


Stormwater Pollution Prevention Plan

Borough of Bernardsville
Somerset County
NJPDES: NJG0151068

Annual Review Date: December 14, 2023
Revised January 29, 2024
Stormwater Program Coordinator: John M. Macdowall

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John M. Macdowall
Stormwater Program Coordinator

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Form 1 – Team Members

Stormwater Program Coordinator (SPC)			
Name and Title		John M. Macdowall, Public Works Manager	
Phone	908-766-3850 x147	Email	jmacdowall@bernardsvilleboro.org
Individual(s) Responsible for Major Development Project Stormwater Management Review			
Name and Title		Robert Brightly, PE, PP, CME, Borough Engineer Boswell Engineering	
Phone	908-879-6209 x223	Email	bbrightly@boswellengineering.com
Name and Title		Paul W. Ferriero, PE, PP, CME Boswell Engineering.	
Phone	908-879-6209 x232	Email	pferriero@boswellengineering.com
Other Municipal Stormwater Team Members			
Name and Title		Anthony Suriano, Borough Clerk	
Phone	908-766-3000 x115	Email	asuriano@bernardsvilleboro.org
Name and Title		Kathy Redling, Assistant to the Public Works Manager	
Phone	908-636-7609	Email	kredling@bernardsvilleboro.org
Shared/Contracted Service Providers			
Provider Name	Service Provided	Term of Service	
Stormwater Compliance Solutions, LLC	Stormwater management consulting, permit compliance tasks including SPPP plan updates, MS4 mapping, detention basin inspection/reports, catch basin inspection/cleaning	Annual - 1/1 to 12/31	
TSS Facility Services, Inc.	Street sweeping services	Annual – 1/1 to 12/31	

Form 2 – Revision History

Revision Date	Form # Changed	Reason for Revision (Updates to staff, policy, webpage, etc.)
12/19/2018	All	Updated per permit requirements
7/29/2019	All	Updated to reflect current practices in the Borough
12/14/2023	All	Updated per 2023 Tier A requirements
1/29/2024	1	Updated to reflect current contracted and shared services agreements and stormwater team members

Form 3 – Public Announcements

Part IV.B. and C.

1. Provide the link to the dedicated stormwater webpage for your municipality.

<https://bernardsville.gov/departments/dpw/stormwater>

2. List the name and title of person(s) responsible for stormwater webpage postings/updates.

Kathy Redling, Assistant to the Public Works Manager
Chris D'Amato, IT Manager

3. List the newspapers, social media outlets, websites, direct mailings (Email or postal), and other communication approaches typically used to inform/educate the public on stormwater program information and related events/activities.

Direct Mail (postal), Bernardsville Environmental Commission website (<https://www.bernardsvilleboro.org/boards/environmental>), Borough of Bernardsville Facebook page, Bernardsville Environmental Commission Facebook page and Sandwich boards at weekly Farmer's Market and other green community events (Stream Cleanups, etc)

Form 4 – Post-Construction Stormwater Management in New Development and Redevelopment

Part IV.E.

1. How does the municipality define “major development”? If it is different from the definition in N.J.A.C. 7:8, explain the difference.

Major Development shall mean any individual "development," as well as multiple developments that individually or collectively result in:

1. The disturbance of one or more acres of land since February 2, 2004;
2. The creation of one-quarter acre or more of "regulated impervious surface" since February 2, 2004;
3. The creation of one-quarter acre or more of "regulated motor vehicle surface" since March 2, 2021; or
4. A combination of 2 and 3 above that totals an area of one-quarter acre or more. The same surface shall not be counted twice when determining if the combination area equals one quarter acre or more. Major development includes all developments that are part of a common plan of development or sale (for example, phased residential development) that collectively or individually meet any one or more of conditions 1, 2, 3, or 4 above.

Projects undertaken by any government agency that otherwise meet the definition of "major development" but which do not require approval under the Municipal Land Use Law, N.J.S.A. 40:55D-1 et seq., are also considered "major development"

2. Is the municipality’s stormwater control ordinance (SCO) the same as or more stringent than NJDEP’s model SCO? If more stringent, explain the difference.

The Borough’s stormwater control ordinance is more stringent than NJDEP’s model and includes MINOR DEVELOPMENTS:

§ LD-12-29 STORMWATER MANAGEMENT. [1]

[1]

Editor's Note: Ord. No. 2021-1888 amended § 12-29 in entirety. Prior history includes Ord. Nos. 2006-1423, 07-1478 and 2021-1872.

§ LD-12-29.1Definitions.

[Added 8-9-2021 by Ord. No. 2021-1888]

Any development that is not considered a Major Development but creates more than 500 square feet of roof area or more than 1,000 square feet of new impervious area in total (since February 2, 2004) or disturbs more than 2,500 square feet of land.

EXEMPT DEVELOPMENT

Any development that creates less than 500 square feet of roof area and less than 1,000 square feet of new impervious area in total and disturbs less than 2,500 square feet of land.

MINOR DEVELOPMENT:

Any development that does not meet the definition of "exempt development" as defined herein or the definition of major development as defined herein or in the NJDEP Stormwater Rule (N.J.A.C. 7:8).
§ LD-12-29.2**Design Standards.**

[Added 8-9-2021 by Ord. No. 2021-1888]

a. Exempt Developments. Any project meeting the definition of exempt development shall be exempt from the provisions of this section.

b. Minor Developments. Minor developments shall be designed to include the following stormwater management measures:

1. Water Quality. Soil erosion and sediment control measures shall be installed in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey.

2. Runoff Quantity Control. Seepage pits or other infiltration measures shall be provided with a capacity of three inches of runoff for each square foot of new impervious area. Stone used in the infiltration devices shall be 2 1/2 inch clean stone and a design void ratio of 33% shall be used. The infiltration measures shall be designed with an overflow to the surface which shall be stabilized and directed to an existing stormwater conveyance system or in a manner to keep the overflow on the developed property to the greatest extent feasible. If the new impervious surface is not roof area, an equivalent area of existing roof may be directed to the infiltration system. This shall be permitted where the existing roof is not already directed to infiltration devices.

§ LD-12-29.4**Waivers and Exceptions.**

[Added 8-9-2021 by Ord. No. 2021-1888]

a.

Minor Developments.

1. Waivers from strict compliance with the design standards shall only be granted upon showing that meeting the standards would result in an exceptional hardship on the applicant or that the benefits to the public good of the deviation from the standards would outweigh any detriments of the deviation. A hardship will not be considered to exist if reasonable reductions in the scope of the project would eliminate the noncompliance.

2. If the review agency for the project determines that a waiver is appropriate, the applicant must execute mitigation. The scope of the mitigation shall be commensurate with the size of the project and the magnitude of relief required. The mitigation project may be taken from the list of projects in the Municipal Stormwater Management Plan or another project identified by the applicant. In lieu of undertaking a specific mitigation project, a monetary contribution may be made to the Municipality for funding toward a municipal stormwater control project, subject to the approval of the review agency. All mitigation projects are subject to the approval of the Municipal Engineer.

3. Describe the process for reviewing major development project applications for compliance with the SCO and Residential Site Improvement Standards (RSIS).

The Borough's planning and zoning boards review the projects and ensure compliance before issuing preliminary or final subdivision or site plan approvals under the Municipal Land Use Law. All new residential development and redevelopment projects 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.

4. Does your municipality have a mitigation plan included in your Municipal Stormwater Management Plan and Stormwater Control Ordinance? Indicate the location of records of all variances granted.

Yes.

Records of variances, if any, would be located in the Planning and Zoning Department files.

5. Indicate the dates of each iteration of the township's Stormwater Control Ordinance, starting with the initial adoption and including revisions.

Initial Ordinance No. 2006-1423, adopted March 3, 2006
Revision: Ordinance No. 2007-1478, adopted November 26, 2007
Revision: Ordinance No. 2021-1872, adopted February 22, 2021
Revision: Ordinance No. 2021-1888, adopted August 9, 2021

6. Indicate the dates of each iteration of the township's Municipal Stormwater Management Plan, starting with the initial adoption and including revisions.

Initial MSMP adopted March 2005
Revised March 2006
Revised June 2007

Form 5 – Ordinances

Part IV.F.1.

Ordinance	Date Adopted	Was the DEP model adopted without change? If not, explain how the municipality's is more stringent.	Entity Responsible for Enforcement	Fees & Fines
1. Pet Waste	3/21/2005	yes	Code Enforcement Officer, Police Department	\$100 Minimum \$2000 Maximum
2. Wildlife Feeding	3/21/2005	yes	Code Enforcement Officer, Police Department, any Borough official	\$100 Minimum \$2000 Maximum
3. Litter Control	3/21/2005	yes	Code Enforcement Officer, Police Department	\$100 Minimum \$2000 Maximum
4. Improper Disposal of Waste	3/21/2005	yes	Code Enforcement Officer, Police Department, any Borough official	\$100 Minimum \$2000 Maximum
5. Yard Waste	3/21/2005	yes	Code Enforcement Officer, Police Department, any Borough official	\$100 Minimum \$2000 Maximum
6. Private Storm Drain Inlet Retrofitting	9/1/2010	yes	Borough's contractual health agency, Code Enforcement Officer, Police Department	\$100 Minimum \$2000 Maximum
7. Illicit Connections	3/21/2005	yes	Code Enforcement Officer, Sanitarian, Police Department	\$100 Minimum \$2000 Maximum

8. Privately-Owned Salt Storage	10/23/2023	yes	Code Enforcement Officer, Zoning Enforcement Officer	\$100 Minimum \$2000 Maximum
9. Tree Removal- Replacement	2008, 10/28/2019 & 9/27/2021	Exceeds model in numerous areas, including with quantity of required replacements, the establishment of Tree Conservation Officer to administer program, and aggressive time limits imposed on issued permits.	Tree Conservation Officer	\$25 Application review fee. Additional fee of \$100/acre (or portion) for development of vacant property, or redevelopment of property with a demolished dwelling, with maximum fee of \$825.

List any additional stormwater-related ordinances the municipality has adopted that address issues beyond the scope of the MS4 permit. Include adoption date, entity responsible for enforcement, and related fees and fines.

Fertilizer Management Ordinance, adopted 10/13/2009, enforced by Code Enforcement Officer, minimum \$100 to maximum \$2,000

Containerized Yard Waste, adopted 3/31/2005, enforced by Code Enforcement Officer, Police Department, any Borough official, minimum \$100 to maximum \$2,000

Removal of Snow & Ice, adopted 2/9/2004, enforced by Public Works Manager, Borough Administrator

Indicate the location of records associated with ordinances and related violations and enforcement actions below.

Borough Clerk's office. If someone is found to be in violation of an ordinance, they will be issued a written warning for first time offenses, with penalties assessed for subsequent offenses.

Form 6 – Street Sweeping

Part IV.F.2.a.i. and ii.

1. Provide a written description and/or attach a map outlining the sweeping schedule for the following:

- Segments of municipal roads with storm drain inlets that discharge to surface water (required at least 3 times each year)
- Segments of municipal roads that do not have storm drain inlets but do discharge to surface water (required at least 1 time each year)

Note: Only asphalt and concrete roads need to be swept. Roads that do not have storm drain inlets and do not discharge to surface water do not need to be swept.

Bernardsville Borough has evaluated all of its streets to determine which areas will need to be swept monthly. Bernardsville Borough intends on maintaining its street sweeping program for all streets within the Borough, including streets that are not required by the permit, which includes sweeping all streets once a month. The exception being rural roads which are not connected to the street sweeping program. Rural roads are swept once a year.

A schedule has been devised to ensure that specific streets be cleaned on a monthly basis. The street sweeping activity meets the minimum standards of: ALL CURBED WITH 25 MPH SWEPT MONTHLY - the street is owned or operated by the municipality; - the street is curbed and has storm drains; - the street has a posted speed limit of 35 mph or less; - the street is not an entrance or exit ramp; and - the street is in a predominantly commercial area.

2. Indicate if sweeping work is outsourced and if so, describe the arrangement.

The Borough contracts out for street sweeping. Contract is currently held by TSS Facility Services of Union, NJ.

Form 7 – MS4 Infrastructure

Part IV.F.2-4. and Part IV.G.2-3.

1. Municipal Storm Drain Inlets

- a. Describe how you ensure that municipal inlets without permanent wording cast into the design have been properly labelled.
- b. Describe how you ensure that municipal and private storm drain inlets have been retrofitted.
- c. Describe how you ensure that newly installed storm drain inlets include corresponding catch basins or other BMPs to collect solids.
- d. Describe when and how you conduct inspections of storm drain inlets and the criteria used to determine when they need to be cleaned.

- a) The Borough maintains and keeps legible all storm drain labels throughout the municipality. As part of the annual stormwater facility inspection the inspectors will replace any storm drain labels that are missing or are illegible. The labels will read "No dumping - Drains to Stream" with a picture of a fish next to it. We 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 Bernardsville Borough. For the labeling we use plastic or metal labels that will be applied using adhesive.
- b) Appropriate retrofits are included in road project designs and inspected upon install during construction.
- c) Records are retained in the annual certification sent to the NJDEP. The Engineering Department duties include a procedure for any road that undergoes renovations or paving projects must also have its inlets inspected and retrofitted if necessary. Records are kept on both contracted work and in-house work that is completed.

2. Municipal Catch Basins

- a. Describe when and how you conduct inspections of catch basins.
- b. Describe the criteria used to determine when catch basins need to be cleaned.

Bernardsville Borough has implemented an annual catch basin cleaning program to maintain catch basin function and efficiency. A formal inspection is conducted annually by Stormwater Compliance Solutions, LLC, with results provided to the municipality and areas requiring maintenance or repair identified for follow-up action. 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 were found to be "clean" the previous year.

3. Municipal Conveyance System

Describe when and how inspections of MS4 conveyance systems are conducted, and the criteria used to determine when they need to be cleaned. Include a description of the equipment and techniques used.

Bernardsville Borough has implemented a stormwater facility maintenance program to ensure that all stormwater facilities operated by the Borough function properly. Bernardsville Borough

operates the following: - catch basins - storm drains - 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.

4. Municipal Outfall Inspections – Stream Scouring

Describe the program in place to detect, investigate, and control localized stream scouring from stormwater outfalls. Include a description of the equipment and techniques used.

Inspections of outfall pipes are conducted annually and made part of the illicit connection inspection process. All sites with signs of scouring are placed on a prioritized list with repairs made in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey. Repairs that do not need NJDEP permits are typically prioritized since the repair timelines can be expedited.

The annual inspections enable us to monitor repairs and ensure that scouring has not resumed.

5. Municipal Outfall Inspections – Illicit Discharge Detection and Elimination

Describe the program in place for conducting visual dry weather inspections of municipally owned or operated outfalls. Include a description of the equipment and techniques used. Record cases of illicit discharges using the DEP’s Illicit Connection Inspection Report Form from the Department’s main stormwater webpage.

Outfall pipes are inspected on an annual basis. Records of inspection dates, locations, and findings are filed with the Public Works Office.

6. Other Municipal Infrastructure

List the types of MS4 infrastructure in your town that require inspection but are not noted above in items 1-5. Describe when and how you conduct inspections of this infrastructure and the criteria used to determine when they need to be maintained and/or cleaned.

Bernardsville Borough has implemented a stormwater facility maintenance program to ensure that all stormwater facilities operated by the Borough function properly. Bernardsville Borough operates the following: - catch basins - storm drains - 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.

7. Stormwater Facilities Not Owned or Operated by the Municipality

Describe your program for ensuring adequate long-term cleaning, operation, and maintenance of stormwater facilities not owned or operated by the municipality. This should include your plan

for ensuring annual inspections are being done on these private properties and describe how you record the locations and logs associated with private infrastructure.

The Borough of Bernardsville maintains a list of stormwater facilities that are not owned by the municipality. The list includes location, type, and facility contact information. The Borough requires an annual certification from these owners and follows up to ensure the inspections are conducted and the facilities are maintained.

The Borough of Bernardsville maintains spreadsheets of the stormwater facilities (Major and Minor) that are not owned by the municipality and follows up annually to ensure the inspections are conducted and the facilities are maintained.

The Major SW facility list includes location, facility details, contact information and past compliance with annual inspection reports. The Minor SW facility list is divided into 3 sections of town associated with the required inspection reports every 3 years and includes location, facility and past compliance records.

For 2022, 100% of Major and required Minor SW facility inspection reports were received.

8. Infrastructure Records

Indicate the location of records related to stormwater infrastructure inspection, cleaning, maintenance, and repair activities.

All records regarding stormwater infrastructure are maintained in the Public Works office.

Form 8 – Community-wide Measures

Part IV.F.2.

1. Herbicide Application Management

Describe your program for preventing herbicides from being washed into the waters of the State and to prevent erosion caused by de-vegetation.

Bernardsville Borough does not apply herbicides or cause by contract to be applied on its properties. Undesirable vegetation is removed by mowing, utilizing other outdoor machinery, or hand-weeding.

2. Excess Deicing Material Management

Describe your program for ensuring that excess salt piles are removed in a timely manner after storm events.

Bernardsville Borough currently stores its de-icing material in a permanent structure located at its maintenance yard at the municipal building. At the completion of loading and unloading activities, the site is inspected for spillage. Spilled salt is swept and returned to the salt storage piles.

Truck drivers inspect their respective plow routes after storm events and any excess salt piles are swept up and returned to the salt storage bin.

3. Roadside Vegetative Waste

Describe your program for ensuring proper pickup, handling, storage, and disposal of wood waste and yard trimmings generated by the permittee along municipal roads or on municipal properties (trimming trees, mowing, etc.).

Wood waste generated from roadside tree removal (logs, branches and wood chips) is disposed of at the Borough's compost facility. Roadside vegetation is cut back. Chemical sprays are not used.

4. Roadside Erosion Control

Describe your program to detect and repair erosion along municipal roadways.

Road crews maintain and constantly monitor roadway conditions. Crews are out daily performing various tasks that enable them to identify areas of erosion or deterioration. Whenever possible, temporary solutions are implemented (cold patch, etc.). Areas are logged for future repair, often added to larger road improvement projects. Identified areas of particular concern are coned off or barricaded for public safety until a safe and permanent fix is installed.

Form 9 – Municipal Maintenance Yards & Other Ancillary Operations
Part IV.F.5.

*Please complete a separate Form 9 for each yard or site. Indicate the number of yards/sites the municipality owns or operates: 2**

1. Site Name and Address	
<p>166 Mine Brook Road, Bernardsville, NJ 07924</p> <p>*A separate mulch facility is located at 150 Pill Hill Road and a RFA has been submitted to obtain a wood recycling permit under Master Permit No. NJ0138631.</p>	
2. Monthly Site Inspections	
<p>Describe the nature of inspections conducted at this site and the location of inspection logs.</p> <p>Monthly inspections are conducted with records maintained in the public works office.</p> <p>As a matter of continued practice, the public works site is also continuously inspected by the Public Works Manager and corrective action, when required, is taken immediately.</p>	
3. Inventory List	
List all materials and machinery that are potentially exposed to stormwater.	
Materials	Machinery/Equipment
	Ford Masonry Dump (3)
2000 Gallon Double Walled Gas Tank	Ford Pickup Truck (5)
	Utility Truck w/ Crane
	Asphalt Hot Box
4. Discharge of Stormwater from Secondary Containment	

Describe the process in place for discharging stormwater from secondary containment areas where outdoor containers are stored.

There are no containers stored outdoors onsite that would require secondary containment.

5. Fueling Operations

Does fueling occur on site? If so, describe the BMPs in place to minimize contamination of stormwater from fueling activities. If not, explain where fueling takes place.

There is one fueling location within the municipal maintenance yard. It is inspected monthly, with records maintained in the public works office.

6. Vehicle/Equipment Maintenance and Repair

Do you perform maintenance and repair on site? Is this conducted indoors or outdoors? If outdoors, describe the BMPs in place to minimize contamination of stormwater from maintenance and repair activities.

Vehicle and equipment repairs are performed in accordance with BMP protocols. Supervisors and mechanics are annually trained on BMP procedures. The shop is cleaned daily, and weekly inspections are maintained for the site.

Routine vehicle maintenance is performed inside a garage if space permits or outside the garage if weather permits. Drip pans and tarps are always utilized to guard against the spillage of motor vehicle fluids. Spill kits are used when necessary.

7. Wash Wastewater Containment

Do you wash vehicles on site? If so, describe the BMPs in place to minimize contamination of stormwater from these activities. Note that on site containment structures require annual inspections by a NJ licensed professional engineer. If not, explain where vehicle washing takes place.

There is no vehicle wash area onsite. No solvents, detergents, or chemicals are used to clean vehicles. Equipment is rinsed using water only.

8. Salt and Other Granular De-icing Materials

Do you store salt and other granular deicing materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.

Road salt is stored in a covered salt shed in the northeast corner of the public works facility. Trucks can pull to the shed edge for filling. When spillage occurs, it is swept and returned to the salt pile.

9. Aggregate Material, Wood Chips, and Finished Leaf Compost

Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.

No aggregate material, wood chips or finished leaf compost is stored at this site.

10. Cold Patch Asphalt

Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.

Cold patch asphalt is not stored on site.

11. Street Sweepings and Storm Sewer Cleanout Materials

Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.

No sweepings or storm cleanout materials are stored on site. Street sweeping materials are stored at our compost facility at 150 Pill Hill Road. Sweepings and storm cleanout materials are stored in a tarped container.

12. Construction and Demolition Waste, Wood Waste, and Yard Trimmings

Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.

There is no construction or demolition waste stored onsite.

Wood waste and yard trimmings are stored at the compost facility located at 150 Pill Hill Road (The RFA has been submitted to obtain a wood recycling permit for the mulch facility under Master Permit No. NJ0138631 in accordance with the new permit.)

13. Scrap Tires

Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.

Scrap tires are not stored on site. Scrap tires are stored in a dedicated and covered 30 CY dumpster at our compost facility at 150 Pill Hill Road.

14. Inoperable Vehicles and Equipment

Do you store inoperable vehicles or equipment on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater. If not, explain where they are stored.

Yes. When Vehicles or Equipment are determined to be inoperable, all Electronic Equipment is removed for recycling, and fluids are drained if there are leakage issues. Vehicles or Equipment are stored in designated area (away from freshwater stream) and removed by Scrap Dealer within 30 days.

Form 9 – Municipal Maintenance Yards & Other Ancillary Operations
Part IV.F.5.

*Please complete a separate Form 9 for each yard or site. Indicate the number of yards/sites the municipality owns or operates: 2**

15. Site Name and Address	
<p>2 Old Quarry Road, Bernardsville, NJ 07924</p> <p>*A separate mulch facility is located at 150 Pill Hill Road and a RFA has been submitted to obtain a wood recycling permit under Master Permit No. NJ0138631.</p>	
16. Monthly Site Inspections	
<p>Describe the nature of inspections conducted at this site and the location of inspection logs.</p> <p>Monthly inspections are conducted with records maintained in the public works office.</p> <p>As a matter of continued practice, the public works site is also continuously inspected by the Public Works Manager and corrective action, when required, is taken immediately.</p>	
17. Inventory List	
List all materials and machinery that are potentially exposed to stormwater.	
Materials	Machinery/Equipment
Concrete Block Separated Bins Containing:	Old Dominion Leaf Collectors (4)
Recycled Asphalt and Concrete	Flat Bed Equipment Trailers (2)
DGA, Rip Rap Stone and Sand	Recreation Trailer
Concrete Block and Pavers	OEM Trailer Mounted Generators (2)
Misc. Sanitary Sewer Manhole Frames and Covers	
Misc. Storm Sewer Castings	
18. Discharge of Stormwater from Secondary Containment	

Describe the process in place for discharging stormwater from secondary containment areas where outdoor containers are stored.
There are no containers stored outdoors onsite that would require secondary containment.
19. Fueling Operations Does fueling occur on site? If so, describe the BMPs in place to minimize contamination of stormwater from fueling activities. If not, explain where fueling takes place.
There are no fueling operations at this site.
20. Vehicle/Equipment Maintenance and Repair Do you perform maintenance and repair on site? Is this conducted indoors or outdoors? If outdoors, describe the BMPs in place to minimize contamination of stormwater from maintenance and repair activities.
Vehicle and equipment maintenance and repair is not performed at this site.
21. Wash Wastewater Containment Do you wash vehicles on site? If so, describe the BMPs in place to minimize contamination of stormwater from these activities. Note that on site containment structures require annual inspections by a NJ licensed professional engineer. If not, explain where vehicle washing takes place.
Vehicles and not washed on this site.
22. Salt and Other Granular De-icing Materials Do you store salt and other granular deicing materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.
There is no salt storage on this site.
23. Aggregate Material, Wood Chips, and Finished Leaf Compost Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.
Aggregate materials are stored on this site. Materials are stored in separate bins lined by concrete blocks. The recycled concrete bin is tarped to prevent stormwater contamination from leachate.

24. Cold Patch Asphalt

Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.

Cold patch asphalt is not stored on site.

25. Street Sweepings and Storm Sewer Cleanout Materials

Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.

No sweepings or storm cleanout materials are stored on site. Street sweeping materials are stored at our compost facility at 150 Pill Hill Road. Sweepings and storm cleanout materials are stored in a tarped container.

26. Construction and Demolition Waste, Wood Waste, and Yard Trimmings

Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.

There is no construction or demolition waste stored onsite.

Wood waste and yard trimmings are stored at the compost facility located at 150 Pill Hill Road (The RFA has been submitted to obtain a wood recycling permit for the mulch facility under Master Permit No. NJ0138631 in accordance with the new permit.)

27. Scrap Tires

Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.

Scrap tires are not stored on site. Scrap tires are stored in a dedicated and covered 30 CY dumpster at our compost facility at 150 Pill Hill Road.

28. Inoperable Vehicles and Equipment

Do you store inoperable vehicles or equipment on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater. If not, explain where they are stored.

No inoperable vehicles are stored on this site.

Form 10 – Training

Part IV.F.6-10.

Stormwater Program Coordinators
Describe the training provided for the municipal Stormwater Program Coordinator.
The Stormwater Program Coordinator (SPC) for Bernardsville Borough attends NJDEP training every permit cycle. Training covers the SPC responsibilities, permit conditions, annual reporting, and required submissions and documentation.

Topic	Municipal Employees
Examples: in-person or virtual group sessions, e-Learning, field trainings, and videos	
Describe the training provided for municipal staff.	
SPPP	In-person
Construction Site Stormwater Runoff	In person/field training
Post-Construction Stormwater Management in New and Redevelopment	E-learning
Community-wide Ordinances	In-person
Community-wide Measures	In-person
Stormwater	

Facilities Maintenance	Field training
Municipal Maintenance Yards and Other Ancillary Operations	Field training
MS4 Mapping	E-learning
Outfall Stream Scouring	Field training
Illicit Discharge Detection and Elimination	Field training

Stormwater Management Design Reviewers
Describe the training provided for individuals responsible for reviews and approvals of stormwater management designs.

Individuals who review and approve stormwater management designs for major developments on behalf of the municipality are required under the MS4 permit to attend the mandatory NJDEP Stormwater Management Design Review course at least once every 5 years. They are required by the MS4 permit to also attend mandatory NJDEP training on amendments to the stormwater management rules at N.J.A.C. 7:8. The design reviewer for Bernardsville Borough is the municipal engineer.

Municipal Board and Governing Body Members

Describe the training provided for members of the planning/zoning board and municipal council.

Training is required for individuals who review and approve applications for development and redevelopment projects in the municipality at a minimum of once per term. This includes members of the planning and zoning boards, town council, and anyone else who votes on such projects.

Training is in the form of online videos, posted at www.nj.gov/dep/stormwater/training.htm. Within 6 months of commencing duties, officials watch the "Asking the Right Questions" video Stormwater Review Training Tool. Once per term thereafter, officials are required to watch at least one of the online NJDEP videos in the series available under Post-Construction Stormwater Management.

Training Records

Indicate the location of training records for the above required training.

All training records are maintained in the public works office.

Form 11 – MS4 Mapping
Part IV.G.1.

1. Provide a link to the most current MS4 outfall/infrastructure map.

Approximately 1/3 of the mapping has been completed in 2023. The numbers in this section reflect that partial mapping status. The stormwater infrastructure map will be uploaded to the municipal website upon completion.

2. Indicate the total of each type of MS4 infrastructure listed below (due 01 Jan 2026).

a. MS4 outfalls	176
b. MS4 ground water discharge points (basins or overland flow infiltration areas)	<i>To be identified/mapped</i>
c. MS4 interconnections	8 <i>(identified/mapped to date)</i>
d. MS4 storm drain inlets	1518
e. MS4 manholes	43 <i>(identified/mapped to date)</i>
f. Length of conveyance (channels, pipes, ditches, etc.)	8.31 of approx. 13 miles <i>(mapped to date)</i>
g. MS4 pump stations	<i>To be identified/mapped</i>
h. MS4 stormwater facilities (any that are not listed above)	<i>To be identified/mapped</i>
i. Maintenance yard(s) and other ancillary operations	<i>To be identified/mapped</i>

3. Describe how the municipality’s outfall/infrastructure map is reviewed and updated to reflect any new or newly identified MS4 infrastructure (e.g., an outfall is closed, a new basin is constructed, ownership of an outfall has changed, etc.).

All MS4 infrastructure is being identified via the initial MS4 mapping work. Once completed, it will be updated annually or as needed to ensure accuracy.

4. Describe how the municipality will create and update its MS4 Infrastructure Map.

The Borough of Bernardsville has contracted with Stormwater Compliance Solutions, LLC to prepare the MS4 Infrastructure Map. Upon completion, all data will be converted into Shape files and submitted to the MS4 Case Manager in advance of the mapping requirement deadline (January 1, 2026).

Form 12 – Watershed Improvement Plan
Part IV.H.

1. Describe how your municipality is developing its Watershed Improvement Plan.

The Watershed Improvement Plan is pending at this time and will be developed in accordance with the Tier A permit requirements.

2. Describe any regional projects or collaboration efforts with other municipalities.

pending

3. Indicate the location of records related to all public information sessions and meetings for discussions of the Watershed Improvement Plan.

All meeting minutes are maintained by the Borough Clerk and available for public inspection.