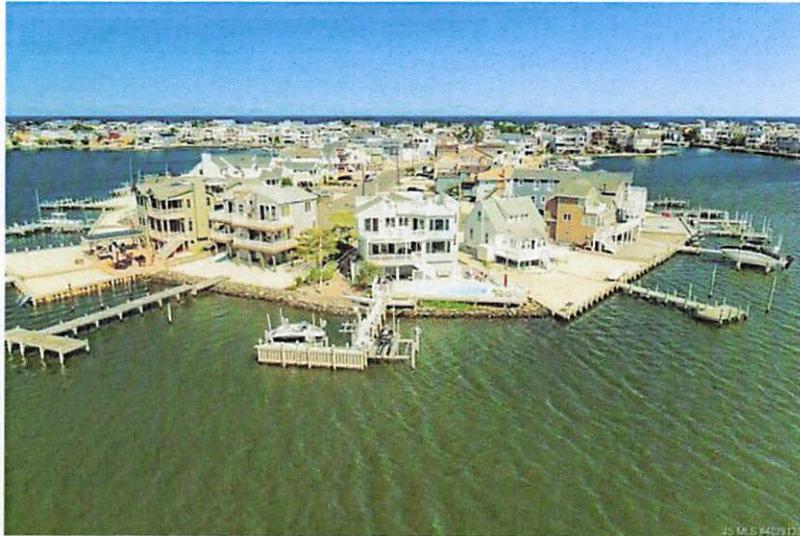


Stormwater Pollution Prevention Plan



Borough of Ship Bottom
Ocean County

NJPDES #NJG0149331

Annual Review Date: April 3, 2025

Stormwater Program Coordinator: Ralph Barnett, DPW Supervisor, Stormwater
Program Coordinator

PREPARED BY:



OWEN, LITTLE & ASSOCIATES, INC.
443 ATLANTIC CITY BOULEVARD
BEACHWOOD, NJ 08722

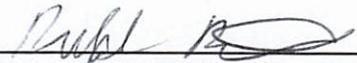

Ralph Barnett, DPW Supervisor 4-3-2025
STORMWATER PROGRAM COORDINATOR DATE

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Form 1 – Team Members

Stormwater Program Coordinator (SPC)			
Name and Title		Kristy Deboer, RMC, CMR, Stormwater Coordinator	
Phone	609-494-2171	Email	kdeboer@shipbottom.org
Individual(s) Responsible for Major Development Project Stormwater Management Review			
Name and Title		Frank J. Little, Jr., P.E.,P.P.,C.M.E. – Township Engineer	
Phone	732-244-1090	Email	flittle@owenlittle.com
Name and Title			
		Email	
Other Municipal Stormwater Team Members			
Name and Title		Ralph Barnett, DPW Supervisor	
Phone	(609) 494-2171 ext. 151	Email	
Name and Title		Matt Bernstein, Recycling Coordinator/Code Enforcement Officer	
Phone	(609) 494-2171 ext. 131	Email	mbernstein@shipbottom.org
Name and Title			
Phone		Email	
Shared/Contracted Service Providers			
Provider Name	Service Provided	Term of Service	
Ocean County Road Department	Vacuum/ Jet Truck for conveyance pipe cleaning	As needed	

Form 2 – Revision History

Revision Date	Form # Changed	Reason for Revision (Updates to staff, policy, webpage, etc.)
09/28/2010		
01/12/2021	Updated All Forms	Policy updated
01/09/2025	Updated All Forms	Policy updated pursuant to permit effective 01/01/2023

Form 3 – Public Announcements

Part IV.B. and C.

1. Provide the link to the dedicated stormwater webpage for your municipality.
www.shipbottom.org A dedicated stormwater webpage is in progress. A link will be provided once it has been established.
2. List the name and title of person(s) responsible for stormwater webpage postings/updates.
Kristy Deboer, RMC, CMR & Stormwater Program Coordinator
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.
All education an outreach events are posted on the Municipal Website (https://www.shipbottom.org) and may be available at the Municipal Building 1621 Long Beach Blvd. Ship Bottom, NJ 08008

Form 4 – Post-Construction Stormwater Management in New Development and Redevelopment

Part IV.E.

<p>1. How does the municipality define “major development”? If it is different from the definition in N.J.A.C. 7:8, explain the difference.</p>
<p>“Major development” means an individual “development,” as well as multiple developments that individually or collectively result in:</p> <ol style="list-style-type: none">1. The disturbance of one or more acres of land since February 2, 2004;2. The creation of one-quarter acre or more of “regulated impervious surface” since February 2, 2004;3. The creation of one-quarter acre or more of “regulated motor vehicle surface” since March 2, 2021 {or the effective date of this ordinance, whichever is earlier}; or4. A combination of 2 and 3 above that totals an area of one-quarter acre or more. The same surface shall not be counted twice when determining if the combination area equals one-quarter acre or more. <p>Major development includes all developments that are part of a common plan of development or sale (for example, phased residential development) that collectively or individually meet any one or more of items 1, 2, 3, or 4 above. Projects undertaken by any government agency that otherwise meet the definition of “major development” but which do not require approval under the Municipal Land Use Law, N.J.S.A. 40:55D-1 et seq., are also considered “major development.”</p>
<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>
<p>The municipality’s stormwater control ordinance is the same as the NJDEP’s model ordinance.</p>
<p>3. Describe the process for reviewing major development project applications for compliance with the SCO and Residential Site Improvement Standards (RSIS).</p>
<p>Applications for Major Development are submitted to the local Land Use Board for review and approval. This review includes confirmation by the Board’s professionals that all projects comply with the Municipal Stormwater Control Ordinance as well as the Residential Site Improvement Standards.</p>

<p>4. Does your municipality have a mitigation plan included in your Municipal Stormwater Management Plan and Stormwater Control Ordinance? Indicate the location of records of all variances granted.</p>
<p>Yes, the Municipal Stormwater Management Plan allows for mitigation.</p> <p>Approved Plans and Major Development Summary Sheets are located at the Land Use Board office which is located in the Municipal Building.</p> <p>Municipal Building 1621 Long Beach Blvd. Ship Bottom, NJ 08008</p>
<p>5. Indicate the dates of each iteration of the township's Stormwater Control Ordinance, starting with the initial adoption and including revisions.</p>
<p>April 11, 2007 February 23, 2021 June 25, 2024</p>
<p>6. Indicate the dates of each iteration of the township's Municipal Stormwater Management Plan, starting with the initial adoption and including revisions.</p>
<p>January 22, 2006 January 12, 2021</p>

Form 5 – Ordinances
Part IV.F.1.

Ordinance	Date Adopted	Was the DEP model adopted without change? If not, explain how the municipality's is more stringent.	Entity Responsible for Enforcement	Fees & Fines
1. Pet Waste	2005 Chapter 8.40	Yes	<i>Police Dept., Code Enforcement, Sanitation Inspector</i>	\$ ___
2. Wildlife Feeding	2005 Chapter 8.44	Yes	<i>Police Dept., Code Enforcement, Sanitation Inspector</i>	\$ ___
3. Litter Control	1993 Chapter 8.12	No, Meets or exceeds the model ordinance.	<i>Police Dept., Code Enforcement, Sanitation Inspector</i>	\$ ___
4. Improper Disposal of Waste	2005 Chapter 8.48	Yes	<i>Police Dept., Code Enforcement, Sanitation Inspector</i>	\$ ___
5. Yard Waste	2005 Chapter 8.52	Yes	<i>Police Dept., Code Enforcement, Sanitation Inspector</i>	\$ ___
6. Private Storm Drain Inlet Retrofitting	2010 Chapter 8.64	Yes	<i>Engineer, Township Land Use Board</i>	\$ ___
7. Illicit Connections	2005 Chapter 8.48	Yes	<i>Police Dept., Code Enforcement, Sanitation Inspector</i>	\$ ___
8. Privately-Owned Salt Storage	2024 Chapter 8.74	Yes	<i>Police Dept., Code Enforcement, Sanitation Inspector</i>	\$ ___
9. Tree Removal- Replacement	2024 Chapter 8.70	Yes	<i>Police Dept., Code Enforcement, Sanitation Inspector</i>	\$ ___
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.				
No additional stormwater-related ordinances within the Borough of Ship Bottom				

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

All records are kept with the Borough's Public Works Department.

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.

Street Sweeping will be performed on Ship Bottom municipal roads in accordance with MS4 permit section IV.5.b.i. with implementation to begin 01/01/2026, as follows.

All roads with storm drain inlets that discharge to surface water are required to be swept at least three (3) times a year.

All roads without storm drain inlets which discharge to surface water are required to be swept at least one (1) time a year.

Ship Bottom does not currently own a street sweeper. A shared service agreement will be planned with a neighboring municipality or a public contract for street sweeping services will be procured.

All County jurisdictional roads are swept by the Ocean County Road Department

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

No Street Sweeping Services are being outsourced at this time.

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. All labels are inspected during the annual inspection/cleaning of the catch and inlets and replaced as needed.
- b. Municipally owned storm drain inlet are replaced or retrofitted to comply with the design standards in attachment C of the Tier A permit when a road is resurfaced and/or when the inlet is in direct contact with the reconstruction or alteration of facilities.

The Private Storm Drain Inlet Retrofitting Ordinance Chapter 8.64 requires that storm drain inlets on private property be retrofitted or replaced to meet the design standard as specified in the ordinance when the associated roadway is repaved, repaired, resurfaced, reconstructed or altered. Additionally, when private developments are submitted to the Planning Board/Zoning Board for approval. All existing privately owned inlets are required to be retrofitted.

- c. The Borough Engineer reviews all Major Development projects to determine if the project is in compliance with the Municipal Stormwater Control Ordinance-Chapter 16.92. The Township Engineer attends a NJDEP-Stormwater Management Design Review Course once every five years in accordance with Tier A permit section IV.B.5.e
- d. All storm drain inlets owned and operated by Ship Bottom Borough are inspected, cleaned and maintained, annually and/or as frequently as necessary to eliminate recurring problems to restore proper function.

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. All catch basins owned and operated by Ship Bottom Borough are inspected, cleaned and maintained, annually and/or as frequently as necessary to eliminate recurring problems to restore proper function.

- b. All catch basins and inlets are inspected annually, and corrective measures are performed by the DPW Dept. Tide valves are installed to reduce tidal flooding on roadways.

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.

Municipal Conveyance systems are inspected annually during the inspection of storm drain inlets and during outfall inspections. The conveyance system is also inspected as a result of public notification. Conveyance pipe is cleaned where debris build-up is visible and/or restricting storm water from flowing downstream causing runoff to back-up into the upstream inlet and/or onto the surface. A vacuum / jet truck provided by Ocean County under a shared service, as needed, to jet clean the conveyance pipe pulling the debris build-up back to the inlet and/or storm manhole where it is vacuumed and hauled away for disposal.

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.

No outfalls meet the stream scouring requirement in the Borough of Ship Bottom.

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.

Note that illicit Connection Inspection Report Forms shall be included in the SPPP and submitted to DEP with the annual report. Visual dry weather inspection for illicit connections is conducted annually and records are kept at the Department of Public Works. If a dry weather flow is observed, additional physical information would be collected, and an investigation would be conducted. An Illicit Connection Inspection Report Form would also be completed to assist with the determination of the dry weather flow source. Improper Disposal of Waste Chapter 8.48 establishes methods for controlling discharges into the introduction of pollutants into the Borough’s MS4 stormwater system

<p>6. Other Municipal Infrastructure</p> <p>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.</p>
<p>There are no other types of MS4 Infrastructure in the Borough of Ship Bottom.</p>
<p>7. Stormwater Facilities Not Owned or Operated by the Municipality</p> <p>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.</p>
<p>The Borough's Code Enforcement Officer maintains a list of stormwater facilities not owned by Ship Bottom Borough. These facilities are inspected, and deficiencies brought to the attention of the owner/operator. Follow-up inspections are conducted to ensure compliance.</p>
<p>8. Infrastructure Records</p> <p>Indicate the location of records related to stormwater infrastructure inspection, cleaning, maintenance, and repair activities.</p>
<p>All Inspection and Maintenance Logs are kept in the Department of Public Works.</p>

Form 8 – Community-wide Measures

Part IV.F.2.

<p>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.</p>
<p>Herbicides are not used by Ship Bottom for de-vegetation /weed management</p>
<p>2. Excess Deicing Material Management Describe your program for ensuring that excess salt piles are removed in a timely manner after storm events.</p>
<p>Ship Bottom Public Works shall inspect the roadways within 72 hours of a storm event and remove any excess piles of salt deicing material left by the trucks spreading the material.</p> <p>Ship Bottom adopted a Privately Owned Salt Storage Ordinance, Chapter 8.74, on 6/25/2024. This ordinance is the same as the model ordinance provided by the NJDEP.</p>
<p>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.).</p>
<p>Ship Bottom Public Works picks up wood waste for disposal at the County landfill to ensure these materials are managed to minimize impacts to stormwater management facilities. Yard trimmings are placed in bags and removed for disposal by a private company.</p>
<p>4. Roadside Erosion Control Describe your program to detect and repair erosion along municipal roadways.</p>
<p>Ship Bottom Public Works performs visual inspection for roadside erosion during their daily operations and performs roadside stabilization, if required.</p> <p>All records are maintained at the Ship Bottom Public Works Dept.</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	
Public Works Yard 3 rd Street, Ship Bottom NJ	
2. Monthly Site Inspections Describe the nature of inspections conducted at this site and the location of inspection logs.	
<p>Monthly inspections of the maintenance yard are performed including material storage.</p> <p>Inspection Logs are maintained at the SPC Office South 3rd Street, Ship Bottom NJ</p>	
3. Inventory List List all materials and machinery that are potentially exposed to stormwater.	
Materials	Machinery/Equipment
	Trash / Recycling Dumpsters
White goods, metal, recycling bottles, cans, cardboard	Loader
	Backhoe
	Dump Trucks
	Pickup Truck
4. Discharge of Stormwater from Secondary Containment	

Describe the process in place for discharging stormwater from secondary containment areas where outdoor containers are stored.
No secondary containment is located onsite.
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 operations are performed onsite.
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.
Vehicles are maintained and repaired within the DPW garage.
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 vehicles washing is performed onsite.
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.
A very small amount of Road salt is stored on a concrete pad area and covered with a tarp then returned to Ocean County after the winter season.
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.
No aggregate material, wood chips or finished leaf compost are stored onsite.

<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>No Cold Patch Asphalt is stored onsite.</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>No street sweepings and/or catch basin clean out materials are stored onsite.</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>No construction/demolition waste, wood waste or yard trimmings are stored onsite.</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>No Scrap Tires are stored onsite.</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>No Inoperable Vehicles and Equipment are stored onsite.</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	
Public Works Yard #245 West 6 th Street, Ship Bottom NJ	
2. Monthly Site Inspections Describe the nature of inspections conducted at this site and the location of inspection logs.	
<p>Monthly inspections of the maintenance yard are performed including material storage and fuel tank.</p> <p>Inspection Logs are maintained at the SPC Office #245 West 6th Street, Ship Bottom NJ</p>	
3. Inventory List List all materials and machinery that are potentially exposed to stormwater.	
Materials	Machinery/Equipment
Trash Dumpsters	Pickup Trucks, Dump Trucks
Dune fencing	Heavy equipment and public vehicles are stored onsite and inside the garage.
White goods, metal, cardboard	(1) dual walled fuel tank containing gasoline and diesel fuels tank.

<p>4. Discharge of Stormwater from Secondary Containment Describe the process in place for discharging stormwater from secondary containment areas where outdoor containers are stored.</p>
<p>No secondary containment is located onsite.</p>
<p>5. Fueling Operations Does fueling occur on site? If so, describe the BMPs in place to minimize contamination of stormwater from fueling activities. If not, explain where fueling takes place.</p>
<p>This site contains a tank for both gasoline and diesel fuel. Standard operating procedures to address vehicle fueling are established, maintained, and implemented. Safe operation of fueling equipment instruction is posted on site. Any equipment, tanks, pumps, piping and fuel dispensing equipment found to be leaking or in disrepair is immediately repaired or replaced. Logs are kept at the Public Works Department.</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>All vehicles are maintained inside the 3rd Street DPW garage.</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>No vehicles washing is performed onsite.</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>No salt and/or de-icing material is stored onsite.</p>
<p>9. Aggregate Material, Wood Chips, and Finished Leaf Compost Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.</p>
<p>No aggregate material, construction debris, wood chips or leaf compost are stored onsite.</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>No Cold Patch Asphalt is stored onsite.</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>No street sweepings and/or catch basin clean out materials are stored onsite.</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>No construction/demolition waste, wood waste or yard trimmings are stored onsite.</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>No Scrap Tires are stored onsite.</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>No Inoperable Vehicles and Equipment are stored onsite.</p>

Form 10 – Training

Part IV.F.6-10.

Stormwater Program Coordinators
Describe the training provided for the municipal Stormwater Program Coordinator.
<p>Stormwater Program Coordinator (SPC) must ensure appropriate staff receive training on topics in the chart below as required due to job duties assigned within three months of commencement of duties and again on the frequency below. Indicate the location of associated training sign in sheets, dates, and agendas or description for each topic.</p> <p>SPC must attend stormwater coordinator training within 36 months of commencement of duties.</p>

Topic	Municipal Employees
Examples: in-person or virtual group sessions, e-Learning, field trainings, and videos	
Describe the training provided for municipal staff.	
SPPP	<p>1. STORMWATER POLLUTION PREVENTION PLAN</p> <p>https://dep.nj.gov/wp-content/uploads/njpdcs-stormwater/tier-a-chapter-2.pdf</p> <p>https://dep.nj.gov/wp-content/uploads/stormwater/handout-part-1-n-2-2014-12-03-bmp-overview-n-maintenance.pdf</p> <p>VIDEOS:</p> <p>https://melsafetyinstitute.org/risk-management/</p> <p>STORMWATER MANAGEMENT MAINTENANCE (2015) {Part 1}</p> <p>https://www.youtube.com/watch?v=Mduw81UG2S4</p> <p>STORMWATER MANAGEMENT MAINTENANCE (2015) {Part 2}</p> <p>https://www.youtube.com/watch?v=KDy4s2DWeDc</p>
Construction Site Stormwater Runoff	<p>TIER A MUNICIPAL STORMWATER: GUIDANCE DOCUMENT:</p> <p>3.3 CONSTRUCTION SITE STORMWATER RUNOFF</p> <p>https://dep.nj.gov/wp-content/uploads/njpdcs-stormwater/tier-a-chapter-3-3.pdf</p> <p>https://dep.nj.gov/wp-content/uploads/stormwater/handout-part-1-n-2-2014-12-03-bmp-overview-n-maintenance.pdf</p>

	<p>VIDEOS: https://melsafetyinstitute.org/risk-management/</p> <p>STORMWATER MANAGEMENT MAINTENANCE (2015) {Part 1} https://www.youtube.com/watch?v=Mduw81UG2S4</p> <p>STORMWATER MANAGEMENT MAINTENANCE (2015) {Part 2} https://www.youtube.com/watch?v=KDy4s2DWeDc</p>
<p>Post-Construction Stormwater Management in New and Redevelopment</p>	<p>TIER A MUNICIPAL STORMWATER: GUIDANCE DOCUMENT</p> <p>a. POST CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT</p> <p>https://dep.nj.gov/wp-content/uploads/njpdcs-stormwater/tier-a-chapter-3-4.pdf</p> <p>https://dep.nj.gov/wwp-content/uploads/stormwater/hadout-part-1-n-2-2014-12-03-bmp-overview-n-maintenance.pdf</p> <p>VIDEOS: https://melsafetyinstitute.org/risk-management/</p> <p>STORMWATER MANAGEMENT MAINTENANCE (2015) {Part 1} https://www.youtube.com/watch?v=Mduw81UG2S4</p> <p>STORMWATER MANAGEMENT MAINTENANCE (2015) {Part 2} https://www.youtube.com/watch?v=KDy4s2DWeDc</p>
<p>Community-wide Ordinances</p>	<p>TIER A MUNICIPAL STORMWATER: GUIDANCE DOCUMENT:</p> <p>3.5 POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATORS</p> <p>https://dep.nj.gov/wp-content/uploads/njpdcs-stormwater/tier-a-chapter-3-5.pdf</p> <p>https://dep.nj.gov/wp-content/uploads/stormwater/handout-part-1-n-2-2014-12-03-bmp-overview-n-maintenance.pdf</p> <p>VIDEOS: https://melsafetyinstitute.org/risk-management/</p> <p>STORMWATER MANAGEMENT MAINTENANCE (2015) {Part 1} https://www.youtube.com/watch?v=Mduw81UG2S4</p>

	<p>STORMWATERMANAGEMNT MAINTENANCE (2015 {Part 2} https://www.youtube.com/watch?v=KDy4s2DWeDc</p>
Community-wide Measures	<p>TIER A MUNICIPAL STORMWATER: GUIDANCE DOCUMENT:</p> <p>a. POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATORS https://dep.nj.gov/wp-content/uploads/njpdcs-stormwater/tier-a-chapter-3-5.pdf</p> <p>https://dep.nj.gov/wp-content/uploads/stormwater/hadout-part-1-n-2-2014-12-03-bmp-overview-n-maintenance.pdf</p> <p>VIDEOS: https://melsafetyinstitute.org/risk-management/</p> <p>STORMWATER MANAGEMENT MAINTENANCE (2015) {Part 1} https://www.youtube.com/watch?v=Mduw81UG2S4</p> <p>STORMWATER MANAGEMENT MAINTENANCE (2015) Part 2} https://www.youtube.com/watch?v=KDy4s2DWeDc</p>
Stormwater Facilities Maintenance	<p>TIER A MUNICIPAL STORMWATER: GUIDANCE DOCUMENT:</p> <p>4.1 STORMWATER FACILITIES MAINTENANCE https://dep.nj.gov/wp-content/uploads/njpdcs-stormwater/tier-a-chapter-4-1.pdf</p> <p>VIDEOS: https://melsafetyinstitute.org/risk-management</p> <p>STORMWATER MANAGEMENT MAINTENANCE (2015) {Part 1} https://www.youtube.com/watch?v=Mduw81UG2S4</p> <p>STORMWATER MANAGEMENT MAINTENANCE (2015) {Part 2} https://www.youtube.com/watch?v=KDy4s2DWeDc</p>
Municipal Maintenance Yards and Other Ancillary Operations	<p>TIER A MUNICIPAL STORMWATER: GUIDANCE DOCUMENT:</p> <p>3.5 POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATORS https://dep.nj.gov/wp-content/uploads/njpdcs-stormwater/tier-a-chapter-3-55.pdf</p> <p>https://dep.nj.gov/wp-content/uploads/stormwater/handout-part-1-n-2-2014-12-03-bmp-overview-n-maintenance.pdf</p>

	<p>VIDEOS: https://melsafetyinstitute.org/risk-management/</p> <p>STORMWATER MANAGEMENT MAINTENANCE (2015) {Part 1} https://www.youtube.com/watch?v=Mduw81UG2S4</p> <p>STORMWATER MANAGEMENT MAINTENANCE (2015) {Part 2} https://www.youtube.com/watch?v=KDy4s2DWeDc</p>
MS4 Mapping	<p>TIER A MUNICIPAL STORMWATER: GUIDANCE DOCUMENT: 3.6 MS4 OUTFALL PIPE MAPPING, ILLICIT DISCHARGE DETECTION AND ELIMINATION, AND STREAM SCOURING</p> <p>https://dep.nj.gov/wp-content/uploads/njpdcs-stormwater/tier-a-chapter-3-6.pdf</p> <p>https://dep.nj.gov/wp-content/uploads/stormwater/handout-part-1-n-2-2014-12-03-bmp-overview-n-maintenance.pdf</p> <p>VIDEOS: https://melsafetyinstitute.org/risk-management/</p> <p>STORMWATER MANAGEMENT MAINTENANCE (2015) {Part 1} https://www.youtube.com/watch?v=Mduw81UG2S4</p> <p>STORMWATER MANAGEMENT MAINTTENANCE (2015) {Part 2} https://www.youtube.com/watch?v=KDy4s2DWeDc</p>
Outfall Stream Scouring	<p>TIER A MUNICIPAL STORMWATER: GUIDANCE DOCUMENT: 3.6 MS4 OUTFALL PIPE MAPPING, ILLICIT DISCHARGE DETECTION AND ELIMINATION, AND STREAM SCOURING</p> <p>https://dep.nj.gov/wp-content/uploads/njpdcs-stormwater/tier-a-chapter-3-6.pdf</p> <p>https://dep.nj.gov/wp-content/uploads/stormwater/handout-part-1-n-2-2014-12-03-bmp-overview-n-maintenance.pdf</p> <p>VIDEOS: https://melsafetyinstitute.org/risk-management/</p>

	<p>STORMWATER MANAGEMENT MAINTENANCE (2015) {Part 1} https://www.youtube.com/watch?v=Mduw81UG2S4</p> <p>STORMWATER MANAGEMENT MAINTENANCE (2015) {Part 2} https://www.youtube.com/watch?v=KDy4s2DWeDc</p>
<p>Illicit Discharge Detection and Elimination</p>	<p>TIER A MUNICIPAL STORMWATER: GUIDANCE DOCUMENT:</p> <p>a. MS4 OUTFALL PIPE MAPPING, ILLICIT DISCHARGE DETECTION AND ELIMINATION, AND STREAM SCOURING</p> <p>https://dep.nj.gov/wp-content/uploads/njpdcs-stormwater/tier-a-chapter-3-6.pdf</p> <p>https://dep.nj.gov/wp-content/uploads/stormwater/handout-part-1-n-2-2014-12-03-bmp-overview-n-maintenance.pdf</p> <p>VIDEOS: https://melsafetyinstitute.org/risk-management/</p> <p>STORMWATER MANANGEMENT MAINTENANCE (2015) {Part 1} https://www.youtube.com/watch?v=Mduw81UG2S4</p> <p>STORMWATER MANAGEMENT MAINTENANCE (2015) {Part 2} https://www.youtube.com/watch?v=KDy4s2DWeDc</p>

Stormwater Management Design Reviewers
<p>Describe the training provided for individuals responsible for reviews and approvals of stormwater management designs.</p>
<p>All design engineers, municipal engineers, and others who review the stormwater management design for development and redevelopment projects on behalf of the municipality must attend the first available class upon assignment as a reviewer and every five years thereafter. The course is a free, two-day training conducted by DEP staff. Training dates and locations are posted at www.nj.gov/dep/stormwater/training.htm. Indicate the location of the DEP certificate of completion for each reviewer.</p>

The Borough's Land Use Board Engineer has completed the required training and maintains their NJDEP Certificate of Completion form. The training course is attended every five years.

Municipal Board and Governing Body Members

Describe the training provided for members of the planning/zoning board and municipal council.

Required for individuals who review and approve applications for development and redevelopment projects in the municipality. This includes members of the planning and zoning boards, town council, and anyone else who votes on such projects. Training is in the form of online videos, posted at www.nj.gov/dep/stormwater/training.htm.

Within 6 months of commencing duties, watch Asking the Right Questions in Stormwater Review Training Tool. Once per term thereafter, watch at least one of the online DEP videos in the series available under Post-Construction Stormwater Management. Indicate the location of records documenting the names, video titles, and dates completed for each board and governing body member.

The training of elected and appointed individuals who review and approve applications for development and redevelopment projects in Ship Bottom Borough is ongoing.

Training Records

Indicate the location of training records for the above required training.

All information is available within the Clerks or Land Use Board Offices.

Form 11 – MS4 Mapping

Part IV.G.1.

1. Provide a link to the most current MS4 outfall/infrastructure map.	
<p>MS4 Outfall/Infrastructure Map is Pending – Due January 1, 2026</p> <p>www.shipbottom.org</p> <p>A dedicated stormwater webpage is in progress. A link will be provided once it has been established.</p>	
2. Indicate the total of each type of MS4 infrastructure listed below (due 01 Jan 2026).	
a. MS4 outfalls	21
b. MS4 ground water discharge points (basins or overland flow infiltration areas)	0
c. MS4 interconnections	0
d. MS4 storm drain inlets	354
e. MS4 manholes	Location/Qnty Pending
f. Length of conveyance (channels, pipes, ditches, etc.)	Location/Qnty Pending
g. MS4 pump stations	0
h. MS4 stormwater facilities (any that are not listed above)	0
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>The outfall/Infrastructure map will be updated annually in accordance with the Stormwater Coordinator’s maintenance logs and new stormwater infrastructure improvements performed by Ship Bottom</p>	
4. Describe how the municipality will create and update its MS4 Infrastructure Map.	
<p>Ship Bottom will be working with the Borough Engineer to create and update the MS4 Infrastructure Map. Ship Bottom and/or the Borough’s Engineer will locate all MS4 infrastructure on the map using a combination of existing mapping and field location using GIS software and/or computer aided design/drafting software.</p>	

Form 12 – Watershed Improvement Plan
Part IV.H.

<p>1. Describe how your municipality is developing its Watershed Improvement Plan.</p> <p>Ship Bottom does not currently have a Watershed Improvement Plan in place which has been approved by the NJDEP in accordance with the Tier 'A' permit.</p> <p>Phase 1 is due EDPA + 36 months or 1/1/2026</p> <p>Phase 2 is due EDPA + 48 months or 1/1/2027</p> <p>Phase 3 is due EDPA + 60 months or 12/1/2027</p> <p>Ship Bottom will be coordinating with the Borough Engineer's office to begin phase 1 in 2025</p>
<p>2. Describe any regional projects or collaboration efforts with other municipalities.</p> <p>There are no current plans for Ship Bottom to collaborate with other municipalities for the Watershed Improvement Plan.</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>Ship Bottom doesn't currently have a Watershed Improvement Plan in place. Once the plan has been completed and approved it will be made available to the public on the Borough's dedicated stormwater management webpage.</p>