

WARREN COUNTY STORMWATER POLLUTION PREVENTION PLAN



Under New Jersey's MS4 NJDES General Permit program Warren County Department of Public Works-Road Division must develop, implement, and enforce a Stormwater Program. This program is a comprehensive initiative of managing stormwater discharges as well as maintaining the stream banks where our system outfalls into local water ways.

It is the intent of the county to manage stormwater runoff and control erosion and sediment to ensure we meet all Federal stormwater regulations.

Various pollutants discharge from small MS4s and may contain trace amounts of a variety of pollutants such as total suspended solids, dissolved solids, metals, nutrient and bacteria. The concentration of pollutants along with the volume of stormwater discharged is directly linked to the types of land use, development and percent of impervious surface in the drainage area.

The county oversees close to 3000 catch basins, 117 outfalls, and multiple stormwater systems and cross drains. These MS4 stormwater units are inspected annually, assessed and the condition of each are documented. The MS4 also covers wastes disposal, prohibition on the feeding of unconfined wildlife on properties owned by the county, catch basin cleaning and repairs, performance of good housekeeping at maintenance yards; and provide education and employee training.

The following annual report documenting stormwater activities completed in calendar year 2021 were submitted in calendar year 2022 to the State of New Jersey.

Highway Agency MSRP Annual Report Summary

Service ID: 1370022
Facility Name: WARREN CNTY BOARD OF CHOSEN FREEHOLDERS
Reporting Period: January 1, 2021 through December 31, 2021
NJPDES Permit #: NJG0152013
Activity ID: DST190001

Contacts

Name: John Tate,Sr.
Title: County Supervisor of Roads
Contact Type: Stormwater Coordinator
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Belvidere, New Jersey 07823

Uploaded Attachments

No attachments have been uploaded for this submittal.

Report Details - Part A

Highway Agency Information

Team member responsible for completing the report:	John P. Tate, Sr.
Team member email address:	jtate@co.warren.nj.us

Stormwater Pollution Prevention Plan

1. Have you revised your Stormwater Pollution Prevention Plan to incorporate changes required by the renewal permit?

Yes

2. Date the SPPP was revised:

03/27/2020

Public Notice

1. Are you complying with applicable State and local public notice requirements when providing for public participation in the development and implementation of your stormwater program?

Yes

Post-Construction Stormwater Management in New Development and Redevelopment

1. For major development on property that you own or operate, are you ensuring compliance with the applicable design and performance standards established under N.J.A.C. 7:8?

Yes

2. Are you ensuring adequate long-term operation and maintenance of stormwater BMPs on property that you own or operate?

Yes

3. For storm drain inlets that you install, are you complying with the standard set forth in Attachment C of the permit to control passage of solid and floatable materials?

Yes

4. Between January 1, 2021 and December 31, 2021 has your Highway Agency begun construction for any new development and/or redevelopment project that meets the definition of major development?

If your Highway Agency has begun construction for any new development and/or redevelopment project that meets the definition of major development you must upload the New Development Project Summary Checklist.

No

Report Details - Part B

Local Public Education Program

1. Have you developed a Local Public Education Program?	Yes
2. Date the program was developed:	06/30/2019
3. Do you operate any rest areas or service areas?	No
4. Are you providing educational materials at rest areas and service areas?	

Storm Drain Inlet Labeling

1. Have you established a storm drain inlet labeling program?	Yes
2. Indicate the percentage or number of sectors labeled to date:	100%
3. Other Amount:	
4. Is your Highway Agency maintaining the labels (i.e. replacing and/or repainting)?	Yes

Improper Disposal of Waste

Have you adopted and are you enforcing a regulatory mechanism for:

1. Improper Disposal of Waste Control:	Yes
2. Date adopted:	03/26/2008
3. Illicit Connection Control:	Yes
4. Date adopted:	03/26/2008
5. Refuse Container/Dumpster Control:	Yes
6. Date adopted:	03/26/2008
7. Status of these regulatory mechanisms:	
8. Method(s) of enforcement (e.g., agency personnel disciplinary actions, additional signs, etc.):	Personnel Disciplinary action if warranted
9. Do you operate any rest areas and/or service areas?	No
10. Pet Waste Control:	
11. Date adopted:	
12. Wildlife Feeding Control:	
13. Date adopted:	
14. Status of these ordinances:	
15. Method(s) of enforcement (e.g., agency personnel disciplinary actions, additional signs, etc.):	

Litter Pick Up Program

1. Have you developed a Litter Pick Up Program?	Yes
2. Estimated number of days between January 1, 2021 and December 31, 2021 that litter pick ups were performed:	4
3. Estimated amount of materials collected:	2.0
4. Units:	Tons

MS4 Outfall Pipe Mapping

1. Have you completed the MS4 outfall pipes mapping?	Yes
2. Date completed:	12/09/2020
3. Number of outfall pipes within the Highway Agency:	101
4. Number of outfall pipes mapped:	101

Report Details - Part C

Illicit Connection Elimination Program

1. Have you completed an illicit connection inspection for all outfall pipes?	Yes
2. Total number of outfall pipes physically inspected during this reporting period:	118
3. Number of outfall pipes found to have an illicit connection during this reporting period:	0
4. Number of illicit connections eliminated during this reporting period: Please attach, in a format provided by the Department, a list of all outfalls found to have an illicit connection since the inception of the program. The list must include the outfall location, receiving water body, source of illicit connection and the date the illicit connection was eliminated.	0

Street Sweeping Program

1. Were all required streets swept?	Yes
2. What was the total number of miles swept?	495

Please list the total amount of materials collected for each month since January 1, 2021, and indicate the unit of measurement used to report these materials.

3. Units:	Tons
4. January:	34
5. February:	0
6. March:	244
7. April:	319
8. May:	217
9. June:	121
10. July:	38
11. August:	31
12. September:	39
13. October:	44
14. November:	7
15. December:	0
16. Total (<i>The Total will be displayed in ton units. If you have selected cubic yards as your reporting unit of measurement, be aware that the total will be converted to tons, 1.053 cubic yards = 1 ton.</i>):	1094
17. If reporting zero (0) for a month above, please explain:	Due to inclement weather and vehicle break downs

Storm Drain Inlet Retrofitting

1. Were all storm drain inlets in direct contact with repaving, repairing, reconstruction or alterations retrofitted or replaced to meet the standard?	Yes
2. How many storm drain inlets were retrofitted?	0

Stormwater Facility Maintenance

Stormwater facilities include, but are not limited to, catch basins, detention basins, filter strips, riparian buffers, infiltration trenches, sand filters, constructed wetlands, wet basins, bioretention systems, low flow bypasses and stormwater conveyances. Please keep an inventory of stormwater facilities indicating type, function and location in a format provided by the Department onsite and available for inspection or upon request.

1. Have you developed a Stormwater Facility Maintenance Program?	Yes
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Stormwater Facilities

1. Were all stormwater facilities that you operate inspected?	Yes
2. Were any found to be in need of cleaning or repair in order to function properly?	Yes
3. Was the cleaning performed?	Yes
4. Were repairs made?	Yes
5. Describe repair(s) or if repairs have not yet been made, provide a schedule for the repair(s):	31 Catch Basins were repaired. During the annual report submission it will define what catch basins were repaired on what roads

Catch Basins

1. Total number of catch basins that you operate:	2958
2. Total number of catch basins inspected:	2958
3. Total number of catch basins cleaned:	60
4. Amount of materials removed from catch basins:	2.5
5. Units:	Tons

Report Details - Part D

Outfall Pipe Stream Scouring Remediation

For all outfall pipes undergoing remediation through this program, please attach additional page(s) as necessary indicating the location of the outfall pipe (including the alphanumeric identifier), the repair start date and the repair complete date.

1. Have you developed a prioritized list of outfall pipes requiring outfall pipe stream scouring remediation?	Yes
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Roadside Vegetation Management

1. Have you developed a Roadside Vegetation Management Program?	Yes
2. Are you only applying herbicides, in a 2' radius, around structures where it is not practical to mow?	Yes
3. Is mulch stabilized after applications consistent with the Standards for Soil Erosion and Sediment Control in New Jersey?	Yes

De-icing Material and Sand Storage

1. Do you have a permanent structure for de-icing material storage?

Yes

2. If sand is being stored outside, is it set back 50 feet from storm sewer inlets, ditches or other stormwater conveyance channels, and surface water bodies?

Yes

Fueling Operations

1. Are you implementing Standard Operating Procedures for vehicle fueling and receiving of bulk fuel deliveries at maintenance yard operations?

Yes

Vehicle Maintenance

1. Are you implementing Standard Operating Procedures for vehicle maintenance and repair activities at maintenance yard operations?

Yes

Good Housekeeping Practices

1. Are you implementing Good Housekeeping Practices for all materials or machinery listed in the Inventory Requirements for Highway Agency Maintenance Yard Operations (including maintenance activities and ancillary operations)?

Yes

Equipment and Vehicle Washing

1. Has your Highway Agency implemented measures to properly handle the discharge of equipment and vehicle wash wastewater from your municipal maintenance yard operations?	Yes
2. Please indicate which option you implemented to eliminate the unpermitted discharge:	Installed a vehicle wash reclaim system
3. Date the management measure was implemented:	03/26/2008
4. What is your NJPDES permit number that authorizes the discharge of vehicle and equipment wash wastewater?	
5. Are you maintaining records of vehicle and equipment washing?	

Annual Employee Training

1. Did you conduct an annual employee training program for appropriate employees on appropriate topics (e.g., police officers trained on ordinances)?	Yes
2. List date(s) of employee training:	March 2, 2021

Report Details - Part E

Sharing of Responsibilities

Do you share services with another entity to satisfy a permit requirement?	No
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Incidents of Non-compliance

Based on the answers you provided above, the Department has identified the following possible permit compliance issues. Please complete the Incidents of Non-compliance section and identify steps being taken to correct these deficiencies.

1. Did your Highway Agency have any incidents of non-compliance?

No

2. Identify the steps being taken to remedy the noncompliance and to prevent such incidents from recurring. **(If the text box is not large enough to complete this section, please provide your report as an attachment and upload it on the next screen. Please reference the attachment in the textbox.)**

Certification

Certifier: John Tate, Sr.
Certifier ID: SERPICO176
Challenge/Response Question: What is your favorite hobby?
Challenge/Response Answer: *****
Certification PIN: *****
Date/Time of Certification: 04/28/2022 14:05

"I certify under penalty of law that this Annual Report and Certification and all attached documents were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate this information. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering this information, the information in this Annual Report and Certification and all attached documents is, to the best of my knowledge and belief, true, accurate and complete.

"I certify that the municipality is in compliance with its stormwater program, Stormwater Pollution Prevention Plan (SPPP) and the NJPDES Highway Agency Municipal Stormwater General Permit No. NJG0152013 except for any incidents of non-compliance which are identified herein. For any incidents of non-compliance, the Annual Report identifies the steps being taken to remedy the non-compliance and to prevent such incidents from recurring.

"I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for purposely, knowingly, recklessly, or negligently submitting false information."

Please note, no changes will be allowed to be made to this report upon its certification. If you need to correct or modify the report after certification, please contact your case manager at (609) 633-7021 so they may enable that function.

John Tate, Sr. 04/28/2022
General Date