

SPPP Form 11 – Storm Drain Inlet Retrofitting

Municipality Information

Municipality: Brooklawn Borough County: Camden
 NJPDES #: 0149390 PI ID #: 171483
 Team Member/Title: Donna Domico, Public Works Superintendent
 Effective Date of Permit Authorization (EDPA): April 1, 2004
 Date of Completion: 3/4/05 Date of most recent update: 11/1/13

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

Brooklawn Borough will use the N.J.D.O.T. 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
Reconstruction of North Wilson Avenue	5/05	5/05	10/05	0	0
Improvements to South Wilson Avenue	5/05	5/05	10/05	1	
Improvements to Timber Boulevard	7/08	7/08	1/09	6	

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

Brooklawn Borough 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: Brooklawn Borough County: Camden
NJPDES # : 0149390 PI ID #: 171483
Team Member/Title: Donna Domico, Public Works Superintendent
Effective Date of Permit Authorization (EDPA): April 1, 2004
Date of Completion: 3/4/05 Date of most recent update: 11/1/05

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.)

Brooklawn Borough intends on maintaining its existing street sweeping program for all regulated streets, which includes sweeping all streets, at least, once a year.

The Borough of Brooklawn performs the street sweeping.

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)

Brooklawn Borough will use 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 Public Works Department Superintendent. 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 Superintendent 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 Stormwater Program Coordinator will maintain records, which include the date(s), areas swept, and number of miles swept and total amount of material collected. The information will be updated in the Annual Report and Certification.

SPPP Form 13 – Stormwater Facility Maintenance

Municipality
Information

Municipality: Brooklawn Borough County: Camden
NJPDES #: 0149390 PI ID #: 171483
Team Member/Title: Donna Domico, Public Works Superintendent
Effective Date of Permit Authorization (EDPA): April 1, 2004
Date of Completion: 3/4/05 Date of most recent update: 11/1/05

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

Brooklawn Borough has implemented 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 inlet grates are cleaned, when there is any accumulation of debris on the grate.

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.)

Brooklawn Borough will implement a stormwater facility maintenance program to ensure that all stormwater facilities operated by the Borough function properly. Brooklawn Borough operates the following:

- catch basins
- storm drains

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.

The Borough maintains records, which includes the date(s) of inspection, maintenance and description of repairs, which were performed. The information will be updated in the Annual Report and Certification.

SPPP Form 14 - Outfall Pipe Stream Scouring Remediation

Municipality
Information

Municipality: Brooklawn Borough County: Camden

NJPDES # : 0149390 PI ID #: 171483

Team Member/Title: Donna Domico, Public Works Superintendent

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

Date of Completion: 3/4/05 Date of most recent update: 11/1/10

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.)

We are performing 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.

When scouring occurs, a list of all sites with outfall pipe stream scouring, the date we plan on repairing the scouring, and the method of repair we will use. When repairs are completed we will note the date of that repair on this form.

SPPP Form 16 – Standard Operating Procedures

Municipality Information

Municipality: Brooklawn Borough County: Camden
 NJPDES #: 0149390 PI ID #: 171483
 Team Member/Title: Donna Domico, Public Works Superintendent
 Effective Date of Permit Authorization (EDPA): April 1, 2004
 Date of Completion: 3/4/05 Date of most recent update: 11/1/10

BMP	Date SOP went into effect	Describe your inspection schedule
Fueling Operations (including the required practices listed in Attachment D of the permit)	02/05	There is one fueling location at the Public Works Complex which will be inspected once a month. We will also perform visual inspections before discharging stormwater that has accumulated in the secondary containment area of the aboveground fuel storage tank in the Public Works Complex.
Vehicle Maintenance (including the required practices listed in Attachment D of the permit)	02/05	Monthly inspections will be held to ensure the SOP is being met.
Good Housekeeping Practices (including the required practices listed in Attachment D of the permit) Attach inventory list required by Attachment D of the permit.	02/05	Monthly inspections of the maintenance areas and ancillary operations in the Public Works Complex, will be performed. All maintenance is performed off-site.
Equipment and Vehicle Washing	02/09	The Borough will not wash vehicles and equipment on any Borough property to ensure that there are no unpermitted discharges of wash water to the surface or ground waters of the State. If vehicles and equipment are to be washed they will be taken to a private, lawful, washing facility or to another municipalities' lawful washing facility. The Stormwater Program Coordinator will maintain records of where and when vehicle and equipment washes occur. The Stormwater Coordinator will certify, annually, that there were no unpermitted discharges from vehicle and equipment washing activities. The certification will describe the BMP's implemented at each washing facility. The Contract with another entity (private or public) for vehicle and equipment washing will contain conditions, stating that the other entity will conduct the washing in compliance with governing N.J.D.E.P. requirements under the General Permit.

SPPP Form 17 – Employee Training

Municipality Information

Municipality: Brooklawn Borough County: Camden
 NJPDES #: 0149390 PI ID #: 171483
 Team Member/Title: Donna Domico, Public Works Superintendent
 Effective Date of Permit Authorization (EDPA): April 1, 2004
 Date of Completion: 3/4/05 Date of most recent update: 11/1/03

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.

The following topics will be covered by a computer generated training program:

<u>Course:</u>	<u>Who will attend:</u>
Waste Disposal Education	Telephone operators for Public Works Department and Police Department
Municipal Ordinances	Code Enforcement, Local Police Department and Public Works Employees
Yard Waste Collection Program	Public Works Employees
Street Sweeping	Public Works Employees
Stormwater Facility Maintenance	Public Works Employees
Road Erosion Control	Public Works Employees
Outfall Pipe Stream Scouring Remediation	Public Works Employees
Construction Activity/Post Construction Stormwater Management in New Development and Redevelopment (for municipally owned projects)	Public Works Employees

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

<u>Course:</u>	<u>Who will attend:</u>
Illicit Connection Elimination and Outfall Pipe Mapping (field training will include procedures to properly conduct illicit connection detections, investigations and eliminations)	Public Works Employees, Telephone 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.

Illicit Connection Inspection Report Form

Municipality
Information

Municipality: SHORE HAVEN County: CAMDEN

NJPDES #: 0149390 PI ID #: 171483

Team Member: RONALD M. DO

Date: 1/01/2018 Effective Date of Permit Authorization (EDPA): 04/01/2004

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: Oil
- (b) COLOR: Yellow
- (c) TURBIDITY: Cloudy
- (d) FLOATABLES: Petroleum
- (e) DEPOSITS/STAINS: Sediment
- (f) VEGETATION CONDITIONS: Excessive Gi
- (g) DAMAGE TO OUTFALL STRUCTURES:
IDENTIFY STRUCTURE: _____
DAMAGE: Metal Corrosion

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.)

(b) AMMONIA (as N) TO POTASSIUM RATIO: 112

(if the Ammonia to Potassium Ratio is greater than 0.6:1, then it is likely that the pollutant is sanitary sewage)

(if the Ammonia to Potassium Ratio is less than or equal to 0.6:1, then the pollutant is from another washwater source.)

(c) FLUORIDE: 123 mg/L

(if the fluoride levels are between 1.0 and 2.5 mg/L, then the flow is most likely from fluoride treated potable water.)

(if the sample tests below a detection limit of 0.1 mg/L for fluoride, it is likely to be from groundwater infiltration, springs or streams. In some cases, however, it is possible that the discharge could originate from an onsite well used for industrial cooling water, which will test non-detect for both detergents and fluoride. To differentiate between these cooling water discharges and groundwater infiltration, you will have to rely on temperature.)

(d) TEMPERATURE: _____ °F

(if the temperature of the sample is over 70°F, it is most likely cooling water)

(if the temperature of the sample is under 70°F, it is most likely from ground water infiltration)

7. Is there a suspected illicit connection? Y () N ()

If "YES", what is the suspected source? 12

If "NO", skip to signature block on the bottom of this form.

8. Has the investigation of the suspected illicit connection been completed?

Y () N ()

If "YES", proceed to question #9.

If "NO", skip to signature block on the bottom of this form.

9. Was the source of the illicit connection found? Y () N ()

If "YES", identify the source. _____

What plan of action will follow to eliminate the illicit connection?

Resolution:

If "NO", complete the Closeout Investigation Form and attach it to this Illicit Connection Inspection Report Form.

Inspector's Name: _____

Title: _____

Signature: _____

Date: _____

If there is a dry weather flow or evidence of an intermittent flow, be sure to include this form with your Annual Report and Certification.

If there is not a dry weather flow or evidence of an intermittent flow, this form should be retained with your SPPP.

SPPP Form 11 – Storm Drain Inlet Retrofitting

Municipality Information

Municipality: BROOKLAWN BOROUGH County: CAMDEN
 NJPDES #: 0149390 PI ID #: 171483
 Team Member/Title: DONNA M DOMICO
 Effective Date of Permit Authorization (EDPA): 4/1/2004
 Date of Completion: Date of most recent update: 3/4/05 11/1/18

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

~~Brooklawn borough will use NJDOT bicycle safe grate style and if needed a curb opening with a clear space no bigger than 2" across the smallest dimension. Si~~

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
Sixth Street from Browning Road to mid block 2017	4/2017	5/17	6/2017	0	0
Fourth Street to Center Street	4/2018	4/208	6/2018	2	0

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

Closeout Investigation Form

Municipality
Information

Municipality: MOORETOWN County CAMDEN

NJPDES # : NJG 0140390 PI ID #: 171483

Team Member / Title: LYNNA DEAN

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.