

Stormwater Pollution Prevention Plan

Mansfield Township
Warren County

Permit Number NJG0152633
Annual Review Date: June 3, 2025
Stormwater Program Coordinator: Paul W. Ferriero, PE, CME

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Paul W. Ferriero, PE, CME
Stormwater Program Coordinator

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Form 1 – Team Members

Stormwater Program Coordinator (SPC)			
Name and Title		Paul W. Ferriero, PE, CME, Township Engineer	
Phone	908-879-6209	Email	paul.ferriero@ferrieroengineering.com
Individual(s) Responsible for Major Development Project Stormwater Management Review			
Name and Title		Paul W. Ferriero, PE, CME, Township Engineer	
Phone	908-879-6209	Email	pferriero@boswellengineering.com
Name and Title		C. Richard Quamme, PE, CME, Township Engineer	
	908-879-6209, ext 234	Email	rquamme@boswellengineering.com
Other Municipal Stormwater Team Members			
Name and Title		Harry Appleby, Jr., Acting DPW Supervisor	
Phone	908-672-0695	Email	DPW@mansfieldtownship-nj.gov
Name and Title		Wendy Barras, Township Clerk	
Phone	908-689-6151 x128	Email	clerk@mansfieldtownship-nj.gov
Shared/Contracted Service Providers			
Provider Name	Service Provided	Term of Service	
AQUALIS (formerly Stormwater Compliance Solutions, LLC)	Stormwater management consulting, permit compliance tasks including SPPP plan updates, basin inspections, MS4 mapping	Annual 1/1-12/31	

Form 2 – Revision History

Revision Date	Form # Changed	Reason for Revision (Updates to staff, policy, webpage, etc.)
12/28/2023	All	Updated for compliance under 2023 MS4 permit
12/12/2024	1,4,5,9,11	Updated to reflect current practices, ordinance, mapping updates
6/3/2025	1, 3, 4, 6-9, 11	Updated to reflect current practices and mapping updates

Form 3 – Public Announcements
Part IV.B. and C.

1. Provide the link to the dedicated stormwater webpage for your municipality.
https://www.mansfieldtownship-nj.gov/index.php/public-services/stormwater-management
2. List the name and title of person(s) responsible for stormwater webpage postings/updates.
Wendy Barras, 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.
Direct mailing of resident newsletter containing stormwater article, mayor's letter regarding community-wide ordinances included in tax bill mailing, printed materials at the municipal building stormwater display. Website stormwater page hosts stormwater-related material.

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.
<p>MAJOR DEVELOPMENT – (repeated from N.J.A.C. 7:8) Shall mean an individual “development,” as well as multiple developments that individually or collectively result in:</p> <ol style="list-style-type: none"> 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. <p>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.”</p>
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.
Same as model
3. Describe the process for reviewing major development project applications for compliance with the SCO and Residential Site Improvement Standards (RSIS).
Under the SCO, which is administered by the planning/zoning boards and code enforcement officer, Mansfield Township controls stormwater from non-residential development and redevelopment projects. To control stormwater from new development and redevelopment projects throughout Mansfield Township (including projects we operate) we:

<p>Ensure that all new residential development and redevelopment projects that are subject to the Residential Site Improvement Standards for stormwater management (including the NJDEP Stormwater Management rules, N.J.A.C. 7:8, referenced in those standards) are in compliance with those standards.</p> <p>Our planning and zoning boards ensure such compliance before issuing preliminary or final subdivision or site plan approvals under the Municipal Land Use Law. To date and under the permit, Mansfield has not constructed any new development or redevelopment projects on Township property that require stormwater management.</p> <p>We require any storm drain inlets that we install to comply with the design standards set forth under the permit.</p>
<p>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.</p>
<p>No</p>
<p>5. Indicate the dates of each iteration of the township's Stormwater Control Ordinance, starting with the initial adoption and including revisions.</p>
<p>March 4, 2005 - initial January 27, 2021 - revised May 8, 2024 - revised to incorporate the new Inland Flood Protection Rule into the Stormwater Management Rules (N.J.A.C. 7:8)</p>
<p>6. Indicate the dates of each iteration of the township's Municipal Stormwater Management Plan, starting with the initial adoption and including revisions.</p>
<p>3/21/2005</p> <p>It is a requirement of the Tier A permit to review and update (as needed) the MSWMP every 10 years when the Municipal Master Plan is reviewed. The Township is aware that the Department will be developing a new model MSWMP following the adoption of the NJPACT/REAL regulations during 2025 and will update its MSWMP to conform with the new model as soon as possible thereafter.</p>

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	11/9/2005	yes	Municipal Court via resident complaint	NTE \$2000
2. Wildlife Feeding	11/9/2005	yes	Police, Recreation Committee member	NTE \$2000
3. Litter Control	1/1/1975	yes	Police, Health	NTE \$2000
4. Improper Disposal of Waste	2/28/2024	yes	Police, municipal designee	NTE \$1000
5. Yard Waste	11/22/2022	yes	Police, Zoning Officer	NTE \$2000
6. Private Storm Drain Inlet Retrofitting	5/11/2011	yes	Police, Engineer	NTE \$1000
7. Illicit Connections	4/26/2006	yes	Police	NTE \$1000
8. Privately-Owned Salt Storage	11/8/2023	yes	Police, Code Enforcement	1 st \$100 2 nd \$500 3 rd \$1000
9. Tree Removal-Replacement		Awaiting governing body action, in discussion		\$___
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.				
Refuse Containers/Dumpsters – adopted 5/11/2011, enforced by Police, Engineer, fine NTE \$2000 SCO/Flood Control – adopted 8/10/2022, enforced by engineer, NTE \$1000				
Indicate the location of records associated with ordinances and related violations and enforcement actions below.				
Township Clerk, Zoning, Municipal Court				

Form 6 – Street Sweeping

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

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

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

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

Mansfield currently sweeps its curbed roads a minimum of 3x/year using its own street sweeper.

Plans are under development to expand the street sweeping to all qualifying roads on a tri-annual basis, or annually where appropriate based on the Tier A requirements and in accordance with the NJDEP MS4 permit timelines (by 1/1/2026).

Sweeping logs with dates and material collected are maintained in the public works office.

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

Street sweeping is not outsourced; Mansfield DPW sweeps the municipal streets.

Form 7 – MS4 Infrastructure
Part IV.F.2-4. and Part IV.G.2-3.

1. Municipal Storm Drain Inlets

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

a) The Township maintains and keeps legible all storm drain labels throughout the municipality. As part of the annual stormwater facility inspection the inspectors will replace any storm drain labels that are missing or are illegible. The labels will read "No dumping - Drains to Stream" with a picture of a fish next to it. We label all storm drain inlets that are along municipal streets with sidewalks, and all storm drain inlets within plazas, parking areas, or maintenance yards that are operated by Mansfield Township. For the labeling we use plastic or metal labels that will be applied using adhesive.

b) During major development project construction and municipal/county paving or infrastructure repair projects, the Township Engineer performs site inspections of storm drain inlet retrofits to ensure proper type/installation. The municipality will also inform the responsible party of all private paving projects of the current requirements prior to the commencement of work.

The Township-owned inlets needing retrofitting are identified during annual inlet inspections. Records are maintained that identify inlet types and compliance statuses. Tier A Part IV.F.2.a.iv requires that Township-owned inlets be retrofitted per permit Attachment B standards by December 1, 2027.

c) Records are retained for annual reporting the NJDEP. The Engineer's duties include a procedure for any road that undergoes renovations or paving projects must also have its inlets inspected and retrofitted if necessary. Records are kept on both contracted work and in-house work that is completed.

d) Storm drain inlets are visually inspected by road crews as part of routine maintenance and cleared before/after anticipated major storm events. Inspection reports are maintained by the Director of Public Works. A running inventory of storm drains that require repair or modification is maintained by the Director of Public Works. A schedule of cleaning sites and repairs is maintained based on priority and performed/contracted based on available funding.

<p>2. Municipal Catch Basins</p> <p>a. Describe when and how you conduct inspections of catch basins.</p> <p>b. Describe the criteria used to determine when catch basins need to be cleaned.</p>
<p>All catch basins are inspected at least once per year. If, at the time of inspection, no sediment, trash or debris is observed in the catch basin, then that catch basin will not be cleaned. All catch basins will be inspected yearly, even if they were found to be “clean” the previous year. Catch basin inspections are conducted by contracted vendor when requested. At the time of cleaning, the catch basins will also be inspected for proper function. Maintenance or repair will be prioritized based on condition and scheduled for repair as needed.</p>
<p>3. Municipal Conveyance System</p> <p>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.</p>
<p>Mansfield Township has implemented a stormwater facility maintenance program to ensure that all stormwater facilities operated by the Township continue to function properly. Currently the Township operates:</p> <ul style="list-style-type: none"> • catch basins (inlets) • storm drains • detention basins • buffer strips • swales <p>These stormwater facilities are inspected quarterly to ensure that they are functioning properly. In high-risk areas preventative maintenance will be performed on all stormwater facilities to ensure that they continue to operate properly.</p>
<p>4. Municipal Outfall Inspections – Stream Scouring</p> <p>Describe the program in place to detect, investigate, and control localized stream scouring from stormwater outfalls. Include a description of the equipment and techniques used.</p>
<p>Inspections are conducted annually by public works during the course of normal public works duties, particularly after major storm events, and supplemented by contracted consultant, when requested.</p>
<p>5. Municipal Outfall Inspections – Illicit Discharge Detection and Elimination</p> <p>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</p>

from the Department's main stormwater webpage.

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

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

If complaints are reported or if any outfalls are found to have a suspected illicit discharge, we re-inspect within 30 days and sample in accordance with NJDEP's MS4 Guidance to determine if an illicit connection exists.

If an illicit discharge is detected, the Township will begin the work to identify the source within 30 days. We fill out and submit the NJDEP Illicit Connection Inspection Report Forms for each suspected illicit discharge to submit with our Annual Report.

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.

Mansfield Township has implemented a stormwater facility maintenance program to ensure that all stormwater facilities operated by the Township function properly. These stormwater facilities will be inspected annually to insure that they are functioning properly. Inspections are performed by contracted vendor, when requested. In high risk areas, preventative maintenance will be performed on all stormwater facilities to ensure that they do not begin to fail.

7. Stormwater Facilities Not Owned or Operated by the Municipality

Describe your program for ensuring adequate long-term cleaning, operation, and maintenance of stormwater facilities not owned or operated by the municipality. This should include your plan for ensuring annual inspections are being done on these private properties and describe how you record the locations and logs associated with private infrastructure.

The Township of Mansfield maintains a list of stormwater facilities that are not owned by the municipality and is currently reviewing the list for accuracy, including by utilizing tools made available from the NJDEP as part of the Watershed Improvement Plan Phase I exercise. The Mansfield list includes location, type, and facility contact information. The Township requires an annual certification from these owners and follows up to ensure the inspections are conducted and the facilities are maintained.

8. Infrastructure Records

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

All infrastructure records are maintained in the office of the Superintendent of Public Works.

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 Township of Mansfield does not apply herbicides to its properties.
2. Excess Deicing Material Management Describe your program for ensuring that excess salt piles are removed in a timely manner after storm events.
Mansfield Township stores its de-icing material in a permanent salt storage structure located at its maintenance yard with a secondary supply at its leased location at 324 Main Street. Trucks pull up to the building's edge for loading. At the completion of loading or unloading activities, inspections are conducted for spilled material, with any excess returned to salt piles by shovel or backhoe. This procedure is also used on streets, where an excess amount may have been unintentionally discharged.
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.).
As a requirement under Tier A Part IV.F.2, any and all roadside waste generated by the Township is immediately removed at the conclusion of the task and/or upon discovery. Roadside vegetation is manually cut back.
4. Roadside Erosion Control Describe your program to detect and repair erosion along municipal roadways.
Under Tier A Part IV.F.2a.ix. Roadside Erosion Control: "The permittee shall develop a program to detect and repair erosion along the roads owned or operated by the permittee and to inspect and maintain the stability of shoulders, embankments, ditches, and soils along these roads to ensure that they are not eroding and contributing to the sedimentation of receiving waters or stormwater infrastructure. Inspections of municipal roads shall occur at least once per year, and any repairs shall be completed

as soon as practicable, but no later than 90 days from discovery, unless the Department is notified with an alternate schedule of completion, and be made in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey. N.J.A.C. 2:90-1, as applicable.”

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

Form 9 – Municipal Maintenance Yards & Other Ancillary Operations

Part IV.F.5.

Please complete a separate Form 9 for each yard or site. Indicate the number of yards/sites the municipality owns or operates: 2 (1 of 2)

1. Site Name and Address	
Mansfield Township DPW 1710 NJ-57 Hackettstown, NJ 07840	
2. Monthly Site Inspections	
Describe the nature of inspections conducted at this site and the location of inspection logs.	
<p>Monthly site inspection reports are maintained. As a matter of continued practice, the public works site is continuously inspected by the Public Works Supervisor and corrective action, when required, is taken immediately. All records are maintained in the office of the Public Works Supervisor.</p>	
3. Inventory List	
List all materials and machinery that are potentially exposed to stormwater.	
Materials	Machinery/Equipment
Clean Stone, 1 ½" stone (3-sided bin)	Landscaping trailers
Millings(3-sided bin)	(2) 40' storage containers
Broken concrete/asphalt (3-sided bin)	
Street sweeping (temporary storage)	
All materials are stockpiled for use and/or collection prior to delivery to recycling location (asphalt/concrete/street sweepings)	
*There are no storm drains located at the public works facility	

<p>4. Discharge of Stormwater from Secondary Containment Describe the process in place for discharging stormwater from secondary containment areas where outdoor containers are stored.</p>
<p>The containment area must be impervious and be able to contain the volumetric capacity of at least 110% of the largest tank's capacity within the containment area. The containment area must be constructed so that no volume of bulk liquid can escape through drains, storm sewer systems, or to the surface waters or ground waters of the state. All accessory pipes, hoses, valves, and pumps must also be located within the containment area. It is recommended that the tank be protected to prevent stormwater from accumulating in the containment structure.</p>
<p>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.</p>
<p>Fueling is conducted using a 500-gallon above ground tank with secondary containment. Nozzles are inspected frequently or replaced to guard against spillage. There are spill kits and fire extinguishers on site. Drivers are required to stay with the vehicle at all times during fueling activities. BMP practices are enforced. Proper signage to ensure the safe operation of fueling equipment is prominently posted in the pumping area.</p>
<p>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.</p>
<p>Tier A Part IV.F.5.i requires "that the permittee shall perform vehicle and equipment maintenance in a manner that prevents the exposure of pollutants to stormwater. Whenever possible, the permittee shall conduct vehicle and equipment maintenance and/or repair activities indoors. For projects that must be conducted outdoors, and that last more than one day, portable tents or covers shall be placed over the equipment being serviced when not being worked on, and drip pans shall be used at all times. Use designated areas away from storm drains or block storm drain inlets when vehicle and equipment maintenance is being conducted outdoors."</p>

<p>The Township complies with the permit requirements. All vehicle maintenance is performed inside a garage. If any vehicle breaks down or any equipment fails off-site, it is returned (or towed) to the shop for maintenance.</p> <p>Drip pans and tarps are always utilized to guard against the spillage of motor vehicle fluids. Spill kits are used when necessary. Any equipment requiring temporarily stored outdoors for service is tarped or tented when not being worked on if repairs cannot be completed in a day.</p> <p>Daily inspections of the shop area are conducted to ensure that standard BMP practices are followed. All supervisors and mechanics are trained in proper BMP procedures.</p>
<p>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.</p>
<p>Vehicles are no longer washed on site, or at any other location. Rinsing using water only is conducted, very occasionally. While the garage is equipped with a wash bay, it has been out of service and in need of repair for several years. There is no plan or desire to resume vehicle washing activity.</p>
<p>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.</p>
<p>All salt and deicing materials are stored in the permanent salt storage structures. Trucks pull up to the building's edge for loading. At the completion of loading or unloading activities, inspections are conducted for spilled material, with any excess returned to salt piles. This procedure is also used on streets, where an excess amount may have been unintentionally discharged.</p>
<p>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.</p>
<p>There is no municipal curbside collection of brush or leaves in the Township of Mansfield. Materials are not stored on site.</p>
<p>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</p>

these materials are stored.
Cold patch is stored in a covered three-sided container.
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 temporarily stored at the municipal yard prior to deliver to the Warren County District Landfill (Pollution Control Financing Authority) in Oxford, NJ. Tickets are received at the recycling center and records are maintained in the public works office.
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.
Construction or demolition materials that may be collected are temporarily stored at the municipal yard prior to deliver to the Warren County District Landfill (Pollution Control Financing Authority) in Oxford, NJ. Tickets are received at the recycling center and records are maintained in the public works office. Temporary storage is in 3-sided bins.
13. Scrap Tires Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.
Scrap tires are temporarily stored in a covered container at the public works facility prior to delivery to the Warren County District Landfill for recycling.
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.
The storage of inoperable vehicles or equipment is temporary as equipment that is deemed obsolete is auctioned. To ensure that there is no exposure to stormwater from this equipment, all inoperable equipment is inspected at least monthly during the facility inspections to check for leaks or filled drip pans or any other contributing source of contamination until such time as the vehicle or piece of equipment is removed for disposal at auction or recycling facility in accordance with Tier A Part IV.F.5.q.

Form 9 – Municipal Maintenance Yards & Other Ancillary Operations

Part IV.F.5.

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

1. Site Name and Address	
Mansfield Township Volunteer Fire Company 324 Main Street Port Murray, NJ 07865 (25-year lease for excess salt storage and interior storage of equipment)	
2. Monthly Site Inspections Describe the nature of inspections conducted at this site and the location of inspection logs.	
This site is leased by Mansfield Township and utilized strictly for the storage of excess salt (3-sided structure), liquid calcium, and interior garage storage. The salt and liquid calcium areas are inspected by the Acting DPW Supervisor and inspection reports are maintained.	
3. Inventory List List all materials and machinery that are potentially exposed to stormwater.	
Materials	Machinery/Equipment
None (salt storage structure only)	
Liquid Calcium tank	
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 containment area must be impervious and be able to contain the volumetric capacity of at least 110% of the largest tank's capacity within the containment area. The containment area must be constructed so that no volume of bulk liquid can escape through drains, storm sewer systems, or to the surface waters or ground waters of the state. All accessory pipes, hoses, valves, and pumps must also be located within the containment area. It is recommended that the tank be protected to prevent stormwater from accumulating in the containment structure.	

<p>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.</p>
<p>There is no fueling activity at this location.</p>
<p>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.</p>
<p>No maintenance is performed at this location.</p>
<p>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.</p>
<p>There is no washing conducted at this location.</p>
<p>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.</p>
<p>All salt and deicing materials are stored in the permanent salt storage structure.</p>
<p>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.</p>
<p>No materials are stored at this location.</p>
<p>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.</p>
<p>Cold Patch is not stored onsite at this location.</p>

<p>11. Street Sweepings and Storm Sewer Cleanout Materials</p> <p>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.</p>
<p>Materials are not stored at this location.</p>
<p>12. Construction and Demolition Waste, Wood Waste, and Yard Trimmings</p> <p>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.</p>
<p>Materials are not stored at this location.</p>
<p>13. Scrap Tires</p> <p>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.</p>
<p>Scrap tires are not stored at this location.</p>
<p>14. Inoperable Vehicles and Equipment</p> <p>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.</p>
<p>The Township does not store inoperable vehicles or equipment at this location.</p>

Form 10 – Training

Part IV.F.6-10.

Stormwater Program Coordinators
Describe the training provided for the municipal Stormwater Program Coordinator.
<p>The Stormwater Program Coordinator (SPC) for Mansfield Township attends NJDEP training every permit cycle. Training covers the SPC responsibilities, permit conditions, annual reporting, and required submissions and documentation. Paul W. Ferriero, PE, is the Mansfield Township SPC (certification valid through 12/31/2027).</p>

Topic	Municipal Employees
	Examples: in-person or virtual group sessions, e-Learning, field trainings, and videos
	Describe the training provided for municipal staff.
SPPP	<p>The Tier A permit requires: Ensure duty-specific training of all individuals responsible for the implementation of the stormwater program. Training shall describe the procedures necessary to ensure compliance with all permit conditions and shall include municipality-specific details described in the SPPP. Training shall be conducted within 3 months of commencement of duties and on an annual basis thereafter.</p> <p>Training records detailing employees that attended the training, dates, signatures, agenda/topics discussed along with instructor's name/title are maintained by the Acting Public Works Supervisor for reporting and compliance purposes.</p> <p>Virtual group</p>
Construction Site Stormwater Runoff	<p>Annual and site specific training is provided to familiarize employees with requirements and best practices measures.</p> <p>Field training</p>
Post-Construction Stormwater Management in New and Redevelopment	<p>Annual and site specific training is provided to familiarize employees with requirements and best practices measures.</p> <p>Field Training</p>
Community-wide Ordinances	<p>Annual training to familiarize responsible employees is conducted by the contracted stormwater consultant with training records maintained. Records of training are maintained by the Acting Public Works Supervisor for reporting and compliance purposes.</p> <p>Virtual group</p>

Community-wide Measures	<p>Annual training to familiarize responsible employees is conducted as needed by the contracted stormwater consultant with training records maintained. Records of training are maintained by the Acting Public Works Supervisor for reporting and compliance purposes.</p> <p>Virtual group</p>
Stormwater Facilities Maintenance	<p>Annual and as needed training provided by the stormwater consultant to review BMPs to ensure familiarity with maintenance requirements. Records of training are maintained by the Acting Public Works Supervisor for reporting and compliance purposes.</p> <p>Virtual group</p>
Municipal Maintenance Yards and Other Ancillary Operations	<p>Annual and as needed training provided by the stormwater consultant to review BMPs to ensure familiarity with maintenance requirements. Records of training are maintained by the Acting Public Works Supervisor for reporting and compliance purposes.</p> <p>Virtual group</p>
MS4 Mapping	<p>Training provided by contracted vendor to ensure familiarity with mapping updates and to further familiarity of maintenance areas/requirements. Records of training are maintained by the Public Works Superintendent for reporting and compliance purposes.</p> <p>Virtual group</p>
Outfall Stream Scouring	<p>Annual and ongoing and site specific training is provided to familiarize employees with requirements and best practices measures.</p> <p>Field training</p>
Illicit Discharge Detection and Elimination	<p>Annual and ongoing and site specific training is provided to familiarize employees with requirements and best practices measures.</p> <p>Field training</p>

Stormwater Management Design Reviewers
Describe the training provided for individuals responsible for reviews and approvals of stormwater management designs.
Individuals who review and approve stormwater management designs for major developments on behalf of the municipality are required under the MS4 permit to attend the mandatory NJDEP Stormwater Management Design Review course at least once every 5 years. They are required by the MS4 permit to also attend mandatory NJDEP training on amendments to the stormwater management rules at N.J.A.C. 7:8. The design reviewer for Mansfield Township is the municipal engineer. Township Engineers Paul W. Ferriero, PE and C. Richard Quamme have both completed the training (both with SMDR training valid through 3/28/2027).

Municipal Board and Governing Body Members
Describe the training provided for members of the planning/zoning board and municipal council.
<p>Training is required for individuals who review and approve applications for development and redevelopment projects in the municipality at a minimum of once per term. This includes members of the planning and zoning boards and governing body that vote on such projects.</p> <p>Training is in the form of online videos, posted at www.nj.gov/dep/stormwater/training.htm. Within 6 months of commencing duties, officials watch the “Asking the Right Questions” video Stormwater Review Training Tool. Once per term thereafter, officials are required to watch at least one of the online NJDEP videos in the series available under Post-Construction Stormwater Management.</p> <p>Stormwater Management Rules Applicability: https://nj.gov/dep/stormwater/training/htm</p> <p>Stormwater Management Rules Planning: http://nj.govstormwater/training/htm</p> <p>Stormwater Management Rules Design and Performance: http://nj.govstormwater/training/htm</p> <p>Stormwater Management Through General Permit for MS4’s: http://nj.govstormwater/training/htm</p>

Training Records
Indicate the location of training records for the above required training.
Township Clerk’s office

Form 11 – MS4 Mapping

Part IV.G.1.

1. Provide a link to the most current MS4 outfall/infrastructure map.	
<p>Work is in progress, information below is areas mapped to date, with the balance to be completed in advance of the 1/1/2026 permit deadline. The numbers in this section reflect that partial mapping status. The stormwater infrastructure map will be uploaded to the municipal website upon completion.</p>	
2. Indicate the total of each type of MS4 infrastructure listed below (mapped to date indicated, due 01 Jan 2026).	
a. MS4 outfalls	174
b. MS4 ground water discharge points (basins or overland flow infiltration areas)	To be identified/mapped
c. MS4 interconnections	2 (identified/mapped to date)
d. MS4 storm drain inlets	623
e. MS4 manholes	40 (identified/mapped to date)
f. Length of conveyance (channels, pipes, ditches, etc.)	55,744 feet or 10.55 miles
g. MS4 pump stations	0
h. MS4 stormwater facilities (any that are not listed above)	To be identified/mapped
i. Maintenance yard(s) and other ancillary operations	To be identified/mapped
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.).	
<p>All MS4 infrastructure is being identified via the initial MS4 mapping work. Approximately 50% was completed by 12/31/2024 with the balance to be added during 2025. Once completed, it will be updated annually and as needed to ensure accuracy.</p>	
4. Describe how the municipality will create and update its MS4 Infrastructure Map.	
<p>Mansfield Township has contracted with AQUALIS (formerly Stormwater Compliance Solutions, LLC) to perform and complete the mapping work required under the 2023 MS4 permit. Approximately 50% is completed, and reflected in 2a-i above.</p>	

Form 12 – Watershed Improvement Plan

Part IV.H.

1. Describe how your municipality is developing its Watershed Improvement Plan.
<p>The Watershed Improvement Plan is underway via field work and by utilizing data tools made available by NJDEP. The Phase I plan is pending at this time and will be developed in accordance with the Tier A permit requirements by 1/1/2026.</p>
2. Describe any regional projects or collaboration efforts with other municipalities.
<p>Pending/To be determined</p>
3. Indicate the location of records related to all public information sessions and meetings for discussions of the Watershed Improvement Plan.
<p>All meeting minutes will be/are maintained by the Borough Clerk and available for public inspection.</p>