

Stormwater Pollution Prevention Plan

Township of Mullica

County of Atlantic

Permit Number: NJG0150363

Annual Review Date: January 2024

Revision Date: December 21, 2025

Stormwater Program Coordinator: Chuck Gras, Public Works Superintendent

Table of Contents

Form 1 – Team Members	3
Form 2 – Revision History	4
Form 3 – Public Announcements.....	5
Form 4 – Post-Construction Stormwater Management in New Development and Redevelopment ...	6
Form 5 – Ordinances	9
Form 6 – Street Sweeping.....	10
Form 7 – MS4 Infrastructure	11
Form 8 – Community-wide Measures	15
Form 9 – Municipal Maintenance Yards & Other Ancillary Operations	16
Form 10 – Training.....	22
Form 11 – MS4 Mapping	26
Form 12 – Watershed Improvement Plan	27

Form 1 – Team Members

Stormwater Program Coordinator (SPC)			
Name and Title		<i>Chuck Gras, CPWM, Public Works Superintendent (with support from ARH Associates)</i>	
Phone	(609) 957-2664	Email	cgras@mullicatownship.org
Individual(s) Responsible for Major Development Project Stormwater Management Review			
Name and Title		<i>James Sia, PE - ARH Associates</i>	
Phone	(609) 561-0482 x3115	Email	jsia@arh-us.com
Name and Title		<i>Deborah Wahl, PE, PE, CME - Polistina & Associates, LLC</i>	
Phone	(609) 646-2950	Email	wahl.doran7@gmail.com
Other Municipal Stormwater Team Members			
Name and Title		<i>George Moore, Director of Public Works</i>	
Phone	(609) 561-7070 x130	Email	gmoore@MullicaTownship.org
Name and Title		<i>Monica Newton, Municipal Clerk</i>	
Phone	(609) 561-7070 x115	Email	mnewton@MullicaTownship.org
Name and Title		<i>Tiffany Stanley, Deputy Municipal Clerk</i>	
Phone	(609) 561-7070 x110	Email	tstanley@MullicaTownship.org
Name and Title		<i>Kim Johnson, Director of Administration</i>	
Phone	(609) 561-0064 x114	Email	kjohnson@MullicaTownship.org
Name and Title		<i>Dawn Stollenwerk, Chief Financial Officer</i>	
Phone	(609) 561-7070 x111	Email	dstollenwerk@MullicaTownship.org
Shared/Contracted Service Providers			
Provider Name	Service Provided	Term of Service	
<i>ARH Associates</i>	<i>Township Engineer; MS4 Mapping</i>	<i>Year-to-Year basis</i>	
<i>Doran Engineering</i>	<i>Planning Board Engineer</i>	<i>Year-to-Year basis</i>	
<i>Atlantic County</i>	<i>Street Sweeping</i>	<i>Under consideration, 2026</i>	
<i>Mobile Dredging & Video Pipe</i>	<i>Stormwater Infrastructure Video Inspection and Cleaning</i>	<i>As needed</i>	

Form 2 – Revision History

Revision Date	Form # Changed	Reason for Revision (Updates to staff, policy, webpage, etc.)
July 2024	Initial Submission	New SPPP - Reassignment from Tier B to Tier A Permit. INITIAL SUBMISSION for January 2024 Permit Cycle
June 4, 2025 (NJDEP Comments)	Form 5... Form 7, Q1b... Form 7, Q7... Form 9 (1 of 2), Q2	NJDEP Comments on Initial Submission - Differing thresholds for tree ordinance - Curb inlet retrofit milestone of 12/31/2027 included. - Township to send owner letter to certify annual maintenance of private storm facilities. - Note Township and NJDEP inspection frequency (monthly and once per permit cycle, respectively)
June 4, 2025	Form 3, Q2... Form 1...	- Staff update, Monica Newton, Municipal Clerk - Individual(s) Responsible for Major Development Project Stormwater Management Review: change in name of company for Deborah Wahl from Doran Engineering to Polistina & Associates, LLC
December 21, 2025 (NJDEP Comments)	Form 1... Form 5... Form 7, Q3, Q6, Q7... Form 9 (1 of 2), Q5, Q6, Q9, Q10, Q12... Form 9 (1 of 2), Q11, Q14	- Individual(s) Responsible for Major Development Project Stormwater Management Review Staff Update: James Sia, PE from ARH Associates - Other Municipal Stormwater Team Members Update: George Moore, Director of Public Works; Kim Johnson, Director of Administration; Tiffany Stanley, Deputy Municipal Clerk - Updates required from NJDEP review.

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

1. Provide the link to the dedicated stormwater webpage for your municipality.
https://mullicatownship.org/departments/public-works/stormwater-management/
2. List the name and title of person(s) responsible for stormwater webpage postings/updates.
<i>Monica Newton, Municipal Clerk</i>
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.
<ul style="list-style-type: none">- <i>Stormwater Brochure posted on the Township's website, see link above.</i>- <i>Public meetings for adoption of ordinances and stormwater related items; see link for meeting schedule: https://mullicatownship.org/township-committee/</i>- <i>Moving forward, Mullica Community Day is an opportunity to outreach and educate the public on stormwater pollution prevention.</i>

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.

Mullica Township Ordinance Section 200-7:

- *Any division of land into five or more lots; any construction or expansion of any housing development of five or more dwelling units; any construction or expansion of any commercial or industrial use or structure on a site of more than three acres; or any development, grading, clearing or disturbance of an area in excess of 5,000 square feet. Disturbance, for the purpose of this chapter, is the placement of impervious surface or exposure and/or movement of soil or bedrock or clearing, cutting or removing of vegetation. Excludes single-family dwellings.*

Note:

Mullica Township is in the process of adopting ordinances to comply with the N.J.A.C. 7:8 and the Pinelands Comprehensive Management Plan (Plan).

The N.J.A.C. 7:8 definition is provided below:

- *“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.”*

The Pinelands Comprehensive Management Plan (Plan) definition is provided below:

- *"Development, major" means any division of land into five or more lots; any construction or expansion of any housing development of five or more dwelling units; any construction or expansion of any commercial or industrial use or structure on a site of more than three acres; or any grading, clearing or disturbance of an area in excess of 5,000 square feet.*

<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.</p>
<ul style="list-style-type: none"> - <i>Mullica Township is in the process of adopting a stormwater control ordinance (SCO) to comply with recent N.J.A.C. 7:8 and Pinelands Comprehensive Management Plan (CMP).</i> - <i>The Pinelands CMP compliant SCO is more stringent than the NJDEP N.J.A.C. 7:8 definition of major development, in particular any grading, clearing or disturbance of an area in excess of 5,000 square feet.</i>
<p>3. Describe the process for reviewing major development project applications for compliance with the SCO and Residential Site Improvement Standards (RSIS).</p>
<ul style="list-style-type: none"> - <i>Municipal capital improvement projects are undertaken through the Township Engineer's office. The Township Engineer ensures that stormwater aspects of the municipal projects conform with the municipal stormwater ordinance for all projects.</i> - <i>For non-municipal projects, the Township of Mullica ensures that all new residential development and redevelopment projects that are subject to the Residential Site Improvement Standards (RSIS) are in compliance with those standards. This includes compliance with the NJDEP Stormwater Management rules N.J.A.C. 7:8, which are referenced under the RSIS. The planning and zoning boards also ensure compliance before granting any approval under the jurisdiction of the Municipal Land Use Law.</i>
<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>
<ul style="list-style-type: none"> - <i>Mullica Township to contract with engineer to prepare Municipal Stormwater Management Plan</i> - <i>Records location: Municipal Complex, 4528 S White Horse Pike, Elwood, NJ 08217</i>
<p>5. Indicate the dates of each iteration of the township's Stormwater Control Ordinance, starting with the initial adoption and including revisions.</p>
<ul style="list-style-type: none"> - <i>03-28-2006 – Adoption date; Ordinance No. 7-2006</i> - <i>12-12-2006 – Amendment in entirety date; Ordinance No. 15-2006</i> - <i>05-23-2023 – Revision date; Ordinance No 7-2023</i> - <i>06-25-2024 – To include Articles II, III, and IV; Ordinance No. 10-2024</i> - <i>08-27-2024 – Adoption date; Ordinance No. 16-2024</i>

6. Indicate the dates of each iteration of the township's Municipal Stormwater Management Plan, starting with the initial adoption and including revisions.
<p><i>Is there a Municipal Stormwater Management Plan in place?</i></p> <ul style="list-style-type: none"> - <i>April 6, 2005 - Planning Board of the Township of Mullica adoption date of Stormwater Management Plan.</i> - <i>November 1, 2006 - minor amendments</i> - <i>December 5, 2007 - minor amendments</i>

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	6/25/2024	Yes	Zoning Official and Police Dept.	\$2000
2. Wildlife Feeding	6/25/2024	Yes	Zoning Official and Police Dept.	\$2000
3. Litter Control	6/25/2024	Yes	Zoning Official and Police Dept.	\$2000
4. Improper Disposal of Waste	6/25/2024	Yes	Zoning Official and Police Dept.	\$2000
5. Yard Waste	6/25/2024	Yes	Zoning Official and Police Dept.	\$2000
6. Private Storm Drain Inlet Retrofitting	6/25/2024	Yes	Zoning Official and Police Dept.	\$1250
7. Illicit Connections	6/25/2024	Yes	Zoning Official and Police Dept.	\$1250
8. Privately-Owned Salt Storage	6/25/2024	Yes	Zoning Official and Police Dept.	\$500
9. Tree Removal-Replacement	6/25/2024	No. It is less stringent. <i>Mullica Ordinance: Within a five-year period, any person who removes one or more street tree(s) as defined herein, with a DBH of 4" or more,....</i>	Zoning Official and Police Dept.	\$2000
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.				
N/A				
Indicate the location of records associated with ordinances and related violations and enforcement actions below.				
Municipal Complex, 4528 S White Horse Pike, Elwood, NJ 08217				

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.

- *May 2024 - Mullica Township is in discussion to contract street sweeping with Atlantic County as a shared service.*
- *Generally, Nine (9) residential development areas contain storm drain inlets and would be candidates for street sweeping.*
- *Mullica Township will contract with ARH Associates regarding coordination with Atlantic County to develop a street sweeping map and continually pursue a shared service for street sweeping.*

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

- *May 2024 - Mullica Township in discussion to contract street sweeping with Atlantic County as a shared service.*

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 Public Works crew conducts drive-by inspections of the storm drain inlets and open conveyances at which time they inspect the condition of the labels on storm drain inlets. Currently, the inlets contain “buttons” with labels such as “No Dumping – Drains to River” or “Only Rain Down the Storm Drain.” If any buttons need to be replaced, the Public Works crew will make the repair as needed at that time or will schedule follow up work with the Public Works supervisor.*

A labeling system to provide each inlet with a unique (alpha) numeric identifier is under discussion.

- b. *For municipal, if, during repaving, repairing, reconstruction or alteration projects completed on Township roads, any storm drain inlets found that do not meet the current standards are replaced as part of the project. For private, as a part of the Site Plan application process, the Planning Board Engineer reviews the plans to ensure required retrofits are incorporated into the plans. The Planning Board Engineer, Township Engineer and/or Code Enforcement as appropriate ensure retrofitting of the inlets are in compliance with the approved plans. If any are located along township roads or properties and are in areas that are known to have been repaved, they are identified by the staff for follow-up for retrofitting and the responsible entity is notified if it is a private entity. All curb inlets are required to be retrofitted by 12/31/2027 and the Township will work to ensure this milestone is met.*
- c. *The Township Engineer reviews the plans for local road projects, and the Planning Board Engineer reviews the plans for major developments to verify that a catch basin or a type of BMP is proposed to capture solids is included with, or downstream of, the affected storm drain inlets.*
- d. *Public Works crews conduct inspections of all storm drains a minimum of twice per year as they drive the roads of the township. The Public Works crew will either decide to stop then to remove any debris off the inlet grate and surrounding area and load the debris into their trucks for proper disposal or make a note of the location to return to conduct the cleaning within 1 week. Areas that clog and flood often during storms are inspected more regularly and prior to large, forecasted storms, and cleaned if necessary. Mullica contracts with a video inspection and cleaning company, Mobile Dredging and Video Pipe.*

<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>a. <i>A catch basin cleaning program has been implemented where all catch basins are inspected and cleaned once a 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 are found to be "clean" the previous year. At the time of cleaning, the catch basins will also be inspected for proper function. Maintenance will be scheduled for those catch basins that are found to be in disrepair.</i></p> <p>b. <i>Public Works staff are trained to check for debris collected in the catch basin. All catch basins that are one-third or more full are scheduled for clean-out by a vacuum truck contractor within one month of inspection. Additionally, catch basins that are in areas of recent flooding complaints are inspected within 1 week of the complaint. The Township also refers to previous records and puts those catch basins that have been noted as needing frequent cleaning on a more frequent inspection schedule.</i></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><i>As with the procedure for inspecting storm drain inlets, Public Works staff drive the roads of the town for various activities and check the conditions of ditches and swales. If there is noticeable trash or debris interfering with stormwater flow, the staff is required to clean up the debris immediately, but no later than 1 week. Mullica contracts with a video inspection and cleaning company, Mobile Dredging and Video Pipe, for a more extensive cleaning of inlets and pipe conveyances. Inspections occurs monthly, and regular cleanings are scheduled twice a year.</i></p> <p><i>If it appears that any ditches or swales need to be cleared, they will be added to the maintenance schedule to be completed as soon as possible, but no later than within 3 months of the inspection. Additionally, conveyance systems that are downstream of areas with recent flooding complaints are inspected within 1 week of the complaint. Inspections are logged and moving forward can be recorded on standard Outfall Inspection Forms when Public Works inspects those outfalls for Stream Scouring and Illicit Discharges.</i></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><i>Mullica Township owns and operates 4 total outfalls (5th Street, 7th Street, New Hampshire Avenue, and Venice Avenue). Each year, all 4 outfalls and surrounding areas are inspected for scouring. If scouring is detected, we complete the Stream Scouring Investigation Recordkeeping Form. Any time we identify a new outfall (due to expansion or a change to our conveyance</i></p>

system or one that has not been inventoried before), the Township inspects and check for scouring within 30 days of identification.

In cases where stream scouring is detected, the Township will attempt to trace back to the source within 3 months. If a source is identified, the Township would take corrective action if it relates to a 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. Additionally, outfalls are inspected within 1 week of any complaints. All identified scour problems will be evaluated and prioritized for remediation as soon as possible. If remediation cannot be completed within twelve months, a schedule will be submitted to the MS4 case manager prior to the twelve-month deadline. All restoration shall be made in accordance with the Soil Erosion and Sediment Control Standards in New Storm and the requirements for bank stabilization and channel restoration found at N.J.A.C. 7:13, as per our Tier A permit requirements. Prioritization of repairs will be based in part upon extent of scour, potential safety threat, and need for NJDEP permit(s).

All pertinent repair records including the date, location, type of repair, and copies of all applicable NJDEP permits will be kept at the Municipal Complex (Public Works Garage). Past repairs will be inspected annually to ensure scouring does not persist. Appropriate repairs will be made at those outfall locations where such resumption has occurred.

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.

Mullica Township has 4 total outfalls (5th Street, 7th Street, New Hampshire Avenue, and Venice Avenue). Each year, all 4 outfalls and surrounding areas are inspected. The Township checks for dry weather discharges (72 hours after a rain event), intermittent non-stormwater flow, and discoloration or inappropriate debris (such as toilet paper) in and immediately downstream of the outfall. If complaints are reported or if any outfalls are found to have a suspected illicit discharge, we reinspect within 1 week 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 3 months. We fill out and submit the NJDEP Illicit Connection Inspection Report Forms for each suspected illicit discharge to submit with our Annual Report. 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 we are 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. Any time we identify a new outfall (due to expansion or a change to our conveyance system or one we hadn't inventoried before), we inspect it and check it for illicit discharge within 30 days of identification. Article II of Ch. 200 Stormwater Management of the Township of Mullica

provides additional information. This is primarily enforced by the Code Enforcement Office and the police department and/or other designated municipal officials of the Township of Mullica.

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.

Infiltration basins:

NJDEP has performed inspections of Mullica Township infiltration basins.

Routine maintenance including grass cutting and cleanout of debris are performed by the Township according to maintenance plans, typically performed once per quarter or on an as needed basis depending on findings during preventive inspections.

- *White Oak Circle Basin, Block 8905 Lot 15*
- *Recreation Fields Basins (2)*

Ditches:

- *5th Street, 7th Street, New Hampshire Avenue*

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.

Township Code Enforcement Officers are responsible for inspecting private facilities to ensure the proper cleaning, operation, and maintenance of stormwater facilities not owned or operated by the municipality. A log is kept at the Code Enforcement Office to track and verify compliance of these private facilities. Due to the limited number of private facilities, the Township applies similar approach to enforcement.

The Township may issue letters to owners of private facilities requesting certification that their basins are maintained annually. A fine will be employed for non-compliance to their maintenance plan.

Stormwater infrastructure exists at the Mullica Township School (BOE), Jeans Court (HOA)

8. Infrastructure Records

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

Municipal Complex, 4528 S White Horse Pike, Elwood, NJ 08217 (Public Works Garage)

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.
<i>Mullica Township does not apply herbicides. We do all de-vegetation by mowing or clipping and have not experienced erosion because of this practice.</i>
2. Excess Deicing Material Management Describe your program for ensuring that excess salt piles are removed in a timely manner after storm events.
<i>Mullica Township's Public Works staff are trained to shovel up excess salt piles that remain on roadways and parking areas within three days (72 hours) after the storm is over, conditions permitting. The salt is collected in a covered trash bin on the truck, and the salt is reused during the next storm. Mullica Township has a salt storage building at its yard at the municipal complex located at 4528 S White Horse Pike, Elwood, NJ 08217.</i>
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.).
<i>Public Works staff use mower bags to collect grass clippings in most areas. Clippings are dumped on an impervious surface temporarily at the Transfer Station maintenance yard and covered. Tree branches that result from trimming activities are also collected and brought back to the maintenance yard. These materials are moved off site to the county every month. For instances where mower bags are not used, Public Works staff are instructed to mow those areas so that they can direct the exit chute from the mower back onto the grass itself, and not out into the street, parking areas or area near a storm drain inlet, etc.</i>
4. Roadside Erosion Control Describe your program to detect and repair erosion along municipal roadways.
<i>As Public Works staff perform annual storm drain inlet inspections as noted above, they also check for erosion of shoulders, embankments, ditches, and soils along roads. If they notice any such erosion or sedimentation collecting in areas, including in the waters near the road, they log it in the maintenance schedule and fix the issue within three months. We either plant vegetation or use other methods, such as riprap in areas prone to erosion along roads to promote soil stabilization as described in the Standards for Soil Erosion and Sediment Control. We will contact our MS4 Case Manager for guidance for cases where planting will not remedy this issue.</i>

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

1. Site Name and Address	
Municipal Complex 4528 S White Horse Pike, Elwood, NJ 08217	
2. Monthly Site Inspections Describe the nature of inspections conducted at this site and the location of inspection logs.	
Daily inspections are conducted by Public Works crew during daily operations. A trained Public Works crew member walks the whole site at least once each month to ensure that all materials and machinery stored outside are stored in such a way that minimizes exposure to stormwater, ensuring the materials are on impervious surfaces as required, and completely covered. Remedial actions taken during inspection, as well as those that are still needed, are noted in the inspection log. Follow-up actions are scheduled for completion within one week. Specifically, we check if outdoor containers are covered and placed on spill platforms or clean pallets and labels are in good condition. We check that spill kits are accessible near liquid transfer areas. We check if bulk liquids are protected with secondary containment and that all accessories (hoses, valves, etc.) are in good condition and within the containment area. We check that all outdoor refuse containers and dumpsters are always covered. We keep all inspection records in the Public Works Garage of the Municipal Complex.	
NJDEP typically does inspection once per permit cycle.	
3. Inventory List List all materials and machinery that are potentially exposed to stormwater.	
Materials	Machinery/Equipment
Scrap tires – disposed of immediately; not collected	Backhoe (stored at fire house)
	Fuel tank
	Brine 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.	
Storage tanks and the fuel facility is inspected by NJDEP each year. Mullica contracts with a video inspection and cleaning company, Mobile Dredging and Video Pipe, and are to be discharged at the basin located at White Oak circle. A Shop Vac is used for any minor discharges not suspected of contamination.	

<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><i>Almost all fueling occurs at off-site gas stations. Very minimal fueling occurs onsite inside of the garage. If spills were to occur, a spill kit is located onsite.</i></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><i>Major repairs are outsourced to local repair shops. Minor repairs are handled on site and indoors only.</i></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><i>Mullica Township has an agreement for vehicle washing with Al & Rich's Automatic Car Wash located 90 N. Whitehorse Pike, Hammonton, NJ 08317. Receipts are kept to maintain records for vehicle washing.</i></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><i>Road salt is stored year-round in a permanent pole barn structure with a high garage door entrance. Materials are pushed back away from the entrance and into the structure, so precipitation does not reach the materials. Staff responsible for loading/unloading road salt from the structure to spreaders are required to sweep spilled salt back into the main salt pile daily to minimize tracking of materials.</i></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><i>N/A (see Form 9 for Transfer Station)</i></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><i>N/A (see Form 9 for Transfer Station)</i></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><i>No. Street sweepings and storm sewer cleanout materials are handled by the ACUA in coordination with Mullica Township.</i></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><i>No. These materials are handled by the ACUA.</i></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><i>No. These materials are handled by the ACUA.</i></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><i>No more than 3 vehicles, typically police vehicles, are stored on site and we utilize drip pans and tarps to prevent stormwater run-on or run-off. Any equipment or vehicles that are stored are also inspected monthly. Mullica Township conducts an annual auction for these vehicles to dispose of them.</i></p>

Form 9 – Municipal Maintenance Yards & Other Ancillary Operations

Part IV.F.5.

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

1. Site Name and Address	
<i>Transfer Station Weekstown Road, NJ 08217</i>	
2. Monthly Site Inspections	
Describe the nature of inspections conducted at this site and the location of inspection logs.	
<i>Daily inspections are conducted by the Public Works crew during daily operations. A trained Public Works crew member walks the whole site at least once each month to ensure that all materials and machinery stored outside are stored in such a way that minimizes exposure to stormwater, ensuring the materials are on impervious surfaces as required, and completely covered. Remedial actions taken during inspection, as well as those that are still needed, are noted in the inspection log. Follow-up actions are scheduled for completion within one week. We check if outdoor containers are covered and placed on spill platforms or clean pallets and labels are in good condition. We check that spill kits are accessible near liquid transfer areas. We check if bulk liquids are protected with secondary containment and that all accessories (hoses, valves, etc.) are in good condition and within the containment area. We check that all outdoor refuse containers and dumpsters are always covered. We keep all inspection records in the Public Works Garage at the Municipal Complex.</i>	
<i>NJDEP conducts an annual inspection of the facility.</i>	
3. Inventory List	
List all materials and machinery that are potentially exposed to stormwater.	
Materials	Machinery/Equipment
<i>Catch basin cleanout materials</i>	<i>Waste oil tank</i>
<i>Temporary storage of leaves</i>	<i>Lawn mowers</i>
<i>Temporary storage of grass clippings</i>	
<i>Cold Patch</i>	
4. Discharge of Stormwater from Secondary Containment	
Describe the process in place for discharging stormwater from secondary containment areas where outdoor containers are stored.	
<i>Storage tanks and the fuel facility is inspected by NJDEP each year. Mullica contracts with a video inspection and cleaning company, Mobile Dredging and Video Pipe, and are to be discharged at the basin located at White Oak circle. A Shop Vac is used for any minor discharges not suspected of contamination.</i>	
5. Fueling Operations	
Does fueling occur on site? If so, describe the BMPs in place to minimize contamination of	

<p>stormwater from fueling activities. If not, explain where fueling takes place.</p> <p><i>Almost all fueling occurs at off-site gas stations. Minimal fueling occurs on-site and occurs inside of garage with handheld containers. If spill were to occur, a spill kit is located on site.</i></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><i>Major repairs are outsourced to local repair shops. Minor repairs are handled on site and indoors only.</i></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><i>No.</i></p> <p><i>Mullica Township has an agreement for vehicle washing with Al & Rich's Automatic Car Wash located 90 N. Whitehorse Pike, Hammonton, NJ 08317.</i></p> <p><i>Receipts are kept to maintain records for vehicle washing.</i></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><i>N/A (see Form 9 for Municipal Complex)</i></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><i>A minimal amount of wood chips is kept on site. These materials are chipped on site and are stored away from drainage in a free pile.</i></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><i>Cold patch is covered with a waterproof material on a concrete pad to minimize contamination of stormwater</i></p>

<p>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.</p>
<p><i>No. Street sweepings and storm sewer cleanout materials are handled by the ACUA in coordination with Mullica Township.</i></p>
<p>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.</p>
<p><i>No. These materials are handled by the ACUA.</i></p>
<p>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.</p>
<p><i>No. These materials are handled by the ACUA.</i></p>
<p>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.</p>
<p><i>N/A (see Form 9, Municipal Complex)</i></p>

Form 10 – Training

Part IV.F.6-10.

Stormwater Program Coordinators
Describe the training provided for the municipal Stormwater Program Coordinator.
<i>The Stormwater Program Coordinator (SPC) for Mullica Township attends NJDEP training every permit cycle. Training covers the SPC responsibilities, permit conditions, annual reporting, and required submissions and documentation.</i>
<i>A stormwater management rule video series is available on the NJDEP website for those involved in stormwater management planning, design, and review:</i>
<u>https://dep.nj.gov/stormwater/stormwater-training/#reviewers-training</u>

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><i>Mullica Township trains staff whose job duties support the stormwater program. Training on the site-specific details in the SPPP, review MS4 permit requirements, and record-keeping is conducted annually via combined in-person/virtual training. This and all these training modules listed below are also recorded and made available for informational purposes for staff to re-review certain material presented, and for any absent or new staff, or staff that takes on new responsibilities prior to the next training session.</i></p> <p><u>https://dep.nj.gov/stormwater/stormwater-training/#municipal-boards-and-governing-body-training</u></p>
Construction Site Stormwater Runoff	<p><i>Staff responsible for inspections of construction projects that disturb one acre of soil or more, are trained annually on related MS4 permit conditions. Property owners must obtain a 5G3 permit from NJDEP prior to commencement of construction activities and must comply with their approved soil erosion and sediment control plan.</i></p> <p><u>https://dep.nj.gov/stormwater/stormwater-training/#dpw-training</u></p>
Post-Construction Stormwater Management in New and Redevelopment	<p><i>Staff responsible for implementing stormwater permit requirements receive an annual review of the fundamentals of the municipality's postconstruction stormwater management program to address stormwater runoff. Training explains the municipality's definition of major development and the interconnection among the Stormwater Management rules at N.J.A.C. 7:8, the Storm Township SCO, stormwater permit conditions, the Department's BMP Manual, and Guidance Documents.</i></p>

	<p><i>For example, we identify where the Department's maintenance guidance is available on the website for Public Works staff reference when an approved maintenance plan does not exist.</i></p> <p><u>https://dep.nj.gov/stormwater/stormwater-training/#reviewers-training</u></p>
Community-wide Ordinances	<p><i>Staff responsible for approving and/or enforcing stormwater-related ordinances receive annual training or as required on related MS4 permit conditions and to review the purpose of each ordinance and what steps to take if violations are reported.</i></p> <p><u>https://dep.nj.gov/stormwater/stormwater-training/#municipal-boards-and-governing-body-training</u></p>
Community-wide Measures	<p><i>Staff responsible for conducting activities associated with communitywide stormwater management measures attend annual training to discuss the MS4 permit requirements and town specific measures employed to comply with the street sweeping, storm drain inlets (labeling, retrofitting, and installations), herbicide application, de-icing operations, roadside vegetative waste, and roadside erosion control requirements. Information is also presented regarding current best management practices, safety equipment and procedures, frequency of activities, and proper documentation of work.</i></p> <p><u>https://dep.nj.gov/stormwater/stormwater-training/#municipal-boards-and-governing-body-training</u></p>
Stormwater Facilities Maintenance	<p><i>Staff responsible for conducting activities associated with inspections, maintenance and repair of stormwater infrastructure attend annual training on the MS4 related permit requirements. This training details what infrastructure is to be maintained according to approved manufacturers' maintenance plans, versus the remaining infrastructure that is to be maintained according to the NJDEP's BMP Manual. Training also includes requirements for current BMPs, safety equipment and procedures, frequency of activities, and proper documentation of work. All types of stormwater infrastructure in the Township are addressed in the training, which includes but is not limited to storm drain inlets, catch basins, piped and open swale MS4 conveyances, stormwater infiltration basins, and manufactured treatment devices.</i></p> <p><u>https://dep.nj.gov/stormwater/stormwater-training/#dpw-training</u></p>
Municipal Maintenance Yards and Other Ancillary Operations	<p><i>Staff responsible for conducting activities associated with our municipal maintenance yard and salt yard attend annual training to discuss related MS4 permit conditions, current best management practices, safety equipment and procedures, frequency of activities, and proper documentation of work.</i></p>

	https://dep.nj.gov/stormwater/stormwater-training/#dpw-training
MS4 Mapping	<i>ARH Associates is contracted to provide MS4 Mapping and attends annual training to review MS4 permit requirements for electronic mapping.</i>
Outfall Stream Scouring	<p><i>Staff responsible for conducting inspections and repairs of stormwater outfalls attend annual training to discuss how to identify, remediate, and document cases of stream scouring as described in the MS4 permit. Training also includes current best management practices, safety equipment and procedures, frequency of activities, and proper documentation of work.</i></p> <p>https://dep.nj.gov/stormwater/stormwater-training/#dpw-training</p>
Illicit Discharge Detection and Elimination	<p><i>Staff responsible for conducting inspections and repairs of stormwater outfalls attend annual training to discuss how to identify, remediate, and document cases of illicit discharge as described in the MS4 permit. Training also includes current best management practices, safety equipment and procedures, frequency of activities, and proper documentation of work.</i></p> <p>https://dep.nj.gov/stormwater/stormwater-training/#dpw-training</p>

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

Municipal Board and Governing Body Members
Describe the training provided for members of the planning/zoning board and municipal council.
<p><i>Within 6 months of joining town council or the planning or zoning board, each member is required under the MS4 permit to watch the NJDEP video titled, Asking the Right Questions in Stormwater Review https://nj.gov/dep/stormwater/asking_the_right_questions.html.</i></p> <p><i>Each term thereafter, members are required to watch another NJDEP video from the choices provided on the stormwater training webpage: Stormwater Management Rules Applicability https://nj.gov/dep/stormwater/training.htm</i></p> <p><i>Stormwater Management Rules Planning https://nj.gov/dep/stormwater/training.htm</i></p> <p><i>Stormwater Management Rules Design & Performance https://nj.gov/dep/stormwater/training.htm</i></p> <p><i>Stormwater Management Rules Safety https://nj.gov/dep/stormwater/training.htm</i></p> <p><i>Stormwater Management Through General Permit for MS4s https://nj.gov/dep/stormwater/training.htm</i></p>

Training Records
Indicate the location of training records for the above required training.
<i>Logs of all training including the type of training, date conducted, attendees and trainers are kept in the municipal clerk's office.</i>

Form 11 – MS4 Mapping

Part IV.G.1.

1. Provide a link to the most current MS4 outfall/infrastructure map.	
<p>ARH Associates is contracted to update tax maps for Mullica Township, and is contracted to develop the MS4 Mapping. Upon completion, the below link will contain a section for MS4 Mapping and will be updated as needed:</p> <p style="text-align: center;"><u>https://mullicatownship.org/departments/public-works/stormwater-management/</u></p>	
2. Indicate the total of each type of MS4 infrastructure listed below (due 01 Jan 2026).	
a. MS4 outfalls	<i>To be confirmed</i>
b. MS4 ground water discharge points (basins or overland flow infiltration areas)	<i>To be confirmed</i>
c. MS4 interconnections	<i>To be confirmed</i>
d. MS4 storm drain inlets	<i>To be confirmed</i>
e. MS4 manholes	<i>To be confirmed</i>
f. Length of conveyance (channels, pipes, ditches, etc.)	<i>To be confirmed</i>
g. MS4 pump stations	<i>To be confirmed</i>
h. MS4 stormwater facilities (any that are not listed above)	<i>To be confirmed</i>
i. Maintenance yard(s) and other ancillary operations	2
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><i>The outfall/infrastructure map is currently under development. Upon completion, the following process will be followed:</i></p> <p><i>Public Works will coordinate with the Township Engineer every November to discuss any new major development projects happening around town throughout the year. All infrastructure being built for those projects are then mapped by ARH Associates, and the corresponding data is submitted to our MS4 Case Manager.</i></p>	
4. Describe how the municipality will create and update its MS4 Infrastructure Map.	
<p><i>We plan to continue working with ARH Associates to complete the MS4 Infrastructure Map. Their staff will work with our Public Works staff to locate and map all stormwater infrastructure around town until all infrastructure is mapped. ARH Associates will then convert all data into Shape files and submit to our MS4 Case Manager before the mapping deadline of 01 Jan 2026.</i></p>	

Form 12 – Watershed Improvement Plan

Part IV.H.

<p>1. Describe how your municipality is developing its Watershed Improvement Plan.</p> <p><i>Mullica Township is gathering data to meet the requirements for the phase 1, Watershed Inventory Report, which is due and will be posted on our stormwater webpage by 01/01/2026.</i></p> <p><i>Mullica Township is coordinating with the Extension Specialist in Water Resources at Rutgers Cooperative Extension Water Resources Program, who is currently developing the Watershed Improvement Plan for Hammonton Creek,, a portion of which is contained in Mullica Township.</i></p> <p><i>Discussion is in progress to schedule public outreach and education sessions in coordination with Mullica Township community events.</i></p>
<p>2. Describe any regional projects or collaboration efforts with other municipalities.</p> <p><i>Mullica Township is coordinating with the Extension Specialist in Water Resources at Rutgers Cooperative Extension Water Resources Program, who is currently developing the Watershed Improvement Plan for Hammonton Creek, a portion of which is contained in Mullica Township.</i></p>
<p>3. Indicate the location of records related to all public information sessions and meetings for discussions of the Watershed Improvement Plan.</p> <p><i>Logs of all comments received during public information sessions and minutes from meetings will be kept in the municipal clerk's office.</i></p>