mayor Edward G. Campbell, III

Effective Date of Permit Authorization (EDPA): April 1, 2005

Date of Completion: Summer 2005 Date of most recent update: December 1, 2017

### Street Sweeping

The Borough of Gibbsboro has evaluated all of its streets to determine which areas will need to be swept monthly. These areas include the Development Section of the Borough, the Stump Town Section, Heritage Village and the Eastwick Major Subdivision. The Borough will reach out to the County Highway Department for the sweeping of all County roadways within the Borough. The Borough will also reach out to neighboring communities and utilize a Shared Services Agreement (when possible) for street sweeping activities.

Street sweeping records are available upon request.

### Road Erosion Control Maintenance

The Borough of Gibbsboro will use the Municipal Engineer's Office and the Public Works Department to monitor all their roads and streets for erosion problems during normal patrols. All identified road erosion problems will be reported to the Mayor, Clerk or Public Works Supervisor. During quarterly SPPP Team Meetings, identified areas of erosion will be discussed and repairs prioritized. All maintenance personnel will then be assigned to the areas of concern, and the areas identified to have road erosion problems will be repaired in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey. All maintenance personnel will maintain an inspection log, and the Public Works Department will maintain a list of all repairs and the dates completed. The status of the Road Erosion Control Maintenance Program will be included in the Annual Report and Recertification.

The Borough has constructed a sedimentation basin at the intersection of Eastwick Drive and Old Egg Harbor Road. The basin collects roadside erosion from the Haines Tract before it discharges to the Wynnewood development stormwater management basin. The basin is cleaned once or twice a year by the Borough. In the Fall 2017, the basin was removed and the area of concern was paved to correct the erosion problem. Stormwater from the new paved area is now directed to the detention/infiltration basin on Eastwick Drive.

## SPPP Form 13 – Stormwater Facility Maintenance

Municipality  
Information

Municipality: Gibbsboro Borough    County: Camden  
NJPDES # : NJG 0152773    PI ID #: 208167

Team Member/Title: Anne D. Levy, R.M.C., Clerk,

Mayor Edward G. Campbell, III and Gregory B. Fusco, P.E., Borough Engineer

Effective Date of Permit Authorization (EDPA): April 1, 2005

Date of Completion: Fall 2006    Date of most recent update: April 15, 2015

### **Please describe your annual catch basin cleaning program and schedule. Attach a**

The Borough of Gibbsboro will implement an annual catch basin cleaning program to maintain catch basin function and efficiency. All catch basins will be inspected once each year. 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. All catch basins will be inspected yearly, even if they are found to be “clean” the previous year. 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. The annual catch basin cleaning program began in April of 2005.

The Borough of Gibbsboro has implemented a stormwater facility maintenance program (stormwater ordinance) to ensure that all stormwater facilities operated by the Borough function properly. The Borough of Gibbsboro operates the following structures:

- catch basins throughout the streets and roads of the Borough (non-county)
- storm drains throughout the streets and roads of the Borough (non-county)
- refer to the Inlet Map and spreadsheet for all stormwater management basins and bmp’s owned by the Borough or by private entities.

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 being to fail.

In addition, and in accordance with the stormwater ordinance, the Borough will also inspect, annually, all stormwater structures and basins that are owned and maintained by Homeowner Associations and Business Associations.

## SPPP Form 14 - Outfall Pipe Stream Scouring Remediation

Municipality  
Information

Municipality: Gibbsboro Borough      County: Camden

NJPDES # : NJG 0152773      PI ID #: 208167

Team Member/Title: Anne D. Levy, R.M.C., Borough Clerk,

Mayor Edward G. Campbell, III and Gregory B. Fusco, P.E.

Effective Date of Permit Authorization (EDPA): April 1, 2005

Date of Completion: Spring 2006      Date of most recent update: \_\_\_\_\_

When we are doing the illicit connection part of this program, we will be checking all of our outfall pipes for signs of scouring. 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 N.J.D.E.P. permits for those repairs may be done first.

We will follow each repair with an annual inspection of the site to ensure that scouring has not resumed.



## SPPP Form 15 – De-icing Material Storage

Municipality  
Information

Municipality: Gibbsboro Borough      County: Camden

NJPDES # : NJG 0152773      PI ID #: 208167

Team Member/Title: Wally Pratz, Anne D. Levy, R.M.C., Clerk

and Mayor Edward G. Campbell, III

Effective Date of Permit Authorization (EDPA): April 1, 2005

Date of Completion: 2006      Date of most recent update: April 15, 2015

### De-icing Material Storage

Gibbsboro Borough currently stores its de-icing salt and sand at the Public Works Garage on Hilliards Road. The material is stored under a shed overhang. The Borough will implement the interim seasonal tarping procedures at these sites until a permanent structure is built. From October 15<sup>th</sup> through April 30<sup>th</sup> we will inspect each tarp weekly to ensure that it is covering the salt pile. In addition, at the completion of loading and unloading activities we shall inspect for spilled salt.

In many cases, the Borough will avoid storing de-icing salt and will utilize the County Shared Services Agreement on and an “as needed” basis.

## SPPP Form 16 – Standard Operating Procedures

<b>Municipality Information</b>	<p>Municipality: Gibbsboro Borough    County: Camden                  NJPDES # : NJG 0152773    PI ID #: 208167                  Team Member/Title: Wally Pratz, Anne D. Levy, R.M.C., Clerk                  and Mayor Edward G. Campbell, III                  Effective Date of Permit Authorization (EDPA): April 1, 2005                  Date of Completion: 2006                      Date of most recent update:</p>
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<b>BMP</b>	<b>Date SOP went into effect</b>	<b>Describe your inspection schedule</b>
<b>Fueling Operations</b>		Fueling of all vehicles owned by the Borough is conducted at a local service station.
<b>Vehicle Maintenance</b>		Annual maintenance of all Borough vehicles is performed by a local service station.
<p style="text-align: center;"><b>Good Housekeeping Practices</b></p> <ul style="list-style-type: none"> <li>❖ Borough Garage</li> <li>❖ Municipal Building</li> <li>❖ Cricket Field</li> <li>❖ Gibbsboro Bikeway System</li> <li>❖ Pole Hill Park</li> </ul>		<p>Monthly inspections of all municipal maintenance yards and ancillary operations will be held.</p> <p>Inspections to occur one time per month.</p>

## SPPP Form 17 – Employee Training

Municipality Information

Municipality: Gibbsboro Borough County: Camden  
 NJPDES # : NJG 0152773 PI ID #: 208167  
 Team Member/Title: Anne D. Levy, R.M.C., Clerk and  
 Mayor Edward G. Campbell, III  
 Effective Date of Permit Authorization (EDPA): April 1, 2005  
 Date of Completion: 2006 Date of most recent update: \_\_\_\_\_

*The following topics will be covered by a training program:\**

Course:

Who will attend:

Waste Disposal Education

Hotline operators and Environmental Commission Members

Municipal Ordinances

Code Enforcement, Local Police Department and Public Works Employees

Yard Waste Collection Program  
 Street Sweeping  
 Stormwater Facility Maintenance  
 Road Erosion Control  
 Outfall Pipe Stream Scouring Remediation  
 Construction Activity/Post Construction  
 Stormwater Management in New Development and Redevelopment (for municipally owned projects)

Public Works Employees  
 Public Works Employees  
 Public Works Employees  
 Public Works Employees  
 Public Works Employees

Public Works Employees

*The following topics will be part seminar training, and part practical field training:*

Course:

Who will attend:

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

Public Works Employees, Hotline Operators

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

Public Works Employees

Dates for the above training programs are yet to be determined.

\*The Borough employees responsible for stormwater maintenance are required to review stormwater training videos on the NJDEP website. The videos are reviewed each December by the staff. The Borough Engineer also has taken the “Stormwater Management Rules and BMP Manual Course” at Rutgers.



629	GW1	N	364948.3	356284.3	Y	6/5/2017	
627	GW2	N	364770.9	356381.5	Y	6/5/2017	
628	GW3	N	364753.6	356356.8	Y	6/5/2017	
625	GW4	N	364704	356510.2	Y	6/5/2017	
626	GW5	'A' INL	364683.6	356516.7	N	6/5/2017	
658	HB1	Y	368649.4	359826.6	Y	6/5/2017	
657	HB2	Y	368595.1	359791.1	Y	6/5/2017	
654	HB3	Y	368431	360158.5	Y	6/5/2017	
655	HB4	Y	368416.8	360122.9	Y	6/5/2017	
653	HB5	N	368402.2	360206.8	Y	6/5/2017	
656	HB6	Y	368388	360123.2	Y	6/5/2017	
652	HB7	N	368317.4	360376.6	N	6/5/2017	
651	HB8	N	368288.5	360363.9	Y	6/5/2017	
650	HB9	N	368168.9	360542.9	Y	6/5/2017	
649	HB10	N	368177	360639.1	Y	6/5/2017	
648	HB11	N	368156.4	360629	Y	6/5/2017	
646	HB12	N	368043	360799.7	Y	6/5/2017	
647	HB13	N	368036	360801.7	Y	6/5/2017	
645	HB14	N	367879	361113.9	Y	6/5/2017	
644	HB15	N	367870.1	361093.1	Y	6/5/2017	
643	HB16	N	367745.5	361223.3	Y	6/5/2017	
641	HB17	N	367470.9	362012.9	Y	6/5/2017	
642	HB18	N	367430.2	361986.5	Y	6/5/2017	
640	HB19	N	367379.3	362270.6	Y	6/5/2017	
639	HB20	N	367325.3	362279.9	Y	6/5/2017	
638	HB21	N	367254.1	362488.9	Y	6/5/2017	
517	HB22	N	367052.2	362910.5	Y	6/6/2017	
516	HB23	N	367001.4	362933.3	Y	6/6/2017	
515	HB24	N	366821.1	363200	Y	6/6/2017	
514	HB25	N	366816.7	363205.3	Y	6/6/2017	
513	HB26	N	366715.4	363290.1	Y	6/6/2017	
512	HB27	N	366465.5	363432.3	Y	6/6/2017	
489	HB28	N	365093.5	363636.9	Y	6/6/2017	
488	HB29	N	365075	363653	Y	6/6/2017	
487	HB30	N	364995.8	363639.3	Y	6/6/2017	
486	HB31	N	364974.8	363675	Y	6/6/2017	
484	HB32	N	364901.4	363708.8	Y	6/6/2017	
485	HB33	N	364892.4	363689.4	Y	6/6/2017	
483	HB34	N	364802.3	363732.4	Y	6/6/2017	
482	HB35	N	364799.9	363742.8	Y	6/6/2017	
480	HB36	N	364701	363773.2	Y	6/6/2017	
479	HB37	N	364700.5	363740.2	Y	6/6/2017	
478	HB38	N	364562.5	363834.3	Y	6/6/2017	
481	HB39	'E' INL	364511.4	363792.6	N	6/6/2017	
477	HB40	N	364322.8	363945.1	Y	6/6/2017	
476	HB41	N	364308.7	363908.3	Y	6/6/2017	
474	HB42	N	364085.1	364044.5	Y	6/6/2017	
475	HB43	N	364080.2	364003.1	Y	6/6/2017	
473	HB44	N	363874	364166.7	Y	6/6/2017	
472	HB45	N	363851.8	364117	Y	6/6/2017	
471	HB46	N	363635.1	364264.7	Y	6/6/2017	
470	HB47	N	363612.7	364224.3	Y	6/6/2017	
468	HB48	N	363435.5	364358.9	Y	6/6/2017	
469	HB49	N	363394.7	364315.3	Y	6/6/2017	
432	HB50	N	363254.9	364452.8	Y	6/6/2017	
433	HB51	N	363222.2	364396.4	Y	6/6/2017	

509	OE3	N	366880.4	364288.6685	Y	6/6/2017	
510	OE4	N	366862.6	364359.7287	Y	6/6/2017	
511	OE5	N	366841.6	364347.8288	Y	6/6/2017	
	OE6	'E' INL	369031.1	361974.638	N	6/6/2017	
533	RW1	'A' INL	367206.9	360488.6675	N	6/5/2017	
	RW2	'A' INL	367468.9	360224.069	N	6/5/2017	
	SC1	N	363433.2	364447.4	N	6/6/2017	
	SC2	N	363410.4	364344.3	N	6/6/2017	
	SC3	N	363248.5	364347.4	N	6/6/2017	
	SC4	'E' INL	363288.6	364429.5	N	6/6/2017	
	STS1	Y	367506.0	362611.8	Y	6/6/2017	
	STS2	Y	367393.3	362683.0	Y	6/6/2017	
573	TW1	N	366054.1	365138.4052	Y	6/6/2017	
574	TW2	N	366051.2	365157.8774	Y	6/6/2017	
507	US1	N	366385.4	363649.5375	Y	6/6/2017	
506	US2	N	366381.5	363670.2677	Y	6/6/2017	
504	US3	N	366327.5	363582.9182	Y	6/6/2017	
505	US4	N	366299.8	363601.4484	Y	6/6/2017	
496	US5	N	366235.8	363485.2378	Y	6/6/2017	
497	US6	N	366223.8	363521.0892	Y	6/6/2017	
498	US7	N	366195.2	363500.0799	Y	6/6/2017	
499	US8	N	366174.8	363386.5068	Y	6/6/2017	
500	US9	N	365976.8	363151.1108	Y	6/6/2017	
575	WB1	N	365892.9	365115.1811	Y	6/6/2017	
576	WB2	N	365876.3	365152.2185	Y	6/6/2017	
604	WS1	N	362975.1	357300.439	Y	6/5/2017	
605	WS2	N	362974.3	357267.5495	Y	6/5/2017	
556	WW1	Y	367810.5	359439.7726	Y	6/5/2017	
557	WW2	Y	367791.1	359468.7024	Y	6/5/2017	
558	WW3	Y	366781.2	359136.5512	Y	6/5/2017	
559	WW4	Y	366780.8	359174.9888	Y	6/5/2017	
551	WW5	N	366078.8	359341.0068	N	6/5/2017	
550	WW6	N	366042.8	359362.5778	N	6/5/2017	
555	WW7	'E' INL	366035.5	359335.4706	Y	6/5/2017	
552	WW8	N	366027.5	359324.1124	N	6/5/2017	
554	WW9	N	366021.6	359329.6971	N	6/5/2017	
553	WW10	N	366021.5	359326.9727	N	6/5/2017	
560	WW11	N	365928.9	359693.0619	N	6/5/2017	
561	WW12	N	365975.9	359905.114	Y	6/5/2017	
562	WW13	N	365963	359919.1983	Y	6/5/2017	
563	WW14	'E' INL	365998.9	359944.5187	Y	6/5/2017	
565	WW15	N	366055.6	360292.3569	Y	6/5/2017	
564	WW16	N	366045.2	360297.6092	N	6/5/2017	
567	WW17	N	366083.2	360607.0757	Y	6/5/2017	
566	WW18	N	366113.3	360620.2905	Y	6/5/2017	
	WW19	Y	359556.7	368255.5	Y	6/5/2017	
442	YM1	N	363851.2	365102.1722	Y	6/6/2017	
441	YM2	N	363798.3	365123.3868	Y	6/6/2017	
443	YM3	N	363756	365298.9095	Y	6/6/2017	
444	YM4	N	363787.2	365302.0999	Y	6/6/2017	
445	YM5	N	364069.1	365574.204	Y	6/6/2017	
446	YM6	N	364085.3	365599.4464	Y	6/6/2017	
448	YM7	N	364284.1	365455.2973	Y	6/6/2017	
447	YM8	N	364288.4	365477.026	Y	6/6/2017	
449	YM9	N	364386.5	365370.5035	Y	6/6/2017	
450	YM10	N	364415.6	365393.1717	Y	6/6/2017	

**Note:**

Y have been retrofitted to Eco-head inlets  
N have not been retrofitted to Eco-heads

\* Needs to be cleared of debris  
DNE = Does Not Exist

<b>Total B Inlets</b>	<b>Total Inlets Listed</b>	<b>Total Eco-Head Inlets</b>	<b>Labels Needed</b>
264	280	52	27

### Stormwater Management Outfalls

Inspected by: EP

Location	Latitude	Longitude	Label	Inspected	Date	Notes
BASIN 1	39°49.815' N	74°49.812' W	Y	Y	6/1/2017	label "BASIN" (shared w/ Basin 2 and 3)
BASIN 2	39°49.812' N	74°57.313' W	Y	Y	6/1/2017	
BASIN 3	39°49.757' N	74°57.289' W	Y	Y	6/1/2017	
BL1	39°49.969' N	74°58.142' W	Y	Y	6/2/2017	
BL2	39°50.090' N	74°58.042' W	Y	Y	6/2/2017	
HR3	39°50.012' N	74°57.855' W	Y	Y	6/2/2017	
HR4	39°49.951' N	74°57.867' W	Y	Y	6/2/2017	
HR5	39°49.945' N	74°57.865' W	Y	Y	6/2/2017	
CL1	39°50.293' N	74°57.202' W	Y			not visible (in brush)
CL3	39°50.299' N	74°57.191' W	Y	Y	6/1/2017	
CL2	39°50.268' N	74°57.189' W	Y	DNE	6/1/2017	labeled but no outfall exists
CL4	39°50.108' N	74°57.111' W	Y	Y	6/1/2017	label "BASIN"
HC1	39°50.211' N	74°58.460' W	Y	Y	6/2/2017	
HC2	39°50.087' N	74°58.732' W	Y	Y	6/2/2017	
HC3	39°50.128' N	74°58.738' W	Y	Y	6/2/2017	
HC4	39°50.067' N	74°58.736' W	Y	Y	6/2/2017	
HC5	39°50.202' N	74°57.867' W	Y	Y	6/2/2017	
HC6	39°50.183' N	74°57.854' W	Y	Y	6/2/2017	
HC7	39°50.173' N	74°57.865' W	Y	Y	6/2/2017	
HC8	39°50.163' N	74°57.888' W	-	DNE	6/2/2017	
HR1	39°49.754' N	74°57.301' W	Y	Y	6/1/2017	
HR2	39°49.757' N	74°57.289' W	Y	Y	6/1/2017	
NB1	39°50.660' N	74°58.330' W	Y	Y	6/2/2017	
NB2	39°50.685' N	74°58.274' W				not found
NB3	39°50.660' N	74°58.330' W				accessible from Haddonfield-Berlin Rd, no shoulder
NB4	39°50.685' N	74°58.260' W	Y	Y	6/2/2017	
NB5	39°50.630' N	74°58.149' W				
SL1	39°50.387' N	74°57.591' W	Y	Y	6/2/2017	
SL2	39°50.414' N	74°57.612' W	Y	Y	6/2/2017	
SL3	39°50.416' N	74°57.613' W	Y	Y	6/2/2017	
SL4	39°50.406' N	74°57.716' W	Y	Y	6/2/2017	
SL5	39°50.375' N	74°57.780' W	Y	Y	6/2/2017	
SL6	39°50.267' N	74°57.816' W	Y	Y	6/2/2017	
SL7	39°50.254' N	74°57.772' W	N	Y	6/2/2017	
SWALE	39°50.024' N	74°57.132' W	Y	Y	6/1/2017	
WSB1	39°50.141' N	74°57.506' W				Inaccessible (behind fence), need permission
WSB2	39°50.086' N	74°57.505' W				"
WSB3	39°50.085' N	74°57.492' W				"
WSB4	39°50.052' N	74°57.625' W	Y	Y	6/1/2017	
WSB5	39°50.059' N	74°57.619' W	N	Y	6/1/2017	

Location Key:

DNE = does not exist

- SL Silver Lake
- WSB White Sand Branch
- HR Honey Run
- BL Bridgewood Lake
- HC Hillards Creek
- NB Nicholson Branch
- CL Clement Lake