Stormwater Pollution Prevention Plan

Township of Lebanon
County of Hunterdon
Permit Number - *NJG0148041*
Date: *February 27, 2026*
Stormwater Program Coordinator: *Donna Becker, P.E.,*

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Form 1 – Team Members

Stormwater Program Coordinator (SPC)			
Name and Title	*Donna Becker, P.E., Township Engineer*		
Phone	*908-895-8328*	Email	*dbecker@utrscee.com*
Individual(s) Responsible for Major Development Project Stormwater Management Review			
Name and Title	*Robert J. Monaco P.E., CPESC*		
Phone	*908-895-8833*	Email	*rmonaco@utrscee.com*
Name and Title	*Ryan Brosnan*		
Phone	*908-895-8706*	Email	*rbrosnan@utrscee.com*
Name and Title			
Phone		Email	
Other Municipal Stormwater Team Members			
Name and Title	*Carolynn Budd, Township Clerk*		
Phone	*908-638-8523*	Email	*clerk@lebtwp.net*
Name and Title	*Warren Gabriel, DPW Director*		
Phone	*908-638-8523 x 301*	Email	*dpw@lebtwp.net*
Name and Title			
Phone		Email	

Shared/Contracted Service Providers		
Provider Name	Service Provided	Term of Service

Form 2 – Revision History

Revision Date	Form # Changed	Reason for Revision (Updates to staff, policy, webpage, etc.)
May 2024	*All*	*Create SPPP per 2023 Tier A Permit*
January 2026	*Form 1,3, 4,* 7, 8, 10	*Revised per DEP Review Comments*
February 2026	*Form 3, 4, 6, 7, 9, 10,*	*Revised per DEP Review Comments*

Form 3 – Public Announcements

Part IV.B. and C.

1. Provide the link to the dedicated stormwater webpage for your municipality.
https://lebanontownship.net/storm-water-management/
2. List the name and title of person(s) responsible for stormwater webpage postings/updates.
Carolynn Budd, Township Clerk
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.
Hunterdon Review and Hunterdon Democrat *Township website* *Direct mail*
4. Describe the educational activities you conducted last calendar year to earn the required 12 points and provide dates of those activities.
Targeted Audiences Outreach (3 points): the Township distributed at the Municipal Building and during Township hosted events pet waste dispensers with bags (2 points). A stormwater display featuring Solutions to Stormwater Pollution and Where Runoff Goes was on display at the Township's hosted Townwide Picnic in May (1 point). *School/Youth Education and Activities (5 points): The Township sponsored and organized a litter clean up for the local Boy and Girl Scouts at the Township Park in April 2024 (3 points). The Township paid for 2 educational presentations (Township Grade and Elementary Schools) relating to litter and water conservation, April 2024 (2 points).* *Watershed/Regional Collaboration (6 points): The Township is a member of the Musconetcong Watershed Association and Raritan Headwaters Association (3 points). The Township participated in the Annual Raritan Headwaters Stream Clean Up (3 points).*
5. Indicate the location of records associated with public education and outreach activities.
Records associated with public education and outreach activities can be found in the Township Municipal Building within the Clerks office.

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**" means an 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 paragraphs 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 adopted SCO contains additional provisions as required by the NJ Highlands Council for lands within the Preservation Area.
3. Describe the process for reviewing major development project applications for compliance with the SCO and Residential Site Improvement Standards (RSIS).
For major development projects undertaken by the Township, The Township Engineer is responsible for designing the stormwater management plans. These projects are reviewed by the Planning Board Engineer since designers cannot be responsible for reviewing their own plans. For non-municipal projects, the Planning Board Engineer reviews the stormwater management design for compliance with the water quality, water quantity, groundwater recharge and green infrastructure design standards as per the SCO, N.J.A.C.7:8, RSIS and any applicable Highlands provisions included in the Township's SCO. *If the project is deemed compliant with the SWM rule and Township's SCO, it is presented to the Township's Planning Board for approval. Throughout construction, the Township's Code Enforcement Officer inspects the construction sites at project milestones to ensure that the project is construction in accordance with the approved development plans.*
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.
No, the Township shall not grant any variances at this time from the design and performance standards for stormwater management measures.
5. Indicate the dates of each iteration of the township's Stormwater Control Ordinance, starting with the initial adoption and including revisions.
The SCO was initially adopted on May 3, 2006 amended December 18, 2019 and May 5, 2021. Amended SCO 05-2024 approved by County on 6/6/2024.
6. Indicate the dates of each iteration of the township's Municipal Stormwater Management Plan, starting with the initial adoption and including revisions.
The SWMP was initially adopted in May 2006. The MSWMP is reviewed and updated (as needed) at least every 10 years when the Municipal Master Plan is reviewed. The SWMP will be revied and updated this year.

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	*04/17/24*	*Yes*	*Code Enforcement*	*$___*
2. Wildlife Feeding	*04/17/24*	*Yes*	*Code Enforcement*	*$___*
3. Litter Control	*04/17/24*	*Yes*	*Code Enforcement*	*$__*
4. Improper Disposal of Waste	*04/17/24*	*Yes*	*Code Enforcement*	*$__*
5. Yard Waste	*04/17/24*	*Yes*	*Code Enforcement*	*$___*
6. Private Storm Drain Inlet Retrofitting	*04/17/24*	*Yes*	*Code Enforcement*	*$___*
7. Illicit Connections	*12*/6/23	*Yes*	*Code Enforcement*	*$___*
8. Privately-Owned Salt Storage	*04/17/24*	*Yes*	*Code Enforcement*	*$___*
9. Tree Removal-Replacement	*5/1/24*	*Yes*	*Code Enforcement*	*$___*

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.

None.

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

Records are located in the Clerk's office.

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 times 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.

See attached street sweeping map.

Municipally owned roads that have storm drain inlets that discharge to surface water are swept 3x a year, and municipally owned roads that do not have storm drain inlets, but DO discharge to surface water are swept 1x a year.

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

Street Sweeping is not outsourced as the Township owns its own equipment.

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. "Discharges to Waterway" labels have been installed on all inlets. The DPW checks the labels annually and replaces them when necessary. If any of the labels need to be replaced the DPW will replace as needed.

b. The Township is in the process of preparing a stormwater infrastructure map which will identify all inlets. During the annual inlet inspections DPW staff reports storm drain inlets that have not been retrofitted. If any are located along township roads or properties, they are identified by the staff for follow-up for retrofitting. For privately owned inlets in areas that are known to have been repaved, the responsible entity is notified that retrofitting is required. A schedule will be prepared to retrofit all inlets for solids collection by December 1, 2027.

c. All newly installed inlets shall be equipped with grates and curb openings that comply with the Appendix B standards for collection of solids. The Township Engineer checks the plans for road projects and major developments to verify that a catch basin or some sort of BMP to capture solids in included with, or downstream of, the affected storm drain inlets.

d. *The DPW inspects all Township owned inlet grates on an annual basis and any debris is removed.*

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.

a. The DPW inspects all Township owned inlet boxes (catch basins) over a 5-year period with a minimum of 20% of the catch basins inspected annually. DPW staff conduct visual inspections using a flashlight and measuring pole.

b. *Catch basins are cleaned when there is debris within the basin or sediment deposits which extend above the invert of the discharge pipe. Catch basins that are 40% or more full are cleaned by hand by the DPW at the time of inspection.*

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.

The DPW inspects conveyance systems, mainly ditches and swales, during their annual inspection of inlet grates. These facilities will be scheduled for cleaning if there is trash or debris restricting flows. Conveyance systems which are downstream of areas exhibiting flooding and which include pipes are inspected with a sewer camera. Maintenance is scheduled if required.

4. Municipal Outfall Inspections – Stream Scouring

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

The DPW inspects all Township owned stormwater outfalls for scour over a 5-year period with a minimum of 20% of the outfalls inspected annually. The inspections are to identify scouring of the stream bank or stream bottom caused by the outfall. The source or cause of the scour shall be determined and corrected, and the scour shall be scheduled for repair. All repairs will be completed within 12 months of identification. Repairs shall conform with the Standards for Soil Erosion and Sediment Control in New Jersey and the NJDEP Flood Hazard Area Control Act Rules. The DPW shall investigate, within 30 days of receipt, all complaints and reports of stream scouring. In cases where stream scouring is detected, we will attempt to trace it back to the source within 3 months. If a source is identified, the Township would take corrective action if it related to municipally owned property or will ensure that the private entity)ies) perform necessary maintenance. If the Township is unable to identify the source, the enforcement inspector and MS4 case manager will be notified before the end of the 3 months.

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.

Any identified illicit connections will be reported, and measures taken to identify the source of the connections and eliminate it. All repairs will be completed within 12 months of identification. The DPW shall inspect for illicit discharges over a 5-year period with a minimum of 20% of the outlets inspected annually and will investigate, within 30 days of receipt, all complaints and reports of illicit connections. If illicit discharge is detected, the Township will begin the work to identify the source within 30 days. The DPW fill out and submit the NJDEP illicit Connection Inspection Report Forms for each suspected illicit discharge to submit with the annual Report. Any new and/or newly identified outfalls are inspected within 30 days of discovery.

If the source is identified the Township will notify the property owner(s) of their violation of the illicit Connection Ordinance and will have the connection eliminated immediately. If the DPW is unable to locate the source of the illicit connection within eleven months, the Township will notify the NJDEP Enforcement inspector and the MS4 case manager within one month of the situation to request an extension of the investigation period.

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.

The Township owns or is responsible for the operation of one (1) stormwater detention basin. The DPW inspects this facility at least 4 times per year and after significant rainfall events. An inventory of the basins is kept along with logs of inspection and maintenance activities. Inspection and maintenance is conducted in accordance with the NJDEP Field Manual for detention basins. Maintenance activities include the removal of sediment, trash and debris, mowing, pruning of vegetation, restoration of any eroded areas, elimination of any mosquito breeding areas and repair or replacement of any damaged structural components.

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.

There are sixteen (16) privately owned SWM BMP's within the Township. The Township sends a letter to the owners annually to ensure that they are being operated and maintained in accordance with the Operations and Maintenance Plans approved by the Township. The Township conducts a visual inspection of the basins annually. A log of the inspections is requested, and the owner is notified in writing if maintenance or repairs are required. If maintenance is not performed the Township may perform the work and bill the owner. The DPW keeps a log of the visual inspections and any maintenance performed at the site.

8. Infrastructure Records

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

Inventory logs of stormwater facilities and logs documenting inspections, cleaning and repairs are kept by the DPW Director within his 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.
The DPW does not apply herbicides. Unwanted vegetation is controlled by mowing.
2. Excess Deicing Material Management Describe your program for ensuring that excess salt piles are removed in a timely manner after storm events.
The DPW removes any significant accumulation of salt on the roads within 72-hours of a storm event. The material is collected by hand with shovels, placed in a container and returned to the Township's salt storage building.
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.).
Roadside Mowing is completed 3x/ year. Vegetative waste is mulched and composted in place, the mower has guards to contain all vegetation underneath the mower to completely chop the vegetative waste. Grass clippings generated during mowing activities are kept from being blown or deposited into storm drain inlets and stormwater facilities.
4. Roadside Erosion Control Describe your program to detect and repair erosion along municipal roadways.
The DPW checks for erosion along the roadways during its travels and during its annual inspection of inlet grates. Maintenance is scheduled as required. All repairs will be completed within 90 days of discovery. Stabilization is conducted in accordance with the Standards for Erosion and Sediment Control in New Jersey.

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:

1. Site Name and Address

Lebanon Township DPW
339 Newport Rd
Glen Gardner, NJ. 08826

2. Monthly Site Inspections
Describe the nature of inspections conducted at this site and the location of inspection logs.

Site inspection of the maintenance yard is conducted in the course of daily operations to ensure that any materials or machinery stored outdoors have a minimal exposure to stormwater and are situated on impervious surfaces and covered. Any bulk liquid storage is checked to make sure that it is protected by secondary containment and refuse containers are checked to make sure they are covered. Confirmation is made that a spill kit is available in the event of some type of spillage. Inspection logs are kept by the DPW Director.

3. Inventory List
List all materials and machinery that are potentially exposed to stormwater.

Materials	**Machinery/Equipment**
Liquid De-Icer (Magnesium Chloride)-5000 Gal	
Road Salt (Sodium Chloride)-600 Tons	*All equipment is stored inside*
Gasoline-2500 Gal	
Diesel Fuel -3500 Gal	
Used oil-300 Gal	
Motor Oil -100 Gal	
Hydraulic Oil- 100 Gal	

4. Discharge of Stormwater from Secondary Containment
Describe the process in place for discharging stormwater from secondary containment areas where outdoor containers are stored.

The fueling tanks and oil tanks are all in double walled tanks. The double walled tanks have their own monitoring system.

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.

Fuel nozzles are equipped with automatic shutoff valves to prevent overfilling. Drip pans are used during bulk fuel transfers. The following signs are posted: (1) Topping off of vehicles, mobile fuel tanks or storage tanks is prohibited, (2) Stay in view of fuel nozzle

during dispensing, and (3) Contact information for the person responsible for spill response. A spill kit with absorbent spill clean-up materials is available in the event of a spill. Spills are cleaned with a dry, absorbent material (i.e., kitty litter, sawdust, etc.) and swept and the material is properly disposed of. If equipment, tanks, pumps, piping or fuel dispensing equipment are found to be leaking or in disrepair, they will be repaired or replaced accordingly.

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 maintenance on site is conducted indoors with drip plans available to collect contaminants.

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.

The township washes vehicles on site within their *recycling washbay.*

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.

*T*he granular d*e-icing material is stored within an enclosed building on the site with an impervious floor. No de-icing materials or sand is stored outside. Care is taken to minimize the spillage of materials during loading and unloading. Any spills are immediately cleaned with the material being placed on the truck or within the building. The loading/unloading area is swept as necessary to prevent contamination from stormwater runoff or tracking onto the street. The liquid de-icing material is stored in a double walled tank which has its own monitoring system to detect leaks*.

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.

These materials are not stored on 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.

These materials are 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.

Street sweeping materials are disposed of at an approved facility.

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.

These materials are not stored on site.

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.

N/A- not stored on site.

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.

N/A- not stored on site.

15. Outdoor Refuse and Dumpsters

Describe your program to ensure that outdoor dumpsters and refuse containers on municipal property are covered and not discharging pollutants to stormwater or surface water.

The dumpsters we have are owned and picked up by Casella (LMR). All dumpsters have lids that are attached to the dumpster and closed when not in use.

Form 10 – Training

Part IV.F.6-10.

Stormwater Program Coordinators
Describe the training provided for the municipal Stormwater Program Coordinator.
The SPC (Township Engineer) attends all NJDEP required Stormwater Program Coordinator training as provided during every permit cycle. Training includes the responsibilities of the SPC, understanding of MS4 permit conditions, required 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	*The Township Engineer conducts annual training of staff including the Clerk and DPW Director whose duties support the stormwater program. Training includes applicable specific requirements of the SPPP including record keeping. Staff is trained on job-duty specific topics within 3 months of commencement of duties and annually thereafter.*
Construction Site Stormwater Runoff	*Construction inspectors are trained annualy by the Township Engineer to understand and administer Soil Erosion and Sediment Control Plans for developments exceeding 5,000 square feet of disturbance as approved by the Soil Conservation District. Ensuring developer applies for 5G3 Construction Activity permit when land disturbance is one acre or more.*
Post-Construction Stormwater Management in New and Redevelopment	*Staff responsible for review of post-construction SWM plans are trained annually by the Township Engineer. Training includes the definition of major development, when SWM plans are required, understanding of the SWM Rules at NJAC 7:8, the Township's SCO, the NJDEP BMP Manual & guidance documents, and recording keeping requirements.*
Community-wide Ordinances	*Staff responsible for approving and/or enforcing stormwater-related ordinances receive annual training on related MS4 permit conditions and review the purpose of each ordinance and what steps to take if violations are identified.*
Community-wide Measures	*The Township DPW has implemented and receives annual training on the following SWM measures: Street sweeping, inlet labeling noting that inlets discharge to waterways, retrofitting of existing inlets to trap solids, management of excess de-icing materials, vegetative waste management, and roadside erosion controls.*
Stormwater Facilities Maintenance	*The DPW is trained annually on the MS4 requirements to inspect, clean, maintain and repair inlets, catch basins, pipe systems, and BMP's (primarily detention basins) owned by the Township and to keep a log of the inspection and maintenance activities. Inspection frequencies are per the MS4 permit. Inspections of privately owned BMP's are conducted annually to ensure that*

	private owners are maintaining their facilities. Owners are notified if the facilities are not being properly maintained.
Municipal Maintenance Yards and Other Ancillary Operations	*The DPW staff responsible for compliance with SWM requirements at the maintenance yard receive annual training to understand MS4 Permit requirements, best management practices (BMP's), safety equipment & procedures, and record keeping.*
MS4 Mapping	*The Township Engineer and DPW staff who are preparing and submitting the stormwater infrastructure mapping data attend annual training to review the MS4 permit requirements for electronic mapping*
Outfall Stream Scouring	*The DPW staff is trained annually to inspect outfalls for potential scour at least once every five (5) years. If scour is identified a plan is prepared and implemented for repairs. Repairs shall be made in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey.*
Illicit Discharge Detection and Elimination	*The DPW staff is trained annually to inspect outfalls for potential illicit connections to the storm drainage system at least once every five (5) years during their inspections for scour. If a potential illicit connection is suspected the source of the discharge shall be investigated and corrected as necessary.*
Watershed Improvement Plan	*Staff responsible for developing the Watershed Improvement Plan attend annual training to discuss MS4 permitting requirements and progress that has been made toward completing each phase of the Watershed Improvement Plan, including mapping for the Watershed Inventory Report and conducting semi-annual public information sessions.*

Stormwater Management Design Reviewers
Describe the training provided for individuals responsible for reviews and approvals of stormwater management designs.
The individuals identified within this plan who are responsible for review of SWM plans have completed the mandatory NJDEP Stormwater Management Design Review (SWMDR) course, as required by the MS4 Permit. The training course covers NJDEP rule requirements, calculation methodologies, and how to review a major development. The training must be completed at least once every five (5) years. Whenever N.J.A.C. 7:8 rules are amended, all individuals are to attend a Department training within one year of adoption of amendments.

Municipal Board and Governing Body Members
Describe the training provided for members of the planning/zoning board and municipal council.
Planning Board and Committee members must complete within 6 months of commencing duties the "Asking the Right Questions in Stormwater Review Training Tool" posted at

https://dep.nj.gov/stormwater/stormwater-training/#municipal-boards-and-governing-body-training. This training must be completed by current Planning Board and Committee members and once per term of service thereafter. In addition, Planning Board and Committee members must review at least one of the other training tools offered under Post-Construction Stormwater Management found at the website above or one of the trainings offered at the following websites.

Stormwater Management Rules Applicability https://nj.gov/dep/stormwater/training.htm

Stormwater Management Rules Planning https://nj.gov/dep/stormwater/training.htm

Stormwater Management Rules Design & Performance
https://nj.gov/dep/stormwater/training.htm

Stormwater Management Rules Safety https://nj.gov/dep/stormwater/training.htm

Stormwater Management Through General Permit for MS4s
https://nj.gov/dep/stormwater/training.htm

Training Records
Indicate the location of training records for the above required training.
Logs of training records including the type of training, date of training and attendees are kept either in the Clerk's office or in the DPW Director's office where the training involves DPW staff.

Form 11 – MS4 Mapping

Part IV.G.1.

1. Provide a link to the most current MS4 outfall/infrastructure map.	
Township Engineer and the DPW are working to Develop the map.	
2. Indicate the total of each type of MS4 infrastructure listed below (due 01 Jan 2026).	
a. MS4 outfalls	*Undetermined*
b. MS4 ground water discharge points (basins or overland flow infiltration areas)	*Undetermined*
c. MS4 interconnections	*Undetermined*
d. MS4 storm drain inlets	*1,052*
e. MS4 manholes	*Undetermined*
f. Length of conveyance (channels, pipes, ditches, etc.)	*Undetermined*
g. MS4 pump stations	*0*
h. MS4 stormwater facilities (any that are not listed above)	
i. Maintenance yard(s) and other ancillary operations	*1*
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.).	
The Township Engineer at the end of each year will prepare a list of private developments and municipal projects which have been constructed during the year. The final development plans or as-built plans for those projects will be collected and all new stormwater infrastructure will be added to the MS4 Infrastructure Map.	
4. Describe how the municipality will create and update its MS4 Infrastructure Map.	
The Infrastructure Map will be developed by the Township Engineer with the DPW as required by the 2023 MS4 Permit. The map will be prepared utilizing development plans and roadway improvement plans which are available within the files of the Township. Field surveys will be performed by the DPW and Township Engineer's survey staff to locate infrastructure which is not available within the existing mapping.	

Form 12 – Watershed Improvement Plan

Part IV.H.

1. Describe how your municipality is developing its Watershed Improvement Plan.
The Township Engineer is in the process of preparing the Watershed Inventory Report. The Township's existing outfall map will be updated to include the new information required for the Watershed Inventory Report.
2. Describe any regional projects or collaboration efforts with other municipalities.
The Township is not aware of any regional SWM projects and the Township does not anticipate any collaboration with adjoining municipalities.
3. Indicate the location of records related to all public information sessions and meetings for discussions of the Watershed Improvement Plan.
Records of any public information sessions and other meetings regarding the Watershed Improvement Plan will be filed in the Township Clerk's office.

APPENDIX A

BMP INVENTORY LIST

BMP INSPECTION LOG

BMP MAINTENANCE LOG

ILLICIT CONNECTION

MAJOR DEVELOPMENT

OUTFALL INSPECTION

STREAM SCOUR INSPECTION

Lebanon Township
Inventory of Stormwater BMP's

The following is a list of BMP's within the Township including both Township owned BMP's and privately owned BMP's.

Name of Development	Owner	Street Address	Block	Lot	Type of BMP	Location of BMP
Forest Drive	Jan & Timothy Johnston	109 Forest Drive Glen Gardner NJ 08826	12	10.14	Residential Private	Right side of the Property
Hunters View	Gary & Jennifer Powell	1 Hunters Road Glen Gardner NJ 08826	48	2	Residential Private	Left side of the Property
General Morgan Lane	Kyle & Alexandra Pirozzoli	2 General Morgan Ln Glen Gardner NJ 08826	69	56.04	Residential Private	Left side of Property
Lance Drive	Daniel & Christen Dirocco	1 Lance Drive Califon NJ 07830	24	10.01	Residential Private	Left side of Property
Chipmunk Pass	Thomas & Alexa Finnerty	1 Chipmunk Pass Glen Gardner NJ 08826	61	27.04	Residential Private	Left side of Property
Chipmunk Pass	Stephanie Rivera & Louis Gasparini	9 Chipmunk Pass Glen Gardner NJ 08826	61	27.08	Residential Private	Rear of Property
Stone Manor	Darren Chin	28 Woodland Heights Glen Gardner NJ 08826	61	23.05	Residential Private	Right side of Property
Stone Manor	Christopher & Deirdre Orgorzalek	2 Harber Drive Glen Gardner NJ 08826	61.01	17	Residential Private	Right side of Property
Stone Manor	Thomas Neceda & Lisa Varlese	4 Harber Drive Glen Gardner NJ 08826	61.01	18	Residential Private	In Front of Prperty

Name of Development	Owner	Street Address	Block	Lot	Type of BMP	Location of BMP
Stone Manor	Brian & Jill O' Brien	6 Harber Drive Glen Gardner NJ 08826	61.01	19	Residential Private	In Front of Property
Country Square Inc.	Judy Wade 415 Second Ave Troy NY 12182	425 County Rt 513 Califon NJ 07830	38	25	Business Private	Rear of Property
Don Wright's Building	Don Wright 1422 Stony Fork Rd Wellsboro PA 16901	280 County Rt 513 Glen Gardner NJ 08826	12	45.05	Business Private	Left side of Property
Oakwood Insurance Agency (David Barkman)	193 West Valley Brook Rd Califon, NJ 07830	518 Route 513 Lebanon, NJ	41	3.01	Business Private	East side of Property
Transtar Truck Body, Decals & Welding	15 Tysley Street Basking Ridge NJ 07920	514 Route 513 Lebanon, NJ	41	4	Business Private	Northwest side of Property
Dig's Diesel Service	24 Point Mountain Rd. Washington, NJ 07882	516 Route 513 Lebanon, NJ	41	4.01	Business Private	Northwest side of Property
Emerson & Jennifer Donnell , III	1 Windy Heights Califon, NJ 07830	1 Windy Heights Lebanon, NJ	21	32	Residential Private	Center of Property
Lebanon Township Municipal Building	530 W. Hill Rd, Glen Gardner, NJ 08826	530 W. Hill Rd, Glen Gardner, NJ 08826	29	32.01	Township	Rear of Property

Lebanon Township
Stormwater BMP Inspection Log

The Township DPW shall conduct quarterly inspections of Township owned BMP's and annual inspections of privately owned BMP's to ensure that the BMP's are being properly maintained by the responsible party. Inspections shall be logged below.

Date of Inspection	Name of Development	Street Address	Block	Lot	Type of BMP	Location of BMP	Owner	Comments

Lebanon Township
Stormwater BMP Maintenance Log

The Township DPW shall conduct required maintenance of Township owned BMP's and shall inspect privately owned BMP's and notify the owners if required maintenance is not being performed. Maintenance activities and notifications shall be logged below.

Owner	Name of Development	Street Address	Block	Lot	Type of BMP	Location of BMP	Description of Maintenance	Date of Maintenance

Illicit Connection Inspection Report Form

For additional information regarding illicit discharge investigations, refer to Chapter 3.6 of the Tier A Guidance Document.

If a dry weather flow or other evidence of an intermittent illicit discharge is observed, this form shall be used to document the illicit discharge investigation in accordance with the current MS4 NJPDES Permit. This completed form shall be uploaded with the permittee's Annual Report and Certification and be kept with the permittee's SPPP as per the recordkeeping requirements of the permit. Initial illicit connection inspections must be performed during dry weather, which is at least 72 hours after the end of the previous precipitation or snowmelt event.

It is required to attach photos of the investigation to this form.

Illicit discharges must be reported immediately to the NJDEP Hotline at 1-877-WARNDEP (1-877-927-6337).

SECTION 1: PERMITTEE INFORMATION

MS4 Permittee: _____ NJPDES #: NJG0_____

SECTION 2: OUTFALL SUMMARY INFORMATION

If this outfall is newly identified, be sure to add it to your electronic outfall pipe map.

Outfall ID: _____ Outfall Location Description: _____

_____

Municipality: _____ County:_____

Receiving Waterbody: _____

Describe the type of conveyance(s) that delivers the stormwater to the receiving waterbody (concrete or corrugated pipe, concrete channel, etc.): _____

_____

_____

If the ultimate discharge into the receiving water **is from an enclosed pipe**, is the end of the pipe fully or partially submerged? ☐ NEVER ☐ SOMETIMES* ☐ ALWAYS*

*If 'Sometimes' or 'Always,' describe submerged condition at time of inspection:

_____

_____

_____

_____

If the ultimate discharge into the receiving water **is not from an enclosed pipe**, what is the approximate distance between the end of the last enclosed stormwater conveyance pipe to the receiving waterbody (ft.): _____

Do any other NJPDES permittees discharge through this MS4 outfall? ☐ YES* ☐ NO ☐ UNKNOWN

*If 'YES', list Permittee Name(s), NJPDES #(s), and Location of Connection:

_____

_____

_____

_____

If 'YES', please contact your MS4 Case Manager.

SECTION 3: OUTFALL INSPECTION

Date of current inspection: ____/____/_____

Latest precipitation/snowmelt event: _____ /_____ /_____ Amount of Precipitation (in.): _____

Date dry weather flow or other evidence of an intermittent illicit discharge was first discovered:___/___/___

List the date(s) of previous inspection(s) and describe the actions taken, if applicable: _____

_____

_____

_____

SECTION 4: PHYSICAL OBSERVATIONS

If the outfall is either partially or fully submerged, dry weather flow observations must be made at the next upstream point (e.g. manhole) above the influence of the receiving surface waterbody.

If applicable: *Manhole ID: _____ Approximate distance upstream from outfall (ft.): _____*

The permittee shall use the table below to describe 1) the observed dry weather flow and/or 2) when there are indications of intermittent illicit discharges present.

(Potential illicit discharge sources are listed in parentheses.)

Odor	☐ None ☐ Sewage (stale/septic sanitary wastewater) ☐ Petroleum/Gas (petroleum refineries, vehicle maintenance facilities, petroleum product storage) ☐ Rancid/Sour (food preparation facilities, e.g. restaurants, hotels, etc.) ☐ Sulfide (industries discharging sulfide compounds or organics, e.g. meat packers, canneries, dairies, etc.) ☐ Other: _____
Color	☐ Clear ☐ Brown (meat packers, printing plants, metal works, concrete or stone operations, fertilizer facilities, and petroleum refining facilities) ☐ Gray (dairies, sewage) ☐ Yellow (chemical plants, textile and tanning plants) ☐ Red (meat packers) ☐ Other: _____
Turbidity	☐ Clear ☐ Cloudy (sanitary wastewater, concrete or stone operations, fertilizer facilities, and automotive dealers) ☐ Opaque (food processors, lumber mills, metal works, pigment plants)
Floatable Matter (Does not include litter)	*Floatables of industrial origin may include animal fats, spoiled foods, solvents, sawdust, foams, packing materials, or fuel. Floatables in sanitary wastewater include fecal matter, toilet paper, sanitary napkins, and condoms.* ☐ None ☐ Sewage (toilet paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other: _____

Deposits and Stains within outfall	*Coatings, residues or fragments of material may be indicators of a potential intermittent non-stormwater discharge* ☐ None ☐ Grayish-Black (leather tanneries) ☐ White crystalline powder (Nitrogenous fertilizers) ☐ Excessive sediments (construction sites) ☐ Oily residues (petroleum refineries, storage facilities, vehicle service areas) ☐ Other:_____
Vegetation	*As compared to surrounding Riparian bank and/or stream vegetation* ☐ Normal ☐ Excessive growth and/or algal presence (Food processing plants) ☐ Inhibited Growth (Industrial operation effluent, CAFOs)

**If the Physical Observations have been conducted and it was determined there was no odor, no discoloration of the water or no deposits and stains left on the outfall, turbidity was clear, no floatable matter, and the vegetation surrounding outfall appears normal, then the dry weather discharge is likely from a groundwater source, but the "Field Monitoring" section below must still be completed for verification.*

*Prior to conducting the analyses in Sections 5 & 6, the source may be traced back upstream in the storm sewer to a more definitive location by various methods, such as opening manholes, using a camera and/or performing dye tests or smoke tests.**

SECTION 5: FIELD MONITORING

Field calibrate instruments in accordance with manufacturer's instructions prior to testing.

Estimated Dry Weather Flow Rate	The Tier A guidance document recommends taking the estimate flow rate during the physical observations. _____ GPM
Detergents Examples include surfactants and methylene blue active substances (MBAS)	Potential discharge types include sewage, washwater, industrial or commercial liquid waste Measurement: _____ mg/L
Temperature of dry weather discharge	Temperatures >70°F may indicate cooling water discharges depending on the season Measurement: _____°F

Proceed to Section 6 in accordance with the Guidance Document recommendations.

SECTION 6: DRY WEATHER FLOW ANALYSIS - WATER QUALITY

** Based on the potential discharge types determined in the 'Physical Observation' and 'Field Monitoring' sections, further testing must be conducted using the appropriate subset of parameters below. The following parameters are recommended by the EPA for specific types of discharges as noted in the table below. For more information, refer to Chapter 12 of the EPA's Illicit Discharge Detection and Elimination guidance document* (https://www3.epa.gov/npdes/pubs/idde_manualwithappendices.pdf).

Indicate the location of your measurements (e.g. outfall, manhole number, etc.): _____

_____

_____

_____

Parameter	Potential Discharge Type (EPA Guidance)	Discharge Measurement
Ammonia	Sewage, washwater	mg/L
Potassium	Sewage, industrial or commercial liquid waste	mg/L
Boron	>0.35 mg/L likely indicates sewage or washwater	mg/L
Chlorine	Industrial or commercial liquid waste	mg/L
Conductivity	Sewage, washwater, and industrial or commercial liquid waste	S/m
E. coli (FW & PL waters)**	>12,000 Count/100 mL is likely Sanitary Wastewater	Count/100 mL
Enterococci (SC & SE1 waters)**	>5,000 Count/100 mL is likely Sanitary Wastewater	Count/100 mL
Fecal Coliform (SE2 & SE3 waters)**	Sewage	Count/100 mL
Fluoride	Distinguishes potable water from natural or irrigation water	mg/L
pH of Dry Weather Discharge	Washwater	SU

**The abbreviations FW, PL, SC, SE 1, SE2, and SE3 refer to the surface water quality classification of the receiving surface waterbody where the outfall discharges, as defined in N.J.A.C. 7:9B. FW=Freshwater, PL=Pinelands, SC=Saline Coastal, SE=Saline Estuary. Map coverage of these classifications is available on NJ-GeoWeb (https://njdep.maps.arcgis.com/apps/webappviewer/index.html?id=02251e521d97454aabadfd8cf168e44d) using the layer under 'Water' of 'Surface Water Quality Classification.'

SECTION 7: ILLICIT DISCHARGE INVESTIGATION

The investigation is not complete until the source of the dry weather flow is found, and any illicit discharge is eliminated.

Based on the latest results from the investigation, including the results in Sections 4, 5 and 6, is/was this dry weather flow from an illicit connection? ☐ YES ☐ NO ☐ INVESTIGATION IS ONGOING

If the investigation has been completed, what was the source of the dry weather flow or illicit connection?

_____
_____
_____
_____
_____
_____
_____

Describe the investigation, including the methods that were/will be used to identify the suspected source of the illegal discharge, or conclude there was no illicit discharge, along with the timeline of the steps of the investigation. Attach additional pages if necessary.

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

SECTION 8: ILLICIT DISCHARGE ELIMINATION

If it was an illicit discharge, has the source been eliminated? ☐ YES ☐ NO

Describe the plan of action that was/will be followed to eliminate the illicit connection. This plan should detail who is/was responsible for the discharge, what methods were/will be used to fix it, how long it took/will take, and how removal was/will be confirmed and rechecked: _____

_____
_____
_____
_____
_____
_____
_____

SECTION 9: INSPECTOR INFORMATION

Inspector's Name: _____

Title: _____ Affiliation: _____

Signature: _____ Date: _____

Attachment D – Major Development Stormwater Summary

General Information

1. Project Name: | Lot & Block Info: _____
2. Municipality: | County: _____
3. Site Location (State Plane Coordinates – NAD83) E: _____ N: _____
4. Date of Final Approval for Construction by Municipality (MM/DD/YYYY): _____
   Date of Certificate of Occupancy (MM/DD/YYYY): _____
5. Project Type (place an "x" after all that apply)
   Residential ☐ Commercial ☐ Industrial ☐ Other (please specify) _____
6. Soil Conservation District Project #: _____
7. Did the project require a NJDEP Land Use Permit? Yes ◉ No ○ Land Use Permit #: _____
8. Did the project require any mitigation measures? Yes ○ No ◉
   If yes, which standard was mitigated? _____

Site Design Specifications

1. Site Area (acres): _____ Area of Disturbance (acres): _____ Area of Proposed Impervious (acres): _____
2. List all Hydrologic Soil Groups: _____
3. Identify the Quantities of Each Type of Best Management Practices (BMPs) Incorporated into the Site Design:

   Bioretention Systems _____ Constructed Wetlands _____ Dry Wells _____ Extended Detention Basins _____
   Infiltration Basins _____ Combination Infiltration/Detention Basins _____ Manufactured Treatment Devices _____
   Pervious Paving Systems _____ Sand Filters _____ Vegetative Filter Strips _____ Wet Ponds _____
   Grass Swales _____ Subsurface Gravel Wetlands _____ Other: _____

Storm Event Information

1. Storm Event – Rainfall (inches) / Duration (hours) Water Quality Design Storm: _____
   2 year: _____ 10 year: _____ 100 year: _____
2. Runoff Computation Method (mark one):
   NRCS Dimensionless Unit Hydrograph ☐ NRCS Delmarva Unit Hydrograph ☐ Rational Method ☐
   Modified Rational Method ☐ Other (describe): _____

BMP Specifications (answer all that apply) - If more than one BMP, see reverse side

1. BMP Name: _____ Type of BMP: _____
   Location (mark one): Surface ○ Subsurface ○ Is forebay part of the design? Yes ○ No ○
2. Owner (mark one): Public ○ Private ○
   If private, Owner's Name: _____ Owner's Telephone No.: _____
3. BMP Completion Date (MM/DD/YYYY): _____
4. Does the BMP have an underdrain? Yes ○ No ○
5. What is the Water Quality Design Storm Drain Down Time (hours)? _____
   What is the Design Soil Permeability (inches/hour): _____
6. What is the Seasonal High Water Table Depth from the BMP bottom (feet)? _____ Month Obtained: _____
7. Groundwater Recharge Methodology (mark one): 2-Year Difference ○ NJGRS ○ Other ○ N/A ○
8. Was Groundwater Mounding analyzed? Yes ○ No ○ If yes, Methodology: _____
9. Was a Maintenance Plan submitted? Yes ○ No ○ Is the BMP deed restricted? Yes ○ No ○

Name of Person Completing This Form: _____ Signature: _____
Title: _____ Date: _____

Comments: _____
_____
_____

BMP Specifications (answer all that apply) – Attach more pages if necessary

1. BMP Name: _____ Type of BMP: _____
   Location (mark one): Surface ◯ Subsurface ◯ Is forebay part of the design? Yes ◯ No ◯
2. Owner (mark one): Public ◯ Private ◯
   If private, Owner's Name: _____ Owner's Telephone No.: _____
3. BMP Completion Date (MM/DD/YYYY): _____
4. Does the BMP have an underdrain? Yes ◯ No ◯
5. What is the Water Quality Design Storm Drain Down Time (hours)? _____
   What is the Design Soil Permeability (inches/hour): _____
6. What is the Seasonal High Water Table Depth from the BMP bottom (feet)? _____ Month Obtained: _____
7. Groundwater Recharge Methodology (mark one): 2-Year Difference ◯ NJGRS ◯ Other ◯ N/A ◯
8. Was Groundwater Mounding analyzed? Yes ◯ No ◯ If yes, Methodology: _____
9. Was a Maintenance Plan submitted? Yes ◯ No ◯ Is the BMP deed restricted? Yes ◯ No ◯

BMP Specifications (answer all that apply) - Attach more pages if necessary

1. BMP Name: _____ Type of BMP: _____
   Location (mark one): Surface ◯ Subsurface ◯ Is forebay part of the design? Yes ◯ No ◯
2. Owner (mark one): Public ◯ Private ◯
   If private, Owner's Name: _____ Owner's Telephone No.: _____
3. BMP Completion Date (MM/DD/YYYY): _____
4. Does the BMP have an underdrain? Yes ◯ No ◯
5. What is the Water Quality Design Storm Drain Down Time (hours)? _____
   What is the Design Soil Permeability (inches/hour): _____
6. What is the Seasonal High Water Table Depth from the BMP bottom (feet)? _____ Month Obtained: _____
7. Groundwater Recharge Methodology (mark one): 2-Year Difference ◯ NJGRS ◯ Other ◯ N/A ◯
8. Was Groundwater Mounding analyzed? Yes ◯ No ◯ If yes, Methodology: _____
9. Was a Maintenance Plan submitted? Yes ◯ No ◯ Is the BMP deed restricted? Yes ◯ No ◯

BMP Specifications (answer all that apply) - Attach more pages if necessary

1. BMP Name: _____ Type of BMP: _____
   Location (mark one): Surface ◯ Subsurface ◯ Is forebay part of the design? Yes ◯ No ◯
2. Owner (mark one): Public ◯ Private ◯
   If private, Owner's Name: _____ Owner's Telephone No.: _____
3. BMP Completion Date (MM/DD/YYYY): _____
4. Does the BMP have an underdrain? Yes ◯ No ◯
5. What is the Water Quality Design Storm Drain Down Time (hours)? _____
   What is the Design Soil Permeability (inches/hour): _____
6. What is the Seasonal High Water Table Depth from the BMP bottom (feet)? _____ Month Obtained: _____
7. Groundwater Recharge Methodology (mark one): 2-Year Difference ◯ NJGRS ◯ Other ◯ N/A ◯
8. Was Groundwater Mounding analyzed? Yes ◯ No ◯ If yes, Methodology: _____
9. Was a Maintenance Plan submitted? Yes ◯ No ◯ Is the BMP deed restricted? Yes ◯ No ◯

Name of Person Completing This Form: _____ Signature: _____
Title: _____ Date: _____

Outfall Inspection Form

This form is provided to assist MS4 permittees with appropriate recordkeeping for their routine outfall inspections as required by the current MS4 NJPDES permit. Initial illicit connection inspections must be performed during dry weather, which is at least 72 hours after the previous precipitation or snowmelt event.

It is recommended to attach photo(s) of the inspection of the outfall to this form.

Upon discovery of stream scouring, you may use "Stream Scouring Investigation Record Keeping Form" for required documentation.

Upon discovery of any possible illicit connections, you MUST use "Illicit Connection Inspection Report Form."

SECTION 1: PERMITTEE INFORMATION

MS4 Permittee: _____ NJPDES #: NJG0_____

SECTION 2: OUTFALL SUMMARY INFORMATION

If this outfall is newly identified, be sure to add it to your electronic outfall pipe map.

Outfall ID: _____ Outfall Location Description: _____

_____

Municipality: _____ County:_____

Receiving Waterbody: _____

Describe the type of conveyance(s) that delivers the stormwater to the receiving waterbody (concrete or corrugated pipe, concrete channel, etc.): _____

_____

_____

If the ultimate discharge into the receiving water **is from an enclosed pipe**, is any part of the end of the pipe fully or partially submerged? ☐ NEVER ☐ SOMETIMES* ☐ ALWAYS*

*If 'Sometimes' or 'Always,' describe submerged conditions and condition at time of inspection:

_____

_____

_____

If the ultimate discharge into the receiving water **is not from an enclosed pipe**, what is the approximate distance between the end of the last enclosed stormwater conveyance pipe to the receiving waterbody (ft): _____

Do any other NJPDES permittees discharge through this MS4 outfall? ☐ YES* ☐ NO ☐ UNKNOWN

*If 'YES', list Permittee Name(s) or NJPDES #(s): _____

_____

_____

If 'YES', please contact your MS4 Case Manager.

SECTION 3: INSPECTION CONDITIONS

Date of current inspection: ___/___/___ Date of previous inspection: ___/___/___

Latest precipitation/snowmelt event: _____ /_____ /_____ Amount of Precipitation (in.): _____

Outfall condition: ☐ PROPER CONDITION ☐ NEEDS MAINTENANCE ☐ NEEDS REPAIR

If applicable, describe the type of maintenance or repair needed: _____

_____

_____

_____

Bank Stability around outfall: ☐ GOOD ☐ FAIR ☐ NEEDS STABILIZATION

If applicable, describe problem and the work needed to stabilize the outfall: _____

_____

_____

_____

Is there a dry weather flow present at the outfall or other evidence that a previous illicit discharge may have occurred*? (If the outfall is partially or fully submerged, dry weather flow observations must be made at the next upstream point (e.g. manhole) above the influence of the receiving surface waterbody.)*

☐ PRESENT ☐ EVIDENCE ☐ NEITHER

If applicable: *Manhole ID: _____ Approximate distance upstream from outfall (ft.): _____*

If a dry weather flow is present at the outfall or there is other evidence that a previous illicit discharge may have occurred, the permittee must document the illicit discharge investigation on the **"Illicit Connection Inspection Report Form"** at the link above.

SECTION 4: STREAM SCOURING

Is stream scouring present? ☐ YES* ☐ NO

*If 'YES', describe the scouring, including where the scouring is occurring relative to the outfall:

_____

_____

_____

_____

If you answered 'YES,' you must document sources of stormwater that contribute to the outfall. The Department has created the **"Stream Scouring Investigation Record Keeping Form" for your use at the link above.**

SECTION 5: INSPECTOR INFORMATION

Inspector's Name: _____

Title: _____ Affiliation: _____

Signature: _____ Date: _____

Stream Scouring Investigation Recordkeeping Form

This form is provided to assist MS4 permittees with appropriate recordkeeping throughout the investigation process of outfall stream scouring. This form is to be kept with the permittee's SPPP, as per the recordkeeping requirements of the MS4 NJPDES permit. It is recommended to attach photo(s) of the outfall and scouring to this form.

SECTION 1: PERMITTEE INFORMATION

MS4 Permittee: _____ NJPDES #: NJG0_____

SECTION 2: OUTFALL SUMMARY INFORMATION

If this outfall is newly identified, be sure to add it to your electronic outfall pipe map.

Outfall ID: _____ Outfall Location Description: _____

_____

Municipality: _____ County:_____

Receiving Waterbody: _____

Describe the type of conveyance(s) that delivers the stormwater to the receiving waterbody (concrete or corrugated pipe, concrete channel, etc.): _____

_____

_____

If the ultimate discharge into the receiving water **is from an enclosed pipe**, is the end of the pipe fully or partially submerged? ☐ NEVER ☐ SOMETIMES* ☐ ALWAYS*

*If 'Sometimes' or 'Always,' describe submerged conditions and condition at time of inspection:

_____

_____

_____

If the ultimate discharge into the receiving water **is not from an enclosed pipe**, what is the approximate distance between the end of the last enclosed stormwater conveyance pipe to the receiving waterbody (ft.): _____

Do any other NJPDES permittees discharge through this MS4 outfall? ☐ YES* ☐ NO ☐ UNKNOWN

*If 'YES', list Permittee Name(s) or NJPDES #(s): _____

_____

_____

If 'YES', please contact your MS4 Case Manager.

SECTION 3: INSPECTION CONDITIONS

When was the stream scouring first identified? ____/____/____

Date of current inspection: ____/____/_____ Date of previous inspection: ____/____/_____

Latest precipitation/snowmelt event: ____ /____ /_____ Amount of Precipitation (in.): _____

Provide a description of the stream scouring and outfall condition: _____

_____

_____

Describe investigation and findings, including suspected sources and action(s) being taken to reduce the volume or rate of flow from the sources contributing stormwater to the outfall, including dates of actions taken: _____

_____

_____

_____

Was stream scouring identified during the previous inspection? ☐ YES* ☐ NO

*If 'YES', describe previous actions taken: _____

_____

_____

_____

Since the date of last inspection, has the stream scouring worsened? ☐ YES* ☐ NO

*If 'YES', describe any potential causes, including new source(s) contributing stormwater to the MS4 discharging at this outfall since previous inspection (e.g. new housing developments, commercial plazas, etc.):

_____

_____

_____

_____

_____

SECTION 4: SCHEDULING OF STREAM REMEDIATION

Description of the remediation project: _____

_____

_____

_____

_____

_____

List milestones and dates of remediation (i.e. applied for permit, advertised for bid, awarded bid for project, completed project, etc.): _____

_____

_____

_____

_____

_____

_____

SECTION 5: PERMITS OBTAINED (Flood Hazard, Freshwater Wetlands, Soil Conservation District, etc.)

Permit Type	Permit Authorization #	Application date	Authorization date
_____	_____	____/____/____	____/____/____
_____	_____	____/____/____	____/____/____
_____	_____	____/____/____	____/____/____
_____	_____	____/____/____	____/____/____
_____	_____	____/____/____	____/____/____

SECTION 6: INSPECTOR INFORMATION

Inspector's Name: _____

Title: _____ Affiliation: _____

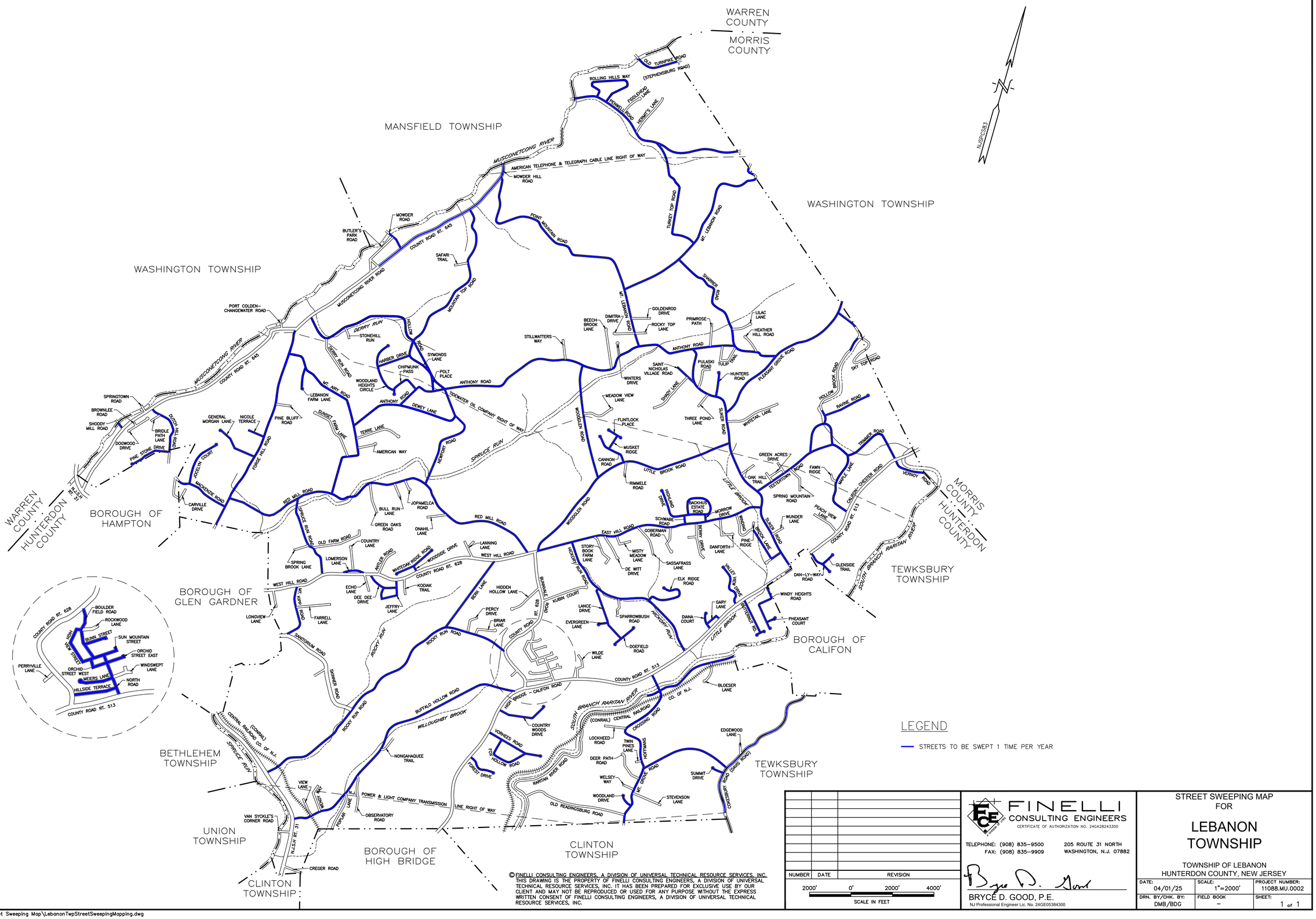
Signature: _____ Date: _____

APPENDIX B

OUTFALL LOCATION MAP (RESERVED IN PROGRESS)

APPENDIX C

STREET SWEEPING MAP



LEGEND

STREETS TO BE SWEPT 1 TIME PER YEAR

NUMBER	DATE	REVISION

2000' 0' 2000' 4000'

SCALE IN FEET

FINELLI CONSULTING ENGINEERS
CERTIFICATE OF AUTHORIZATION NO. 24GA28243300
TELEPHONE: (908) 835-9500
FAX: (908) 835-9909
205 ROUTE 31 NORTH
WASHINGTON, N.J. 07882

BRYCE D. GOOD, P.E.
NJ Professional Engineer Lic. No. 24GE05384300

STREET SWEEPING MAP FOR LEBANON TOWNSHIP

TOWNSHIP OF LEBANON
HUNTERDON COUNTY, NEW JERSEY

DATE:	SCALE:	PROJECT NUMBER:
04/01/25	1"=2000'	11088.MU.0002
DRN. BY/CHK. BY:	FIELD BOOK	SHEET:
DMB/BDG	–	1 of 1

L:\Lebanon\11088.MU.0002 MS4 Permit\Street Sweeping Map\LebanonTwpStreetSweepingMapping.dwg