

Stormwater Pollution Prevention Plan

Township of Mullica

County of Atlantic

(Permit Number(NJG____))

Annual Review Date: (Date)

Stormwater Program Coordinator: Chuck Gras, Public Works Superintendent

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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	609-561-0482 x3115	Email	bprohowich@arh-us.com
Individual(s) Responsible for Major Development Project Stormwater Management Review			
Name and Title		<i>Brian M. Prohowich, PE, CME, CPWM - ARH Associates</i>	
Phone	609-561-0482 x3115	Email	bprohowich@arh-us.com
Name and Title		<i>Deborah Wahl, PE, PE, CME - Doran Engineering</i>	
Phone	(609) 646-3111	Email	wahl.doran7@gmail.com
Other Municipal Stormwater Team Members			
Name and Title		<i>Krystel Arana, Municipal Clerk</i>	
Phone	(609) 561-7070 x115	Email	karana@MullicaTownship.org
Name and Title		<i>Chuck Gras, Public Work Superintendent</i>	
Phone	(609) 561-7070 x129	Email	cgras@MullicaTownship.org
Name and Title		<i>Ralph Condo, Township Administrator</i>	
Phone	(609) 561-0064 x114	Email	TwpAdminstrator@MullicaTownship.org
Name and Title		<i>Dawn Stollenwerk, Chief Financial Officer</i>	
Phone	(609) 561-7070 x111	Email	dstollenwerk@MullicaTownship.org
Name and Title		<i>Kayla Veltman, Deputy Municipal Clerk</i>	
Phone	(609) 561-7070 x110	Email	kveltman@MullicaTownship.org
Shared/Contracted Service Providers			
Provider Name	Service Provided	Term of Service	

Form 2 – Revision History

Revision Date	Form # Changed	Reason for Revision (Updates to staff, policy, webpage, etc.)
		<i>New SPPP - Reassignment from Tier B to Tier A Permit. INITIAL SUBMISSION</i>

Form 3 – Public Announcements

Part IV.B. and C.

1. Provide the link to the dedicated stormwater webpage for your municipality.
<i>https://mullicatownship.org/departments/public-works/stormwater-management/</i>
2. List the name and title of person(s) responsible for stormwater webpage postings/updates.
<i>Krystel Arana, 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 to 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 ordinances (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>
<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>

Is there a Municipal Stormwater Management Plan in place?

- *April 6, 2005 - Planning Board of the Township of Mullica adoption date of Stormwater Management Plan.*
- *November 1, 2006 - minor amendments*
- *December 5, 2007 - minor amendments*

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	<i>Ordinance read</i>			\$ ____
2. Wildlife Feeding	<i>Ordinance 1st Reading – 5/21/2024</i>			\$ ____
3. Litter Control				\$ ____
4. Improper Disposal of Waste				\$ ____
5. Yard Waste				\$ ____
6. Private Storm Drain Inlet Retrofitting				\$ ____
7. Illicit Connections				\$ ____
8. Privately-Owned Salt Storage	<i>Ordinance 1st Reading – 5/21/2024</i>	Yes		\$ ____
9. Tree Removal-Replacement	<i>Ordinance 1st Reading – 5/21/2024</i>		Code Enforcement	\$ ____
List any additional stormwater-related ordinances the municipality has adopted that address issues beyond the scope of the MS4 permit. Include adoption date, entity responsible for enforcement, and related fees and fines.				
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 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 can contract with ARH Associates in coordination with Atlantic County to develop a street sweeping map.*

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 and will be coordinated with the Stormwater Inlet Inventory and Mapping currently under contract in 2024.

- 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 is in compliance with the approved plans.*
- c. *The Township Engineer checks the plans for road projects and the Planning Board Engineer checks the plans major developments to verify that a catch basin or some sort of BMP 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.*

2. Municipal Catch Basins

- a. Describe when and how you conduct inspections of catch basins.
- b. Describe the criteria used to determine when catch basins need to be cleaned.

- a. *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.*
- b. *DPW staff are trained to check for debris collected in the catch basin. All catch basins that are 40% 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.*

3. Municipal Conveyance System

Describe when and how inspections of MS4 conveyance systems are conducted, and the criteria used to determine when they need to be cleaned. Include a description of the equipment and techniques used.

As with the procedure for inspecting storm drain inlets, Public Works staff drive the roads of the town for various activities and also 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 preferably immediately, but no later than 1 week. Mullica contracts with a video inspection and cleaning company, Mobile Dredging and Video Pip for more extensive cleaning of inlets and pipe conveyances.

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. Inspection 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.

4. Municipal Outfall Inspections – Stream Scouring

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.

Mullica Township has outfalls in its stormwater system.

Mullica contracts out the work to control any stream scouring detected. The 7th Street lagoons was on such project that was contracted out in 2023.

Outfalls are inspected within 1 week of any complaints.

Moving forward, Mullica will have the Stream Scouring Investigation Recordkeeping Form completed, for any scouring detected. Any new outfalls detected in the system (due to expansion or a change to our conveyance system or one we hadn't inventoried before), it will be inspected, and checked for scouring within 30 days of identification.

All records are to be kept at the Municipal Complex.

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 [redacted] outfalls in its stormwater system.

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.

NJDEP has performed inspections of Mullica Township retentions basins.

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.

Stormwater infrastructure exists at the school, James Court, recreation fields, [redacted]

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

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 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 compost facility 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. Site Name and Address	
<i>Municipal Complex, 4528 S White Horse Pike, Elwood, NJ 08217</i>	
2. Monthly Site Inspections	
Describe the nature of inspections conducted at this site and the location of inspection logs.	
<p><i>Daily inspections are conducted by DPW crew during daily operations. A trained DPW 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 DPW office.</i></p> <p><i>NJDEP does annual inspection of site.</i></p>	
3. Inventory List	
List all materials and machinery that are potentially exposed to stormwater.	
Materials	Machinery/Equipment
<i>Cold patch</i>	<i>Backhoe</i>
<i>Scrap tires</i>	<i>Lawn mowers</i>
	<i>Fuel tank</i>
	<i>Brine tank</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.	

Is there secondary containment for any of the storage tanks or the fuel facility?

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.

*Most fueling occurs at off-site gas stations.
Minimal fueling occurs on-site.*

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.

Major repairs are outsourced to local repair shops. Minor repairs are handled on site.

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.

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.

Note, there is a vehicle washing boom at the main gate into the yard.

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.

Road salt is stored year-round in a permanent pole barn structure with a 15' 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.

9. Aggregate Material, Wood Chips, and Finished Leaf Compost

Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.

These materials are stored on-site or at the Transfer Station.

<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 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>Mullica Township conducts an annual auction. No more than 3 vehicles, typically police vehicles, are stored on site.</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: _____

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.	
<p><i>Daily inspections are conducted by DPW crew during daily operations. A trained DPW 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 DPW office.</i></p> <p><i>NJDEP conducts an annual inspection of the facility.</i></p>	
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>Temporary storage of grass clippings</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.	

Is there secondary containment for any of the storage tanks or the fuel facility?

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.

No fueling occurs on-site

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.

Major repairs are outsourced to local repair shops. Minor repairs are handled on site.

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.

No.

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.

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.

N/A (see Form 9 for Municipal Complex)

9. Aggregate Material, Wood Chips, and Finished Leaf Compost

Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.

These materials are stored on-site or at the Municipal Complex.

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.

Cold patch is covered on a concrete pad to minimize contamination of stormwater

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.

No. Street sweepings and storm sewer cleanout materials are handled by the ACUA in coordination with Mullica Township.

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.

No. These materials are handled by the ACUA.

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.

No. These materials are handled by the ACUA.

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.

Mullica Township conducts an annual auction. No more than 3 vehicles, typically police vehicles, are stored at the municipal complex. (see From 9, Municipal Complex)

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>
<i>https://dep.nj.gov/stormwater/stormwater-training/#reviewers-training</i>

Topic	Municipal Employees Examples: in-person or virtual group sessions, e-Learning, field trainings, and videos
	Describe the training provided for municipal staff.
SPPP	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.
Construction Site Stormwater Runoff	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.
Post-Construction Stormwater Management in New and Redevelopment	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. For example, we identify where the Department's maintenance guidance is available on the website for DPW staff reference when an approved maintenance plan does not exist.
Community-wide Ordinances	Staff responsible for approving and/or enforcing stormwater-related ordinances receive annual training on related MS4 permit conditions and

	<i>to review the purpose of each ordinance and what steps to take if violations are reported.</i>
Community-wide Measures	<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>
Stormwater Facilities Maintenance	<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>
Municipal Maintenance Yards and Other Ancillary Operations	<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>
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	<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>
Illicit Discharge Detection and Elimination	<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.</i>

	<i>Training also includes current best management practices, safety equipment and procedures, frequency of activities, and proper documentation of work.</i>
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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.
<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>
<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>
<i>Stormwater Management Rules Planning https://nj.gov/dep/stormwater/training.htm</i>
<i>Stormwater Management Rules Design & Performance https://nj.gov/dep/stormwater/training.htm</i>
<i>Stormwater Management Rules Safety https://nj.gov/dep/stormwater/training.htm</i>
<i>Stormwater Management Through General Permit for MS4s https://nj.gov/dep/stormwater/training.htm</i>

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	<i>To be confirmed</i>
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 DPW 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>