Stormwater Pollution Prevention Plan

BOROUGH OF WASHINGTON
COUNTY OF WARREN
Permit Number NJG0147729
Annual Review Date: *December, 2023*
Revised: September 2024
Brian Bond, Borough Manager
Stormwater Program Coordinator

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 **8**
Form 6 – Street Sweeping **9**
Form 7 – MS4 Infrastructure **10**
Form 8 – Community-wide Measures **13**
Form 9 – Municipal Maintenance Yards & Other Ancillary Operations **14**
Form 10 – Training **18**
Form 11 – MS4 Mapping **21**
Form 12 – Watershed Improvement Plan **22**

Appendix A – Washington Stormwater BMPS:

BMP Inventory List

BMP Inspection Log

BMP Maintenance Log

Appendix B – Forms:

Major Development Stormwater Summary

Illicit Connection Inspection Report Form

Outfall Inspection Form

Stream Scouring Investigation Recordkeeping Form

Wash water Containment Maintenance & Annual Certification Forms

Appendix C – Maps:

Outfall / Infrastructure Map (To be finalized by December 2025)

Street Sweeping Map (To be finalized by December 2025)

Form 1 – Team Members

Stormwater Program Coordinator (SPC)			
Name and Title	Brian Bond, Borough Manager		
Phone	*908-689-7204*	Email	manager@washingtonboro-nj.org
Individual(s) Responsible for Major Development Project Stormwater Management Review			
Name and Title	Kevin M. Smith, PE, PP, CME, Borough Engineer		
Phone	*908-689-3600*	Email	engineer@washingtonboro-nj.org
Name and Title	Stanley Schrek, PE, PP, CME, Borough Land Use Board Engineer Van Cleef Engineer		
	908-454-3080	Email	sschrek@vcea.org
Other Municipal Stormwater Team Members			
Name and Title	Laurie Courter, RMC/CMR, Borough Clerk		
Phone	*908-689-3600*	Email	lcourter@washingtonboro-nj.org
Name and Title	Jonathan James, CPWM, Public Works Supervisor		
Phone	908-689-0088	Email	jjames@washingtonboro-nj.org
Name and Title			
Phone		Email	

Shared/Contracted Service Providers		
Provider Name	Service Provided	Term of Service
LMR / CASELLA	*VEGETATED WASTE (TREE LIMBS / BRUSH / LEAF)*	*Sept 2024 to Feb 2027*

Form 2 – Revision History

Revision Date	Form # Changed	Reason for Revision (Updates to staff, policy, webpage, etc.)
December 2023	*New*	*Create SPPP per 2023 Tier A Permit*
*A*ugust *2024*	*Form#4 Section 5*	*Add additional revision date of SCO*
September 2024	*Form#5*	*Update Community Wide Ordinance References*

Form 3 – Public Announcements

Part IV.B. and C.

1. Provide the link to the dedicated stormwater webpage for your municipality.
https://www.washingtonboro-nj.org
2. List the name and title of person(s) responsible for stormwater webpage postings/updates.
Brian Bond, Borough Manager
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.
Express Times – official newspaper *Borough Website* *Direct mail*

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

Part IV.E.

1. How does the municipality define "major development"? If it is different from the definition in N.J.A.C. 7:8, explain the difference.
Major development *means an individual "development," as well as multiple developments that individually or collectively result in:* *1. The disturbance of one or more acres of land since February 2, 2004;* *2. The creation of one-quarter acre or more of "regulated impervious surface" since February 2, 2004;* *3. The creation of one-quarter acre or more of "regulated motor vehicle surface" since March 2, 2021.* *4. A combination of 2 and 3 above that totals an area of one-quarter acre or more. The same surface shall not be counted twice when determining if the combination area equals one-quarter acre or more.* *Major development includes all developments that are part of a common plan of development or sale (for example, phased residential development) that collectively or individually meet any one or more of paragraphs 1, 2, 3, or 4 above. Projects undertaken by any government agency that otherwise meet the definition of "major development" but which do not require approval under the Municipal Land Use Law, N.J.S.A. 40:55D-1 et seq., are also considered "major development".*
2. Is the municipality's stormwater control ordinance (SCO) the same as or more stringent than NJDEP's model SCO? If more stringent, explain the difference.
The adopted SCO contains additional provisions as required by the NJ Highlands Council for lands within the Preservation Area.
3. Describe the process for reviewing major development project applications for compliance with the SCO and Residential Site Improvement Standards (RSIS).
Review is completed by the Borough Engineer/Land Use Board Engineer in accordance with the SCO, 7:8 and RSIS.
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.
The SWMP does contain a mitigation component. The SCO does not. Records of any granted variances are located within LU Board Engineer's technical review reports and LU Board approval resolutions.

5. Indicate the dates of each iteration of the Borough's Stormwater Control Ordinance, starting with the initial adoption and including revisions.
The SCO was initially adopted on March 16, 2021. *Replace SCO per NJDEP amendment on August, 2024.*
6. Indicate the dates of each iteration of the Borough's Municipal Stormwater Management Plan, starting with the initial adoption and including revisions.
The SWMP was initially adopted in February 2005.

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	*SEPT 2024*		Various Municipal Officials	*$500*
2. Wildlife Feeding	*SEPT 2024*		Various Municipal Officials	*$500*
3. Litter Control	*SEPT 2024*		Various Municipal Officials	*$500*
4. Improper Disposal of Waste	*SEPT 2024*		Various Municipal Officials	*$500*
5. Yard Waste	*OCT 2020*	Existing Township Code Chapter 47 provided equivalent requirements	Various Municipal Officials	*$500_*
6. Private Storm Drain Inlet Retrofitting	*SEPT 2024*		Various Municipal Officials	*$500_*
7. Illicit Connections	*SEPT 2024*		Various Municipal Officials	*$500_*
8. Privately-Owned Salt Storage	*SEPT 2024*		Various Municipal Officials	*$500_*
9. Tree Removal-Replacement	*SEPT 2024*		Various Municipal Officials	*$500_*

List any additional stormwater-related ordinances the municipality has adopted that address issues beyond the scope of the MS4 permit. Include adoption date, entity responsible for enforcement, and related fees and fines.

None.

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

Records are located in the Clerk's office.

Form 6 – Street Sweeping

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

1. Provide a written description and/or attach a map outlining the sweeping schedule for the following:
   - Segments of municipal roads with storm drain inlets that discharge to surface water (required at least 3 times each year)
   - Segments of municipal roads that do not have storm drain inlets but do discharge to surface water (required at least 1 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.

See attached street sweeping map. BOROUGH TO PREPARE A MAP BY 12/2025
Municipally owned ASPHALT & CONCRETE roads that have storm drain inlets will be swept 3x a year, and
municipally owned roads that do not have storm drain inlets, but DO discharge to surface water will be swept 1x a year.

Oil & Chip roadway are not required to be swept.

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

Street sweeping is NOT outsourced.

Form 7 – MS4 Infrastructure

Part IV.F.2-4. and Part IV.G.2-3.

1. Municipal Storm Drain Inlets

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

a. "Discharges to Waterway" labels have been installed on all inlets. The DPW checks the labels annually and replaces them when necessary.

b. The Borough is in the process of preparing a stormwater infrastructure map which will identify all inlets. A schedule will be prepared to retrofit all inlets for solids collection by December 1, 2028.

c. All newly installed inlets shall be equipped with grates and curb openings that comply with the Appendix B standards for collection of solids. New Catch basins will be constructed with a sump to collect solids were required.

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

2. Municipal Catch Basins

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

a. The DPW inspects all Borough owned inlet boxes (catch basins) over a 5-year period with a minimum of 20% of the catch basins inspected annually.

b. Catch basins are cleaned when there is debris within the basin or sediment deposits which extend above the invert of the discharge pipe.

3. Municipal Conveyance System

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

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

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.

*The DPW inspects all Borough owned stormwater outfalls for scour over a 5-year period with a minimum of 20% of the outfalls inspected annually. The inspections are to identify scouring of the stream bank or stream bottom caused by the outfall. The source or cause of the scour shall be determined and corrected, and the scour shall be scheduled for repair. All repairs will be completed within 1**2** months of identification. Repairs shall conform with the Standards for Soil Erosion and Sediment Control in New Jersey and the NJDEP Flood Hazard Area Control Act Rules.*

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.

The DPW inspects all outfalls for illicit discharges during its inspections for scour. Any identified illicit connections will be reported, and measures taken to identify the source if the connections and eliminate it. All repairs will be completed within 12 months of identification.

6. Other Municipal Infrastructure

List the types of MS4 infrastructure in your town that require inspection but are not noted above in items 1-5. Describe when and how you conduct inspections of this infrastructure and the criteria used to determine when they need to be maintained and/or cleaned.

The Borough owns or is responsible for the operation of seven (7) stormwater detention basins. The DPW inspects these facilities at least 4 times per year and after significant rainfall events. An inventory of the basins is kept along with logs of inspection and maintenance activities. Inspection and maintenance is conducted in accordance with the approved Operations and Maintenance Plan, if one exists, otherwise the NJDEP Field Manual for detention basins is used. Maintenance activities include the removal of sediment, trash and debris, mowing, pruning of vegetation, restoration of any eroded areas, elimination of any mosquito breeding areas and repair or replacement of any damaged structural components.

7. Stormwater Facilities Not Owned or Operated by the Municipality

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

There are three (3) privately owned SWM BMP's within the Borough. The Borough sends a letter to the owners annually to ensure that they are being operated and maintained in accordance with the Operations and Maintenance Plans approved by the Borough. A log of the inspections is kept and the owner is notified in writing if maintenance or repairs are required. If maintenance is not performed the Borough may perform the work and bill the owner.

8. Infrastructure Records

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

Inventory logs of stormwater facilities and logs documenting inspections, cleaning and repairs are kept by the DPW Supervisor.

Form 8 – Community-wide Measures

Part IV.F.2.

1. Herbicide Application Management Describe your program for preventing herbicides from being washed into the waters of the State and to prevent erosion caused by de-vegetation.
The DPW does not apply herbicides. Unwanted vegetation is controlled by mowing.
2. Excess Deicing Material Management Describe your program for ensuring that excess salt piles are removed in a timely manner after storm events.
The DPW removes any significant accumulation of salt on the roads within 72-hours of a storm event. The material is collected by hand with shovels, placed in a container and returned to the Borough's salt storage building.
3. Roadside Vegetative Waste Describe your program for ensuring proper pickup, handling, storage, and disposal of wood waste and yard trimmings generated by the permittee along municipal roads or on municipal properties (trimming trees, mowing, etc.).
The Borough provides curbside pickup of wood waste (tree limbs / brush / leaves) and yard trimmings weekly between April 1 and November 30. Grass clippings and leaves are not accepted. ***Collection and removal of resident wood waste is vendor contracted.*** *Roadside Mowing is completed 3x/ year.* *Vegetative waste on Borough property is mulched and composted in place, the mower has guards to contain all vegetation underneath the mower to completely chop the vegetative waste.*
4. Roadside Erosion Control Describe your program to detect and repair erosion along municipal roadways.
The DPW checks for erosion along the roadways during its normal duties and during its annual inspection of inlet grates. Maintenance is scheduled as required. All repairs will be completed within 90 days of discovery. Stabilization is conducted in accordance with the Standards for Erosion and Sediment Control in New Jersey.

Form 9 – Municipal Maintenance Yards & Other Ancillary Operations

Part IV.F.5.

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

1. Site Name and Address

Washington Borough DPW
1 Richard W. Thompson Jr. Way
Washington, NJ 07882

2. Monthly Site Inspections

Describe the nature of inspections conducted at this site and the location of inspection logs.

Site inspection of the maintenance yard, including the site periphery, is conducted during daily operations. Any conditions that would contribute to stormwater contamination, illicit discharges, or negative impacts to the Borough's MS4 are identified and addressed. Any materials or machinery stored outdoors have a minimal exposure to stormwater. Any bulk liquid storage (gas cans, etc.) is stored indoors. Refuse containers are checked to ensure that they are covered. Confirmation is made that a spill kit is available in the event of some type of spillage. Inspection logs are kept by the DPW Supervisor.

3. Inventory List

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

Materials	**Machinery/Equipment**
Mulch	All equipment is stored inside.
Aggregate	
Road salt (stored in containment structure)	
Gasoline (stored indoors)	

4. Discharge of Stormwater from Secondary Containment

Describe the process in place for discharging stormwater from secondary containment areas where outdoor containers are stored.

None.

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.

- *Fueling of vehicles is offsite (i.e. local gas stations)*
- *Small equipment fueling may occur onsite using small capacity (5 gallon) "gas cans" and the fueling occurs on paved surfaces. A kit consisting of speed dry* and *dyke is available in the event of a spill.*
- *Large equipment diesel fueling is generally offsite. Occasional fueling may occur onsite using a pickup truck mounted tank and fueling occurs g*reater than 25 *feet from of a storm structure.*

6. Vehicle/Equipment Maintenance and Repair

Do you perform maintenance and repair on site? Is this conducted indoors or outdoors? If outdoors, describe the BMPs in place to minimize contamination of stormwater from maintenance and repair activities.

Vehicle / Equipment Maintenance and Repair is conducted indoors with drip pans available to collect contaminants.

7. Wash Wastewater Containment

Do you wash vehicles on site? If so, describe the BMPs in place to minimize contamination of stormwater from these activities. Note that on site containment structures require annual inspections by a NJ licensed professional engineer. If not, explain where vehicle washing takes place.

Washing of vehicles may occur onsite (wash bay) or at a local car wash with an available truck bay. Vehicle brooming of residual de-icing materials and rinsing with clean water (no soap, detergent or de-greasers) is permitted for the vehicle exterior, undercarriage, and exposed parts and does not apply to engines or other enclosed machinery.

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.

De-icing material is stored within an enclosed building on the site with an impervious floor. No de-icing materials or sand is stored outside. Care is taken to minimize the spillage of materials during loading and unloading. Any spills are immediately cleaned with the material being placed on the truck or within the building. The loading/unloading area is swept as necessary to prevent contamination from stormwater runoff or tracking onto the street.

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.
Aggregate materials are kept in non-covered concrete storage bins. *Except f*or *emergency cleanups, woodchips are not kept onsite.* *No finished leaf compost is kept onsite.*
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 stored indoors.
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.
DPW disposes all street sweeping materials at the Warren County PCFA.
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.
The Borough does not accept this debris at the municipal garage. ***Collection and removal of wood waste is vendor contracted.***
13. Scrap Tires Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.
N/A- not stored on site

14. Inoperable Vehicles and Equipment

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

Inoperable vehicles and equipment may be stored provided measures are taken to prevent stormwater runoff of pollutants. Specifically, inoperable vehicles and equipment with intact bodies and exteriors capable of preventing the contact of stormwater with internal components and fluids capable of discharging pollutants and not leaking any fluids may be stored indefinitely. Vehicles not meeting the intact criteria are not stored onsite. Vehicles and equipment storage shall be away from storm drain inlets, and inspected monthly for leaks.

Form 10 – Training

Part IV.F.6-10.

Stormwater Program Coordinators
Describe the training provided for the municipal Stormwater Program Coordinator.
The SPC (Borough Adminstrator) attends all NJDEP required training as provided during every permit cycle. Training includes the responsibilities of the SPC, understanding of MS4 permit conditions, required annual reporting and required submissions and documentation.

Topic	**Municipal Employees** Examples: in-person or virtual group sessions, e-Learning, field trainings, and videos
Describe the training provided for municipal staff.	
SPPP	*The Borough Engineer conducts ongoing training of staff including the Clerk and DPW Director whose duties support the stormwater program. Training includes applicable specific requirements of the SPPP including record keeping.*
Construction Site Stormwater Runoff	*Construction inspectors are trained by the Borough Engineer and/or Land Use Board Engineer, to understand and administer Soil Erosion and Sediment Control Plans for developments exceeding 5,000 square feet of disturbance as approved by the Soil Conservation District.*
Post-Construction Stormwater Management in New and Redevelopment	*Staff responsible for review of post-construction SWM plans are trained by the Borough Engineer and/or Land Use Board Engineer. Training includes the definition of major development, when SWM plans are required, understanding of the SWM Rules at NJAC 7:8, the Borough's SCO, the NJDEP BMP Manual & guidance documents, and recording keeping requirements.*
Community-wide Ordinances	*Staff including the Clerk, Police, and Zoning Officer receive updates on the need to enforce community wide ordinances regulating Pet Waste, Wildlife Feeding, Litter Control, Improper Disposal of Waste, Yard Waste, Illicit Connections, and Refuse Containers.*
Community-wide Measures	*The Borough DPW has implemented and receives training on the following SWM measures: Street sweeping, inlet labeling noting that inlets discharge to waterways, retrofitting of existing inlets to trap solids, management of excess de-icing materials, vegetative waste management, and roadside erosion controls.*

Stormwater Facilities Maintenance	*The DPW is trained on the MS4 requirements to inspect, clean, maintain and repair inlets, catch basins, pipe systems, and BMP's (primarily detention basins) owned by the Borough and to keep a log of the inspection and maintenance activities. Inspection frequencies are per the MS4 permit. Inspections of privately owned BMP's are conducted annually to ensure that private owners are maintaining their facilities. Owners are notified if the facilities are not being properly maintained.*
Municipal Maintenance Yards and Other Ancillary Operations	*The DPW staff responsible for compliance with SWM requirements at the maintenance yard receive annual training to understand MS4 Permit requirements, best management practices (BMP's), safety equipment & procedures, and record keeping.*
MS4 Mapping	*The Borough Engineer has reviewed and understands the MS4 Permit requirements for infrastructure mapping and has scheduled the production of an electronic map which meets the completion deadline in the permit.*
Outfall Stream Scouring	*The DPW staff is trained to inspect outfalls for potential scour at least once every five (5) years. If scour is identified a plan is prepared and implemented for repairs. Repairs shall be made in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey.*
Illicit Discharge Detection and Elimination	*The DPW staff is trained to inspect outfalls for potential illicit connections to the storm drainage system at least once every five (5) years during their inspections for scour. If a potential illicit connection is suspected the source of the discharge shall be investigated and corrected as necessary.*

Stormwater Management Design Reviewers
Describe the training provided for individuals responsible for reviews and approvals of stormwater management designs.
The individuals identified within this plan who are responsible for review of SWM plans have completed the mandatory training required by NJDEP and described within the MS4 Permit. The training course covers the Borough's stormwater control ordinance (SCO) and NJDEP rule requirements, calculation methodologies, and how to review a major development. The training must be completed at least once every five (5) years.

Municipal Board and Governing Body Members
Describe the training provided for members of the planning/zoning board and municipal council.
Land Use Board and Committee members must complete the "Asking the Right Questions in Stormwater Review Training Tool" posted at www.njstormwater.org/training.htm. This training must be completed by current Land Use Board and Committee members and once per term of service thereafter. In addition, Land Use Board and Committee members must review at least one of the other training tools offered under Post-Construction Stormwater Management found at the website above.

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

Form 11 – MS4 Mapping

Part IV.G.1.

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

Form 12 – Watershed Improvement Plan

Part IV.H.

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

Washington Borough
Inventory of Stormwater BMP's

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

Name of Development	Owner	Street Address	Block	Lot	Type of BMP	Location of BMP
The Meadows	Borough of Washington	91 Kinnamin Avenue	2.12	1	Detention Basin	Lat. 40.757 Long. 74.997
Western Acres	Borough of Washington	274 West Warren Street	3.02	1	Detention Basin	Lat. 40.759 Long. 74.995
Heather Hill	Borough of Washington	10 Myrtle Drive	44	34	Detention Basin	Lat. 40.765 Long. 74.975
Washington Square	Washington Square	Washington Square Circle	73.01	44	Detention Basin	Lat. 40.761 Long. 74.968
BASF	BASF	Pershing Avenue	84	6	Detention Basin	Lat. 40.755 Long. 74.973
Washington Heights	Washington Heights, LLC	14 Nunn Avenue	97.03	10	Detention Basin	Lat. 40.752 Long. 74.981
Washington Borough DPW Garage	Borough of Washington	313 West Washington Ave.	101	1	Detention Basin with Biofilter	Lat. 40.752 Long. 74.996
Washington Gardens	Borough of Washington	West Washington Avenue	101	13.01	Detention Basin	Lat. 40.755 Long. 74.992
Ramapo / Lenape Trail	Borough of Washington	6 Ramapo Way	101.01	1	Detention Basin	Lat. 40.755 Long. 74.989
Lambert Street	Borough of Washington		3	13.01	Detention Basin	Lat. 40.759 Long. 74.991

APPENDIX A

Washington Borough
Stormwater BMP Inspection Log

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

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

APPENDIX A

Washington Borough
Stormwater BMP Maintenance Log

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

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

Attachment D – Major Development Stormwater Summary APPENDIX B

General Information

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

Site Design Specifications

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

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

Storm Event Information

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

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

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

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

Comments: _____
_____
_____

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

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

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

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

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

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

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

Illicit Connection Inspection Report Form

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

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

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

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

SECTION 1: PERMITTEE INFORMATION

MS4 Permittee: _____ NJPDES #: NJG0_____

SECTION 2: OUTFALL SUMMARY INFORMATION

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

Outfall ID: _____ Outfall Location Description: _____

_____

Municipality: _____ County:_____

Receiving Waterbody: _____

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

_____

_____

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

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

_____

_____

_____

_____

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

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

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

_____

_____

_____

_____

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

SECTION 3: OUTFALL INSPECTION

Date of current inspection: ____/____/_____

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

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

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

_____

_____

_____

SECTION 4: PHYSICAL OBSERVATIONS

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

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

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

(Potential illicit discharge sources are listed in parentheses.)

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

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

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

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

SECTION 5: FIELD MONITORING

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

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

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

SECTION 6: DRY WEATHER FLOW ANALYSIS - WATER QUALITY

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

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

_____

_____

_____

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

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

SECTION 7: ILLICIT DISCHARGE INVESTIGATION

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

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

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

_____
_____
_____
_____
_____
_____
_____

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

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

SECTION 8: ILLICIT DISCHARGE ELIMINATION

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

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

_____
_____
_____
_____
_____
_____
_____

SECTION 9: INSPECTOR INFORMATION

Inspector's Name: _____

Title: _____ Affiliation: _____

Signature: _____ Date: _____

Outfall Inspection Form

This form is provided to assist MS4 permittees with appropriate recordkeeping for their routine outfall inspections as required by the current MS4 NJPDES permit. Initial illicit connection inspections must be performed during dry weather, which is at least 72 hours after the previous precipitation or snowmelt event.
It is recommended to attach photo(s) of the inspection of the outfall to this form.
Upon discovery of stream scouring, you may use "Stream Scouring Investigation Record Keeping Form" for required documentation.
Upon discovery of any possible illicit connections, you MUST use "Illicit Connection Inspection Report Form."

SECTION 1: PERMITTEE INFORMATION

MS4 Permittee: _____ NJPDES #: NJG0_____

SECTION 2: OUTFALL SUMMARY INFORMATION

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

Outfall ID: _____ Outfall Location Description: _____

_____

Municipality: _____ County:_____

Receiving Waterbody: _____

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

_____

_____

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

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

_____

_____

_____

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

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

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

_____

_____

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

SECTION 3: INSPECTION CONDITIONS

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

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

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

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

_____

_____

_____

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

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

_____

_____

_____

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

☐ PRESENT ☐ EVIDENCE ☐ NEITHER

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

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

SECTION 4: STREAM SCOURING

Is stream scouring present? ☐ YES* ☐ NO

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

_____

_____

_____

_____

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

SECTION 5: INSPECTOR INFORMATION

Inspector's Name: _____

Title: _____ Affiliation: _____

Signature: _____ Date: _____

Stream Scouring Investigation Recordkeeping Form

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

SECTION 1: PERMITTEE INFORMATION

MS4 Permittee: _____ NJPDES #: NJG0_____

SECTION 2: OUTFALL SUMMARY INFORMATION

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

Outfall ID: _____ Outfall Location Description: _____

_____

Municipality: _____ County:_____

Receiving Waterbody: _____

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

_____

_____

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

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

_____

_____

_____

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

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

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

_____

_____

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

SECTION 3: INSPECTION CONDITIONS

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

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

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

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

_____

_____

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

_____

_____

_____

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

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

_____

_____

_____

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

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

_____

_____

_____

_____

_____

SECTION 4: SCHEDULING OF STREAM REMEDIATION

Description of the remediation project: _____

_____

_____

_____

_____

_____

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

_____

_____

_____

_____

_____

_____

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

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

SECTION 6: INSPECTOR INFORMATION

Inspector's Name: _____

Title: _____ Affiliation: _____

Signature: _____ Date: _____

ENGINEERS CERTIFICATION OF ANNUAL INSPECTION OF EQUIPMENT AND VEHICLE WASH WASTEWATER CONTAINMENT STRUCTURE

(Complete a separate form for each vehicle wash wastewater containment structure)

Permittee: _____ NJPDES Permit No: _____

Containment Structure Location: _____

The annual inspection of the above referenced vehicle wash wastewater containment structure was conducted on _____ (date). The containment structure and appurtenances have been inspected for:

1. The integrity of the structure including walls, floors, joints, seams, pumps and pipe connections
2. Leakage from the structure's piping, vacuum hose connections, etc.
2 Bursting potential of tank.
3. Transfer equipment
4. Venting
5. Overflow, spill control and maintenance.
6. Corrosion, splits, and perforations to tank, piping and vacuum hoses

The tank and appurtenances have been inspected for all of the above and have been determined to be:

Acceptable _____

Unacceptable _____

Conditionally Acceptable _____

List necessary repairs and other conditions: _____

_____

_____

_____

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment (N.J.A.C. 7:14A-2.4(d)).

Name (print): _____ Seal:

Signature: _____

Date: _____

Underground Vehicle Wash Water Storage Tank Use Log

Name and Address of Facility _____

Facility Permit Number _____

Tank ID Number _____ Tank Location _____

Tank Volume _____ gallons Tank Height _____ inches

95% Volume _____ gallons 95% Volume _____ inches

Date and Time	Inspector	Height of Product Before Introducing Liquid (inches)	Is Tank Less Than 95% Full? (Y/N)	Visual Inspection Pass? (Y/N)	Comments

Notes: The volume of liquid in the tank should be measured **before** each use.

Liquid **should not be introduced** if the tank contains liquid at 95% of the capacity or greater.

A visual inspection of all exposed portions of the collection system should be performed before each use. Use the comments column to document the inspection and any repairs.

Underground Vehicle Wash Water Storage Tank Pump Out Log

Name and Address of Facility _____

Facility Permit Number _____

Tank ID Number _____ Tank Location _____

Tank Volume _____ gallons

Date and Time of Pump Out	Volume of Liquid Removed	Waste Hauler *	Destination of the Liquid Disposal *

*** The Permittee must maintain copies of all hauling and disposal records and make them available for inspection.**