

Stormwater Pollution Prevention Plan

Logan Township

Gloucester County

NJG 0152820

April 21, 2020

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SPPP Form 1 – SPPP Team Members

All records must be available upon request by NJDEP.

Stormwater Program Coordinator (SPC)	
Print/Type Name and Title	Michael Riley, Public Works Superintendent
Office Phone # and eMail	856 467 0859, mriley@logan-twp.org
Signature/Date	
Individual(s) Responsible for Major Development Project Stormwater Management Review	
Print/Type Name and Title	Melanie Adamson, Planning Board Engineer
Print/Type Name and Title	
Print/Type Name and Title	
Other SPPP Team Members	
Print/Type Name and Title	Linda Oswald, Municipal Clerk/Public Notice Coordinator
Print/Type Name and Title	Michael Riley, DPW Superintendent/Post Construction Stormwater Management Coordinator
Print/Type Name and Title	Diana Tiberi, Secretary/ Public Outreach & Stormwater Records
Print/Type Name and Title	Scott Oatman, Zoning Officer/Ordinance Coordinator
Print/Type Name and Title	Michael Riley, DPW Superintendent /Public Works Coordinator
Print/Type Name and Title	Michael Riley, DPW Superintendent, Public Works Supervisor/Employee Training Coordinator

SPPP Form 2 – Revision History

All records must be available upon request by NJDEP.

	Revision Date	SPC Initials	SPPP Form Changed	Reason for Revision
1.	04/02/13	LJB	1	Change in Team Member
2.	4/26/19	MR	various	Respond to additional questions in new SPPP format
3.	4/21/20	MR	1	Update/Added Team Member
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SPPP Form 3 – Public Involvement and Participation Including Public Notice

All records must be available upon request by NJDEP.

1. Website URL where the Stormwater Pollution Prevention Plan (SPPP) is posted online:	www.logan-twp.org/
2. Date of most current SPPP:	April 21, 2020
3. Website URL where the Municipal Stormwater Management Plan (MSWMP) is posted online:	www.logan-twp.org/
4. Date of most current MSWMP:	July 2006
5. Physical location and/or website URL where associated municipal records of public notices, meeting dates, minutes, etc. are kept:	125 Main Street, Bridgeport, NJ 08014 Municipal Clerk’s Office
6. Describe how the permittee complies with applicable state and local public notice requirements when providing for public participation in the development and implementation of a MS4 stormwater program:	
<p>For meetings where public notice is required under the Open Public Meetings Act (“Sunshine Law,” N.J.S.A. 10:4-6 et seq), Logan Township provides public notice in a manner that complies with the requirements of that Act. Public participation is welcomed at Planning and zoning board and council meetings where most relevant issues are discussed.</p> <p>Also, in regard to the passage of ordinances, Logan Township provides public notice in a manner that complies with the requirements of N.J.S.A. 40:49-1 et seq. In addition, for municipal actions (eg. 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.), Logan Township complies with those requirements.</p>	

SPPP Form 4 – Public Education and Outreach

All records must be available upon request by NJDEP.

<p>1. Describe how public education and outreach events are advertised. Include specific websites and/or physical locations where materials are available.</p>
<p>Events are advertised through the Township website and social media and mailings. www.logan-twp.org</p>
<p>2. Describe how businesses and the general public within the municipality are educated about the hazards associated with illicit connections and improper disposal of waste.</p>
<ul style="list-style-type: none">• Logan Township includes stormwater management information in its newsletters which are mailed a minimum of annually. The Township also maintain information on the website.• The Township makes use of the County (GCIA) distribution NJDEP educational brochures and educational events. Events include well trained individuals and materials• Logan Township performs education and outreach at the Logan Day event
<p>3. Indicate where public education and outreach records are maintained.</p>
<ul style="list-style-type: none">• The County will mail the DEP brochure to our residents in September of each year. Extra copies will be available at the Logan Branch of the Gloucester County Library or the Municipal Building.• Other materials are maintained at the Township Municipal Building (Clerk & DPW offices)

SPPP Form 5 – Post-Construction Stormwater Management in New Development and Redevelopment Program

All records must be available upon request by NJDEP.

<p>1. How does the municipality define 'major development'?</p>
<ul style="list-style-type: none">• Any division of land into more than three (3) lots, including any remainder lot; any construction or expansion of any housing development of more than three (3) dwelling units; any construction or expansion of any housing development that creates a new street; any construction or expansion of any commercial or industrial use or structure; or any grading, clearing or disturbance of an area in excess of 5,000 sq. ft.
<p>2. Does the municipality approach residential projects differently than it does for non-residential projects? If so, how?</p>
<ul style="list-style-type: none">• No
<p>3. What process is in place to ensure that municipal projects meet the Stormwater Control Ordinance?</p>
<ul style="list-style-type: none">• Development applications are reviewed by the by the Planning Board or Zoning Board engineer and environmental engineers for compliance to the municipal ordinances.

<p>4. Describe the process for reviewing major development project applications for compliance with the Stormwater Control Ordinance (SCO) and Residential Site Improvement Standards (RSIS). Attach a flow chart if available.</p>	
<ul style="list-style-type: none"> • Development applications require Planning Board or Zoning Board approval. As part of the board review process, the board’s engineer, environmental engineer and planner review the application for compliance to municipal ordinances and the residential site improvement standards. The board’s professionals prepare reports to the board indicating their findings and comments regarding compliance. • Public hearings are held and the applications are considered and voted upon by either the Planning Board or Zoning Board. 	
<p>5. Does the Municipal Stormwater Management Plan include a mitigation plan?</p>	<p>Yes</p>
<p>6. What is the physical location of approved applications for major development projects, Major Development Summary Sheets (permit att. D), and mitigation plans?</p>	<p>Construction & Planning Offices 125 Main Street Bridgeport, NJ 08014</p>

SPPP Form 6 – Ordinances

All records must be available upon request by NJDEP.

Ordinance permit cite IV.B.1.b.iii	Date of Adoption	Website URL	Was the DEP model ordinance adopted without change?	Entity responsible for enforcement
1. Pet Waste permit cite IV.B.5.a.i	06/25/05			Zoning Officer
2. Wildlife Feeding permit cite IV.B5.a.ii	05/17/05			Zoning Officer
3. Litter Control permit cite IV.B5.a.iii	03/21/89			Zoning Officer
4. Improper Disposal of Waste permit cite IV.B.5.a.iv	05/17/05			Zoning Officer
5. Containerized Yard Waste/ Yard Waste Collection Program permit cite IV.B.5.a.v	05/17/05			Zoning Officer
6. Private Storm Drain Inlet Retrofitting permit cite IV.B.5.a.vi	09/07/10			Zoning Officer
7. Stormwater Control Ordinance permit cite IV.B.4.g and IV.B.5.a.vii	07/24/06			Zoning Officer
8. Illicit Connection Ordinance permit cite IV.B.5.a.vii and IV.B.6.d	05/17/05			Michael Riley / Zoning Officer
9. Optional: Refuse Container/ Dumpster Ordinance permit cite IV.E.2	09/07/10			Zoning Officer
Indicate the location of records associated with ordinances and related enforcement actions:				
Clerk's Office/Municipal Building 125 Main Street Bridgeport, NJ 08014				

SPPP Form 7 – Street Sweeping

All records must be available upon request by NJDEP.

<p>1. Provide a written description or attach a map indicating which streets are swept as required by the NJPDES permit. Describe the sweeping schedule and indicate if any of the streets are swept by another entity through a shared service arrangement.</p>
<ul style="list-style-type: none">• Logan Township has evaluated all of its streets to determine which areas will need to be swept.
<p>2. Provide a written description or attach a map indicating which streets are swept that are NOT required to be swept by the NJPDES permit. Describe the sweeping schedule and indicate if any of the streets are swept by another entity through a shared service arrangement.</p>
<ul style="list-style-type: none">• Logan Township intends on maintaining its existing street sweeping program for all Township owned streets that are not required by permit, which includes sweeping all streets once a year.
<p>3. Does the municipality provide street sweeping services for other municipalities? If so, please describe the arrangements.</p>
<ul style="list-style-type: none">• No
<p>4. Indicate the location of records, including sweeping dates, areas swept, number of miles swept and total amount of wet tons collected each month. Note which records correspond to sweeping activities beyond what is required by the NJPDES permit, i.e., sweepings of streets within the municipality that are not required by permit to be swept or sweepings of streets outside of the municipality.</p>
<p>Municipal Building/Public Works 125 Main Street Bridgeport, NJ 08014</p>

SPPP Form 8 – Catch Basins and Storm Drain Inlets

All records must be available upon request by NJDEP.

1. Describe the schedule for catch basin and storm drain inlet inspection, cleaning, and maintenance.
<ul style="list-style-type: none">Logan Township Public Works, when time allows, as needed or when a problem is reported, inspects and if needed cleans all catch basins/ storm inlets. This work is focused on times of the year that are not overburdened with snow removal and leaf collection.
2. List the locations of catch basins and storm drain inlets with recurring problems, i.e., flooding, accumulated debris, etc.
3. Describe what measures are taken to address issues for catch basins and storm drain inlets with recurring problems and how they are prioritized.
<ul style="list-style-type: none">Scheduled routine inspections and if necessary additional cleaning.
4. Describe the inspection schedule and maintenance plan for storm drain inlet labels on storm drains that do not have permanent wording cast into the design.
<ul style="list-style-type: none">Replace labels as needed during annual inspections/cleaning.
5. Indicate the location of records of catch basin and storm drain inlet inspections and the wet tons of materials collected during catch basin and storm drain inlet cleanings.
Logan Township Public Works Office 125 Main Street Bridgeport, NJ 08014

SPPP Form 9 – Storm Drain Inlet Retrofitting

All records must be available upon request by NJDEP.

<p>1. Describe the procedure for ensuring that municipally owned storm drain inlets are retrofitted.</p>
<ul style="list-style-type: none">• All are included when a road is repaved unless a variance is sought.
<p>2. Describe the inspection process to verify that appropriate retrofits are completed on municipally owned storm drain inlets.</p>
<ul style="list-style-type: none">• The Township Engineer inspects improvements and ensure work is completed to standard.
<p>3. Describe the procedure for ensuring that privately owned storm drain inlets are retrofitted.</p>
<ul style="list-style-type: none">• When site plans or permits are reviewed/inspected retrofits are verified.
<p>4. Describe the inspection process to verify that appropriate retrofits are completed on privately owned storm drain inlets.</p>
<ul style="list-style-type: none">• Inspected when permits or site plan approvals are sought and prior to bond release; permit closure issued.

SPPP Form 10 – Municipal Maintenance Yards and Other Ancillary Operations

All records must be available upon request by NJDEP.

Complete separate forms for each municipal yard or ancillary operation location.

Address of municipal yard or ancillary operation:

125 Main Street

Bridgeport, NJ 08014

List all materials and machinery located at this location that are exposed to stormwater which could be a source of pollutant in a stormwater discharge: N/A means materials stored indoors, in dumpsters or trailers and not subject to stormwater discharge.

Raw materials – N/A

Intermediate products – N/A

Final products – N/A

Waste materials – N/A

By-products – N/A

Machinery – small trucks, police

Fuel – N/A

Lubricants – N/A

Solvents – N/A

Detergents related to municipal maintenance yard or ancillary operations – N/A

Other – N/A

For each category below, describe the best management practices in place to ensure compliance with all requirements in permit Attachment E. If the activity in the category is not applicable for this location, indicate where it occurs.

Indicate the location of inspection logs and tracking forms associated with this municipal yard or ancillary operation, including documentation of conditions requiring attention and remedial actions that have been taken or have been planned.

1. Fueling Operations

We have one fueling location within our municipality which is located at 125 Main Street, Bridgeport, NJ 08014. This facility is a concrete double walled above ground storage tank with concrete service pad.

2. Vehicle Maintenance

Monthly inspections are held to ensure that the SOP is being met. Trash trucks are inspected daily at 125 Main Street, Bridgeport, NJ 08014

3. On-Site Equipment and Vehicle Washing

See permit attachment E for certification and log forms for Underground Storage Tanks.

Vehicles washed off-site.

Logs located in Public Works office at 125 Main Street, Bridgeport, NJ 08014

4. Discharge of Stormwater from Secondary Containment

N/A

<p>5. Salt and De-Icing Material Storage and Handling</p>
<p>Logan Township currently utilizes bulk salt and stores its de-icing salt in enclosed salt garage from Gloucester County Facilities in Woolwich Township.</p> <p>Logs located at 125 Main Street, Bridgeport, NJ 08014</p>
<p>6. Aggregate Material and Construction Debris Storage</p>
<p>Have stone and topsoil and mulch potential stored in Jersey Barrier containment at the Municipal Complex – 125 Main Street, Bridgeport, NJ 08014</p>
<p>7. Street Sweepings, Catch Basin Clean Out and Other Material Storage</p>
<p>This material is placed in a dump truck day of accumulation and disposed of at Salem County Improvement Authority Daily. None are stored.</p> <p>Logs located at 125 Main Street, Bridgeport, NJ 08014</p>
<p>8. Yard Trimmings and Wood Waste Management Sites</p>
<p>No storage – this is collected weekly and disposed of same day at Smith Orchard Harrison/Mullica Hill Location.</p> <p>Logs located at 125 Main Street, Bridgeport, NJ 08014</p>
<p>9. Roadside Vegetation Management</p>
<p>Moved on a schedule and left on site at each area.</p>

SPPP Form 11 – Employee Training

All records must be available upon request by NJDEP.

<p>A. Municipal Employee Training: Stormwater Program Coordinator (SPC) must ensure appropriate staff receive training on topics in the chart below as required due to job duties assigned within three months of commencement of duties and again on the frequency below. Indicate the location of associated training sign in sheets, dates, and agendas or description for each topic.</p>		
Topic	Frequency	Title of trainer or office to conduct training
1. Maintenance Yard Operations (including Ancillary Operations)	Every year	Public Works Superintendent
2. Stormwater Facility Maintenance	Every year	Public Works Superintendent
3. SPPP Training & Recordkeeping	Every year	Public Works Superintendent
4. Yard Waste Collection Program	Every 2 years	Collection by third party
5. Street Sweeping	Every 2 years	Public Works Superintendent
6. Illicit Connection Elimination and Outfall Pipe Mapping	Every 2 years	Public Works Superintendent
7. Outfall Pipe Stream Scouring Detection and Control	Every 2 years	Public Works Superintendent
8. Waste Disposal Education	Every 2 years	Public Works Superintendent
9. Municipal Ordinances	Every 2 years	Public Works Superintendent
10. Construction Activity/Post-Construction Stormwater Management in New Development and Redevelopment	Every 2 years	Township Engineer/Planner
<p>B. Municipal Board and Governing Body Members Training: Required for individuals who review and approve applications for development and redevelopment projects in the municipality. 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.</p> <p>Within 6 months of commencing duties, watch <i>Asking the Right Questions in Stormwater Review Training Tool</i>. Once per term thereafter, watch at least one of the online DEP videos in the series available under Post-Construction Stormwater Management. Indicate the location of records documenting the names, video titles, and dates completed for each board and governing body member.</p>		
<p>C. Stormwater Management Design Reviewer Training: All design engineers, municipal engineers, and others who review the stormwater management design for development and redevelopment projects on behalf of the municipality must attend the first available class upon assignment as a reviewer and every five years thereafter. The course is a free, two-day training conducted by DEP staff. Training dates and locations are posted at www.nj.gov/dep/stormwater/training.htm. Indicate the location of the DEP certificate of completion for each reviewer.</p>		

SPPP Form 12 – Outfall Pipes

All records must be available upon request by NJDEP.

1. **Mapping:** Attach an image or provide a link to the most current outfall pipe map. Maps shall be updated at the end of each calendar year.

Note that ALL maps must be electronic by 21 Dec 2020 via the DEP's designated electronic submission service. For details, see http://www.nj.gov/dep/dwq/msrp_map_aid.htm.

2. **Inspections:** Describe the outfall pipe inspection schedule and indicate the location of records of dates, locations, and findings.

- Anticipated 100% inspected 2019
- 2020 forward anticipate 20% and annually inspected with focus each year on potential problem areas
- Records at Public Works 125 Main Street, Bridgeport, NJ 08014

3. **Stream Scouring:** Describe the program in place to detect, investigate and control localized stream scouring from stormwater outfall pipes. Indicate the location of records related to cases of localized stream scouring. Such records must include the contributing source(s) of stormwater, recommended corrective action, and a prioritized list and schedule to remediate scouring cases.

- Anticipated 100% inspected 2019
- 2020 forward anticipate 20% and annually inspected with focus each year on potential problem areas
- Records at Public Works 125 Main Street, Bridgeport, NJ 08014

4. **Illicit Discharges:** Describe the program in place for conducting visual dry weather inspections of municipally owned or operated outfall pipes. Record cases of illicit discharges using the DEP's Illicit Connection Inspection Report Form (www.nj.gov/dep/dwq/tier_a_forms.htm) and indicate the location of these forms and related illicit discharge records.

Note that Illicit Connection Inspection Report Forms shall be included in the SPPP and submitted to DEP with the annual report.

Logan has a very low elevation and high ground water. Unfortunately post rain events some areas run water for extended periods due to underdrains or infiltration. However, Public Works is strongly familiar with the Township and stormwater flow and if flow is encountered in unexpected areas during dry weather Public Works investigates.

SPPP Form 13 – Stormwater Facilities Maintenance

All records must be available upon request by NJDEP.

1. Detail the program in place for the long-term cleaning, operation and maintenance of each stormwater facility owned or operated by the municipality.

Logan Township has implemented a stormwater facility maintenance program commencing 2019 to ensure all stormwater facilities operated by the Township function properly. Logan Township operates the following: catch basins, storm drains, infiltration basins, buffer strips and swales. These stormwater facilities will be inspected annually to ensure that they are functioning properly. In high risk areas, preventative maintenance will be performed on all stormwater facilities to ensure they do not begin to fail.

2. Detail the program in place for ensuring the long-term cleaning, operation and maintenance of each stormwater facility NOT owned or operated by the municipality.

Township conducts annual visual inspections and reports any concerns to zoning offices to enforce.

3. Indicate the location(s) of the Stormwater Facilities Inspection and Maintenance Logs listing the type of stormwater facilities inspected, location information, inspection dates, inspector name(s), findings, preventative and corrective maintenance performed.

Public Works
125 Main Street
Bridgeport, NJ 08014

Note that maintenance activities must be reported in the annual report and records must be available upon request. DEP maintenance log templates are available at http://www.nj.gov/dep/stormwater/maintenance_guidance.htm (select specific logs from choices listed in the Field Manuals section).

Additional Resources: The NJ Hydrologic Modeling Database contains information and maps of stormwater management basins. To view the database map, see <https://hydro.rutgers.edu>. To download data in an Excel format, see https://hydro.rutgers.edu/public_data/.

SPPP Form 14 – Total Maximum Daily Load Information

All records must be available upon request by NJDEP.

1. Using the Total Maximum Daily Load (TMDL) reports provided on www.nj.gov/dep/dwq/msrp-tmdl-rh.htm, list adopted TMDLs for the municipality, parameters addressed, and the affected water bodies that impact the municipality's MS4 program.

See attached list of reports on website link.

2. Describe how the permittee uses TMDL information to prioritize stormwater facilities maintenance projects and to address specific sources of stormwater pollutants.

As Logan is very wet with multiple creeks the TMDL impact is throughout the Township. Water bodies receive attention by Township staff and residents. The Township also responds to residential concerns as stormwater may be impacted.

SPPP Form 15 – Optional Measures

All records must be available upon request by NJDEP.

1. Describe any Best Management Practice(s) the permittee has developed that extend beyond the requirements of the Tier A MS4 NJPDES permit that prevents or reduces water pollution.

We welcome concerns raised by resident or business and the Township Public Works and engineer review concerns raised above and beyond the standard practices of the SPPP. In addition, the Township is investigating records and tracking software to improve work order progress to ensure conditions are resolved.

Public Works Supervisors also encourage staff to be mindful during all work activities and report any concerns.

The Logan Township environmental commission is looking to become more active and is looking to engage in public education and outreach.

2. Has the permittee adopted a Refuse Container/Dumpster Ordinance?

Yes