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June 22, 2020

VIA EMAIL

Constance Mahon, Business Administrator
Borough of Wildwood Crest
6101 Pacific Avenue
Wildwood Crest, NJ 08260

**Re: Borough of Wildwood Crest
Stormwater Pollution Prevention Plan (SPPP)
D&A File #: WWC-G-011**

Enclosed please find one (1) copy of the Borough's Stormwater Pollution Prevention Plan (SPPP).

Should you have any questions or require additional information, please do not hesitate to contact me at our office.

Very truly yours,
DeBlasio & Associates, P.C.



Marc DeBlasio, P.E., P.P., C.M.E.
President
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Cc: Joseph Bond, Public Works Director (via email w/encl.)
Patricia Feketics, Clerk (via email w/encl.)



**WILDWOOD
CREST**

Borough of Wildwood Crest
Cape May County, New Jersey

**Stormwater Pollution
Prevention Plan (SPPP)**

**June 9, 2017
Revised June 19, 2020**

Prepared by:

**DEBLASIO &
ASSOCIATES**

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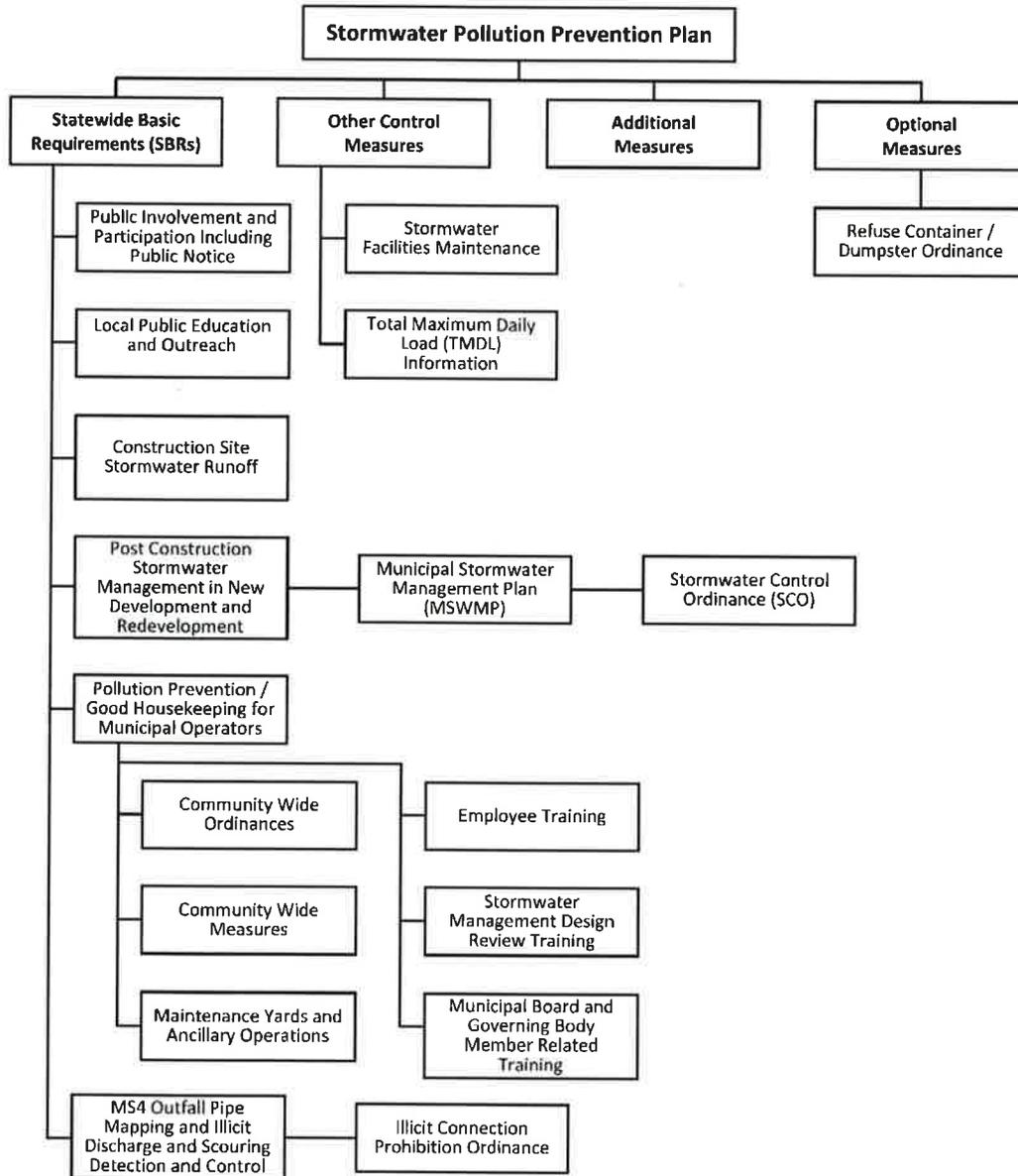
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Introduction

The chart below illustrates the organization of the Tier A MS4 NJPDES permit’s MS4 stormwater program requirements. The Stormwater Pollution Prevention Plan (SPPP) is the master working document of the MS4 stormwater program, as it contains the descriptions, records and forms necessary for documenting how the municipality is meeting the conditions of the Statewide Basic Requirements (SBRs), Other Control Measures and any Additional Measures and Optional Measures.

Municipal MS4 Stormwater Program Organization Chart



SPPP forms are provided on the Department web site at http://www.nj.gov/dep/dwq/tier_a_forms.htm. The forms may be printed and completed by hand, or as fillable form documents, which can be completed and saved for updates and revisions at a later time. A Tier A Municipality may develop personalized forms. However, it is important that the SPPP fully describe the municipality's stormwater program, including items required by the permit and specifics on implementation and record keeping.

When developing or updating an SPPP and related forms, it is important to include as much detailed information about the municipality's stormwater program as possible. In addition, when implementing the SPPP, it is important to keep up with the record keeping requirements and documentation related to SPPP implementation. The Department did not include forms for record keeping, since it is more efficient to use database software for this purpose, which allows easy updates and tracking of SPPP related activities. The location of the record keeping database should be noted in the SPPP. If printed copies are kept in the SPPP, the printed copies should be updated after any updates are made to the database. The Tier A Municipality must handle all record keeping requirements in a similar fashion. It is also acceptable to keep handwritten records.

Maintaining detailed, up-to-date SPPP forms and updated record keeping spreadsheets will make it easier for the municipality to complete the Annual Report and Certification that must be submitted each year. Further, having updated forms and updated spreadsheet will help to ensure permit compliance and continuity of work regardless of personnel changes within a municipality. A well-written and detailed SPPP will also make the annual inspections conducted by the Department's Water Compliance and Enforcement easier for both the Department and the Tier A Municipality.

The Tier A Municipality is not required to submit the SPPP to the Department. The Department will review the completed SPPP as part of regular compliance assistance inspections and on-site audits, and the SPPP may be reviewed by Department Enforcement personnel as part of the inspection process; the Stormwater Program Coordinator must have access to the document at all times. In addition, the SPPP must be available for use by municipal employees. It may be a good idea to have copies made for each member of the Stormwater Pollution Prevention Team with one person responsible for making updates or compiling record keeping data. The Tier A Municipality must also make the SPPP available to the public at reasonable times during regular business hours, and post it to the municipal website for public access.

The SPPP is a dynamic document that is never "completed." It must not be filed away in a drawer. The SPPP needs to be continually updated and revised as people, tasks and best management practices change. The best time for evaluating your Stormwater Program and SPPP, as well as making appropriate changes, revisions and updates, is upon completion of the Annual Report and Certification.

Contents of the SPPP: Municipal MS4 Stormwater Program Minimum Standards

The SPPP describes and documents how a Tier A Municipality is meeting the minimum standards contained within these four divisions of the Municipal MS4 Stormwater Program:

1. Statewide Basic Requirements (SBRs);
2. Other Control Measures;
3. Additional Measures; and
4. Optional Measures.

Statewide Basic Requirements (SBRs)

The Statewide Basic Requirements (SBRs) are the actions developed by the State to implement the Federal Six Minimum Measures. Detailed information on each of the following SBRs is found in Chapter 3 of this document. The SBRs include the following:

1. The *Public Involvement and Participation Including Public Notice* SBR requires compliance with all applicable State and local public notice requirements when providing for public participation in the development and implementation of a MS4 Stormwater Program;
2. The *Local Public Education and Outreach* SBR requires compliance with the established standards for implementing a public education and outreach program, for labeling storm drain inlets and for advertising public involvement programs pertaining to public education and outreach activities in the development and implementation of a MS4 Stormwater Program;
3. The *Construction Site Stormwater Runoff* SBR is not required in the SPPP because construction site stormwater runoff activities are authorized under a separate NJPDES permit;
4. The *Post Construction Stormwater Management in New Development and Redevelopment* SBR requires two key components be included in the SPPP:
 - The Municipal Stormwater Management Plan (MSWMP) is a significant component of the SPPP. The MSWMP is also a key element of the municipal master plan and it describes the Tier A Municipality's strategy, structure and process for addressing stormwater runoff from new development and redevelopment; and
 - The Stormwater Control Ordinance (SCO) is the means by which the minimum stormwater management requirements and controls for major development are established and the enforcement of the requirements are codified.
5. The *Pollution Prevention/Good Housekeeping for Municipal Operators* SBR for eliminating and/or minimizing stormwater pollution from public and municipal activities, and educating municipal employees and officials of their responsibilities includes a number of community-wide ordinances and measures to control solids and floatables:
 - Community Wide Ordinances for dealing with improper disposal of waste;

- Community Wide Measures for controlling solids and floatables;
 - BMPs for Municipal Maintenance Yards and Other Ancillary Operations for stormwater discharges from municipal maintenance yards and activities;
 - Employee Training for stormwater on topics applicable to title and duties;
 - Stormwater Management Design Review Training for engineers and others that review stormwater management designs for development and redevelopment projects; and
 - Municipal Board and Governing Body Member Related Training for board and council members that review and approve applications for development and redevelopment projects.
6. The *MS4 Outfall Pipe Mapping, and Illicit Discharge and Scouring Detection and Control SBR* for identifying and eliminating illicit discharges and stream channel erosion at municipal stormwater outfalls, which requires:
- The development, updating and maintenance of an MS4 outfall pipe map;
 - The development, updating and implementation of a program for detecting, investigating, and controlling any localized stream scour at outfall pipes owned or operated by the Tier A Municipality; and
 - The development, updating, implementation and enforcement of a program for detecting and eliminating illicit discharges.

Other Control Measures

Other Control Measures are the actions needed to supplement certain Statewide Basic Requirements designed to achieve elements of the Federal Six Minimum Measures. There are two main groups, for which detailed information is included in Chapter 4 of this document:

1. Stormwater Facilities Maintenance, which requires adequate long-term cleaning, operation and maintenance of all municipally owned or operated stormwater facilities, and requires development and enforcement of a program to *ensure* long-term cleaning, operation and maintenance of privately owned or operated stormwater facilities built after February 7, 1984; and
2. Total Maximum Daily Load (TMDL) Information, which is incorporated into the SPPP to identify pollutants listed in TMDLs for impaired waterbodies to supplement the SBRs and other control measures, as well as to promote municipal strategies for reducing pollutant discharges from MS4s.

Additional Measures

Additional Measures are specified by the Department only if required by a TMDL, regional stormwater management plan, other elements of an adopted area-wide Water Quality Management Plan or the adopted Statewide Water Quality Management Plan.

Optional Measures

Optional Measures are BMPs or control measures developed by the municipality at its own discretion to further prevent or reduce pollutant discharges from its MS4. Options such as these may be included in the SPPP, if desired:

- Wildlife Management;
- TMDLs as an Optional Measure;
- Retrofit of Existing Stormwater Management Measures;
- Road De-icing;
- Adoption of Abandoned Stormwater Management Facilities;
- Planting of Native Vegetation in Existing Landscapes;
- Digital Mapping;
- Refuse Container/Dumpster Ordinance; and
- Road Erosion Control.

Minimum Standards

The Tier A Municipality must develop, implement, update and maintain a written Stormwater Pollution Prevention Plan (SPPP) that documents how the municipality is meeting the conditions of the Statewide Basic Requirements (SBRs) and Other Control Measures, plus any Additional Measures and Optional Measures.

Basic Requirements

Municipal Stormwater Program Coordinator (Stormwater Coordinator) and SPPP Team Members

The Tier A Municipality must designate a Stormwater Coordinator and assign individuals to serve as members of the SPPP Team. The Stormwater Coordinator and SPPP Team members are to be identified on the *Stormwater Pollution Prevention Team Members* form. They are responsible for ensuring that the SPPP is properly developed, implemented, updated and maintained.

To be qualified for the Stormwater Coordinator position, the individual must:

1. Be a principal executive officer or a ranking elected official; or
2. Have overall responsibility for the operation of municipal stormwater facilities or municipal environmental matters, and is assigned to the position as a duly authorized representative by a principal executive officer or a ranking elected official.

Duties of the Stormwater Coordinator include:

1. Coordinating the implementation of the SPPP and Tier A NJPDES MS4 permit conditions;
2. Signing and dating the SPPP;
3. Coordinating the completion and online submittal of the Annual Report and Certification;
4. Certifying, signing and dating the Annual Report; and
5. Serving as point contact for the Department for communication related to the MS4 stormwater program.

When a change of Stormwater Coordinator brings a new individual into the position, the Department must be sent the new information within 30 days of the change taking place. The change notification may be sent to the Department any time of the year by using the *Stormwater Program Coordinator Information Update Sheet* posted at www.nj.gov/dep/dwq/pdf/msrp_update_form.pdf. The information may also be updated online during the first half of the year through the Annual Report and Certification submittal process. Having the proper Stormwater Coordinator contact information in the Department database will ensure that the Department will be able to provide the necessary updates and correspondence to the proper contact person.

Documenting the MS4 Stormwater Program Including Shared or Contracted Services

Documenting the implementation of the MS4 stormwater program includes providing a description of any shared or contracted services utilized. When another entity, such as a governmental, private, or nonprofit entity, is used to satisfy any of the Tier A MS4 NJPDES permit conditions, the SPPP must describe which best management practices (BMPs) or control measures are being implemented, and identify the entity that is providing these services.

These are the conditions that must be met when utilizing another entity to provide shared or contracted services:

- The entity is responsible for implementing the services;
- The services, whether provided in full or as a distinct part, must meet or exceed the Tier A MS4 NJPDES permit requirements;
- The entity must have a written agreement with the municipality, or be bound by law, to provide the services required by the Tier A MS4 NJPDES permit in the best interests of the municipality; and
- In the SPPP, the municipality must provide the name of the entity and which of the Tier A MS4 NJPDES permit conditions the entity is responsible for implementing.

As a reminder, the municipality must ensure that any shared or contracted services provided by a private contractor are done in compliance with the Tier A MS4 NJPDES permit.

Describing SBRs, Other Control Measures, Additional Measures and Optional Measures in the SPPP

For each BMP and control measure implemented to fulfill the Statewide Basic Requirements (SBRs), Other Control Measures, Additional Measures and any Optional Measures the municipality chooses to include in its stormwater program, the following must be included in the SPPP:

- A description of the method of implementation;
- Detailed record keeping as appropriate;
- An implementation schedule consistent with permit requirements, including interim milestones;
- Any special diagrams required by the permit (i.e., Storm Drain Inlet Labeling, Illicit Connection Elimination and Outfall Pipe Mapping);
- Inspection and maintenance schedules, as appropriate; and
- For shared responsibilities, a description of the measure(s) implemented and the entity(ies) responsible for the implementation (Not required for Optional Measures).

Measurable Goals

To meet the minimum standards of this permit, the Tier A Municipality must comply with the following:

- Develop and implement a written Stormwater Pollution Prevention Plan (SPPP);
- Maintain the SPPP by reviewing the documents at least annually and update it as often as needed to reflect changes in the municipality's MS4 stormwater program;
- Provide the current SPPP to the public upon request;
- Post the current SPPP on the municipality's website; and
- Post the current Municipal Stormwater Management Plan (MSWMP) and related ordinances on the municipality's website.

The Tier A Municipality is also required to both certify annually that all conditions of the SPPP were followed, and to maintain the records necessary to demonstrate compliance with the permit.

Implementation Schedule

Refer to the table listing the Implementation Schedule found on Page 1 of this Chapter.

1. Municipal Audit

The following information was provided from June 2020 interviews of Joseph Bond, Director of Public Works:

A. Storm Drain Inlet Labeling

Wildwood Crest Borough has labeled and marked all inlets and routinely checks inlets. Any inlets that have damaged or missing inlet labels will be replaced.

B. Outfall Mapping

The Borough has mapped all outfalls discharging into waterways identified for stormwater labeling above. Minimum requirement, per the regulations, is to show approximate location on tax maps/100-scale mapping. Existing Borough and County stormwater mapping, updated, will be used.

C. Illicit Connections

All Borough outfalls that discharge to waterways are inspected routinely for evidence of illicit connections (i.e., for pipe discharges after dry weather events). Dry weather defined as no rain for at least 3 days. Some discharges (sump pumps, street cleaning, residential car washing, etc.).

D. Yard Waste Collection

There is curbside no yard waste collection in Wildwood Crest Borough. Residents are instructed to bag or bind leaves and yard waste for temporary placement in the back yards of residences. Residents call the Borough Public Works to request pickups on an as-needed basis.

Residents may also drop off yard waste located on Bayview Drive between Newark Avenue and Jefferson Avenue.

There is ordinance prohibiting non-containerized wastes being placed on the road.

E. Street Sweeping

There is a requirement for monthly sweeping of all streets, weather and street surfaces permitting, which meet all of the following criteria:

- Commercial areas (non-residential) predominantly
- Borough owned and operated
- Curbed streets roads and highways
- Speed limit of 35 mph or less

The Borough of Wildwood Crest currently sweeps all of its streets in excess of the monthly MS4 standard. At a minimum, all Borough streets meeting the above referenced criteria will be swept at least monthly by DPW personnel, weather and street-surfaces permitting.

F. Stormwater Facility Maintenance

The Borough of Wildwood Crest's stormwater collection facilities are primarily inlets and piping.

All facilities must be inspected, maintained and/or repaired as necessary annually (e.g., cleaned or repaired as necessary to maintain functioning of systems). "System" only includes stormwater infrastructure owned and maintained by municipality.

The Borough of Wildwood Crest already cleans its inlets at least annually and will comply with this MS4 requirement.

G. Outfall Pipe Remediation

The Borough has mapped and inspects all outfalls discharging into waterways routinely for stormwater labeling above. Where repairs are necessary (e.g., for downstream erosion), Borough will prioritize, schedule repairs.

H. De-icing material storage

The Borough stores salt in a barn-like building in its public works yard. This facility meets both the interim and final MS4 deicing storage standards. In addition, sand is stored in an open bin at this yard, but the bin opening is over 50 feet away from the nearest stormwater inlet.

I. Employee Training Requirements

The Borough conducts annual Employee Training per its MS4 obligations. Employee training will be modified per the updated MS4 permit requirements.

SPPP Required Forms

- Form 1**– SPPP Team Members (permit cite IV F 1)
- Form 2**– Revision History(permit cite IV F 1)
- Form 3**– Public Involvement and Participation Including Public Notice (permit cite IV B 1)
- Form 4**– Public Education and Outreach (permit cite IV B 2and Attachment B)
- Form 5**– Post-Construction Stormwater Management in New Development and Redevelopment Program (permit cite IV B 4and Attachment D)
- Form 6**– Ordinances (permit cite IV B 5)
- Form 7**– Street Sweeping (permit cite IV B 5 b)
- Form 8**– Catch Basin and Storm Drain Inlets(permit cite IV B2, IV B5 bii, and Attachment C)
- Form 9**– Storm Drain Inlet Retrofitting (permit cite IV B 5 b)
- Form 10**– Municipal Maintenance Yards and Other Ancillary Operations (permit cite IV B 5 and Attachment E)
- Form 11**– Employee Training (permit cite IV B 5 d, e, f)
- Form 12**– Outfall Pipes(permit cite IV B 6 a, b, c)
- Form 13**– Stormwater Facilities Maintenance (permit cite IV C 1)
- Form 14**– Total Maximum Daily Load Information (permit cite IV C 2)
- Form 15**– Optional Measures (permit cite IV E 1 and IV E 2)

**SPPP Form 1 – SPPP Team
Members**

All records must be available upon request by
NJDEP.

Stormwater Program Coordinator (SPC)	
Print/Type Name and Title	Marc DeBlasio, PE, CME
Office Phone # and email	609-854-3311, marc@deblasioassoc.com
Signature/Date	
Individual(s) Responsible for Major Development Project Stormwater Management Review	
Print/Type Name and Title	Public Notice Coordinator, Patricia Feketics
Print/Type Name and Title	Public Works Coordinator, Joseph Bond
Print/Type Name and Title	Commissioner of Public Works, Don Cabrera
Print/Type Name and Title	
Print/Type Name and Title	
Other SPPP Team Members	
Print/Type Name and Title	Ordinance Coordinator, Patricia Feketics
Print/Type Name and Title	Employee Training Coordinator, Joseph Bond
Print/Type Name and Title	
Print/Type Name and Title	



SPPP Form 2 – Revision History

All records must be available upon request by
NJDEP.

	Revision Date	SPC Initials	SPPP Form Changed	Reason for Revision
1.	3/1/2009			Updating based on NJDEP requirements
2.	6/9/2017			Updating based on NJDEP requirements
3.	6/19/2020			Updating based on NJDEP requirements
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SPPP Form 3 – Public Involvement and Participation Including Public Notice

All records must be available upon request by NJDEP.

1. Website URL where the Stormwater Pollution Prevention Plan (SPPP) is posted online:	https://wildwoodcrest.org/images/Stormwater%20Pollution%20Prevention%20Plan.pdf
2. Date of most current SPPP:	Jun 19, 2020
3. Website URL where the Municipal Stormwater Management Plan (MSWMP) is posted online:	https://clerkshq.com//Content/WildwoodCrest-nj/books/code/wildwoodcrestc66.htm
4. Date of most current MSWMP:	Mar 26, 2019
5. Physical location and/or website URL where associated municipal records of public notices, meeting dates, minutes, etc. are kept:	https://wildwoodcrest.org/minutes.php
6. Describe how the permittee complies with applicable state and local public notice requirements when providing for public participation in the development and implementation of a MS4 stormwater program:	
<p>The Borough complies with applicable State and local public notice requirements when providing for public participation in the ongoing development and implementation of the MS4 stormwater program through the public notice which requires under the Open Public Meeting Act ("Sunshine Law, N.J.S.A 10: 4-6 et. seq.) the Borough of Wildwood Crest provides public notice in the manner that complies with the requirements of N.J.S.A. 40:49-1 et. seq. In addition, for municipal (e.g. adoption of municipal stormwater management plan) subject to public notice requirements in the Municipal Land Use Law (N.J.S.A 40:55D-1 ET. SEQ.) Wildwood Crest complies with all applicable requirements.</p>	

SPPP Form 4 – Public Education and Outreach

All records must be available upon request by NJDEP.

1. Describe how public education and outreach events are advertised. Include specific websites and/or physical locations where materials are available.

For our annual distribution, we mail the NJDEP brochure to our residents and businesses. The brochures are distributed with our Borough newsletter. Extra copies will be available at our library, public works facility and at our municipal building.

2. Describe how businesses and the general public within the municipality are educated about the hazards associated with illicit connections and improper disposal of waste.

We will make the NJDEP brochure and other educational materials available at our yearly event. Other materials may include pencils, magnets and keychains with environmental messages related to the required BMP topics. Civic groups with an interest in water quality protection are invited to set up their own booths during this event.

3. Indicate where public education and outreach records are maintained.

Records can be found at: 6101 Pacific Ave, Wildwood Crest, NJ 08260

SPPP Form 5 – Post-Construction Stormwater Management in New Development and Redevelopment Program

All records must be available upon request by NJDEP.

1. How does the municipality define 'major development'?

Any "development" that provides for ultimately disturbing one (1) or more acres of land. Disturbance for the purpose of this rule is the placement of impervious surface or exposure and/or movement of soil or bedrock or clearing, cutting, or removing of vegetation.

2. Does the municipality approach residential projects differently than it does for non-residential projects? If so, how?

The Borough does not indicate a different approach for residential or non-residential projects.

3. What process is in place to ensure that municipal projects meet the Stormwater Control Ordinance?

To control stormwater from new development and redevelopment projects throughout Wildwood Crest, (including projects we operate), we do the following:

We are already ensuring that all new residential development and redevelopment projects that are subject to the Residential Site Improvement Standards for stormwater management (including the NJDEP Stormwater Management rules, NJAC 7:8, referenced in those standards) are in compliance with those standards. Our planning and zoning boards ensure such compliance before issuing preliminary or final subdivision or site plan approvals under the Municipal Land Use Law.

Since the EDPA, Wildwood Crest has not constructed any new development or redevelopment projects on borough property. If we decide to construct such as project before our municipal stormwater control ordinance takes effect, we will ensure adequate long-term operation of BMPs for that project by requiring a project maintenance plan similar to the maintenance plan described in our draft of that ordinance, and by requiring and funding the implementation of that plan.

4. Describe the process for reviewing major development project applications for compliance with the Stormwater Control Ordinance (SCO) and Residential Site Improvement Standards(RSIS). Attach a flow chart if available.

Stormwater management measures for major development shall be developed to meet the erosion control, groundwater recharge, stormwater runoff quantity, and stormwater runoff quality standards in Section 66-4. To the maximum extent practical, these standards shall be met by incorporating nonstructural stormwater management strategies into the design. If these strategies alone are not sufficient to meet these standards, structural stormwater management measures necessary to meet these standards shall be incorporated into the design.

Stormwater Management 66-3

<p>5. Does the Municipal Stormwater Management Plan include a mitigation plan?</p>	<p>Yes. Stormwater Management 66-1 Scope and purpose</p>
<p>6. What is the physical location of approved applications for major development projects, Major Development Summary Sheets (permit att.D), and mitigation plans?</p>	<p>6101 Pacific Ave, Wildwood Crest, NJ 08260</p>



SPPP Form 6 – Ordinances

All records must be available upon request by
NJDEP.

Ordinance permit cite IV.B.1.b.iii	Date of Adoption	Ordinance	Was the DEP model ordinance adopted without change?	Entity responsible for enforcement
1. Pet Waste permit cite IV.B.5.a.i	06/22/16	1241-49	yes	Code Enforcement
2. Wildlife Feeding permit cite IV.B.5.a.ii	06/22/16	1241-45	yes	Code Enforcement
3. Litter Control permit cite IV.B.5.a.iii	06/22/16	1241-41	yes	Code Enforcement
4. Improper Disposal of Waste permit cite IV.B.5.a.iv	07/05/17	1257-2017	yes	Police Department
5. Containerized Yard Waste/ Yard Waste Collection Program permit cite IV.B.5.a.v	06/22/20 16	1241-37	yes	Public Works
6. Private Storm Drain Inlet Retrofitting permit cite IV.B.5.a.vi	06/01/20 10	1241-66-2	yes	Police Department
7. Stormwater Control Ordinance permit cite IV.B.4.g and IV.B.5.a.vii	03/21/20 16	1241-66-1	yes	Police Department
8. Illicit Connection Ordinance permit cite IV.B.5.a.vii and IV.B.6.d	07/05/20 17	1257-2017	yes	Police Department
9. Optional: Refuse Container/ Dumpster Ordinance permit cite IV.E.2	12/28/20 15	Chapter 22-9	yes	Code Enforcement
Indicate the location of records associated with ordinances and related enforcement actions:				
<p>Our code enforcement officers and local police officers enforce these ordinances. If someone is found to be in violation of an ordinance, they will be issued a written warning for first time offenses, and penalties will be issued for subsequent offenses.</p> <p>https://clerkshq.com/wildwoodcrest-nj</p>				

SPPP Form 7 – Street Sweeping

All records must be available upon request by NJDEP.

1. Provide a written description or attach a map indicating which streets are swept as required by the NJPDES permit. Describe the sweeping schedule and indicate if any of the streets are swept by another entity through a shared service arrangement.

Wildwood Crest shall sweep all Borough owned or operated curbed streets (including road or highways), with storm drains, that have posted speed limit of 35 mph or less (excluding all entrance and exit ramps), in predominantly commercial areas at a minimum of once per month, weather and street surface conditions permitting. The NJDEP encourages, but does not require, yearly sweeping of all streets in the municipality.

2. Provide a written description or attach a map indicating which streets are swept that are NOT required to be swept by the NJPDES permit. Describe the sweeping schedule and indicate if any of the streets are swept by another entity through a shared service arrangement.

Week 1: Mon- No Sweeping, Tues- Cresse to Sweet Briar - Both Sides, Wed- Wisteria to Rambler - North Side, Thurs- South Rambler to Toledo - Both Sides, Fri- Denver to Jefferson - Both Sides

Week 2: Mon- No Sweeping, Tues- Cresse to Sweet Briar - Including Point, Wed- Wisteria to Rambler, Thurs- South Rambler to Toledo - Both Sides, Fri- Denver to Jefferson - Both Sides

3. Does the municipality provide street sweeping services for other municipalities? If so, please describe the arrangements.

No

4. Indicate the location of records, including sweeping dates, areas swept, number of miles swept and total amount of wet tons collected each month. Note which records correspond to sweeping activities beyond what is required by the NJPDES permit, i.e., sweepings of streets within the municipality that are not required by permit to be swept or sweepings of streets outside of the municipality.

Wildwood Crest currently has a street sweeping schedule and routes in place schedules on file at the Public Works Office.

SPPP Form 8 – Catch Basins and Storm Drain Inlets

All records must be available upon request by NJDEP.

1. Describe the schedule for catch basin and storm drain inlet inspection, cleaning, and maintenance.
Annual inspection, cleaning and maintenance are completed by Public Works. See documents.
2. List the locations of catch basins and storm drain inlets with recurring problems, i.e., flooding, accumulated debris, etc.
East side of Pacific Ave, between Denver and Washington.
3. Describe what measures are taken to address issues for catch basins and storm drain inlets with recurring problems and how they are prioritized.
Catch basins are inspect and cleaned annually and issues that may be found are logged and repaired. Basins with problems that are out side of the Borough's ability to abate issue a contractor will be employee to abate.
4. Describe the inspection schedule and maintenance plan for storm drain inlet labels on storm drains that do not have permanent wording cast into the design.
The Borough has labeled all inlets on all roads within the Borough. The markers have the message "Drains to Waterway" and a picture of two turtles. During our annual catch basin cleaning prgram, we will be checking these labels to ensure they are still visible, and if they are not, we will ensure the labels are replaced immediately.
5. Indicate the location of records of catch basin and storm drain inlet inspections and the wet tons of materials collected during catch basin and storm drain inlet cleanings.
Wildwood Crest Public Works 120 W. Newark Ave., Wildwood Crest, NJ

SPPP Form 9 – Storm Drain Inlet Retrofitting

All records must be available upon request by NJDEP.

<p>1. Describe the procedure for ensuring that municipally owned storm drain inlets are retrofitted.</p>
<p>For all projects, Wildwood Crest Borough uses the NJDOT bicycle safe grate style and (if needed) a curb opening with a clear space no bigger than two (2) inches across the smallest dimension.</p>
<p>2. Describe the inspection process to verify that appropriate retrofits are completed on municipally owned storm drain inlets.</p>
<p>The Borough reviews specification, oversee and inspects installation of all retrofits to municipally owned storm drain inlets in compliance with MS4 Permit.</p>
<p>3. Describe the procedure for ensuring that privately owned storm drain inlets are retrofitted.</p>
<p>Code Enforcement are charged with review of site plans for privately owned storm drain inlet retrofitting.</p>
<p>4. Describe the inspection process to verify that appropriate retrofits are completed on privately owned storm drain inlets.</p>
<p>Construction officials are required to review and inspect all plans for privately owned storm drain.</p>

SPPP Form 10 – Municipal Maintenance Yards and Other Ancillary Operations

All records must be available upon request by NJDEP.

Complete separate forms for each municipal yard or ancillary operation location.

Address of municipal yard or ancillary operation:

120 W. Newark Avenue, Wildwood Crest, NJ

List all materials and machinery located at this location that are exposed to stormwater which could be a source of pollutant in a stormwater discharge:

Raw materials – Road De-icing Salt

Intermediate products –

Final products –

Waste materials –

By-products –

Machinery – Public Works equipment and vehicles

Fuel – Diesel and gasoline fuel tanks

Lubricants – Oils for public works equipment and vehicles

Solvents – Parts washer in vehicle maintenance

Detergents related to municipal maintenance yard or ancillary operations –

Other –

Borough of Wildwood Crest / Cape May County / NJPDES # NJG0150151 / 6/19/2020

STORMWATER POLLUTION PREVENTION PLAN

For each category below, describe the best management practices in place to ensure compliance with all requirements in permit Attachment E. If the activity in the category is not applicable for this location, indicate where it occurs.

Indicate the location of inspection logs and tracking forms associated with this municipal yard or ancillary operation, including documentation of conditions requiring attention and remedial actions that have been taken or have been planned.

1. Fueling Operations

Establish, maintain and implement standard operating procedures to address vehicle fueling; receipt of bulk fuel deliveries; and inspection and maintenance of storage tanks, including the associated piping and fuel pumps. Additional requirements in permit Attachment E will be fulfilled.

2. Vehicle Maintenance

Operate and maintain equipment to prevent the exposure of pollutants to stormwater. Whenever possible, conduct vehicle and equipment maintenance activities indoors. For projects that must be conducted outdoors, and that last more than one day, portable tents or covers shall be placed over the equipment being serviced when not being worked on, and drip pans shall be used at all times. Use designated areas away from storm drains or block storm drain inlets when vehicle and equipment maintenance is being conducted outdoors.

3. On-Site Equipment and Vehicle Washing

See permit attachment E for certification and log forms for Underground Storage Tanks.

Manage any equipment and vehicle washing activities so that there are no unpermitted discharges of wash wastewater to storm sewer inlets or to waters of the State. Additional requirements in permit Attachment E will be fulfilled.

4. Discharge of Stormwater from Secondary Containment

The discharge pipe/outfall from a secondary containment area (e.g. fuel storage, de-icing solution storage, brine solution) shall have a valve and the valve shall remain closed at all times except as described below. A municipality may discharge stormwater accumulated in a secondary containment area if a visual inspection is performed to ensure that the contents of aboveground storage tank have not come in contact with the stormwater to be discharged. Visual inspections are only effective when dealing with materials that can be observed, like petroleum. Additional requirements in permit Attachment E will be fulfilled.

<p>5. Salt and De-Icing Material Storage and Handling</p>
<p>The Borough of Wildwood Crest uses de-icing materials, tarped and stored in a barn style shed under a roof. The roof may need to be extended to meet future needs.</p>
<p>6. Aggregate Material and Construction Debris Storage</p>
<p>Store materials such as sand, gravel, stone, top soil, road millings, waste concrete, asphalt, brick, block and asphalt based roofing scrap and processed aggregate in such a manner as to minimize stormwater run-on and aggregate run-off via surface grading, dikes and/or berms (which may include sand bags, hay bales and curbing, among others) or three sided storage bays. Where possible the open side of storage bays shall be situated on the upslope. The area in front of storage bays and adjacent to storage areas shall be swept clean after loading/unloading. Additional requirements in permit Attachment E will be fulfilled.</p>
<p>7. Street Sweepings, Catch Basin Clean Out and Other Material Storage</p>
<p>Yard trimmings or wood waste management sites must be operated in a manner that:</p> <ul style="list-style-type: none"> a. Diverts stormwater away from yard trimmings and wood waste management operations; and b. Minimizes or eliminates the exposure of yard trimmings, wood waste and related materials to stormwater. <p>Additional requirements in permit Attachment E will be fulfilled.</p>
<p>8. Yard Trimmings and Wood Waste Management Sites</p>
<p>Yard trimmings or wood waste management sites must be operated in a manner that:</p> <ul style="list-style-type: none"> a. Diverts stormwater away from yard trimmings and wood waste management operations; and b. Minimizes or eliminates the exposure of yard trimmings, wood waste and related materials to stormwater. <p>Additional requirements in permit Attachment E will be fulfilled.</p>
<p>9. Roadside Vegetation Management</p>
<p>Tier A Municipalities shall restrict the application of herbicides along roadsides in order to prevent it from being washed by stormwater into the waters of the State and to prevent erosion caused by de-vegetation, as follows: Tier A Municipalities shall not apply herbicides on or adjacent to storm drain inlets, on steeply sloping ground, along curb lines, and along unobstructed shoulders. Tier A Municipalities shall only apply herbicides within a 2 foot radius around structures where overgrowth presents a safety hazard and where it is unsafe to mow.</p>



SPPP Form 11 – Employee Training

All records must be available upon request by NJDEP.

A. Municipal Employee Training: 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.

Topic	Frequency	Title of trainer or office to conduct training
1. Maintenance Yard Operations (including Ancillary Operations)	Every year	Public Works Employees
2. Stormwater Facility Maintenance	Every year	Public Works Employees
3. SPPP Training & Recordkeeping	Every year	Public Works Employees
4. Yard Waste Collection Program	Every 2 years	Public Works Employees
5. Street Sweeping	Every 2 years	Public Works Employees
6. Illicit Connection Elimination and Outfall Pipe Mapping	Every 2 years	Public Works Employees
7. Outfall Pipe Stream Scouring Detection and Control	Every 2 years	Public Works Employees
8. Waste Disposal Education	Every 2 years	Public Works Employees
9. Municipal Ordinances	Every 2 years	Code Enforcement, Local Police
10. Construction Activity/Post-Construction Stormwater Management in New Development and Redevelopment	Every 2 years	Public Works Employees

B. Municipal Board and Governing Body Members Training: 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.

C. Stormwater Management Design Reviewer Training: 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.

SPPP Form 12 – Outfall Pipes

All records must be available upon request by NJDEP.

1. **Mapping:** Attach an image or provide a link to the most current outfall pipe map. Maps shall be updated at the end of each calendar year.

Note that ALL maps must be electronic by 21 Dec 2020 via the DEP's designated electronic submission service. For details, see http://www.nj.gov/dep/dwg/msrp_map_aid.htm.

2. **Inspections:** Describe the outfall pipe inspection schedule and indicate the location of records of dates, locations, and findings.

The Borough routinely inspects all outfall pipes. Where repairs are necessary (e.g., for downstream erosion), Borough will prioritize, schedule repairs. Location of records can be found at Wildwood Crest Public Works, 120 W. Newark Ave., Wildwood Crest, NJ.

3. **Stream Scouring:** Describe the program in place to detect, investigate and control localized stream scouring from stormwater outfall pipes. Indicate the location of records related to cases of localized stream scouring. Such records must include the contributing source(s) of stormwater, recommended corrective action, and a prioritized list and schedule to remediate scouring cases.

During the inspection of stormwater outfall pipes by Public Works Water & Sewer department stream scouring is checked. The Borough has found no scouring at the location of outfalls within the Borough. If at the time of inspection stream scouring is found the date found, the location found the methods of repaired will be recorded and noted on this form.

4. **Illicit Discharges:** Describe the program in place for conducting visual dry weather inspections of municipally owned or operated outfall pipes. Record cases of illicit discharges using the DEP's Illicit Connection Inspection Report Form (www.nj.gov/dep/dwq/tier_a_forms.htm) and indicate the location of these forms and related illicit discharge records.

Note that Illicit Connection Inspection Report Forms shall be included in the SPPP and submitted to DEP with the annual report.

The Borough annually inspects all outfalls when cleaning of inlets are performed. The inspection are completed during days with no precipitation. The Public Works department will also inspect outfall for illicit connection frequently from the waterways by motor launch during dry weather conditions. Conditions of outfall pipe, check valves, duckbills, bulkhead and possible discharge from illicit connection are part of those inspection. If discharge from possible illicit connection are noted the department will inspect inlets to trace back to the source of discharge to alert code enforcement of possible violations.

SPPP Form 13 – Stormwater Facilities Maintenance

All records must be available upon request by NJDEP.

1. Detail the program in place for the long-term cleaning, operation and maintenance of each stormwater facility owned or operated by the municipality.

The Borough Public Works department has an annual cleaning and maintenance program for all stormwater facilities. The program include Inspection of grates, collars, vaults, outfall pipes, duckbills and check valves. Cleaning of all of the mentioned element of the stormwater system are cleaned of all debris and sediment by a jet-vector truck. Maintenance or repairs needed at any location is recorded and schedule with Public Works department on our Public Works contact system. Descriptions of repairs are recorded on the system as documentation.

2. Detail the program in place for ensuring the long-term cleaning, operation and maintenance of each stormwater facility NOT owned or operated by the municipality.

Stormwater facilities not owned by the Borough are owned by the County of Cape May. Those facilities are cleaned by the Boroughs Public Works department. Any issues regarding maintenance are forwarded to the County for repairs.

3. Indicate the location(s) of the Stormwater Facilities Inspection and Maintenance Logs listing the type of stormwater facilities inspected, location information, inspection dates, inspectorname(s), findings, preventative and corrective maintenance performed.

See Map and Logs

Note that maintenance activities must be reported in the annual report and records must be available upon request. DEP maintenance log templates are available at http://www.nj.gov/dep/stormwater/maintenance_guidance.htm (select specific logs from choices listed in the Field Manuals section).

Additional Resources: The NJ Hydrologic Modeling Database contains information and maps of stormwater management basins. To view the database map, see <https://hydro.rutgers.edu>. To download data in an Excel format, see https://hydro.rutgers.edu/public_data/.

SPPP Form 14 – Total Maximum Daily Load Information

All records must be available upon request by NJDEP.

1. Using the Total Maximum Daily Load (TMDL) reports provided on www.nj.gov/dep/dwq/msrp-tmdl-rh.htm, list adopted TMDLs for the municipality, parameters addressed, and the affected water bodies that impact the municipality's MS4 program.

Applicable Shellfish TMDL(s):

Jarvis Sound-A: Ten Total Maximum Daily Loads for Total Coliform to Address Shellfish-Impaired Waters in Watershed Management Area 16

Jarvis Sound-B: Ten Total Maximum Daily Loads for Total Coliform to Address Shellfish-Impaired Waters in Watershed Management Area 16

Jarvis Sound-B: Ten Total Maximum Daily Loads for Total Coliform to Address Shellfish-Impaired Waters in Watershed Management Area 16

2. Describe how the permittee uses TMDL information to prioritize stormwater facilities maintenance projects and to address specific sources of stormwater pollutants.

Wildwood Crest Borough uses TMDL information to prioritize stormwater facilities, maintenance projects by using preventative measures to reduce the risk of improper disposal of harmful contaminants.

SPPP Form 15 – Optional Measures

All records must be available upon request by
NJDEP.

1. Describe any Best Management Practice(s) the permittee has developed that extend beyond the requirements of the Tier A MS4 NJPDES permit that prevents or reduces water pollution.

See Borough Code: Chapter 55 Stormwater Control

2. Has the permittee adopted a Refuse Container/Dumpster Ordinance?

YES

See Borough Code: Chapter 22 Construction- Section 9: Dumpsters and debris containers

NJPDES PERMIT TIER A REQUIREMENTS

Attachment A – Measurable Goals and Implementation Schedule for Existing Permittees..4.2

Attachment B – Point System for Public Education and Outreach Activities.....4.3

Attachment C – Design Standards for Storm Drain Inlets4.4

Attachment D – Major Development Stormwater Summary.....4.5

Attachment E – Best Management Practices for Municipal Maintenance Yards and Other Ancillary Operations.....4.6

Attachment A – Measurable Goals and Implementation Schedule for Existing Permittees

General

The following table specifies the Measurable Goals and Implementation Schedule of this Tier A MS4 NJPDES Permit for Existing Permittees. Each Measurable Goal and Implementation Schedule is associated with a permit citation and a summary of the associated Minimum Standard. The summary of Minimum Standard column represents a paraphrase of permit conditions. Actual Minimum Standards are found in Part IV of the permit.

An indication of whether the cited Minimum Standard is a new requirement is provided in the last column. Where a requirement is not new and not modified (and for some that are modified), the Existing Permittee is expected to be in compliance on the Effective Date of Permit Authorization (EDPA). For most new requirements (and for some modified requirements), additional time is provided for achieving compliance.

See below for specific Measurable Goals that shall be documented in the SPPP. **The SPPP shall be updated as required by Part IV.F.1.c, above.** The Implementation Schedule refers to the date that a Minimum Standard must be incorporated into the Tier A Municipality's stormwater program, along with any ongoing requirements. In addition to the requirements of Part IV.F.1 above, the SPPP shall identify and discuss the Minimum Standard of each Statewide Basic Requirement (Part IV.B, above) and Other Control Measures (Part IV.C, above) where the following information is required for each item:

- Describe the method of implementation;
- Include required recordkeeping;
- Include an implementation schedule, consistent with permit requirements, including interim milestones;
- Include any special diagrams required by the permit (e.g., stormwater facilities map); and
- Include inspection and maintenance schedules, as appropriate.

This table does not include Measurable Goals and an Implementation Schedule for the Notes and Definitions Part IV, Part IV.A (Permit Overview), Part IV.D (Additional Measures), IV.E (Optional Measures), IV.F (SPPP), and IV.G (Annual Report and Certification) because these are not Statewide Basic Requirements or Other Control Measures (see N.J.A.C. 7:14A-25.6). While not included in this table, Notes and Definitions Part IV, Part IV.A, D, E, F, and G are permit requirements and compliance is required.

Measurable Goals for Statewide Basic Requirements and Other Conditions of this Permit for Existing Permittees

Summary of Minimum Standard (See Part IV for specific permit requirements)	Permit Cite	Measurable Goal (See Part IV for specific permit requirements)	Implementation Schedule	New Requirement?
Public Involvement and Participation Including Public Notice Provide for public notice under the Open Public Meetings Act, statutory procedures for enactment of ordinances, and Municipal Land Use Law when providing for public participation in the development and implementation of a stormwater program, and maintain records necessary to demonstrate compliance.	IV.B.1.a & d	Certify in each annual report that all public notice requirements have been met and relevant records kept. Reference in the SPPP the location of associated municipal records.	EDPA	No
Provide the current SPPP to the public upon request.	IV.B.1.b.i	Certify in each annual report that the SPPP was made available to the public.	EDPA	No
Post the current SPPP on the municipality's website.	IV.B.1.b.ii	Certify in each annual report that the SPPP has been posted on the municipality's website (to the extent required by Part IV.F.1.f) and that the posted SPPP is current.	EDPA + 90 days	Yes
Post the current Municipal Stormwater Management Plan (MSWMP) and related ordinances on the municipality's website.	IV.B.1.b.iii	Certify in each annual report that the MSWMP and related ordinances have been posted on the municipality's website and that the posted documents are current.	EDPA + 90 days	Yes
Local Public Education and Outreach				
Implementation of a Public Education and Outreach Program by conducting activities that total a minimum of 12 points on an annual basis.	IV.B.2.a	Certify in each annual report that the minimum point value has been met and report point totals in the Annual Report. Maintain records of materials and activities from Attachment B, including dates of activities and any other relevant documentation (e.g. brochures, pictures, sign-in sheets, press clippings).	EDPA	Modified
Label storm drain inlets, maintain the legibility of those labels, and replace labels that are missing or not legible along sidewalks that are adjacent to municipal streets; and within plazas, parking areas or maintenance yards operated by the municipality.	IV.B.2.b	Certify in each annual report that storm drains have been properly labeled and/or maintained. Records tracking storm drain inlet label status shall be kept with the SPPP.	EDPA	No

Summary of Minimum Standard (See Part IV for specific permit requirements)	Permit Cite	Measurable Goal (See Part IV for specific permit requirements)	Implementation Schedule	New Requirement?
Advertise public involvement program(s) pertaining to education and outreach activities.	IV.B.2.c	Certify in each annual report that public involvement program(s) have been properly advertised on the website, through a mailing, through newspaper advertisement, or other similar means. Public advertisement records shall be kept with the SPPP.	EDPA + 12 months	Yes
Post Construction Stormwater Management in New Development and Redevelopment				
Develop, update, implement and enforce its post construction stormwater management program in new development and redevelopment to ensure compliance with the Stormwater Management rules (N.J.A.C. 7:8).	IV.B.4.a, b, c, d, e, f, g, h, i, j, l	Certify in each annual report that the Tier A Municipality has developed, and is implementing and enforcing a program to address stormwater runoff from new development and redevelopment projects. Records demonstrating compliance with Part IV.B.4 shall be kept, or their location shall be referenced, in the SPPP.	EDPA	No
For each structural and non-structural stormwater measure (e.g. basins), for which an application is made to the municipality after EDPA, the municipality shall complete, update, finalize and maintain a Major Development Stormwater Summary.	IV.B.4.k	Certify in each annual report that Major Development Stormwater Summaries (Attachment D) have been completed and records have been maintained by the Tier A municipality. Records demonstrating compliance with Part IV.B.4 shall be kept, or their location shall be referenced, in the SPPP.	EDPA	Yes
Pollution Prevention/Good Housekeeping - Community Wide Ordinances				
Adopt and enforce a pet waste ordinance. Distribute pet waste ordinance information with pet licenses.	IV.B.5.a.i	Certify in each annual report the date the ordinance was adopted, that it is being enforced and that pet waste ordinance information is distributed with pet licenses. A log of enforcement actions and information distribution dates shall be kept in the SPPP.	EDPA	No
Adopt and enforce a wildlife feeding ordinance.	IV.B.5.a.ii	Certify in each annual report the date the ordinance was adopted and that it is being enforced. A log of enforcement actions shall be kept in the SPPP.	EDPA	No

Summary of Minimum Standard (See Part IV for specific permit requirements)	Permit Cite	Measurable Goal (See Part IV for specific permit requirements)	Implementation Schedule	New Requirement?
Adopt and enforce a litter control ordinance.	IV.B.5.a.iii	Certify in each annual report the date the ordinance was adopted and that it is being enforced. A log of enforcement actions shall be kept in the SPPP.	EDPA	No
Adopt and enforce an improper disposal of waste ordinance.	IV.B.5.a.iv	Certify in each annual report the date the ordinance was adopted and that it is being enforced. A log of enforcement actions shall be kept in the SPPP.	EDPA	No
Adopt and enforce a containerized yard waste / yard waste collection program ordinance.	IV.B.5.a.v	Certify in each annual report the date the ordinance was adopted and that it is being enforced. A log of enforcement actions shall be kept in the SPPP.	EDPA	No
Adopt and enforce a private storm drain inlet retrofitting ordinance	IV.B.5.a.vi	Certify in each annual report the date the ordinance was adopted and that it is being enforced. A log of enforcement actions shall be kept in the SPPP.	EDPA	No
Pollution Prevention/Good Housekeeping - Community Wide Measures				
Develop and continue to implement street sweeping measures as specified at Part IV.B.5.b.i.	IV.B.5.b.i	Certify in each annual report that a street sweeping schedule is being maintained as well as records including the date and areas swept, number of miles of streets swept, and the total amount of materials collected in wet tons. Include totals in the Annual Report and keep records in the SPPP.	EDPA	No
Develop and continue to implement catch basin and storm drain inlet inspection and cleaning measures as specified at Part IV.B.5.b.ii.	IV.B.5.b.ii	Certify in each annual report that a catch basin and storm drain inlet inspection and cleaning schedule is being maintained, and a log indicating the number of municipally owned and operated catch basins and inlets within the municipality, the number of catch basins and inlets inspected, and the number cleaned is being maintained. Maintain records documenting the amount of materials collected in wet tons during cleaning activities in the SPPP. Include totals in the Annual Report.	EDPA	Modified

Summary of Minimum Standard (See Part IV for specific permit requirements)	Permit Cite	Measurable Goal (See Part IV for specific permit requirements)	Implementation Schedule	New Requirement?
Develop and continue to implement storm drain inlet retrofit measures as specified at Part IV.B.5.b.iii.	IV.B.5.b.iii	Certify in each annual report that a record of the number and location of storm drain inlets retrofitted as well as the number and location of storm drain inlets exempted is being maintained. Include totals in the Annual Report and keep records in the SPPP.	EDPA	No
Pollution Prevention/Good Housekeeping - Municipal Maintenance Yards and Other Ancillary Operations				
Implement the BMP's found in Attachment E, including the Inventory of Materials and Machinery, and Inspections and Good Housekeeping practices, at Municipal Maintenance Yards and Other Ancillary Operations.	IV.B.5.c	Certify in each annual report that the SPPP includes all applicable requirements and that the requirements (including maintenance of inspection logs and tracking forms) of Attachment E have been met. Keep records required by Attachment E in the SPPP.	EDPA	No
BMPs shall be implemented for fueling operations.	IV.B.5.c.i	Certify in each annual report that BMPs in Attachment E have been implemented for fueling operations.	EDPA	No
BMPs shall be implemented for discharge of stormwater from secondary containment.	IV.B.5.c.ii	Certify in each annual report that BMPs in Attachment E have been implemented for discharge of stormwater from secondary containment.	EDPA	No
BMPs shall be implemented for vehicle maintenance.	IV.B.5.c.iii	Certify in each annual report that BMPs in Attachment E have been implemented for vehicle maintenance.	EDPA	No
BMPs shall be implemented for on-site equipment and vehicle washing and wash wastewater containment.	IV.B.5.c.iv	Certify in each annual report that BMPs in Attachment E have been implemented for on-site equipment and vehicle washing and wash wastewater containment.	EDPA	Modified
BMPs shall be implemented for salt and de-icing material storage and handling.	IV.B.5.c.v	Certify in each annual report that BMPs in Attachment E have been implemented for salt and de-icing material storage and handling.	EDPA	No
BMPs shall be implemented for aggregate material and construction debris storage.	IV.B.5.c.vi	Certify in each annual report that BMPs in Attachment E have been implemented for aggregate material and construction debris storage.	EDPA + 12 months	Yes

Summary of Minimum Standard (See Part IV for specific permit requirements)	Permit Cite	Measurable Goal (See Part IV for specific permit requirements)	Implementation Schedule	New Requirement?
BMPs shall be implemented for street sweepings and catch basin clean-out material storage.	IV.B.5.c.vii	Certify in each annual report that BMPs in Attachment E have been implemented for street sweepings and catch basin clean-out material storage.	EDPA + 12 months	Yes
BMPs shall be implemented for yard trimmings and wood waste management sites.	IV.B.5.c.viii	Certify in each annual report that BMPs in Attachment E have been implemented for yard trimmings and wood waste management sites.	EDPA + 12 months	Yes
BMPs shall be implemented for roadside vegetation management.	IV.B.5.c.ix	Certify in each annual report that BMPs in Attachment E have been implemented for roadside vegetation management.	EDPA + 12 months	Yes
Pollution Prevention/Good Housekeeping - Training Program				
Provide training to municipal employees within 3 months of commencement of duties, and at least once every two years thereafter, to address all required components. The exceptions are Part IV.B.5.d.v, viii, and x which require annual training instead of once every two years.	IV.B.5.d	Certify in each annual report that employee training has been conducted, and maintain records including sign in sheet(s), date(s) of training, and training agenda(s). These records shall be kept in the SPPP.	EDPA + 12 months	Modified
Ensure that individuals that review development and redevelopment projects for compliance with N.J.A.C. 7:8 on behalf of the municipality complete Department approved training once every five years.	IV.B.5.e	Certify in each annual report that individuals reviewing projects have completed the required training, and maintain a list of the names and dates that individuals received training. This list shall be kept in the SPPP.	EDPA + 12 months	Yes
Ensure that current Municipal Board and Governing Body Members that review and approve applications for development and redevelopment projects complete the "Training Tool" on or before EDPA + 6 months, and by new members within 6 months of commencement of duties. Once per term of service thereafter, Municipal Board and Governing Body Members must review at least one of the tools offered under the Post-Construction Stormwater Management website.	IV.B.5.f	Certify in each annual report that municipal board and governing body members have completed the necessary trainings, and maintain a list of the names and dates that individuals completed training. This list shall be kept in the SPPP.	EDPA + 6 months	Yes

Summary of Minimum Standard (See Part IV for specific permit requirements)	Permit Cite	Measurable Goal (See Part IV for specific permit requirements)	Implementation Schedule	New Requirement?
MS4 Outfall Pipe Mapping and Illicit Discharge and Scouring Detection and Control Develop, update and maintain an MS4 Outfall Pipe Map showing the location of the end of all outfall pipe which discharge to a surface water body.	IV.B.6.a.i	Certify in each annual report that the outfall pipe map is current at the end of the calendar year.	EDPA	No
Show the location (and name where known) of all surface water bodies receiving discharges from those outfall pipes.	IV.B.6.a.ii	Certify in each annual report that the surface water bodies associated with each outfall pipe end is located on the map.	EDPA	No
Include Outfall Pipe map in the SPPP	IV.B.6.a.iii	Certify in each annual report following the implementation deadline that the Outfall Pipe Map is included in the SPPP.	EDPA +12 months	Yes
Provide Outfall Pipe Map to the Department	IV.B.6.a.iv	Certify in each annual report following the implementation deadline that the Outfall Pipe Map and any new data points subsequently added to the map have been provided to the Department.	EDPA +12 months	Yes
Submitted the Outfall Pipe Map information to the Department electronically by December 21, 2020	IV.B.6.a.v	Submit the Outfall Pipe Map information to the Department using Department's designated electronic submission service by December 21, 2020.	12/21/2020	Yes
Develop, update and implement a program to detect, investigate and control localized stream scouring from stormwater outfall pipes.	IV.B.6.b	Certify in each annual report that municipally owned outfall pipes have received the required visual inspection at least once every five years and maintain a log indicating the number and location of outfall pipes inspected, repairs prioritized, and repairs scheduled or performed. Certify in the annual report that a repair schedule has been prepared for those that have not been completed. Keep records required by Part IV.B.6.b in the SPPP.	EDPA + 12 months	Modified

Summary of Minimum Standard (See Part IV for specific permit requirements)	Permit Cite	Measurable Goal (See Part IV for specific permit requirements)	Implementation Schedule	New Requirement?
Develop, update, implement and enforce an ongoing Illicit Discharge Detection and Elimination Program.	IV.B.6.c	Certify in each annual report that the municipality has developed a program to detect and eliminate illicit discharges and has conducted inspections required at Part IV.B.6.c at least once every five years. Document all investigations and actions taken on the Department's Illicit Connection Inspection Report Form. Keep records required by Part IV.B.6.c in the SPPP.	EDPA	Modified
Adopt and enforce an ordinance that prohibits illicit connections to the MS4 operated by the Tier A Municipality.	IV.B.6.d	Certify in each annual report that the ordinance is being maintained and the date it was adopted. A log of enforcement actions shall be kept in the SPPP.	EDPA	No
Stormwater Facilities Maintenance				
Develop, update and implement a program to ensure adequate long-term cleaning, operation and maintenance of all stormwater facilities owned or operated by the Tier A Municipality.	IV.C.1.a	Certify in each annual report that the municipality has developed, updated and implemented a program to ensure adequate long-term cleaning, operation and maintenance of all municipally owned stormwater facilities. Records required by Part IV.C.1.a, a.i, a.ii, a.iii and a.iv shall be kept, or their location shall be referenced, in the SPPP.	EDPA	Modified
Inspect and maintain stormwater facilities pursuant to any maintenance plans, or more frequently as needed, to ensure proper function and operation of each stormwater facility.	IV.C.1.a.i	Certify in each annual report that inspections and maintenance was performed pursuant to any maintenance plans, or more frequently as needed, to ensure proper function and operation of stormwater facilities.	EDPA	Modified

Summary of Minimum Standard (See Part IV for specific permit requirements)	Permit Cite	Measurable Goal (See Part IV for specific permit requirements)	Implementation Schedule	New Requirement?
Maintain a log sufficient to demonstrate compliance with this section; including but not limited a list of inspections and preventative and corrective maintenance performed, and a schedule for repairs to be made.	IV.C.1.a.ii	Certify in each annual report that a maintenance log is kept that, at a minimum, records the stormwater facility inspected, location information of the facility inspected (location information must be specific enough to locate and identify the stormwater facility in the field; e.g. geographic coordinates), name of inspector, date of inspection, findings, and any preventative and corrective maintenance performed.	EDPA	Modified
Certify annually that municipally owned or operated stormwater facilities are properly functioning.	IV.C.1.a.iii	Certify in each annual report that all municipally owned or operated stormwater facilities are properly functioning.	EDPA	No
If stormwater facilities were found not to be functioning properly and repairs not made, then necessary preventative and corrective maintenance shall be documented and prioritized and a schedule for maintenance shall be maintained.	IV.C.1.a.iv	Certify in each annual report that a prioritized schedule of necessary preventive and corrective maintenance exists for stormwater facilities inspected and found not to be functioning properly. The municipality shall prioritize this schedule as specified in Part IV.C.1.iv.	EDPA	Modified
Develop, update, implement and enforce a program to ensure adequate long-term cleaning, operation and maintenance of stormwater facilities not owned or operated by the Tier A Municipality, not subject to the conditions of another NJPDES stormwater permit and constructed after February 7, 1984.	IV.C.1.b	Certify in each annual report that the municipality has developed, updated, implemented and enforced a program to ensure adequate long-term cleaning, operation and maintenance of stormwater facilities not owned and operated by the municipality, not subject to the conditions of another NJPDES stormwater permit and constructed after February 7, 1984. Records required by Part IV.C.1.b, b.i and b.ii shall be kept, or their location shall be referenced, in the SPPP.	EDPA + 12 months	Modified

Summary of Minimum Standard (See Part IV for specific permit requirements)	Permit Cite	Measurable Goal (See Part IV for specific permit requirements)	Implementation Schedule	New Requirement?
Ensure that stormwater facility inspection and maintenance is performed pursuant to any maintenance plans, or more frequently as needed to ensure proper function and operation of each stormwater facility. Maintain a log sufficient to demonstrate compliance with this section; including but not limited actions taken by the municipality to enforce compliance with the long-term cleaning, operation and maintenance program.	IV.C.1.b.i	Certify in each annual report that maintenance was performed pursuant to any maintenance plans, or more frequently, to ensure proper function and operation of stormwater facilities not owned and operated by the municipality.	EDPA + 12 months	Modified
	IV.C.1.b.ii	Certify in each annual report that a log is being kept that, at a minimum, records the actions taken by the municipality to enforce compliance with the long-term cleaning, operation and maintenance program; the stormwater facility that was the subject of the action; location information of the facility that was the subject of the action (location information must be specific enough to locate and identify the stormwater facility in the field; e.g. geographic coordinates); the name of person taking the action; the date of the action; and the findings.	EDPA + 12 months	Modified
Maintain copies of all maintenance plans for stormwater facilities approved by the municipality, and make them available to the Department upon request.	IV.C.1.c	Certify in each annual report that copies of all maintenance plans are kept on file. Records required by Part IV.C.1.c shall be kept, or their location shall be referenced, in the SPPP.	EDPA + 12 months	Yes
Total Maximum Daily Load (TMDL) Info.				
Annually review approved or adopted TMDL reports to identify stormwater related pollutants listed therein and associated with any segment of surface water wholly or partially within or bordering the Tier A Municipality.	IV.C.2.a.i	Certify in each annual report that approved or adopted TMDLs have been identified and reviewed and stormwater related pollutants identified. Records required by Part IV.C.2.a.i, a.ii and a.iii shall be kept in the SPPP.	EDPA + 12 months	Yes

Summary of Minimum Standard (See Part IV for specific permit requirements)	Permit Cite	Measurable Goal (See Part IV for specific permit requirements)	Implementation Schedule	New Requirement?
Use TMDL information identified in compliance with Part IV.C.2.a.i to: (1) assist in the prioritization of stormwater facility maintenance including schedules for repairs related to Stream Scouring and Stormwater Facilities Maintenance; and (2) identify and develop strategies to address specific sources of stormwater related pollutants contributing to discharges authorized under this Tier A MS4 NJPDES permit.	IV.C.2.a.ii	Certify in each annual report that the municipality has used information identified in compliance with Part VI.C.2.a.i to (1) assist in the prioritization of repairs as required at Part IV.B.6.b.iv (Stream Scouring) and IV.C.31.a.iv (Stormwater Facilities Maintenance); and (2) identify and develop strategies to address specific sources of stormwater related pollutants contributing to discharges authorized under this Tier A MS4 NJPDES permit.	EDPA + 12 months	Yes
Update SPPP to list information identified in Part VI.C.2.a.i and ii.	IV.C.2.a.iii	Certify in each annual report that the municipality has updated its SPPP to list information identified in Part VI.C.2.a.i and ii.	EDPA + 12 months	Yes
Incorporate any strategies identified in Part VI.C.2.a.ii(2) as an Optional Measure	IV.C.2.a.iv	Certify in each annual report that the municipality has incorporated any strategies identified in Part VI.C.2.a.ii(2) as an Optional Measure.	EDPA + 12 months	Yes

Attachment B – Points System for Public Education and Outreach Activities

The Tier A Municipality shall implement a Public Education and Outreach Program that focuses on educational and pollution prevention activities about the impacts of stormwater discharges on surface water and groundwater and to involve the public in reducing pollutants in stormwater runoff and mitigating flow.

The Tier A Municipality shall **annually** conduct educational activities that total at least **12 points** and include activities from at least three of the five categories found below. At a minimum, at least one of the activities shall involve educating businesses and the general public of hazards associated with illicit connections and improper disposal of waste. Each approved activity is listed below with an assigned point value. Additional information on how to conduct these Public Education and Outreach activities can be found under Notes and Definitions Part IV.A.3 and 4 of this Tier A MS4 NJPDES permit. Records shall be kept necessary to demonstrate compliance with this requirement, including date of activities and any other relevant documentation.

Category 1: General Public Outreach		
Activity	Description	Points
Website and Social Media	Maintain a stormwater related page on the municipal website or on a municipal social media site. The web page may include links to other stormwater related resources, including the NJDEP stormwater website (www.njstormwater.org).	1
Newspaper Ad	Use Department created and approved stormwater education materials available on www.cleanwaternj.org to publish an ad in a newspaper or newsletter that serves the municipality.	1
Radio/Television	Broadcast a radio or television public service announcement from www.cleanwaternj.org on a local radio or municipal public service channel.	1
Green Infrastructure Signage	Post signs at municipally-owned green infrastructure sites that describe the function and importance of the infrastructure, contact phone number, municipal identification number, and/or website for more information. *New signs receive 0.5 credits per sign. Existing signs that are maintained or upgraded receive 0.25 credits per sign. A maximum of 5 credits are allowed.	5*
Billboard/Sign	Produce and maintain (for credit in subsequent years) a billboard or sign which can be displayed on a bus, bus stop shelter, recreation field (outfield sign), or other similar public venue.	2
Mural	Produce and maintain (for credit in subsequent years) the planning and painting of a stormwater pollution themed mural, storm drain art or other artwork at a local downtown/commercial area or other similar public venue.	2
Stormwater Facility Signage	Post signs at municipally-owned stormwater management basins or other structural stormwater related facilities that describe the function and importance of the facility, contact phone number, municipal identification number, and/or website for more information. *New signs receive 0.5 credits per sign. Existing signs that are maintained or upgraded receive 0.25 credits per sign. A maximum of 5 credits are allowed.	5*

Category 2: Targeted Audiences Outreach		
Activity	Description	Points
Stormwater Display	Present a stormwater related display or materials at any municipal event (e.g., Earth Day, town picnic), at the municipal building or other similar public venue.	1
Promotional Item	Distribute an item or items with a stormwater related message (e.g., refrigerator magnets, temporary tattoos, key chains, bookmarks, pet waste bag dispensers, coloring books, and pens or pencils). Municipality must initially have available a minimum number of the items equal to 10% of the municipal population.	2
Mailing or e-Mailing Campaign	Provide information to all known owners of stormwater facilities not owned or operated by the municipality (i.e., privately owned) highlighting the importance of proper maintenance of stormwater measures. For assistance, see information at www.nj.gov/dep/stormwater/maintenance_guidance.htm .	3
Mailing or e-Mailing Campaign	Distribute any of the Department's educational brochures, tip cards, or a municipally produced equivalent (e.g., community calendar, newsletter, or recycling schedule) via a mailing to every resident and business in the municipality.	2
Ordinance Education	Distribute a letter or e-mail from the mayor or municipal official to every resident and business in the municipality highlighting the requirements and environmental benefits of the Pet Waste, Wildlife Feeding, Litter Control, Improper Disposal of Waste, Containerized Waste/Yard Waste Collection, Private Storm Drain Inlet Retrofitting and Illicit Connection ordinances. Provide a link to the municipal website where subject ordinances are posted.	3

Category 3: School / Youth Education and Activities		
Activity	Description	Points
School Presentations	Provide water-related educational presentation(s) and/or activities to local preschool, elementary, middle, and/or high school classes using municipal staff or local partner organizations. Topics could include stormwater, nonpoint source pollution, watersheds, water conservation and water quality. For ideas, see information at www.nj.gov/dep/seeds . *Presentations receive 1 credit per presentation, with a maximum of 5 credits allowed.	5*
Water Education Workshops	Provide water-related professional development workshops for local teachers from a registered NJ Department of Education Professional Development Provider.	2
Storm Drain Labeling	Organize a project to label and/or maintain storm drain labels (that are not already precast with a message) with a scout troop, local school district, or faith based group, or other community youth group for a minimum of 40 labels. This project could also include stenciling over precast labels to improve legibility.	3
Educational Contest for Schools	Organize an educational contest with a local school district or a local community organization serving youth to design a poster, magnet, rain stick, rain barrel or other craft/art object. Contest themes shall have an appropriate stormwater message. Winning entries are to be displayed at publicly accessible locations within the municipality such as at the town hall, library, post office, or school. The winning design should be shown on the municipality's website or social media site, if practical.	3
AmeriCorps Event	Coordinate an event (e.g. volunteer stream monitoring, educational presentations, or stormwater awareness project) through AmeriCorps NJ Watershed Ambassador Program	4
Clean-up	Sponsor or organize a litter clean up for a scout troop, local school district, faith based group or other community youth group along a local waterway, public park, stormwater facility, or in an area with storm drains that discharge to a local lake or waterway.	3

Category 4: Watershed/Regional Collaboration		
Activity	Description	Points
Regional Stormwater Collaboration	Participate in a regional stormwater, community collaborative or other watershed-based group on a regular basis to discuss impaired waterbodies, TMDLs, regional stormwater related issues, or watershed restoration plans that address those waterbodies. Evaluate, develop and implement remedies that resolve stormwater-related issues within the affected waterbody or watershed.	3
Green Infrastructure Workshop	Organize or participate in a rain barrel, rain garden or other green infrastructure workshop on a regional or watershed basis. This could be a partnership exercise with a local watershed organization, utility, university, school, youth/faith based group, and/or other organization.	3
Community Activity	Organize or participate in the organization of a regional or watershed based event to carry out stormwater activities such as stormwater facility maintenance or litter clean-up. The municipality may identify and enter into a partnership agreement with a local group such as a watershed organization, utility, university, school, youth/faith based group, and/or other organization to carry out these activities	3

Category 5: Community Involvement Activities		
Activity	Description	Points
Volunteer Stormwater Assessment or Stream Monitoring	Establish a volunteer stormwater facility assessment (inspection, inventory and/or mapping) or stream monitoring program for a waterbody within the municipality in order to gauge the health of the waterway through chemical, biological or visual monitoring protocols. Contact NJDEP's AmeriCorps NJ Watershed Ambassador Program or review USEPA National Directory of Volunteer Monitoring Programs .	3
Rain Barrel Workshop	Organize or participate in a rain barrel workshop. This could be a partnership exercise with a local watershed organization, university, school, youth/faith based group, and/or other nonprofit.	3
Rain Garden Workshop	Organize or participate in a rain garden training or installation workshop. This could be a partnership exercise with a local watershed organization, university, school, youth/faith based group, and/or other nonprofit.	3
Community Event	Organize or participate in the organization of a community event to carry out stormwater activities such as stormwater measure maintenance or a stream buffer restoration. The municipality may identify and enter into a partnership agreement with a local group such as a watershed organization, university, utility, school, youth/faith based group, and/or other nonprofit to carry out these activities.	3
Community Involvement	Organize a project with a local organization to create and post signs at either green and/or gray stormwater infrastructure sites or facilities that describe the function and importance of the facility, contact phone number, municipal identification number, and/or website for more information.	5*
*Signs receive 0.5 credits per sign. A maximum of 5 credits are allowed.		

Attachment C - Design Standards for Storm Drain Inlets

Application of Design Standard

The below design standard applies to the following types of storm drain inlet installation or retrofit projects unless a more stringent standard is specified by the municipality's stormwater control ordinance:

- Storm drain inlets installed as part of new development and redevelopment (public or private) that disturb one acre or more;
 - Storm drain inlets installed as part of new development and redevelopment (public or private) that disturb less than one acre that are part of a larger common plan of development or sale (e.g. phased residential development) that ultimately disturbs one acre or more;
- Tier A Municipality owned or operated storm drain inlets must be retrofitted where the storm drains are (1) in direct contact with any repaving, repairing (excluding individual pothole repair), or resurfacing (including top coating or chip sealing with asphalt emulsion or a thin base of hot bitumen); or (2) in direct contact with any reconstruction or alteration of facilities; and
- Privately owned or operated storm drain inlets (e.g. condominium association) must be retrofitted where the storm drains are (1) in direct contact with any repaving, repairing (excluding individual pothole repair), or resurfacing (including top coating or chip sealing with asphalt emulsion or a thin base of hot bitumen); or (2) in direct contact with any reconstruction or alteration of facilities. This does not include single family homes.

Design Standard

Grates in pavement or other ground surfaces shall meet either of the following standards:

- The New Jersey Department of Transportation (NJDOT) bicycle safe grate standards described in Chapter 2.4 of the NJDOT Bicycle Compatible Roadways and Bikeways Planning and Design Guidelines (see www.nj.gov/transportation/publicat/pdf/BikeComp/introtofac.pdf); or
- A grate where each individual clear space in that grate has an area of no more than seven (7.0) square inches, or is not greater than 0.5 inches across the smallest dimension. Note that the Residential Site Improvement Standards at N.J.A.C. 5:21 include requirements for bicycle safe grates.

Examples of grates subject to this standard include grates in grate inlets; the grate portion (non-curb opening portion) of combination inlets; grates on storm sewer manholes; ditch grates; trench grates; and grates of spacer bars in slotted drains. Examples of ground surfaces include surfaces of roads, (including bridges), driveways, parking areas, bikeways, plazas, sidewalks, lawns, fields, open channels, and stormwater basin floors used to collect stormwater from the surface into a storm drain or surface water body

For curb-openings inlets, including curb-opening inlets in combination inlets, the clear space in the curb opening, or each individual clear space if the curb opening has two or more clear spaces, shall have an area of no more than seven (7.0) square inches or be no greater than two (2.0) inches across the smallest dimension.

Exemptions from the Design Standard

- Where each individual clear space in the curb opening in existing curb-opening inlets does not have an area of more than nine (9.0) square inches;
 - Where the review agency determines that the standards would cause inadequate hydraulic performance that could not practicably be overcome by using additional or larger storm drain inlets;
 - Where flows from the water quality design storm as specified in N.J.A.C. 7:8 are conveyed through any device (e.g., end of pipe netting facility, manufactured treatment device, or a catch basin hood) that is designed, at a minimum, to prevent delivery of all solid and floatable materials that could not pass through one of the following:
 - A rectangular space four and five-eighths inches long and one and one-half inches wide (this option does not apply for outfall netting facilities); or
 - A bar screen having a bar spacing of 0.5 inches;
- Note that these exemptions do not authorize any infringement of requirements in the Residential Site Improvement Standards for bicycle safe grates in new residential development (N.J.A.C. 5:21-4.18(b)2 and 7.4(b)1).
- Where flows are conveyed through a trash rack that has parallel bars with one inch (1") spacing between the bars, to the elevation of the water quality design storm as specified in N.J.A.C. 7:8; or
 - Where the Department determines, pursuant to the New Jersey Register of Historic Places Rules at N.J.A.C. 7:4-7.2(c), that action to meet the standard is an undertaking that constitutes an encroachment or will damage or destroy the New Jersey Register listed historic property.

Attachment D – Major Development Stormwater Summary

General Information			
1. Project Name: _____			
2. Municipality: _____	County: _____	Block(s): _____	Lot(s): _____
3. Site Location (State Plane Coordinates – NAD83):		E: _____	N: _____
4. Date of Final Approval for Construction by Municipality: _____ Date of Certificate of Occupancy: _____			
5. Project Type (check all that apply): Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Other (please specify) _____			
6. Soil Conservation District Project Number: _____			
7. Did project require an NJDEP Land Use Permit? Yes <input type="radio"/> No <input type="radio"/> Land Use Permit #: _____			
8. Did project require the use of any mitigation measures? Yes <input type="radio"/> No <input type="radio"/> If yes, which standard was mitigated? _____			

Site Design Specifications	
1. Area of Disturbance (acres): _____	Area of Proposed Impervious (acres): _____
2. List all Hydrologic Soil Groups: _____	
3. Please Identify the Amount of Each Best Management Practices (BMPs) Utilized in Design Below: 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			
Storm Event - Rainfall (inches and duration):	2 yr.: _____	10 yr.: _____	
	100 yr.: _____	WQDS: _____	
Runoff Computation Method: NRCS: Dimensionless Unit Hydrograph <input type="checkbox"/> NRCS: Delmarva Unit Hydrograph <input type="checkbox"/> Rational <input type="checkbox"/> Modified Rational <input type="checkbox"/> Other: _____			

Basin Specifications (answer all that apply) *If more than one basin, attach multiple sheets*	
1. Type of Basin: _____	Surface/Subsurface (select one): Surface <input type="radio"/> Subsurface <input type="radio"/>
2. Owner (select one): <input type="radio"/> Public <input type="radio"/> Private: If so, Name: _____	Phone number: _____
3. Basin Construction Completion Date: _____	
4. Drain Down Time (hr.): _____	
5. Design Soil Permeability (in./hr.): _____	
6. Seasonal High Water Table Depth from Bottom of Basin (ft.): _____	Date Obtained: _____
7. Groundwater Recharge Methodology (select one): 2 Year Difference <input type="radio"/> NJGRS <input type="radio"/> Other <input type="radio"/> NA <input type="radio"/>	
8. Groundwater Mounding Analysis (select one): Yes <input type="radio"/> No <input type="radio"/> If, Yes Methodology Used: _____	
9. Maintenance Plan Submitted: Yes <input type="radio"/> No <input type="radio"/> Is the Basin Deed Restricted: Yes <input type="radio"/> No <input type="radio"/>	

Comments:

Name of Person Filling Out This Form: _____

Signature: _____

Title: _____

Date: _____

Basin Specifications (answer all that apply)	
If more than one basin, attach multiple sheets	
1. Type of Basin:	Surface/Subsurface (select one): Surface <input type="radio"/> Subsurface <input type="radio"/>
2. Owner (select one):	<input type="radio"/> Public <input type="radio"/> Private: If so, Name: _____ Phone number: _____
3. Basin Construction Completion Date:	
4. Drain Down Time (hr.):	
5. Design Soil Permeability (in./hr.):	
6. Seasonal High Water Table Depth from Bottom of Basin (ft.):	Date Obtained: _____
7. Groundwater Recharge Methodology (select one):	2 Year Difference <input type="radio"/> NJGRS <input type="radio"/> Other <input type="radio"/> NA <input type="radio"/>
8. Groundwater Mounding Analysis (select one):	Yes <input type="radio"/> No <input type="radio"/> If, Yes Methodology Used: _____
9. Maintenance Plan Submitted: Yes <input type="radio"/> No <input type="radio"/>	Is the Basin Deed Restricted: Yes <input type="radio"/> No <input type="radio"/>

Basin Specifications (answer all that apply)	
If more than one basin, attach multiple sheets	
1. Type of Basin:	Surface/Subsurface (select one): Surface <input type="radio"/> Subsurface <input type="radio"/>
2. Owner (select one):	<input type="radio"/> Public <input type="radio"/> Private: If so, Name: _____ Phone number: _____
3. Basin Construction Completion Date:	
4. Drain Down Time (hr.):	
5. Design Soil Permeability (in./hr.):	
6. Seasonal High Water Table Depth from Bottom of Basin (ft.):	Date Obtained: _____
7. Groundwater Recharge Methodology (select one):	2 Year Difference <input type="radio"/> NJGRS <input type="radio"/> Other <input type="radio"/> NA <input type="radio"/>
8. Groundwater Mounding Analysis (select one):	Yes <input type="radio"/> No <input type="radio"/> If, Yes Methodology Used: _____
9. Maintenance Plan Submitted: Yes <input type="radio"/> No <input type="radio"/>	Is the Basin Deed Restricted: Yes <input type="radio"/> No <input type="radio"/>

Basin Specifications (answer all that apply)	
If more than one basin, attach multiple sheets	
1. Type of Basin:	Surface/Subsurface (select one): Surface <input type="radio"/> Subsurface <input type="radio"/>
2. Owner (select one):	<input type="radio"/> Public <input type="radio"/> Private: If so, Name: _____ Phone number: _____
3. Basin Construction Completion Date:	
4. Drain Down Time (hr.):	
5. Design Soil Permeability (in./hr.):	
6. Seasonal High Water Table Depth from Bottom of Basin (ft.):	Date Obtained: _____
7. Groundwater Recharge Methodology (select one):	2 Year Difference <input type="radio"/> NJGRS <input type="radio"/> Other <input type="radio"/> NA <input type="radio"/>
8. Groundwater Mounding Analysis (select one):	Yes <input type="radio"/> No <input type="radio"/> If, Yes Methodology Used: _____
9. Maintenance Plan Submitted: Yes <input type="radio"/> No <input type="radio"/>	Is the Basin Deed Restricted: Yes <input type="radio"/> No <input type="radio"/>

Name of Person Filling Out This Form: _____

Signature: _____

Title: _____

Date: _____

**Attachment E – Best Management Practices for
Municipal Maintenance Yards and Other Ancillary Operations**

The Tier A Municipality shall implement the following practices at municipal maintenance yards and other ancillary operations owned or operated by the municipality. Inventory of Materials and Machinery, and Inspections and Good Housekeeping shall be conducted at all municipal maintenance yards and other ancillary operations. All other Best Management Practices shall be conducted whenever activities described below occur. Ancillary operations include but are not limited to impound yards, permanent and mobile fueling locations, and yard trimmings and wood waste management sites.

Inventory of Materials and Machinery

The SPPP shall include a list of all materials and machinery located at municipal maintenance yards and ancillary operations which could be a source of pollutants in a stormwater discharge. The materials in question include, but are not limited to: raw materials; intermediate products; final products; waste materials; by-products; machinery and fuels; and lubricants, solvents, and detergents that are related to the municipal maintenance yard operations and ancillary operations. Materials or machinery that are not exposed to stormwater at the municipal maintenance yard or related to its operations do not need to be included.

Inspections and Good Housekeeping

1. Inspect the entire site, including the site periphery, monthly (under both dry and wet conditions, when possible). Identify conditions that would contribute to stormwater contamination, illicit discharges or negative impacts to the Tier A Municipality's MS4. Maintain an inspection log detailing conditions requiring attention and remedial actions taken for all activities occurring at Municipal Maintenance Yards and Other Ancillary Operations. This log must contain, at a minimum, a record of inspections of all operations listed in Part IV.B.5.c. of this permit including dates and times of the inspections, and the name of the person conducting the inspection and relevant findings. This log must be kept on-site with the SPPP and made available to the Department upon request. See the Tier A Municipal Guidance document (www.nj.gov/dep/dwq/tier_a_guidance.htm) for additional information.
2. Conduct cleanups of spills of liquids or dry materials immediately after discovery. All spills shall be cleaned using dry cleaning methods only. Clean up spills with a dry, absorbent material (i.e., kitty litter, sawdust, etc.) and sweep the rest of the area. Dispose of collected waste properly. Store clean-up materials, spill kits and drip pans near all liquid transfer areas, protected from rainfall.
3. Properly label all containers. Labels shall be legible, clean and visible. Keep containers in good condition, protected from damage and spillage, and tightly closed when not in use. When practical, store containers indoors. If indoor storage is not practical, containers may be stored outside if covered and placed on spill platforms or clean pallets. An area that is graded and/or bermed to prevent run-through of stormwater may be used in place of spill platforms or clean pallets. Outdoor storage locations shall be regularly maintained.

Fueling Operations

1. Establish, maintain and implement standard operating procedures to address vehicle fueling; receipt of bulk fuel deliveries; and inspection and maintenance of storage tanks, including the associated piping and fuel pumps.
 - a. Place drip pans under all hose and pipe connections and other leak-prone areas during bulk transfer of fuels.
 - b. Block storm sewer inlets, or contain tank trucks used for bulk transfer, with temporary berms or temporary absorbent booms during the transfer process. If temporary berms or booms are being used instead of blocking the storm sewer inlets, all hose connection points associated with the transfer of fuel shall be within the temporarily bermed or boomed area during the loading/unloading of bulk fuels. A trained employee shall be present to supervise the bulk transfer of fuel.
 - c. Clearly post, in a prominent area of the facility, instructions for safe operation of fueling equipment. Include all of the following:
 - "Topping off of vehicles, mobile fuel tanks, and storage tanks is strictly prohibited"
 - "Stay in view of fueling nozzle during dispensing"
 - Contact information for the person(s) responsible for spill response.
 - d. Immediately repair or replace any equipment, tanks, pumps, piping and fuel dispensing equipment found to be leaking or in disrepair.

Discharge of Stormwater from Secondary Containment

The discharge pipe/outfall from a secondary containment area (e.g. fuel storage, de-icing solutions, brine solution) shall have a valve and the valve shall remain closed at all times except as described below. A municipality may discharge stormwater accumulated in a secondary containment area if a visual inspection is performed to ensure that the contents of aboveground storage tank have not come in contact with the stormwater to be discharged. Visual inspections are only effective when dealing with materials that can be observed, like petroleum. If the contents of the tank are not visible in stormwater, the municipality shall rely on previous tank inspections to determine with some degree of certainty that the tank has not leaked. If the municipality cannot make a determination with reasonable certainty that the stormwater in the secondary containment area is uncontaminated by the contents of the tank, then the stormwater shall be hauled for proper disposal.

Vehicle Maintenance

1. Operate and maintain equipment to prevent the exposure of pollutants to stormwater.
2. Whenever possible, conduct vehicle and equipment maintenance activities indoors. For projects that must be conducted outdoors, and that last more than one day, portable tents or covers shall be placed over the equipment being serviced when not being worked on, and drip pans shall be used at all times. Use designated areas away from storm drains or block storm drain inlets when vehicle and equipment maintenance is being conducted outdoors.

On-Site Equipment and Vehicle Washing and Wash Wastewater Containment

1. Manage any equipment and vehicle washing activities so that there are no unpermitted discharges of wash wastewater to storm sewer inlets or to waters of the State.
2. Tier A Municipalities which cannot discharge wash wastewater to a sanitary sewer or which cannot otherwise comply with 1, above, may temporarily contain wash wastewater prior to proper disposal under the following conditions:
 - a. Containment structures shall not leak. Any underground tanks and associated piping shall be tested for integrity every 3 years using appropriate methods determined by "*The List of Leak Detection Evaluations for Storage Tank Systems*" created by the National Work Group on Leak Detection Evaluations (NWGLDE) or as determined appropriate and certified by a professional engineer for the site specific containment structure(s).
 - b. For any cathodically protected containment system, provide a passing cathodic protection survey every three years.
 - c. Operate containment structures to prevent overflowing resulting from normal or abnormal operations, overflowing, malfunctions of equipment, and human error. Overflow prevention shall include manual sticking/gauging of the tank before each use unless system design prevents such measurement. Tank shall no longer accept wash wastewater when determined to be at 95% capacity. Record each measurement to the nearest ½ inch.
 - d. Before each use, perform inspections of all visible portions of containment structures to ensure that they are structurally sound, and to detect deterioration of the wash pad, catch basin, sump, tank, piping, risers, walls, floors, joints, seams, pumps and pipe connections or other containment devices. The wash pad, catch basin, sump and associated drains should be kept free of debris before each use. Log dates of inspection, inspector's name, and conditions. This inspection is not required if system design prevents such inspection.
 - e. Containment structures shall be emptied and taken out of service immediately upon detection of a leak. Complete all necessary repairs to ensure structural integrity prior to placing the containment structure back into service. Any spills or suspected release of hazardous substances shall be immediately reported to the NJDEP Hotline (1-877-927-6337) followed by a site investigation in accordance with N.J.A.C. 7:26C and N.J.A.C 7:26E if the discharge is confirmed.
 - f. All equipment and vehicle wash wastewater placed into storage must be disposed of in a legally permitted manner (e.g. pumped out and delivered to a duly permitted and/or approved wastewater treatment facility).
 - g. Maintain a log of equipment and vehicle wash wastewater containment structure clean-outs including date and method of removal, mode of transportation (including name of hauler if applicable) and the location of disposal. See Underground Vehicle Wash Water Storage Tank Use Log at end of this attachment.
 - h. Containment structures shall be inspected annually by a NJ licensed professional engineer. The engineer shall certify the condition of all structures including: wash pad, catch basin, sump, tank, piping, risers to detect deterioration in the, walls, floors, joints, seams, pumps and pipe connections or other containment devices using the attached Engineer's Certification of Annual Inspection of Equipment and Vehicle Wash Wastewater Containment Structure. This certification may be waived for self-contained systems on a case-by-case basis. Any such waiver would be issued in writing by the Department.
3. Maintain all logs, inspection records, and certifications on-site. Such records shall be made available to the Department upon request.

Salt and De-icing Material Storage and Handling

1. Store material in a permanent structure.
2. Perform regular inspections and maintenance of storage structure and surrounding area.
3. Minimize tracking of material from loading and unloading operations.
4. During loading and unloading:
 - a. Conduct during dry weather, if possible;
 - b. Prevent and/or minimize spillage; and
 - c. Minimize loader travel distance between storage area and spreading vehicle.
5. Sweep(or clean using other dry cleaning methods):
 - a. Storage areas on a regular basis;
 - b. Material tracked away from storage areas;
 - c. Immediately after loading and unloading is complete.
6. Reuse or properly discard materials collected during cleanup.
7. Temporary outdoor storage is permitted only under the following conditions:
 - a. A permanent structure is under construction, repair or replacement;
 - b. Stormwater run-on and de-icing material run-off is minimized;
 - c. Materials in temporary storage are tarped when not in use;
 - d. The requirements of 2 through 6, above are met; and
 - e. Temporary outdoor storage shall not exceed 30 days unless otherwise approved in writing by the Department;
8. Sand must be stored in accordance with Aggregate Material and Construction Debris Storage below.

Aggregate Material and Construction Debris Storage

1. Store materials such as sand, gravel, stone, top soil, road millings, waste concrete, asphalt, brick, block and asphalt based roofing scrap and processed aggregate in such a manner as to minimize stormwater run-on and aggregate run-off via surface grading, dikes and/or berms (which may include sand bags, hay bales and curbing, among others) or three sided storage bays. Where possible the open side of storage bays shall be situated on the upslope. The area in front of storage bays and adjacent to storage areas shall be swept clean after loading/unloading.
2. Sand, top soil, road millings and processed aggregate may only be stored outside and uncovered if in compliance with item 1 above and a 50-foot setback is maintained from surface water bodies, storm sewer inlets, and/or ditches or other stormwater conveyance channels.
3. Road millings must be managed in conformance with the "Recycled Asphalt Pavement and Asphalt Millings (RAP) Reuse Guidance" (see www.nj.gov/dep/dshw/rrtp/asphaltguidance.pdf) or properly disposed of as solid waste pursuant to N.J.A.C. 7:26-1 et seq.
4. The stockpiling of materials and construction of storage bays on certain land (including but not limited to coastal areas, wetlands and floodplains) may be subject to regulation by the Division of Land Use Regulation (see www.nj.gov/dep/landuse/ for more information).

Street Sweepings, Catch Basin Clean Out, and Other Material Storage

1. For the purposes of this permit, this BMP is intended for road cleanup materials as well as other similar materials. Road cleanup materials may include but are not limited to street sweepings, storm sewer clean out materials, stormwater basin clean out materials and other similar materials that may be collected during road cleanup operations. These BMPs do not cover materials such as liquids, wastes which are removed from municipal sanitary sewer systems or material which constitutes hazardous waste in accordance with N.J.A.C. 7:26G-1.1 et seq.
2. Road cleanup materials must be ultimately disposed of in accordance with N.J.A.C. 7:26-1.1 et seq. See the "Guidance Document for the Management of Street Sweepings and Other Road Cleanup Materials" (www.nj.gov/dep/dshw/rrtp/sweeping.htm).
3. Road cleanup materials placed into storage must be, at a minimum:
 - a. Stored in leak-proof containers or on an impervious surface that is contained (e.g. ed) to control leachate and litter; and
 - b. Removed for disposal (in accordance with 2, above) within six (6) months of placement into storage.

Yard Trimmings and Wood Waste Management Sites

1. These practices are applicable to any yard trimmings or wood waste management site:
 - a. Owned and operated by the Tier A Municipality;
 - i. For staging, storing, composting or otherwise managing yard trimmings, or
 - ii. For staging, storing or otherwise managing wood waste, and
 - b. Operated in compliance with the Recycling Rules found at N.J.A.C. 7:26A.
2. Yard trimmings or wood waste management sites must be operated in a manner that:
 - a. Diverts stormwater away from yard trimmings and wood waste management operations; and
 - b. Minimizes or eliminates the exposure of yard trimmings, wood waste and related materials to stormwater.
3. Yard trimmings and wood waste management site specific practices:
 - a. Construct windrows, staging and storage piles:
 - i. In such a manner that materials contained in the windrows, staging and storage piles (processed and unprocessed) do not enter waterways of the State;
 - ii. On ground which is not susceptible to seasonal flooding;
 - iii. In such a manner that prevents stormwater run-on and leachate run-off (e.g. use of covered areas, diversion swales, ditches or other designs to divert stormwater from contacting yard trimmings and wood waste).
 - b. Maintain perimeter controls such as curbs, berms, hay bales, silt fences, jersey barriers or setbacks, to eliminate the discharge of stormwater runoff carrying leachate or litter from the site to storm sewer inlets or to surface waters of the State.
 - c. Prevent on-site storm drain inlets from siltation using controls such as hay bales, silt fences, or filter fabric inlet protection.
 - d. Dry weather run-off that reaches a municipal stormwater sewer system is an illicit discharge. Possible sources of dry weather run-off include wetting of piles by the site operator; uncontrolled pile leachate or uncontrolled leachate from other materials stored at the site.
 - e. Remove trash from yard trimming and wood waste upon receipt.
 - f. Monitor site for trash on a routine basis.
 - g. Store trash in leak-proof containers or on an impervious surface that is contained (e.g. bermed) to control leachate and litter;
 - h. Dispose of collected trash at a permitted solid waste facility.
 - i. Employ preventative tracking measures, such as gravel, quarry blend, or rumble strips at exits.

Roadside Vegetation Management

1. Tier A Municipalities shall restrict the application of herbicides along roadsides in order to prevent it from being washed by stormwater into the waters of the State and to prevent erosion caused by de-vegetation, as follows: Tier A Municipalities shall not apply herbicides on or adjacent to storm drain inlets, on steeply sloping ground, along curb lines, and along unobstructed shoulders. Tier A Municipalities shall only apply herbicides within a 2 foot radius around structures where overgrowth presents a safety hazard and where it is unsafe to mow.

**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: _____

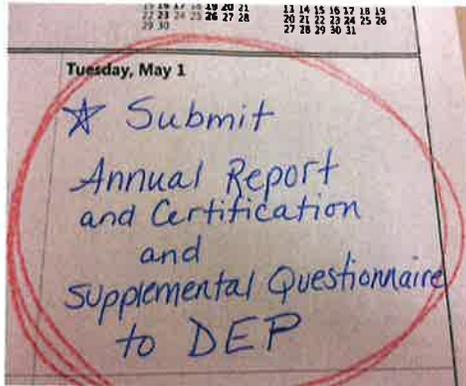
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate 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: _____

ANNUAL REPORT AND CERTIFICATION AND SUPPLEMENTAL QUESTIONNAIRE



The Tier A MS4 permit (Part IV, G) requires the municipality to submit an Annual Report and Certification summarizing the status of compliance with the permit. This Chapter includes updated instructions regarding the submission of the Annual Report and Certification and the Supplemental Questionnaire. Blank forms, a sample SPPP and other guidance documents may be downloaded from the Department’s website for the Tier A permit located at http://www.nj.gov/dep/dwq/tier_a_guidance_other.htm.

The following items are addressed in this Chapter:

1. The Annual Report and Certification;
2. The Supplemental Questionnaire; and
3. Special instructions for illicit discharge investigations and close-outs.

Annual Report and Certification			
Document Submittal Information			
Reports and Record-Keeping Forms	Frequency	Deadline	Submission Method
Annual Report and Certification	Every year	May 1st	On-line through http://www.njdeponline.com/
Supplemental Questionnaire	Every year	May 1st	Upload as attachment to Annual Report and Certification
Illicit Discharge Investigation Form	If investigation was conducted in prior year	May 1st	Upload as attachment to Annual Report and Certification
Illicit Discharge Close-out Form	If close-out was conducted in prior year	May 1st	Upload as attachment to Annual Report and Certification

Annual Report and Certification

The Tier A Municipality is required to submit an Annual Report and Certification and the Supplemental Questionnaire summarizing the status of compliance with its permit. These documents must be submitted using an electronic format provided by the Department via the MSRP Annual Report service that is accessed through the Regulatory Services Portal located at <http://www.njdeponline.com/>. The Department is not accepting hardcopies of the Annual Report and Certification and Supplemental Questionnaire. As noted in the table above, the Annual Report must be submitted electronically by May 1st of each year.

Supplemental Questionnaire

The Supplemental Questionnaire is a separate report that is required to be filled out by the municipality in conjunction with the Annual Report and submitted by May 1st of each year, as also stated in the above table. The information required in the Questionnaire asks for more details regarding the municipality's implementation of its stormwater program that includes but is not limited to its shared responsibilities, its ordinances and stormwater facilities. The Questionnaire cannot be accessed through the portal; however, it must be downloaded, completed and submitted in accordance with the instructions found at <http://www.nj.gov/dep/dwq/pdf/ms4-2016-tiera-supp-quest.pdf>. Below is an image of the Supplemental Questionnaire.

The Department is currently working on merging the Supplemental Questionnaire with the Annual Report. Refer to the Tier A website at http://www.nj.gov/dep/dwq/tier_a.htm for further details. The Municipal Stormwater Program Coordinator must complete and submit the Annual Report and Certification and Supplemental Questionnaire. The Coordinator is required to certify, sign and date the Annual Report on-line. Tutorials and Links to the Annual Report and Supplemental Questionnaire are posted at the website listed above.

Solutions to Stormwater Pollution..... 6.2



Solutions to Stormwater Pollution

Easy Things You Can Do Every Day To Protect Our Water

A Guide to Healthy Habits for Cleaner Water

Pollution on streets, parking lots and lawns is washed by rain into storm drains, then directly to our drinking water supplies and the ocean and lakes our children play in. Fertilizer, oil, pesticides, detergents, pet waste, grass clippings: You name it and it ends up in our water.

Stormwater pollution is one of New Jersey's greatest threats to clean and plentiful water, and that's why we're all doing something about it.

By sharing the responsibility and making small, easy changes in our daily lives, we can keep common pollutants out of stormwater. It all adds up to cleaner water, and it saves the high cost of cleaning up once it's dirty.

As part of New Jersey's initiative to keep our water clean and plentiful and to meet federal requirements, many municipalities and other public agencies including colleges and military bases must adopt ordinances or other rules prohibiting various activities that contribute to stormwater pollution. Breaking these rules can result in fines or other penalties.



As a resident, business, or other member of the New Jersey community, it is important to know these easy things you can do every day to protect our water.



Limit your use of fertilizers and pesticides

- Do a soil test to see if you need a fertilizer.
- Do not apply fertilizers if heavy rain is predicted.
- Look into alternatives for pesticides.
- Maintain a small lawn and keep the rest of your property or yard in a natural state with trees and other native vegetation that requires little or no fertilizer.
- If you use fertilizers and pesticides, follow the instructions on the label on how to correctly apply it.

Make sure you properly store or discard any unused portions.

Properly use and dispose of hazardous products

- Hazardous products include some household or commercial cleaning products, lawn and garden care products, motor oil, antifreeze, and paints.
- Do not pour any hazardous products down a storm drain because storm drains are usually connected to local waterbodies and the water is not treated.

- If you have hazardous products in your home or workplace, make sure you store or dispose of them properly. Read the label for guidance.

- Use natural or less toxic alternatives when possible.

- Recycle used motor oil.

- Contact your municipality, county or facility management office for the locations of hazardous-waste disposal facilities.



Keep pollution out of storm drains

- Municipalities and many other public agencies are required to mark certain storm drain inlets with messages reminding people that storm drains are connected to local waterbodies.

- Do not let sewage or other wastes flow into a stormwater system.

Clean up after your pet

- Many municipalities and public agencies must enact and enforce local pet-waste rules.

- An example is requiring pet owners or their keepers to pick up and properly dispose of pet waste dropped on public or other people's property.

- Make sure you know your town's or agency's requirements and comply with them. It's the law. And remember to:

- Use newspaper, bags or pooper-scoopers to pick up wastes.

- Dispose of the wrapped pet waste in the trash or unwrapped in a toilet.

- Never discard pet waste in a storm drain.



Don't litter

- Place litter in trash receptacles.

- Recycle. Recycle. Recycle.

- Participate in community cleanups.

Dispose of yard waste properly

- Keep leaves and grass out of storm drains.

- If your municipality or agency has yard waste collection rules, follow them.

- Use leaves and grass clippings as a resource for compost.

- Use a mulching mower that recycles grass clippings into the lawn.



Contact information

For more information on stormwater related topics, visit www.njstormwater.org or www.nonpointsource.org

Additional information is also available at U. S. Environmental Protection Agency Web sites www.epa.gov/npdes/stormwater or www.epa.gov/nps

New Jersey Department of Environmental Protection
 Division of Water Quality
 Bureau of Nonpoint Pollution Control
 Municipal Stormwater Regulation Program
 (609) 633-7021



www.cleanwaternj.org



MAPS, LOGS AND SAMPLE FORMS

Street Sweeping Report Logs.....7.2

Summer Trash Collection Map7.3

Winter Trash Collection Map7.4

Stormwater Outfall Pipe Map7.5



4/23/19 NEW JERSEY JEFFERSON TO CRESSK
 BAYVIEW DR MIAMI TO JEFFERSON
 PARKS & RECREATIONAL AREA

4/24/19 PARKS & RECREATIONAL AREA

4/24/19 SEAVIEW AVE JEFFERSON TO CRESSK
 PARKS & RECREATIONAL AREA

4/24/19 ATLANTIC AVE JEFFERSON TO CRESSK
 BOROUGH PUBLIC WORKS YARD

6/12/19 NEW JERSEY JEFFERSON TO CRESSK
 BAYVIEW DR MIAMI TO JEFFERSON
 BOROUGH PUBLIC WORKS YARD
 PARKS & RECREATIONAL AREA

6/18/19 OCEAN AVE PANNALOT TO CRESSK
 BEACH DR CRESSK TO LOTUS
 PARKS & RECREATIONAL AREA

6/19/19 ATLANTA JEFFERSON TO CRESSK
 SEAVIEW AVE JEFFERSON TO CRESSK
 PARKS & RECREATIONAL AREA

6/20/19 PARKS & RECREATIONAL AREA

6/21/19 PARKS & RECREATIONAL AREA

6/24/19 OCEAN AVE FARRAGUT TO CRESSK
BRANCH DR CRESSK TO LOTUS
PARKS & RECREATIONAL AREA

6/25/19 ATLANTA AVE JEFFERSON TO CRESSK
PARKS & RECREATIONAL AREA

6/27/19 PARK BLVD RAMBLER TO CRESSK
LAKE DR CRESSK TO CROCUS
PARKS & RECREATIONAL AREA

7/2/19 OCEAN AVE FARRAGUT TO CRESSK
BRANCH DR CRESSK TO LOTUS
ATLANTA AVE JEFFERSON TO CRESSK
BOROUGH PUBLIC WORKS YARD

7/3/19 PACIFIC AVE JEFFERSON TO CRESSK
SEAVIEW AVE JEFFERSON TO CRESSK
NEWDENBY JEFFERSON TO CRESSK
PARKS & RECREATIONAL AREA

7/5/19 OCEAN AVE PARADISE TO CRESSE
 BEACH DR CRESSE TO LOTUS
 PARKS & RECREATIONAL AREA

7/10/19 NEWDENBY LAFFANSON TO CRESSE
 OCEAN AVE PARADISE TO CRESSE
 BEACH DR CRESSE TO LOTUS
 BOROUGH PUBLIC WORKS YARD

7/12/19 CLEAN OFF TOP OF CATCH BASIN
 BOROUGH PUBLIC WORKS YARD
 PARKS & RECREATIONAL AREA

7/18/19 OCEAN AVE PARADISE TO CRESSE
 BEACH DR CRESSE TO LOTUS
 BOROUGH PUBLIC WORKS YARD

7/19/19 ATLANTIC AVE LAFFANSON TO CRESSE
 PACIFIC AVE LAFFANSON TO CRESSE
 NEWDENBY LAFFANSON TO CRESSE
 SEAVIEW AVE LAFFANSON TO CRESSE

10-1230

7/22/19 OCEAN AVE PARADISE TO CRESSE
 BEACH DR CRESSE TO LOTUS
 PARKS & RECREATIONAL AREA

7/23/19 NEW JERSEY LITTLEPARSON TO CRESSK
SAVIER AVA LITTLEPARSON TO CRESSK
PARKS & RECREATIONAL AREA

7/24/19 CLEAN OFF CATCH BASIN THROUGH OUT BOROUGH
BOROUGH PUBLIC WORKS YARD

7/25/19 PARK BLVD RAMBLER TO CRESSK
LAKE DR CRESSK TO CROCUS
PARKS & RECREATIONAL AREA

7/26/19 PACIFIC AVE LITTLEPARSON TO CRESSK
OCEAN AVE FARRAGUT TO CRESSK
BEACH DR CRESSK TO ~~DR~~ LOTUS
BOROUGH PUBLIC WORKS YARD

7/29/19 OCEAN AVE FARRAGUT TO CRESSK
BEACH DR CRESSK TO LOTUS
PARKS & RECREATIONAL AREA

8/1/19 NEW JERSEY LITTLEPARSON TO RAMBLER
PARKS & RECREATIONAL AREA

8/2/19 ATLANTIC AVE JEFFERSON TO RAABLAN
 OCEAN AVE FARRAGUT TO CRESSK
 BRACH DR CRESSK TO LOTUS
 PARKS & RECREATIONAL AREA

8/5/19 OCEAN AVE FARRAGUT TO CRESSK
 BRACH DR CRESSK TO LOTUS
 BOROUGH PUBLIC WORKS YARD

8/6/19 PARKS & RECREATIONAL AREA

8/7/19 NEW LAMBREY JEFFERSON TO CRESSK
 ATLANTIC AVE JEFFERSON TO CRESSK

8/8/19 PARKS & RECREATIONAL AREA

8/9/19 BOROUGH PUBLIC WORKS YARD
 OCEAN AVE FARRAGUT TO CRESSK
 BRACH DR CRESSK TO LOTUS
 PARKS & RECREATIONAL AREA

8/14/19 OCEAN AVE FARRAGUT TO CRESSK
 BRACH DR CRESSK TO LOTUS
 SEAVIEW AVE JEFFERSON TO CRESSK

8/15/19 PARK BLVD RAMBLER TO CRESSK
LAKE DR CRESSK TO CROCUS
PACIFIC AVE RAMBLER TO CRESSK

8/16/19 BOUGHT PUBLIC WORKS YARD
PARKS & RECREATIONAL AREA

8/19/19 BOUGHT PUBLIC WORKS YARD
PARKS & RECREATIONAL AREA

8/20/19 NEW JERSEY LEFFINSON TO CRESSK
OCEAN AVE FARRA LOT TO CRESSK
BEACH DR CRESSK TO LOTUS
PARKS & RECREATIONAL AREA

8/21/19 ATLANTIC AVE LEFFINSON TO CRESSK
SEAVIEW AVE LEFFINSON TO CRESSK
PARKS & REC AREA

8/22/19
PARK BLVD RAMBLER TO CRESSK
LAKE DR CRESSK TO CROCUS
BAYVIEW DR MIAMI TO LEFFINSON
PARK & RECREATIONAL AREA

- 8/27/19 NEW JERSEY LEFFERSON TO CRESSE
PACIFIC AVE LEFFERSON TO CRESSE
PARKS & RECREATIONAL AREA 9/9
- 8/28/19 ATLANTIC AVE LEFFERSON TO CRESSE
SEAVIEW AVE LEFFERSON TO CRESSE
PARKS & RECREATIONAL AREA 9/8
- 8/29/19 LAKE DR CRESSE TO CROCUS
PARK BLVD RAMBLER TO CRESSE
PARKS & RECREATIONAL AREA 9/6
- 8/30/19 OCEAN AVE FANNABOT TO CRESSE
BEACH DR CRESSE TO CROCUS
BOROUGH PUBLIC WORKS YARD 9/1
- 9/3/19 NEW JERSEY LEFFERSON TO CRESSE
SEAVIEW AVE LEFFERSON TO CRESSE
BOROUGH PUBLIC WORKS YARD
PARKS & RECREATIONAL AREA 9/1
- 9/4/19 OCEAN AVE FANNABOT TO CRESSE
BEACH DR CRESSE TO LOTUS
SEAVIEW DR MIAMI TO LEFFERSON
PARKS & RECREATIONAL AREA 9/1

9/9/19 NEW JERSEY LUTHERSON TO CRESSK
SEMAN AVE FANRA LUT TO CRESSK
BRACH ON CRESSK TO LOTUS

9/10/19 ATLANTIC AVE LUTHERSON TO CRESSK
SKAVIRW AVE LUTHERSON TO CRESSK
PARKS & RECREATIONAL AREA

9/13/19 PACIFIC AVE NAMBLER TO CRESSK
NEW JERSEY LUTHERSON TO CRESSK
PARKS & RECREATIONAL AREA
BOROUGH PUBLIC WORKS YARD

9/24/19 100, 200, 300, 400, 500 EAST CRESSK TO LAVENDER
100, 200 WEST CRESSK TO LAVENDER

9/25/19 100, 200, 300, 400, 500 EAST HEATHEN TO CARDINAL
100, 200 WEST HEATHEN TO CARDINAL

9/26/19 100, 200, 300, 400, 500 EAST SWEET BRIAN TO ROSEMARY
100, 200 WEST SWEET BRIAN TO ROSEMARY

9/27/19 100, 200, 300, 400, 500 EAST FONGRIMENOT TO LOTUS
100, 200, 300 WEST FONGRIMENOT TO LOTUS

10/1/19 100, 200, 300, 400, 500 EAST MYRTLE TO ORCHID
100 WEST MYRTLE TO PRIMROSE

11/7/19

10/2/19 100, 200, 300, 400 & 500 EAST STOCKTON TO PANNACUT

10/3/19 100, 200, 300, 400 EAST ATLANTA TO NASHVILLE

11/8/19

~~10/2/19 100, 200, 300, 400 EAST~~

10/4/19 BOROUGH PUBLIC WORKS YARD
PARKS & RECREATIONAL AREA

11/19/19

10/21/19 NEW JERSEY JEFFERSON TO RAMBLER
BOROUGH PUBLIC WORKS YARD
PARKS & RECREATIONAL AREA

11/29/19

10/28/19 CLEAN OFF TOP OF CATCH BASIN

10/20/19 CLEAN OFF TOP OF CATCH BASIN

10/31/19 100, 200, 300, 400 EAST MIAMI TO ST PAUL
100 WEST MIAMI TO ST PAUL

11/1/19 CLEAN OFF TOP OF CATCH BASIN

11/7/19 NEW HENRY JEFFERSON TO CRESSE
OCEAN AVE PANNA LOT TO CRESSE
BRETT DR CRESSE TO LOTUS

11/8/19 PACIFIC AVE JEFFERSON TO CRESSE
SPRING AVE JEFFERSON TO CRESSE
ATLANTIC AVE JEFFERSON TO CRESSE
BONDUGH PUBLIC WORKS YARD

11/19/19 100, 200, 300, 400 EAST TOLEDO TO TOPKA
100, 200 WEST TOLEDO TO TOPKA

11/26/19 100, 200, 300, 400 WEST PITTSBURGH TO JEFFERSON
100, 200 WEST PITTSBURGH TO JEFFERSON



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SUMMER SCHEDULE

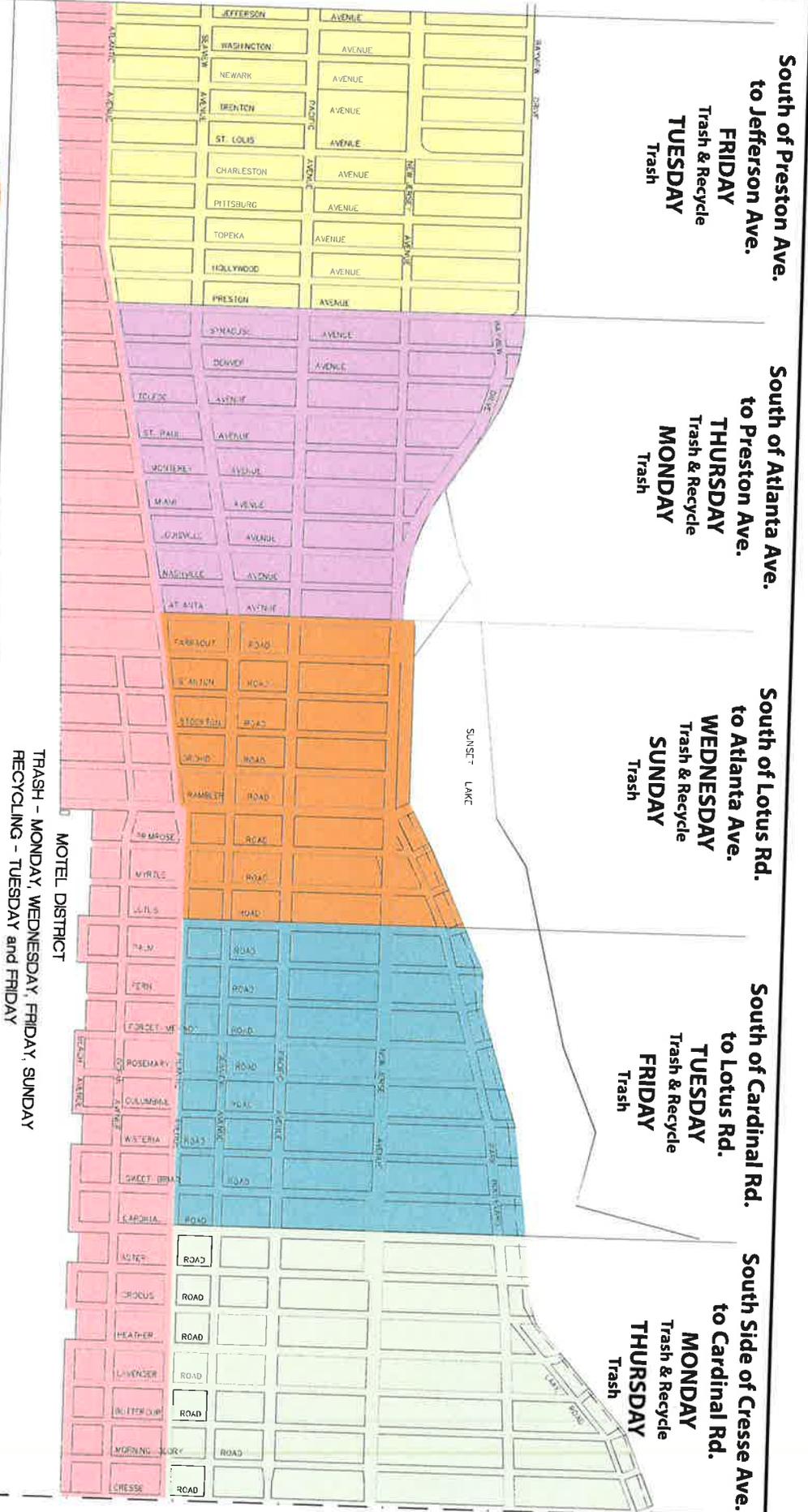
JUNE 1 THRU SEPTEMBER 30

THE BOROUGH OF WILDWOOD CREST
TRASH AND RECYCLING PICK-UP

HOLIDAYS
Pickup will be next scheduled work day except for the following which are regularly scheduled pick up days: Memorial Day, 4th of July and Labor Day

BULK PICKUP
Call Public Works
609-522-7446

VEGETATIVE WASTE, ELECTRONICS, RIGID PLASTICS
Call ahead 609-522-7446
WEDNESDAY PICKUPS ONLY



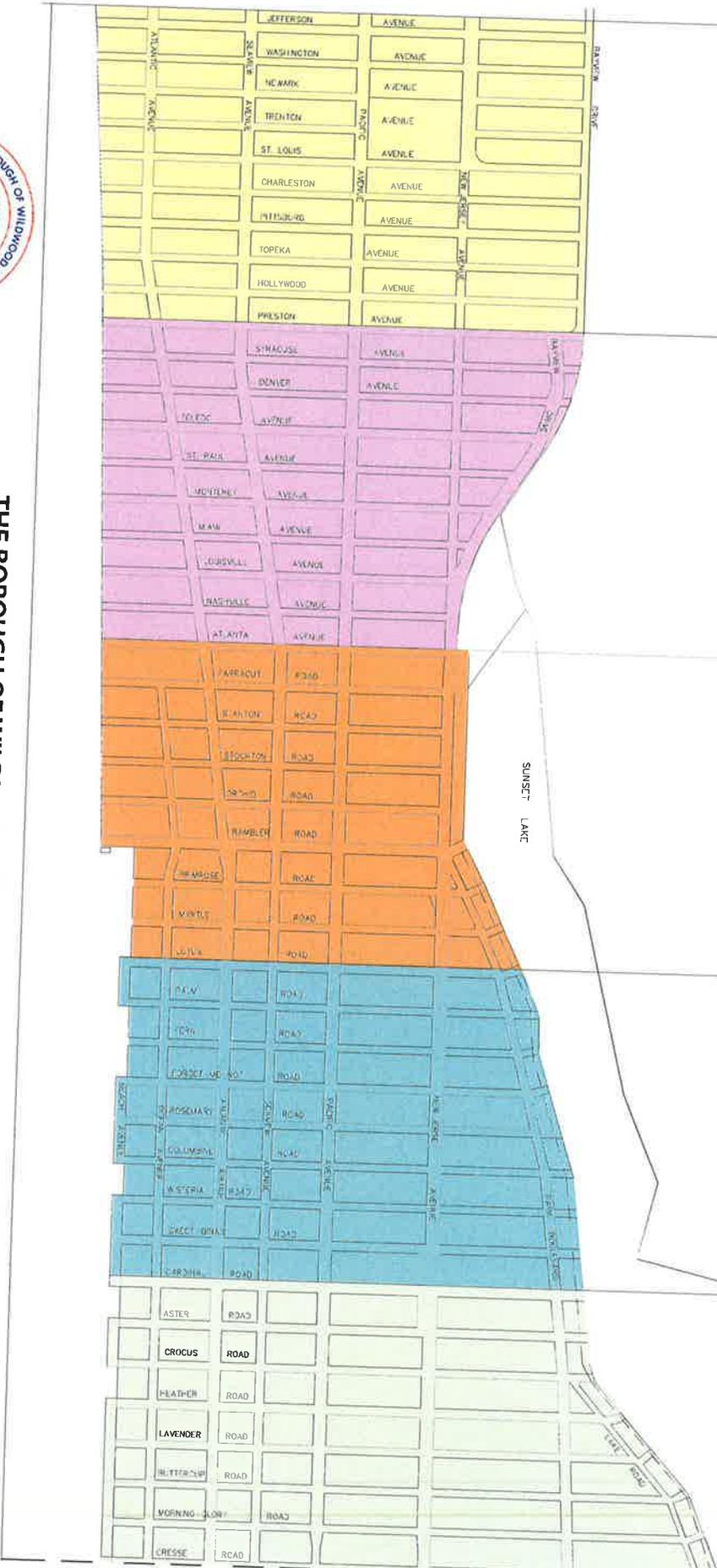
South of Preston Ave.
to Jefferson Ave.
FRIDAY
Trash & Recycle

South of Atlanta Ave.
to Preston Ave.
THURSDAY
Trash & Recycle

South of Lotus Rd.
to Atlanta Ave.
WEDNESDAY
Trash & Recycle

South of Cardinal Rd.
to Lotus Rd.
TUESDAY
Trash & Recycle

South Side of Cresse Ave.
to Cardinal Rd.
MONDAY
Trash & Recycle



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THE BOROUGH OF WILDWOOD CREST
TRASH AND RECYCLING PICK-UP
WINTER SCHEDULE
OCTOBER 1 THRU MAY 31

HOLIDAYS
Pickup will be next scheduled work day except for the following which are regularly scheduled pick up days: Memorial Day, 4th of July, and Labor Day

BULK PICKUP
Call Public Works
609-522-7446

VEGETATIVE WASTE, ELECTRONICS, RIGID PLASTICS
Call ahead 609-522-7446
WEDNESDAY PICKUPS ONLY



Legend

- Storm Manholes
- ▲ Storm Sewer Outfalls
- Storm Inlets
- Storm Pipes

WILDWOOD CREST

EXISTING STORM SEWER INFRASTRUCTURE MAP
Borough of Wildwood Crest
Cape May County, New Jersey
March 2019



AT&T/PT&D © 2019

DEBLASIO & ASSOCIATES
CONSULTING ENGINEERS AND PLANNERS