

Stormwater Pollution Prevention Plan

Lumberton Township

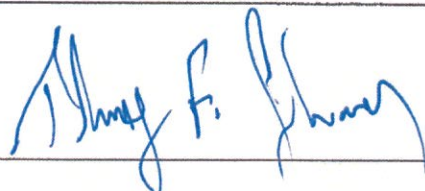
Burlington County

NJDES# NJG0150193

December 14, 2020

SPPP Form 1 – SPPP Team Members

All records must be available upon request by NJDEP.

Stormwater Program Coordinator (SPC)	
Print/Type Name and Title	Tom Shover, Public Works General Foreman and Employee Training Coordinator
Office Phone # and eMail	609-267-3217 ext. 143 tshover@lumbertontwp.com
Signature/Date	 12/28/20
Individual(s) Responsible for Major Development Project Stormwater Management Review	
Print/Type Name and Title	Rakesh Darji, PE, Land Use Board Engineer
Print/Type Name and Title	
Print/Type Name and Title	
Print/Type Name and Title	
Print/Type Name and Title	
Other SPPP Team Members	
Print/Type Name and Title	Brandon Umba, Local Public Education Coordinator
Print/Type Name and Title	Bobbie Quinn, Public Notice Coordinator and Ordinance Coordinator
Print/Type Name and Title	Richard A. Alaimo, Jr., PE, CME, Township Engineer
Print/Type Name and Title	

SPPP Form 2 - Public Notice

Municipality
Information

Municipality: Lumberton Township

County: Burlington

NJPDES # : NJG0150193

PI ID #: 203237

Team Member/Title: Bobbie Quinn, Township Clerk

Effective Date of Permit Authorization (EDPA): 1/1/18

Date of Completion: 5/6/09

Date of most recent update: 12/14/20

Briefly outline the principal ways in which you comply with applicable State and local public notice requirements when providing for public participation in the development and implementation of your stormwater program.

For meetings where public notice is required under the Open Public Meetings Act ("Sunshine Law," N.J.S.A. 10:4-6, et seq.), Lumberton Township provides public notice in compliance with that regulation. Notice is provided in the official newspaper, the Burlington County Times. In addition, all public meetings are accessible to the public through the Township website.

For the adoption of the Municipal Stormwater Management Plan and other municipal actions, Lumberton Township complies with the public notice requirements of municipal Land use law (NJSA 40:55-1 et seq)

For the adoption of stormwater management ordinances and where ordinances must be read and adopted, Lumberton Township complies with the requirements of NJSA 40: 49-1 et seq.

Elements of the MS4 program will be made available to the public upon request and copies of the Stormwater Pollution Prevention Plan, Municipal Stormwater Management Plan and other related ordinances will be posted on the Township website.

Lumberton Township maintains records to demonstrate compliance and can produce them upon request.

SPPP Form 3 – New Development and Redevelopment Program

Municipality Information

Municipality: Lumberton Township

County: Burlington

NJPDES # : NJG0150193

PI ID #: 203237

Team Member/Title: Rakesh Darji, PE, Land Development Board Engineer

Effective Date of Permit Authorization (EDPA): 1/1/18

Date of Completion: 5/6/06

Date of most recent update: 12/14/20

Describe in general terms your post-construction stormwater management in new development and redevelopment program (post-construction program), and how it complies with the Tier A Permit minimum standard. This description must address compliance with the Residential Site Improvement Standards for stormwater management; ensuring adequate long-term operation and maintenance of BMPs (including BMPs on property that you own or operate); design of storm drain inlets (including inlets that you install); and preparation, adoption, approval, and implementation of a municipal stormwater management plan and municipal stormwater control ordinance(s). Attach additional pages as necessary. Some additional specific information (mainly about that plan and ordinance(s)) will be provided in your annual reports.

The Township has adopted, implemented and enforces a Municipal Stormwater Management Plan and stormwater control ordinances in accordance with the permit requirements. (Stormwater Management codes attached)

All new development and redevelopment projects are required to comply with the Residential Site Improvement Standards for stormwater management. (Including the NJDEP Stormwater Management rules N.J.A.C 7:8, referenced in those standards). Our planning and zoning boards ensure such compliance before issuing preliminary or final site plan approvals under the Municipal Land Use Law.

Engineers and others who review stormwater management design for development and redevelopment projects will complete the Department approved Stormwater Management Design Review Course once every 5 years. Township board members and governing body members who review applications will complete the online training tool.

Long-term maintenance of BMP's and stormwater facilities owned and operated by the Township are provided for under this SPPP.

Long-term maintenance of BMP's and stormwater facilities that are not owned and/or operated by the Township are provided for under the stormwater control ordinances by requiring design engineers to prepare a specific maintenance plan that identifies the parties responsible for ensuring maintenance and compliance. In addition, facilities owners/operators are required to report to the Township annually. (See Form 13 - Stormwater Facility Maintenance for details)

All improvements within the Township that trigger compliance with the Tier A MS4 NJPDES permit are required to provide storm drain inlets (new and/or retro-fits) that control passage of solids and floatables.

The Township has an adopted Stormwater Management Plan (SWMP).

The Township will complete a Major Development Stormwater Summary for each structural and non-structural stormwater measure associated with development and redevelopment projects.

SPPP Form 4- Local Public Education Program

Municipality
Information

Municipality: Lumberton Township County Burlington

NJPDES # : 0150193 PI ID #: 201237

Team Member/Title: Brandon Umba, Township Administrator

Effective Date of Permit Authorization (EDPA): 1/1/18

Date of Completion: 5/6/09 Date of most recent update: 12/14/20

Local Public Education Program

Describe your Local Public Education Program. Be specific on how you will distribute your educational information, and how you will conduct your annual event. Attach additional pages with the date(s) of your annual mailing and the date and location of your annual event.

Lumberton Township currently implements a Local Public Education Program that focuses on providing the public with information of the impact of stormwater discharges to surface and ground waters.

Lumberton will continue to annually conduct educational activities that total a minimum of 12 points.

These activities will be advertised through website notices and newspaper ads.

SPPP Form 5 – Storm Drain Inlet Labeling

Municipality
Information

Municipality: Lumberton Township County Burlington

NJPDES # : 0150193PI ID #: 203237

Team Member/Title: Tom Shover, Public Works General Foreman

Effective Date of Permit Authorization (EDPA): 1/1/18

Date of Completion: 5/6/09 Date of most recent update: 12/14/20

Storm Drain Inlet Labeling

Describe your storm drain inlet labeling program, including your labeling schedule, the details of your long-term maintenance plan, and plans on coordinating with watershed groups or other volunteer organizations.

Our public works department has completed the storm drain inlet labeling program. All storm drain inlets are labeled that are along municipal streets with sidewalks, and all storm drain inlets within plazas, parking areas or maintenance yards that are operated by Lumberton Township.

In cases involving new development and redevelopment activities, all storm drains will be properly labeled according to the Township's ordinance. Labeled inlets are required by the developer and in all reconstruction projects.

The attached map displaying the Inlet labeling program, divides Lumberton into two sectors. Sector A is the northern half of the Township and Sector B is the southern half. Each sector has been 100% mapped to date.

Labeling utilized stencils that read "No Dumping - Drains to Stream" with a picture of a fish next to it if inlet drains. A second stencil reads "Drains to Wetlands" and is used if the inlet drains to a basin.

During our annual catch basin cleaning program, the label condition will be checked to ensure that they are still visible, and if they are not, the labels will be corrected. An inlet cleaning log/inspection form is being kept by the Lumberton Township Public Works Department as each inlet is labeled.

SPPP Form 6 – MS4 Outfall Pipe Mapping

Municipality
Information

Municipality: Lumberton Township County Burlington

NJPDES # : 0150193 PI ID #: 203237

Team Member/Title: Richard A. Alaimo, Jr., PE, Township Engineer

Effective Date of Permit Authorization (EDPA): 1/1/18

Date of Completion: 6/2007 Date of most recent update: 12/14/20

Explain how you will prepare your map (include its type and scale, and the schedule for the mapping process). Who will prepare your map (e.g., municipal employees, a consultant, etc.)?

The outfall mapping for the Township was completed in June 2007. All information is available on a map entitled "Stormwater Management Plan: Outfall Pipe Map". The noted "Outfall Pipe Map" has an alphanumeric identifier at a scale of 1"=900'. All water bodies, streams, creeks and tributaries receiving pipe discharges are shown on the map.

As municipal improvement, development, and redevelopment projects are completes, the outfall maps will be updated.

The outfall pipe map will be submitted electronically to NJDEP by December 21, 2020.

SPPP Form 7 – Illicit Connection Elimination Program

Municipality
Information

Municipality: Lumberton Township County Burlington

NJPDES # : 0150193 PI ID #: 203237

Team Member/Title: Tom Shover, Public Works General Foreman

Effective Date of Permit Authorization (EDPA): 1/1/18

Date of Completion: 1/26/2005 Date of most recent update: 12/14/20

Describe your Illicit Connection Elimination Program, and explain how you plan on responding to complaints and/or reports of illicit connections (e.g., hotlines, etc.). Attach additional pages as necessary.

The Township implements and enforces this Illicit Connection Elimination Program and has adopted an illicit connection ordinance.

The DEP Illicit Connection Report Forms are used to conduct these inspections and each of the forms are kept with the SPPP records. The Township will conduct visual dry weather inspections of outfall pipes owned/operated by the Township at least once every 5 years for signs of dry weather flow. Outfall pipes that are found to have a dry weather flow or other evidence of an intermittent non-stormwater flow will be reinspected within 3 months of a complaint/report in order to determine the source of potential illicit connection(s). If the source of the illicit connection is able to be determined (and the connection is within Lumberton Township) the responsible party will be cited for being in violation of the Township's Illicit Connection Ordinance, and the illicit connection will be eliminated as soon as possible. If, after the appropriate amount of investigation, the source of the illicit connection is unable to be determined, a Closeout Investigation Form will be submitted with the Township's Annual Inspection and Recertification. If an illicit connection is found to originate from another public entity, Lumberton Township will report the illicit connection to the entity and to the DEP.

Complaints and/or reports of illicit connections will be handled in a similar manner to other types of complaints received. The complaints are reviewed to establish priority, investigated in the field and then followed up on regarding Township action taken with the party that lodged the complaint.

SPPP Form 8 – Illicit Connection Records

Municipality Information

Municipality: Lumberton Township County Burlington County

NJPDES # : 0150193

PI ID #: 203237

Team Member/Title: Tom Shover, Public Works General Foreman

Effective Date of Permit authorization (EDPA): 01/01/2018

Date of Completion: 5/06 Date of most recent update: 12/14/20

May 2, 2017 – May 1, 2018

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? 32

Number of outfalls found to have a dry weather flow? 0

Number of outfalls found to have an illicit connection? 0

How many illicit connections were eliminated? 0

Of the illicit connections found, how many remain? 0

May 2, 2018 – May 1, 2019

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? 32

Number of outfalls found to have a dry weather flow? 0

Number of outfalls found to have an illicit connection? 0

How many illicit connections were eliminated? 0

Of the illicit connections found, how many remain? 0

May 2, 2019 – May 1, 2020

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? 32

Number of outfalls found to have a dry weather flow? 0

Number of outfalls found to have an illicit connection? 0

How many illicit connections were eliminated? 0

Of the illicit connections found, how many remain? 0

SPPP Form 9 – Yard Waste Ordinance/Collection Program

Municipality
Information

Municipality: Lumberton Township County Burlington

NJPDES # : 0150193 PI ID #: 203237

Team Member/Title: Tom Shover, Public Works General Foreman

Effective Date of Permit Authorization (EDPA): 1/1/18

Date of Completion: 5/6/09 Date of most recent update: 12/14/20

Please describe your yard waste collection program. Be sure to include the collection schedule and how you will notify the residents and businesses of this schedule. Attach additional pages as necessary.

The Township has an existing yard waste collection ordinance with Section 162-4H of the Township Code covering leaves and Section 126-4I covering grass.

LEAVES

This ordinance section requires the leaves to be bagged for collection except for the months of November and December.

During these two months the DPW collects leaves loose at the curb, with placement restricted to no closer than 10 feet to any inlet.

Lumberton is divided into three areas for leaf collection with each area requiring one week to complete. The collection schedule is printed in the quarterly Township newsletter and posted to the Township website.

GRASS

The ordinance for grass collection encourages grass to be mulched by the residents and left on the lawn by requiring a \$2.00 per 30 pound bag grass collection fee.

SPPP Form 10 - Ordinances

Municipality
Information

Municipality: Lumberton Township County Burlington

NJPDES # : 0150193 PI ID #: 203237

Team Member/Title: Bobbie Quinn, Township Clerk

Effective Date of Permit Authorization (EDPA): 1/1/18

Date of Completion: 5/06 Date of most recent update: 12/14/20

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

Pet Waste 4/6/98

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

Litter 12/7/73

Improper Waste Disposal 5/2/05

Wildlife Feeding 5/2/05

Yard Waste 2/20/99

Illicit Connections 5/2/05

How will these ordinances be enforced?

Our code enforcement officers and local police officers 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.

Information sheets are distributed with pet licenses.

Additional Ordinances:

Private Storm Drain Inlet Retrofitting - 7/19/11

Refuse Containers/Dumpsters - 7/19/11

SPPP Form 11 – Storm Drain Inlet Retrofitting

Municipality Information

Municipality: Lumberton Township County Burlington
 NJPDES #: 0150193 PI ID #: 203237
 Team Member/Title: Tom Shover, Public Works General Foreman
 Effective Date of Permit Authorization (EDPA): 1/1/18
 Date of Completion: 5/06 Date of most recent update: 12/14/20

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

Lumberton Township uses NJDOT bicycle safe grate style of storm drain inlet with a clear space no bigger than two inches across at the smallest dimension and cast with "DUMP NO WASTE" and "DISCHARGES TO WATERWAYS" labels. In addition, inlets with curb pieces will have Type N-Eco curb heads.

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
<i>Spout Spring & Greenwood Reconstruction</i>			8/2005	8	0
<i>Easlick Acres</i>			7/2005	3	
<i>Kirby Street Reconstruction</i>			11/2006	6	
<i>Glenwood Road Improvements</i>			12/2008	10	
<i>Lexington Ave. Improvements</i>			9/2010	6	

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

Lumberton Township 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 do not plan on claiming any historic place exemptions.

SPPP Form 12 – Street Sweeping and Road Erosion Control Maintenance

Municipality
Information

Municipality: Lumberton Township County: Burlington

NJPDES # : 0150193PI ID #: 203237

Team Member/Title: Tom Shover, Public Works General Foreman

Effective Date of Permit Authorization (EDPA): 1/1/18

Date of Completion: 5/06 Date of most recent update: 12/14/20

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.)

Lumberton Township has evaluated all of its streets to determine which areas will need to be swept monthly. There are no streets under its jurisdiction that require monthly sweeping .

Lumberton Township intends on maintaining its existing street sweeping program for all streets, which includes sweeping all streets at least twice per year (spring and fall).

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)

Not applicable

SPPP Form 13 – Stormwater Facility Maintenance

Municipality
Information

Municipality: Lumberton Township County: Burlington

NJPDES # : 0150193 PI ID #: 203237

Team Member/Title: Tom Shover, Public Works General Foreman

Effective Date of Permit Authorization (EDPA): 1/1/18

Date of Completion: 5/06 Date of most recent update: 12/14/20

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

Lumberton Township will inspect all storm drain inlets and catch basins owned by the Township at least once every 5 years.

Lumberton Township inspects all catch basins once per year and the catch basins are cleaned if necessary and the amount of material removed is recorded. If, at the time of inspection, no sediment, trash or debris is observed within the catch basin then the catch basin is not cleaned. All catch basins will continue to be inspected annually, even if they were found to be in "clean" condition the prior year. At the time of cleaning, the catch basins are also inspected for proper function. Maintenance will be scheduled for those catch basins that are in disrepair.

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.)

Lumberton Township will maintain a log of stormwater facilities inspections and maintenance performed utilizing the attached forms. The stormwater facilities are inspected and will continue to be inspected on an annual basis to ensure that they are functioning properly. Preventative maintenance and repairs are and will be performed on all stormwater facilities to ensure proper function. If facilities are found to not be functioning properly and repairs are not made, then the necessary repairs will be documented, prioritized, and scheduled for repairs.

Additionally, for stormwater facilities not owned and operated by the Township, owners/operators will be required to report annually on their operations and maintenance plans, the status of their stormwater facilities, and provide their inspection/maintenance logs.

SPPP Form 14 - Outfall Pipe Stream Scouring Remediation

Municipality
Information

Municipality: Lumberton Township County: Burlington

NJPDES #: 0150193 PI ID #: 203237

Team Member/Title: Tom Shover, Public Works General Foreman

Effective Date of Permit Authorization (EDPA): 1/1/18

Date of Completion: 5/06 Date of most recent update: 12/14/20

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.)

The Township will inspect owned stormwater outfalls for localized stream scouring at least once every 5 years. When the Township is performing the Illicit Connection Elimination Program, the outfall pipes are inspected for signs of scouring. All outfalls requiring repair are 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 require NJDEP permits may be done first. An inspection approximately one year after any repairs are made will be performed to ensure that the scouring has not resumed.

See attached list of scouring locations, the estimated date of when repairs are anticipated to be made and completion dates for scour repairs that have been completed.

All work performed will comply with the Standards for Soil erosion and sediment Control in New Jersey, N.J.A.C. 2:90-1, the requirements for bank stabilization and channel restoration, N.J.A.C. 7:13 et seq, and N.J.A.C. 7:8.

SPPP Form 15 – De-icing Material Storage

Municipality
Information

Municipality: Lumberton Township County Burlington

NJPDES # : 0150193 PI ID #: 203237

Team Member/Title: Tom Shover, Public Works General Foreman

Effective Date of Permit Authorization (EDPA): 1/1/18

Date of Completion: 5/06 Date of most recent update: 12/14/20

De-icing Material Storage

Describe how you currently store your municipality's de-icing materials, and describe your inspection schedule for the storage area. If your current storage practices do not meet the de-icing material storage SBR describe your construction schedule and your seasonal tarping interim measures. If you plan on sharing a storage structure, please include its location, as well as a complete list of all concerned public entities. If you store sand outdoors, describe how it meets the minimum standard.

Lumberton Township currently stores its de-icing salt in a covered building at the DPW yard, which meets the DEP requirements. There are no other storage locations within the Township. The storage facility is inspected annually. At the completion of loading and unloading activities for salt, the area is inspected for spilled salt and it is either cleaned up by shovel and broom or by a street sweeper. There is ample space in the yard for trucks to be positioned immediately adjacent to the storage area which minimizes the distance that material has to be transported to be loaded.

The Township will inspect for stormwater runoff issues/impacts in the vicinity of the storage areas.

In the event that temporary storage facilities are needed, the materials will be tarped when not in use and temporary conditions will not last more than 30 days unless approved by NJDEP Compliance & Enforcement.

Also, the following applies to sand storage:

- 1. Store sand in such a manner as to minimize stormwater run-on and run-off.*
- 2. Store outside, tarped, and maintain a 50-foot setback from surface water bodies, storm sewer inlets and/or ditches or other stormwater conveyance channels.*

SPPP Form 17 – Employee Training

Municipality
Information

Municipality: Lumberton Township County Burlington

NJPDES # : 0150193 PI ID #: 203237

Team Member/Title: Tom Shover, Public Works General Foreman

Effective Date of Permit Authorization (EDPA): 1/1/18

Date of Completion: 5/06 Date of most recent update: 12/14/20

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 Township will train all employees within 3 months of them commencing duty and will maintain sign-in sheets.

Annual Training will include review of this SPPP, applicable recordkeeping, and detailed training as needed.

Bi-Annual Training topics will include Yard Waste collection, Monthly Street Sweeping, Illicit Connection identification, Outfall Pipe mapping, Outfall Scour detection and control, Maintenance Yard operations (and SOP review), Waste Disposal, Municipal Ordinance review, Stormwater Facilities Maintenance, Construction and Development requirements.

Municipal board and governing body members that review and approve projects for new and redevelopment projects will complete the online training tool provided by the NJDEP and will continue to review at least one tool found at <www.nj.gov/dep/stormwater/training.htm> once per term of service

SPPP Form 18 – TMDL Information

Municipality
Information

Municipality: Lumberton Township County Burlington

NJPDES # : 0150193 PI ID #: 203237

Team Member/Title: Brandon Umba, Township Administrator

Effective Date of Permit Authorization (EDPA): 1/1/18

Date of Completion: October 2018 Date of most recent update: 12/14/20

Identify waterbodies with segments that are wholly or partially within or bordering the municipality with approved and/or adopted TMDLs and their related pollutants. Describe any prioritization or strategies that have been developed to address the stormwater related pollutants. Reference other forms as necessary.

According to the search tool provided by the NJDEP, (found at www.nj.gov/dep/dwg/msr-tmdl-rh.htm) the following waterbodies are subjected to the corresponding TMDLs:

*N. Br Rancocas Creek – Fecal Coliform
Bobby's Run, Little Ck, Rancocas Ck – Polychlorinated Biphenyls (PCBs)
Rancocas Ck SB - Mercury*

The Township will use the TMDL information to prioritize any stormwater facility maintenance that is required based on the area in which the facilities are located.

The Township may address the Fecal Coliform TMDL by developing the following BMP's:

- *Establish a goose management BMP*
- *Enforce riparian/lake and "No Mow" buffer restoration*

The Township may address the Mercury TMDL by regulating the common sources of mercury pollutants such as factory smoke, solid/medical waste incineration, and some manufacturing processes.

The Township may address the PCB TMDL by collecting PMP reports from all applicable discharge points and ensure that the PMP reports are updated annually.