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MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) COMPLIANCE AUDIT

MONMOUTH COUNTY, NEW JERSEY

Report Date: January 28, 2025

Audit Dates: November 14, 2024 (Virtual Audit), November 21-22, 2024 (Field Visits)

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APPENDIX A: **R12 - *Highway Agency Municipal Stormwater General Permit Authorization Renewal*, Permit No. NJG0152234**

APPENDIX B: ***Highway Agency Municipal Stormwater General Permit*, Permit No. NJ00152234**

APPENDIX C: **PHOTOGRAPH LOG**

APPENDIX D: **EXHIBIT LOG**

- **Exhibit 1:** **Outfall Inspection Report**
- **Exhibit 2:** **Monmouth County 2019 SPPP**
- **Exhibit 3:** **NJDEP FY18 CEI**
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1.0 Introduction

The United States Environmental Protection Agency, Region 2 and EPA contractors from Eastern Research Group (ERG), conducted a compliance audit of the Monmouth County's Municipal Separate Storm Sewer System program consisting of a virtual audit on November 14, 2024 and field visits from November 21-22, 2024. The closing conference was held on November 22, 2024. Table 1 lists the primary representatives who participated in the audit.

Table 1. Monmouth County MS4 Audit Participants

Affiliation	Attendees
Primary County Representatives:	John Tobia – Director of Public Works & Engineering John.Tobio@co.monmouth.nj.us James Cerreta -Assistant Director of Public Works & Engineering James.Cerreta@co.monmouth.nj.us Jessica Kubida – Environmental Specialist Jessica.Kubida@co.ocean.nj.us Dan Frizell – General Supervisor Dan.Frizell@co.monmouth.nj.us Steven Toporek – General Supervisor Steven.Toporek@co.monmouth.nj.us Alex Whiteside – Assistant Superintendent Alex.Whiteside@co.monmouth.nj.us Joseph Ettore – County Engineer Joseph.Ettore@co.monmouth.nj.us
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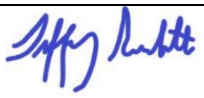
Name: Tiffany Brackett	Signature: 	Date: 1/28/2025

The purpose of the audit was to obtain information to assess the County's compliance with the requirements of the New Jersey Department of the Environmental Protection's New Jersey Pollutant Discharge Elimination System "Highway Agency Municipal Stormwater General Permit", Permit No. NJ0141887 which became effective on January 1, 2020 and expired on December 31, 2024. The County is authorized to discharge in accordance with the terms and conditions in the Permit under Authorization to Discharge No. NJG0152234.

The audit focused on Permit Minimum Standards and Other Control Measures for:

- Public Involvement and Participation Including Public Notice
- Local Public Education and Outreach
- Post Construction Stormwater Management in New Development and Redevelopment
- Pollution Prevention / Good Housekeeping
- MS4 Outfall Pipe Mapping, and Illicit Discharge and Scouring Detection and Control
- Stormwater Facilities Mapping
- Stormwater Facilities Maintenance

Construction site stormwater runoff was not evaluated as part of this audit. Part IV.B.3.a. of the Permit states "*construction site stormwater runoff activities are authorized under a separate NJPDES permit, generally the Construction Activity NJPDES Stormwater General Permit No. NJ0088323 pursuant to N.J.A.C. 7:14A-25.6(b)2, (or an individual permit pursuant to N.J.A.C. 7:14A-24.7(a)2.)*".

The EPA Audit Team compiled information about the County's MS4 Program through document reviews, interviews with County representatives, and visits to County facilities and MS4 infrastructure. Information is presented in this report as audit observations.

Appendix C, Photograph Log contains photographs taken during the field audit. Appendix D, Exhibit Log, contains Outfall Inspection Reports, Monmouth County 2019 Stormwater Pollution Prevention Plan (SPPP), NJDEP FY18 CEI, Monmouth County 2023 Annual Report, 2023 Street Sweepings, Street Sweepings Disposal Records, Stormwater Management Design Training, Cartegraph Site Screen Captures, 2023 Washout Repairs, and Photographs Received from County Representatives on December 13, 2024.

1.1 Audit Procedures

On November 14, 2024, the day of the virtual audit, members of the EPA Audit Team presented their Clean Water Act (CWA) inspector credentials to County representatives and conducted a brief opening conference. The EPA Audit Team discussed the overall objectives and plans for the virtual and field portions of the audit. The EPA Audit Team compared the SPPP contents, which are the County's plans for achieving compliance with Permit requirements, with on-the-ground implementation of the minimum standards to identify, reduce, eliminate, or prevent the discharge of stormwater pollutants, and prevent violations of surface water quality, groundwater quality, and sediment management standards. The EPA Audit Team again presented their CWA inspector

credentials on November 21, 2024, upon arrival for the field visits.

The EPA Audit Team conducted a closing conference with County representatives on November 22, 2024, at the conclusion of the field visits. During the closing conference, the EPA Audit Team presented preliminary audit findings and discussed the process for providing a written report to the County. The County was informed that the findings presented at the closing conference were preliminary and did not constitute a determination of compliance.

1.1.1 Notification and Records Request

On October 29, 2024, the EPA Audit Team provided the County with a formal audit notification letter via electronic mail. The notification stated that the EPA would be auditing the Monmouth County MS4 program for Permit compliance and included an EPA Records Request asking the County to make specific documentation available for review prior to and during the audit. The County provided the EPA Audit Team with electronic and hard copies of requested documents prior to, during, and following the audit. The EPA Audit Team requested that the bolded items in the list be provided by November 6, 2024 and the remaining documents by November 11, 2024. The County provided the EPA Audit Team with electronic copies of some of the requested documents prior to and on November 12, 2024. The EPA Audit Team requested additional documents during and following the audit. These documents are discussed below. The following is a noncomprehensive list of documents provided prior to and during the audit:

- Annual reports for 2021, 2022, and 2023 report years.
- 2023 Basin reconstruction/retrofitting activities database.
- Copies of the regulatory mechanisms defined in Permit Part IV.B.5.a (i.e., wildlife feeding, litter, improper disposal of waste).
- Records of street sweeping and litter pick-up operations (for reporting years 2021, 2022, and 2023).
- Records of catch basin and storm drain inlet inspection and cleaning (most recent Reporting Year).
- Inventory records of storm drain inlet labeling and retrofitting (most recent Reporting Year).
- Outfall map showing the location of the end of MS4 outfall pipes which discharge to a surface water body and the locations and names of all surface water bodies receiving discharges from those outfall pipes.
- Records of dry-weather outfall screening activities.
- Example of tracking mechanism/ documentation of illicit discharges identified, and actions taken to control or eliminate them.
- Map/inventory/list of Permittee facilities and properties within the permitted area (e.g., road maintenance facilities, stockpile sites, storage and material handling areas, etc.).
- Street sweeping records for the last three years.

After the audit, on November 27, 2024, the EPA Audit Team provided the County with an additional EPA Records Request. The additional records request included:

- Spill Prevention, Control, and Countermeasures (SPCC) maps with dates of last revision for Highway District 1, District 4, District 6, and District 10.

- Cartegraph (asset management system) screen captures for all site visit locations listed above with assets layers turned on as appropriate.
- Specifications/site plans for the Halls Mill Road detention basins site visit
- Documentation related to the district's street sweeping dewatering process:
    - Maps or Cartograph screen captures demonstrating the street sweeping stockpiling and dewatering locations
    - Cartegraph screen capture example of a street sweeping task and associated information
    - Standard Operating Procedure or equivalent documentation of the street sweeping dewatering process.
- The last recorded street sweeping disposal records for Highway District 4, District 8, and District 9.

The County provided the requested records prior to and on December 13, 2024.

1.2 History and Background

NJDEP originally issued the County an Authorization to Discharge on April 1, 2004 and assigned the unique identifying number, NJG0152234. Upon expiration of the 2004 Permit, permit coverage was automatically carried over to subsequent NJPDES Highway Agency Municipal Stormwater General Permits, including the current Permit. NJDEP issued the County Authorization to Discharge under the R12 – Highway Agency Stormwater General Permit on December 17, 2019 (refer to Appendix A).

The Permit authorizes the County to discharge stormwater runoff and certain non-stormwater flows from the County's MS4 to surface water and groundwater.

Based on discussion with County Representatives during the Audit and documentation received on November 12, 2024 , the County's jurisdiction includes the following receiving waterbodies from the Outfall Inspection Report (refer to Appendix D, Exhibit 1):

Shrewsbury River	Crosswicks Creek	Waackaack Creek	Manalapan Brook
Raritan / Sandy Hook Bay tributaries	Doctors Creek	Chingarora Creek	Whale Pond Brook
Navesink River	Metedeconk River	Matchaponix Brook	Shark River Tributary
McClees Creek	Assunpink Creek	Raritan River	Toms River
Deal Lake	Barnegat Bay	Wreck Pond Brook	Pleasant Run
Manasquan River	New Sharon Branch	Millstone River	

The County encompasses 665.25 square miles, bordered by the Atlantic Ocean to the east, Middlesex County to the north, Mercer and Burlington counties to the west, and Ocean County to the South. According to the 2020 U.S. Census, the total population of the County is approximately 643,615.

The County's SPPP, developed on April 1, 2005, was last updated in July 2019, (refer to Appendix D, Exhibit 2). The SPPP describes the programs, plans, and activities the County will perform to comply with Permit requirements.

1.2.1 Previous Compliance Activity

On June 12 & 15, 2018, NJDEP conducted a compliance evaluation inspection (CEI) of the Monmouth County Highway Agency (refer to Appendix D, Exhibit 3). NJDEP recorded the following deficiencies during the CEI:

- Housekeeping deficiencies at salt storage buildings in Districts 3, 10, 8, 1, and 7.
- An exposed pile of salt at District 6 was surrounded on three sides with bin block. The salt pile was exposed to the elements.
- MCHA does not have facilities to prevent vac truck wastewater (from catch basin cleaning) from flowing to the surface waters of the state.
- Industrial source materials were observed outdoors without proper containment, in violation of the Permit and/or SPP Plan, including:
    - District 9 had a large pile of waste asphalt without containment;
    - District 9 had large piles of road millings, waste concrete, stone and soil were observed on the grounds without containment;
    - District 9 had one uncovered roll-off labeled "steel only" contained crushed drums and pails of asphalt sealer and other products that must not be exposed to rainwater;
    - District 6 had several 55-gallon drums marked "non-hazardous waste" were stored outdoors on a pallet without cover or containment;
    - the small cold patch stockpile was uncovered at District 6;
    - an uncovered roll-off with several 55-gallon drums of hydraulic oil, and pails of asphalt sealant was observed at District 3;
    - aggregates stored at District 10 had 3-sided walls, some were not high enough to contain the piles of material within (especially sand); and
    - District 8 was not storing aggregates within 3-sided containment.

NJDEP required the County to add BMPs for the following activities:

- Asphalt crushing at District 9, including the storage of material that is crushed and awaiting to be crushed.
- Dumping of vac truck waste from catch basin cleaning.
- Dumping of waste from street sweeper operations.
- Housekeeping in salt storage areas.
- operation and maintenance of oil/water separators that treat water entering the floor drains of several buildings in District 9.
- Covering roll-off containers that contain pollutants, such as petroleum drums and pails, that could be contacted by rain and washed out of the container.

NJDEP's 2018 CEI required the County to add BMPs for the following activities:

- asphalt crushing at District 9, including the storage of material that is crushed and awaiting to be crushed;
- housekeeping in salt storage areas; and
- covering roll-off containers that contain pollutants.

2.0 Audit Observations

The EPA Audit Team made the following observations relative to the County's MS4 program implementation and Permit requirements.

2.1 Overall Program Management

The County's MS4 program is managed and implemented through the Public Works and Engineering Department (PWE). The PWE Environmental Specialist serves as coordinator and primary contact for MS4 program. MS4 related activities within the PWE are performed by the Directors Office, Division of Bridges, Division of Engineering, Division of Fleet Services, and Division of Highways. The County stated that they are not responsible for sanitary sewer maintenance and repairs from municipal systems within their jurisdictional boundaries or adjacent municipalities.

The PWE includes 10 Highway Districts operating across 9 physical facilities. Highway District 2 and District 9 PWE are located at the Public Works Complex in Freehold, NJ, also referred to as "Headquarters". The Division Supervisors from each district are tasked with overseeing program implementation at their respective divisional facilities. Although each Highway District facility has its own unique layout, the common site layout includes components such as an office building, employee parking area, maintenance buildings, salt storage areas, storage for street sweeping debris, cold patch storage, fueling stations, grounds maintenance equipment storage, and dumpsters.

County representatives stated that the County's Division of Highway is responsible for right-of-way maintenance activities including road de-icing, maintenance of catch basins including inlet retrofitting, street sweeping, and garage facility maintenance. The County's Bridge Department oversees catch basin and bridge inspections, including the bridge outfalls for all county bridges. County representatives stated that County field staff are responsible for visually inspecting nearby outfalls during their routine route checks.

County representatives stated that, while the MS4 program is primarily implemented by the PWE staff, some program elements, specifically the illicit discharge detection and elimination (IDDE) program, are concurrently implemented by the County Health Department, Fire Department staff, and Sheriff's Department. At the time of the audit, the County did not have any third-party contractors to carry out any aspects of the MS4 program. County representatives stated that funding for the program is allotted from the County's general funds.

The County representatives stated that they do not have MS4 agreements or memorandums of understanding (MOUs) with neighboring municipalities and MS4s pertaining to their MS4 program. They do, however, have service agreements with adjacent municipalities. The written service agreements allow the municipalities to request that the County provide services such as street sweeping, at a cost to the municipality. The County representatives noted that municipal service activities in other MS4s are not counted in the County's annual report numbers or information.

2.2 Stormwater Pollution Prevention Plan (SPPP)

In response to the EPA Records Request, the County referred to an electronic version of the County's SPPP maintained on the County webpage, which was last updated July 2019 (refer to Appendix D, Exhibit 2).

The July 2019 SPPP was signed and certified by the Director of Public Works and Engineering. The

SPPP Team, listed on SPPP Form 1, includes 11 individuals including the County's Deputy Communication Director; Clerk of the Board; County Engineer; Superintendent of Highway; staff from the Division of Engineering and Traffic Safety; the General Supervisor, Division of Highways; the Supervising Road Inspector; the General Supervisor; and staff from PWE. The County representatives stated they reviewed the SPPP contacts annually and acknowledged the list in the current SPPP needed to be updated. Additionally, the SPPP includes the 2009 Permit #NJ0141887 not the current Permit and the 2018 Annual report as attachment.

2.3 Public Involvement and Participation

SPPP Form 2 "Public Notice" states:

For any meetings where public notice is required under the Open Public Meetings Act ("Sunshine Law", N.J.S.A. 10:4-6 et seq.), Monmouth County provides public notice in a manner that complies with the requirements of that Act.

In regard to the county budget, Monmouth County provides public notice in a manner that complies with the requirements of the Local Budget Law, N.J.S.A. 40A:4-1 et seq.

For resolutions of the Monmouth County Board of Chosen Freeholders that prove a penalty for violation thereof, Monmouth County provides public notice in a manner that complies with the requirements of N.J.S.A. 40:24-3.

All public notices appear in the following periodicals:

- *Asbury Park Press*

The SPPP is posted on the County website (www.co.monmouth.nj.us) on the Department of Public Works and Engineering homepage (https://www.co.monmouth.nj.us/documents/28/HWY_FINAL_July_2019_SPPP_V2.pdf).

The County representatives stated that updates to the SPPP would be uploaded to their website where the public could review the updates. According to the County representatives, updates to the SPPP would be made at the same time as the development of the annual report.

The EPA Audit Team did not find regulatory mechanisms posted on the County website.

2.4 Local Public Education and Outreach

SPPP Form 4 "*Local Public Education Program" states "Monmouth County does not currently own or operate any service or rest areas along the County highway system; therefore distribution of the annual brochure to users of the system is not required. However, Monmouth County will post the annual brochure in common areas of appropriate Highway Agency structures."*

The EPA Audit Team confirmed that the County neither owns nor operates rest areas or service areas and is therefore exempt from the requirements outlined in Permit Part IV.B.2.a. According to the 2023 MS4 Annual Report, educational stormwater related brochures are distributed and tracked as part of the MS4 program (refer to Appendix D, Exhibit 4). However, the County representatives present stated they were not aware of the brochures that were distributed to the public. The EPA Audit Team requested the brochures during and after the virtual call but the County did not provide them.

2.5 Post Construction Stormwater Management in New Development and Redevelopment

SPPP Form 3 "New Development and Redevelopment Program" describes the County's program.

The Monmouth County Division of Highways is implementing a post-construction stormwater management in new development and redevelopment program as per the Highway Agency Permit minimum standard. Monmouth County intends to consider the applicable design and performance standards as early as possible in the project planning and design process. The Monmouth County Division of Engineering and Traffic Safety will ensure that all projects which are "new development and redevelopment projects" as described in the Highway Agency Permit are designed in accordance with the permit requirements. These applicable projects will be listed in the Annual Report and Certification. The Monmouth County Division of Highways will maintain these projects in accordance with the County's Highway Agency Stormwater Permit.

On January 12, 2006 the Monmouth County Board of Chosen Freeholders adopted resolution #06-45 which addresses the following goals:

1) Adopt (and incorporates by reference) for such projects the applicable design and performance standards (including maintenance requirements) established under N.J.A.C. 7:8 for major development, and the storm drain inlet design standard in Attachment C;

2) Requires that all such projects be designed to comply with these design and performance standards and this storm drain inlet design standard; and

3) Requires that the Highway Permit's Post-Construction Program Design Checklist for Individual Projects be completed before each project's construction is approved.

Resolution #06-45 is included in Appendix IV for reference and Appendix III includes the Post-Construction Program Design Checklist for Individual Projects.

The Monmouth County Division of Engineering and Traffic Safety works cooperatively with the Monmouth County Division of Planning relative to stormwater management responsibilities concerning new development and redevelopment projects. The cooperation of these, and other County Divisions, are intended to encourage consistency and coordination among County stormwater management activities, and may result in some future revisions to the County's postconstruction program.

For each new development or redevelopment project regulated by the Highway Permit the following information will be included in the Annual Report and Certification:

- *Project name and municipality*
- *Description of project*
- *Acres of disturbance (estimate)*
- *Acres of additional impervious surface (estimate)*
- *Land use regulation program permit requirement*
- *Completion of Design Checklist for Individual Projects*
- *Waiver claims under N.J.A.C. 7:8-5.2(e)*

- *Project approved for construction*
- *Completion of project*

SPPP Form 3 states that compliance with the Permit's storm drain inlet design criteria will *"[f]or most projects, Monmouth County will use the NJDOT bicycle safe grate and (if needed) a curb opening with a clear space no bigger than two (2) inches across the smallest dimension. The storm drain inlets will also be engineered to ensure adequate hydraulic performance."*

When the SPPP was updated in July 2019, it states that *"Monmouth County has not constructed any projects regulated by the Highway Permit as new development and redevelopment projects."*

SPPP Form 3 states that *"When the County constructs such a project, the County will ensure adequate long-term operation and maintenance of BMPs for that project by preparing (through the Monmouth County Division of Engineering and Traffic Safety) a project maintenance plan in accordance with N.J.A.C. 7:8-5.8 where applicable."*

The PWE Engineering staff complete development plan reviews. The review is completed to ensure that all projects which are "new development and redevelopment projects" as described in the Highway Agency Permit are designed in accordance with the Permit requirements. According to the County SPPP, applicable projects will be listed in the Annual Report and Certification.

County representatives stated that the County recently completed a County road project that included bridge culvert replacements, and other bridge replacement work was in process.

SPPP Form 3 states that the County had not prepared a best management practices (BMP) maintenance plan for stormwater facilities and was in the process of developing a stormwater facility maintenance program to "*ensure proper function and operation of all County stormwater facilities regulated by the Highway Permit.*" At the time of the audit, the County had not developed a complete inventory of BMPs or a BMP maintenance plan.

2.5.1 Stormwater Management Program

On January 12, 2006, the County adopted a resolution titled "Resolution Authorizing the Adoption of A Policy for Post-Construction Stormwater Management in New Development and Redevelopment in Monmouth County Highway Property." The resolution contains requirements that all major development on County-owned land should adhere to design and performance standards under the New Jersey Administrative Code (N.J.A.C) 7:8 (refer to Appendix D, Exhibit 2).

2.5.2 Post Construction Stormwater Management Plan Review

The County representatives stated that the County has engineers assigned to review County design plans. The engineers meet once every two weeks and go over key issues and questions about procedures. County representatives stated all the reviewing engineers have taken training offered by the New Jersey Department of Transportation and some have taken the free training offered by Rutgers University.

2.5.3 Post Construction Stormwater Management Facilities Maintenance

The County representatives stated that the Road Department is responsible for the long-term maintenance of County-owned post-construction facilities (e.g., detention basins). However, based

on discussions with County representatives, the County did not demonstrate that it was following operation and maintenance plans (O&M) for the County-owned post-construction facilities. Specifically, County representatives stated they were still developing an inventory of post-construction facilities but were performing mowing and removal of debris as needed. Depending on the level of effort and size of the activity required County representatives stated that maintenance may be documented in a workplan system.

2.6 Pollution Prevention / Good Housekeeping

"SPPP Form 10 – Regulatory Mechanisms" includes four of the five Permit-required regulatory mechanisms are part of Monmouth County Board of Chosen Freeholders Resolution #06-47; adopted January 12, 2006: Improper Disposal of Waste; Wildlife Feeding; Illicit Connections; and Refuse Containers and Dumpsters. "SPPP Form 10 – Regulatory Mechanisms" states the County does not have a pet waste resolution because "*The Monmouth County Highway Agency does not operate any rest areas or service areas for the Agency facilities subject to this permit.*"

The County representatives stated that each Highway District has maintenance equipment, fueling stations, and salt storage. The County representatives stated that it is the district's responsibility to ensure that each district is implementing good housekeeping BMPs. The Highway districts are responsible for performing their own inspections and the SPPP provides the standardized process they are to follow. The County representatives stated that each district has an individual approach.

2.6.1 Regulatory Mechanisms

The County has adopted the following regulatory mechanisms:

- #06-47 Prohibits Improper Disposal of Waste Into Storm Sewers on County Highways adopted on adopted on January 12, 2006.
- #06-46 Prohibits Feeding of Unconfined Wildlife on Monmouth County Highway Property, adopted on January 12, 2006.
- #06-49 Probits Illicit Connection to Storm Sewers on County Highways, adopted on January 12, 2006.
- #06-45 A Policy and Procedures for Post-Construction Stormwater Management in New Development and Redevelopment in Monmouth County Highway Property, adopted on January 12, 2006.
- MCF 10-28-2010 Policy and Procedures Requiring Dumpsters and Other Refuse Containers that are Outdoors or Exposed to Storm Water to Be Covered at all Times, adopted on October 28, 2010.
- #06-48 Policy and Procedures to Prohibit Littering at any Complex or Property Owned or Operated by Monmouth County, adopted on January 12, 2006.

2.6.2 County Wide Control Measures

Street Sweeping and Litter Pickup

According to the County's SPPP Form 12 "Street Sweeping and Road Erosion Control," "*Monmouth County currently owns/operates 1,000 lane miles of road with approximately 25.3 miles of road that currently meets the Highway Agency general permit criteria requiring monthly sweeping (i.e., 35 mph*

or less in predominantly commercial areas). Weather permitting, all County roads are swept once per month. Street sweeping diaries are maintained by street sweeper operator and provided to the General Supervisors."

SPPP Form 12 includes the County's highway agency facilities that are subject to the monthly street sweeping requirement and states the district supervisor conducts weekly road inspections to evaluate the need for repair due to erosion. "*Highway district supervisors will complete repair tasks in Cartegraph Asset Management System during scheduled erosion control repairs. This system is utilized in lieu of logs. At the end of the year, a report is calculated and exported into spreadsheet and reviewed by Dan Frizell*" (refer to Appendix D, Exhibit 5).

According to the County representatives, the County Road Department sweeps the County roads daily. The County representatives stated their street sweeping goal includes:

- With storm drains and discharge to surface waters twice a month but at least once a month at a minimum;
- With storm drains and discharge to surface waters but are not limited access highways twice a month;
- All roads at least once a month;
- County Complexes once a month; and
- Construction projects as necessary.

The County representatives stated that all street sweepings are taken to the County landfill at least once a week. The County provided street sweeping documentation including, street sweeping logs from 2021, 2022, and 2023, landfill manifests, labor logs, and showed the EPA Audit team the district facilities monthly tracking system. The records of inspection do not show that each County road was swept monthly as stated in the SPPP (refer to Appendix D, Exhibit 2).

The County's 2023 MS4 Annual Report states that from January 2023 to December 2023, the County conducted 2,977 miles of street sweeping, removing 1,357.4 cubic yards of material County-wide (refer to Appendix D, Exhibit 6).

In addition to street sweeping, the County representatives stated that they have a litter pickup program where the staff pick up litter daily, weather permitting. The County also has a Clean Communities Program that is implemented through the Sheriff Department and a Clean Beach program implemented with assistance from NJDEP. The County Representatives stated that all litter is weighed and taken to the County landfill. The County's 2023 MS4 Annual Report estimates that 26.5 tons of litter was picked up during the reporting period.

Catch Basin and Storm Drain Inlet Inspection and Cleaning

SPPP Form 13 "Stormwater Facility Maintenance" states the intent of the Highway Department is to "*inspect [all catch basins] annually and schedule cleaning and/or repairs based on the results of the physical inspection.*" Per SPPP Form 13, only catch basins with sediment, debris, or trash are cleaned and those cleaned are also inspected for proper function. "*Catch Basin Materials are added to Street Sweeping Materials. All road clean up materials will remain staged on an impervious surface for the appropriate staging time, as per the standards set in guidance provided by the NJDEP Division of Solid*

and Hazardous Waste."

The County representatives stated that there are 6,244 catch basins which are documented in Cartegraph, and the County cleans the catch basin on an as needed basis. A single crew is responsible for patrolling all the roads in each district daily and if they observe a catch basin in need of cleaning, the basin is assigned for cleaning and/or maintenance. Maintenance activities are recorded in Cartegraph. Catch basin cleaning debris is stored at the District yards and disposed of on an as needed basis, usually weekly, at the County landfill.

The County provided inlet and catch basin cleaning records for 2023. The records show 861 catch basin pipes were cleaned and 13,071 inlet tops were cleaned, note this number includes multiple cleanings for single inlets. The 2023 MS4 Annual Report states that the County inspected 6,244 catch basins, cleaned 2,686 catch basins, and collected 867.25 cubic yards of material (refer to Appendix D, Exhibit 4).

Storm Drain Inlet Labeling

SPPP Form 5 " Storm Drain Inlet Labeling" states that "*all of the storm drain inlets within the Monmouth County Highway Agency system have been labeled. This was completed during the 2004 – 2009 permit cycle.*" The SPPP also states that the Division of Highways will ensure long-term maintenance of the storm drain inlet labels during the annual catch basin cleaning program.

During the field visits, the County representatives stated they were working on updating the current inlet labels to the new ID system they were using in Cartegraph which includes the district number, type of asset, and asset number in that district. The County representatives demonstrated how the inlets are tracked in Cartegraph and showed what the old and new identifiers looked like in the system. The County representatives stated that if a label wears down or comes off, then it is replaced using the new labels that are generated by the Signs Division. During the field visits, the EPA Audit Team observed labeled storm drain inlets.

Storm Drain Inlet Retrofits

SPPP Form 11 "Solids and Floatable Control - Storm Drain Inlets (Retrofitting)" states that *"[f]or most projects, Monmouth County will use the NJDOT bicycle safe grate style and (if needed) a curb opening with a clear space no bigger than two inches across the smallest dimension."*

The County representatives stated that each district is responsible for retrofitting and repairing storm drains within their district. Retrofitting is completed by County personnel or, if it is part of a larger project, a contractor. The 2023 MS4 Annual Report states that all storm drain inlets in direct contact with repaving, repairing, reconstruction, or alteration projects were retrofitted or replaced to meet standards. According to the 2023 MS4 Annual Report, 61 storm drain inlets were retrofitted during the reporting period (refer to Appendix D, Exhibit 4).

2.6.3 Municipal Maintenance Yards and Other Ancillary Operations

SPPP Form 17 Standard Operating Procedures (SOPs) states that "*all County facilities with fueling, vehicle and equipment maintenance, and de-icing materials shall be inspected monthly basis.*" SPPP Form 17 includes a source material inventory list for maintenance yard operations.

The individual County District Supervisor is responsible for maintenance and good housekeeping measures at County facilities. The County representatives showed the EPA Audit Team their monthly tracking documentation for items such as street sweeping. During the field visits at the district facilities, some of the facility representatives stated they were performing monthly stormwater inspections of their respective yards. The District facility representatives did not have a consistent method for documentation of monthly inspections at all districts to document monthly inspections but stated some were documented in daily diaries by staff or were tracked as work orders if an issue was identified during the inspection.

The County conducts the following operations at the County District facilities: vehicle fueling, vehicle/equipment maintenance, salt storage, aggregate material storage, vehicle washing, and temporary street sweeping/catch basin material storage.

The EPA Audit Team made observations during the field audit which are further described in Section 4.0 of the report below. Many of these observations are also documented as potential non-compliance items.

Employee Training

SPPP Form 18 "Employee Training" states "*Monmouth County will conduct a training program for appropriate employees in accordance with topics contained in the permit. The coordinator for these trainings is Gary Fread, Superintendent of Highway. Sign-In sheets are attached to the SPPP.*" Also, "*[d]ates of employee training sessions are included in the Annual Report and Certification, previous years' Report and Certification are included in [SPPP] Appendix VI.*" Per SPPP Form 18, training topics covered under annual and new hire training are: waste disposal education; control measures; vegetative waste; illicit connection elimination and outfall pipe mapping; street sweeping; road erosion control and outfall pipe stream scouring remediation; and maintenance yard operations.

The SPPP included on the Country's website and provided to the EPA Audit Team in response to the records request does not include Appendix VI, which is referenced as the location of training records. In response to the EPA records request, the County provided copies of the certificates of employees who had completed the Stormwater Management Design Review Training. The certificates were set to expire on October 14, 2029 (refer to Appendix D, Exhibit 7).

During the field visits, the District Supervisors stated they talk to their staff about stormwater during routine meetings which are not documented. The County representatives stated that new hires are trained on stormwater topics, covering the ten items listed in the Permit; however, not all training documentation requested by the EPA Audit Team was not provided before, during, or following the audit.

Good Housekeeping BMPs

SPPP Form 17 lists the County's SOPs and BMPs for fueling (including fueling, bulk product transfer, spill response), vehicle maintenance (including: fluid disposal, battery & tire storage, washing, and inspection), good housekeeping practices (including: street sweepings, catch basins, cold patch, solid waste, and waste oil storage), and de-icing material storage leachate. SPPP Form 16 "De-Icing Material Storage" lists the following SOPs for good housekeeping of de-icing material handling:

- *"Prevent and/or minimize the spillage of salt and de-icing materials during loading and*

unloading activities.

- *At the completion of loading and unloading activities, spilled de-icing materials shall be removed using dry cleaning methods and either reused or disposed of properly.*
- *Sweeping of storage and loading/unloading areas by hand or mechanical means shall be done on a regular basis. More frequent sweeping is required following loading/unloading activities.*
- *Sweeping shall also be conducted immediately following, as practicable, loading/unloading activities.*
- *Tracking of materials from storage and loading/unloading areas shall be minimized.*
- *Minimize the distance de-icing materials are transported during loading/unloading activities.*

All Highway Districts that store de-icing material do so in a permanent structure, which is compliant with the County's Highway Agency Permit. Districts that must store salt for brine separately from the road salt do so in accordance with the Permit's Interim Seasonal Tarping Good Housekeeping Practices section."

SPPP SOP "Best Management Practices De-Icing Material Storage Leachate" describes "*practices to address possible leachate bubbling from the surfaces surrounding the wooden barns storing de-icing material. These practices will be implemented upon discovery of the leachate.*"

The SPPP SOP for Good Housekeeping states *"[t]his SOP-BMP contains the basic practices of good housekeeping to be implemented during typical day-to-day maintenance activities at the Monmouth County Highway Agency Facilities. The purpose of this SOP is to provide a set of guidelines for all County employees at maintenance yards.*"

The SOPs in the SPPP were all developed prior to the 2019 Permit. Fueling Operations, Vehicle Maintenance, Good Housekeeping Practices are dated 2005 and the de-icing material storage leachate SOP is dated 2018. The 2023 MS4 Annual Report states that the County is following the permit-required SOPs.

2.7 Outfall Pipe Mapping, and Illicit Discharge and Scouring Detection Control

SPPP Form 15 "Outfall Pipe Stream Scouring Remediation" directs the Department of Public Works and Engineering to "*implement a stormwater outfall pipe stream scouring, remediation, and maintenance program to detect and control localized stream scouring in the vicinity of the highway system outfall pipes operated by the County, subject to applicable permit requirements and regulations. When possible, inspections of the outfall pipes will be coordinated with inspections for illicit connections.*" The County will maintain a prioritized list of outfall pipes with scouring and establish a schedule for repairs, "*beginning with the outfall pipes most in need of remediation and those most easily accessible. In addition, repairs that do not require NJDEP Land Use permits or other local, State, or Federal permits will be completed first.*" SPPP Form 15, under "Scouring Long-term Maintenance Program" states "*[f]or those outfall pipes in which scouring had been detected, repairs will be scheduled based on the results of the physical inspection with prioritization to areas exhibiting the most severe damage.*"

The County purchased and utilizes Cartegraph, a cloud-based public sector focused asset management system for all asset management and tracking in the County, including stormwater

assets. According to the County's 2023 MS4 Annual Report and County representatives, the County has 649 MS4 outfalls (refer to Appendix D, Exhibit 4). During the field visits, County representatives stated that not all stormwater assets, including retention basins and bioswales, are included in the Cartegraph system. County representatives demonstrated that Cartegraph supports attaching or linking assets to standard operating procedures, design plans, or other relevant documents.

The County representatives stated that field staff do not have administrative permissions to enter or modify data in Cartegraph. Data entry and updates are limited to supervisors, administrators, and a PWE engineer. Digital mapping in Cartegraph is the responsibility of a PWE engineer unless the County Geographic Information System Department support is needed. The County representatives stated that the Monmouth County Planning Board maintains separate County GIS maps that are available to their staff upon request. However, assets should be the same in both programs.

The County representatives stated during the virtual discussions that they did not have any connections to any other MS4s. However, during the field visits, the County representatives identified areas where the MS4 has interconnections with neighboring municipalities outside the County jurisdiction. Specifically, the County representatives stated there were locations where the County's MS4 directly discharges into the New Jersey Turnpike Authority's MS4 at the headquarters location. County representatives stated these connections were not mapped as outfalls in Cartegraph.

The EPA Audit Team observed that SPPP Form 15 does not provide clear direction as to which outfall scouring will be addressed first, either outfall pipes most in need of remediation, most easily accessible, and outfalls that do not require NJDEP Land Use permits or other local, State, or Federal permits or those with "the most severe damage".

2.7.1 Outfall Pipe Mapping

SPPP Form 6 "MS4 Outfall Pipe Mapping" states "*The municipal separate storm sewer system (MS4) outfalls are mapped as required in the Highway Agency permit. The Monmouth County Division of Engineering and Traffic Safety maintains a GIS inventory of the outfalls within the stormwater system. The County MS4 outfall map is available in the Public Works Building located at 250 Center Street, Freehold Township, New Jersey.*"

According to the County's 2023 MS4 Annual Report, the County has 649 MS4 outfalls and all the County's MS4 outfalls are mapped (refer to Appendix D, Exhibit 2). The County used Cartegraph to demonstrate to the EPA Audit Team the County's mapped MS4 outfalls, County owned/operated facilities, stormwater controls, municipal boundaries, and receiving waters. The County also provided copies of the District Facilities and District Asset maps. The maps provided included outfalls with IDs, buildings, municipal boundaries, county routes, state highways, and local roads. County representatives also stated that the assets are maintained in a GIS map. Cartegraph assets are only updated by the District Supervisors and PWE Engineer, but all staff have access to it. Assets are manually added by designated staff from Headquarters. The County also provided an excel spreadsheet that included all 649 outfalls with their ID, the pipe material, District, city, pipe size, receiving water, notes, and coordinates.

During the field inspection, the EPA Audit Team observed previously unmapped outfalls at several County Facilities. Specifically, the EPA Audit Team observed unmapped MS4 outfalls at the

Headquarters and Districts 1, 8, and 10 (refer to Appendix D, Exhibit 8). County representatives stated that they had not mapped connections to other MS4s as outfall locations. After the Audit, the County provided screenshots of outfalls that had been added to the system (refer to Appendix D, Exhibit 8).

2.7.2 Stream Scouring

SPPP Form 15 "Outfall Pipe Stream Scouring Remediation" directs the Department of Public Works and Engineering to "*implement a stormwater outfall pipe stream scouring, remediation, and maintenance program to detect and control localized stream scouring in the vicinity of the highway system outfall pipes operated by the County, subject to applicable permit requirements and regulations. When possible, inspections of the outfall pipes will be coordinated with inspections for illicit connections.*" The County will maintain a prioritized list of outfall pipes with scouring and establish a schedule for repairs, "*beginning with the outfall pipes most in need of remediation and those most easily accessible. In addition, repairs that do not require NJDEP Land Use permits or other local, State, or Federal permits will be completed first.*" SPPP Form 15, under "Scouring Long-term Maintenance Program" states "*[f]or those outfall pipes in which scouring had been detected, repairs will be scheduled based on the results of the physical inspection with prioritization to areas exhibiting the most severe damage.*"

The EPA Audit Team observed that SPPP Form 15 does not provide clear direction as to which outfall scouring will be addressed first, either outfall pipes most in need of remediation, most easily accessible, and outfalls that do not require NJDEP Land Use permits or other local, State, or Federal permits or those with "*the most severe damage.*"

The County representatives stated that the Division of Highways and Division of Bridges are responsible for conducting stream scouring investigations and that scouring inspections are conducted concurrently with dry weather flow inspections. At the time of the audit, the County did not provide documentation or other evidence of a written program to detect and investigate stream scouring. The 2023 MS4 Annual Report states, in response to the question of whether the County has a prioritized list of outfall pipes requiring stream scouring remediation "yes" (refer to Appendix D, Exhibit 4). County representatives stated that routine inspections are completed by bridge or highway inspectors in response to complaints or routinely and that some structures are more "problematic" than others. For frequency of inspections, the County stated that bridges are inspected twice a year and where appropriate the inspector will look for stream scouring. The County provided "Washout Repair" spreadsheets for 2021, 2022, and 2023 which show the areas where washout was identified and addressed. It appears the documents address all washout areas not just stream scouring (refer to Appendix D, Exhibit 9). The County did not provide documentation of a prioritized inspection program they were following for stream scouring inspections.

2.7.3 Illicit Discharge Detection and Elimination

SPPP Form 7 "Illicit Connection Elimination Program" incorporates the Permit's Attachment B "Procedures for Detecting, Investigating, and Eliminating Illicit Connections" by reference. Per SPPP Form 7:

Outfall pipes found to have dry weather flow or indications of intermittent non-stormwater flow will be further investigated by the Monmouth County Division of Engineering and Traffic Safety, with the

assistance of the Monmouth County Health Department, as need. If no dry weather or intermittent flows are observed, there is probably not an illicit connection. Inspection information will be maintained in the County's Asset Management System.

The initial step of the investigation process of an Illicit Connection is the completion by Monmouth County Division of Engineering and Traffic Safety personnel of the Illicit Connection Inspection Report Form. Upon completion, if it is determined further investigation is required, this form will be forwarded to the Monmouth County Health Department and entered into the Health Department's Complaint Database.

The potential Illicit Connection will be further evaluated by the Health Department, as needed. Upon completion of the investigation by the Health Department, documentation will be returned to the Division of Engineering and Traffic Safety for inclusion in the Annual Report and Certification.

For illicit connections from a public source (e.g. the host municipality or a neighboring municipality), notification will be provided to that entity, and a written explanation sent to the NJDEP detailing the results of the investigation. The report should be directed to the permit manager and enforcement case manager.

SPPP Form 7 directs the County to re-inspect each outfall for illicit connections at least once per five-year Permit cycle and when possible illicit connections are reported by residents or municipalities.

The County representatives stated that they assess mapped outfalls every two years. The last round of inspections took place in 2022, and the next round of inspection is set to occur in 2025. The Outfall Inspection Report provided by the County shows inspections occurred from 2016 through 2023 (refer to Appendix D, Exhibit 1). In addition to the inspections every two years, the County representatives stated they look at the outfalls on an informal basis year-round, but the informal inspections are not documented unless an issue is identified. Information recorded by the field staff is recorded in their "daily diaries" and take photos as appropriate. County representatives stated that supervisors upload relevant notes and photos to Cartegraph.

When an illicit discharge is identified, the County representatives stated they first check County maps, including any historical maps, then follow the flow upstream using cameras if necessary. If the flow is identified as hazardous, the County Health Department is notified, and they take over the clean-up process. If not, the County representatives stated that they are able to identify the responsible party they would verbally tell them to cease the activity. If in either case, the responsible party does not address the issue, then Code Enforcement or the Building Inspector would be notified, and the issue would be escalated until the illicit discharge stopped and cleaned up.

The County representatives stated that only the Health Department can issue fines, but their staff do not have access to Cartegraph so they continue to work with PWE staff throughout the process. Additionally, County representatives stated that they have a working relationship with the County Health Department and usually receive a phone call or email when an illicit discharge is resolved. According to County representatives, illicit connections are rarely observed but when one is discovered, it is immediately reported to the County Health Department.

The County representatives stated if the public needs to report a possible illicit connection, they would call County staff directly or send an email to the County. The complaint would be added into

the County system as a task order and assigned to the appropriate highway district. Once the complaint is investigated and remediated, it is closed out in the system. County representatives stated that complaints are investigated within 24 hours unless complaints indicate a health and safety concern, then they are investigated immediately.

3.0 Field Observations

The table below summarizes the EPA Audit Team's field observations from site visits conducted in the County from November 21-22, 2024. The weather at the time of the site visit on November 21, 2024 was partly cloudy with temperatures ranging from approximately 39°F to 52°F. The weather at the time of the site visit on November 22, 2024 was partly cloudy with temperatures ranging from approximately 34°F to 42°F.

After the field visit the County provided photographs that showed before and after of housekeeping items at District 6 and District 10. These photographs have been placed in Appendix D, Exhibit 10. All photographs were taken by County representatives.

Site Visit #1: Public Works Freehold Complex (Headquarters)	
Geographic Location: 240 Center Street, Freehold, NJ	**Date:** 11/21/2024 **Time:** 9:25 AM (EST) to 11:30 AM (EST)

Notable Observations:

- The Public Works Complex Freehold (Complex) houses several different County departments/divisions including the Fleet Services, Traffic Safety, Bridge Division, District 9, Bus Facility, Fueling Station, and District 2. The Complex contains several buildings for materials and equipment storage, vehicle maintenance, vehicle storage lots, asphalt recycling, fueling, and a truck wash. The Complex includes small detention basins and catch basins that convey stormwater to a large detention basin before it leaves the property and enters the MS4. Prior to discharging from the property, stormwater passes through a Jellyfish filtration technology system. The County representatives stated the filtration system at the Complex was not mapped in Cartegraph. Refer to Appendix C, Photographs 1 and 2 for general overview photographs of the site.
- The EPA Audit Team observed a 30-yard roll-off dumpster containing general waste that did not have a permanent lid/cover (refer to Appendix C, Photograph 3).
- The Complex representatives did not have documentation of routine stormwater inspections. The Complex representatives stated they routinely walk the site and look for trash and spills.
- The EPA Audit Team observed a partially paved and gravel vehicle and equipment storage area on the middle western boundary and south of the maintenance garage (refer to Appendix C, Photographs 4 and 5). Stormwater at the vehicle storage area would flow to the adjacent large storage basin.
- The EPA Audit Team observed the large stormwater detention basin located in the southern part of the Complex. The County representatives stated that the outfall from the filtration conveys stormwater to the NJTA system. Excess stormwater from the basin would be conveyed through a weir, over a spillway, through a filtration system and offsite. The County representatives stated that they believed it connected to the NJTA MS4. (refer to Appendix C, Photographs 6 and 7). The basin consisted of three inlets and one outlet. The

Site Visit #1: Public Works Freehold Complex (Headquarters)
outfall from the filtration for the basin had not been mapped at the time of the Audit. At the time of the Audit, no trash or excess growth was observed in the basin. • A second large stormwater detention basin in the north central portion of the property had four inlets and one outlet that discharges offsite from the southern facility boundary before entering NJTA MS4 system. At the time of the site visit, the EPA Audit Team observed high velocity flow at the outlet. The County representatives stated that the outlet pipe was only 4-inches in diameter and that the pipe could get clogged easily so maintenance was performed at least twice a year in addition to the routine mowing. The outlet discharges to a filtration system and to f the County MS4. At the time of the audit no trash or excess growth was observed in the basin. • The EPA Audit Team observed a membrane treatment system comprising of several individual filters inside the access point at the outlet for each basin (refer to Appendix C, Photograph 8). The County representatives stated that, at a minimum, the individual filters are replaced twice per year and the number of individual filters deployed depends on the size of the chamber. Additionally, County representatives stated that not all stormwater filtrations systems currently deployed county-wide were mapped within Cartegraph at the time of the audit. • The EPA Audit Team observed the County vehicle wash bay and associated floor drain. The wash bay was located indoors and County representatives stated that the wash water goes through an onsite oil/water separator (OWS) before entering the sanitary sewer system. • The EPA Audit Team observed the fueling station located on the northern side of the district yard near the large detention basin. The fueling station included both gasoline and diesel pumps, spill kits, emergency shutoff access, and an emergency contact number. Fuel storage was observed adjacent to the fueling station with the required signage with three (3) 10,000-gallon above ground storage tanks (ASTs) (refer to Appendix C, Photographs 9 through 11). A small retention basin containing standing water, located adjacent to the fueling station and AST farm, was observed by the EPA Audit team. No sheen or other abnormalities were observed in the basin. The small detention basin discharges flow south and into the large detention basin located on the southern side of the Complex. • The EPA Audit Team observed a roll-off dumpster placed adjacent to the salt storage. The dumpster was delivered during the audit and was observed to be empty and without a temporary or permanent cover (refer to Appendix C, Photograph 12). • The Complex also had an area designed for asphalt recycling. The area included an asphalt recycler, milling and asphalt storage, and concrete barriers. The asphalt recycler is on an elevated platform with a loading bay below and to the rear of the system (refer to Appendix C, Photographs 13). Turbid stormwater was observed at the asphalt stockpile storage area following a recent precipitation event (refer to Appendix C, Photographs 14 and 15). • The EPA Audit Team observed aggregate storage adjacent to the salt storage. The materials were not fully contained within the covered area (refer to Appendix C, Photograph 16).

Site Visit #1: Public Works Freehold Complex (Headquarters)
• Sand storage was observed adjacent north of the Division of Bridges building. Sand was observed uncovered and outside of the containment area (refer to Appendix C, Photograph 17). • The EPA Audit Team observed sand storage that was contained and covered. Spillage was observed outside of the containment and exposed (refer to Appendix C, Photograph 18). • The EPA Audit Team observed that the salt storage structure at the Complex was fully enclosed on four sides and designed to prevent stormwater exposure, stormwater run-on, or pollutant run-off (refer to Appendix C, Photograph 19). During the audit, the structure's entryway overhead door was closed, and all sides of the enclosure were secure and in good condition. No significant signs of track out or discharge were observed. • The EPA Audit Team observed the Complex's four double-walled brine storage tanks on elevated concrete slabs. The District 9 portion of the Complex has snowplow storage and solar salt storage used for brine making, and four brine tanks (refer to Appendix C, Photograph 20). • A storage yard containing vehicles and equipment for auction was observed to the north of the salt shed. • The EPA Audit Team observed an enclosure storing oil and used batteries (refer to Appendix C, Photograph 21).

Site Visit #2: Robert C. McGurr Bridge Outfall	
Geographic Location: West of the intersection of Halls Mill Road and Elton Adelphia Road	**Date:** 11/21/2024 **Time:** 12:10 PM (EST) to 12:20 PM (EST)
Notable Observations: • The Robert C. McGurr Bridge and associated outfall is located along Elton Adelphia Road near the intersection with Halls Mill Road and extends across Debois Creek. • The EPA Audit Team observed one outfall located centrally on the northern underside of the bridge (refer to Appendix C, Photographs 22 and 23). The County representatives stated that the outfall is included in the County's routine field inspections. • The EPA Audit Team observed the outfall to be free of obstructions.	

Site Visit #3: Halls Mill Road Widening Project Post-Construction Facilities	
Geographic Location: Halls Mill Road & Elton Adelphia Road, Freehold, NJ	**Date:** 11/21/2024 **Time:** 12:20 PM (EST) to 12:35 PM (EST)
Notable Observations: • The EPA Audit Team observed the County-owned Halls Mills Road detention basin, which captures stormwater runoff from the adjacent field and roadway (refer to Appendix C, Photograph 24). The basin and swale systems are mapped within Cartegraph. • The basin's inlet was observed to be in good condition and free from obstructions. The basin's outlet was observed with a protective cage around the structure to limit debris. Standing water was not observed within the basin at the time of the audit (refer to Appendix C, Photographs 25 through 26).	

Site Visit #3: Halls Mill Road Widening Project Post-Construction Facilities
• The northbound and southbound lanes of Halls Mill Road has a vegetated swale located between the adjacent to the stormwater basin (refer to Appendix C, Photograph 27). • The County representative stated that maintaining the vegetation within the swale vegetation has been a challenge due to safety concerns during mowing and maintenance operations. At the time of the audit, the swale was observed to be free of trash.

Site Visit #4: District 5	
Geographic Location: 383 Cranberry Rd, Howell Township, NJ	**Date:** 11/21/2024 **Time:** 1:40 PM (EST) to 2:20 PM (EST)
Notable Observations: • The Monmouth County Highway District 5 includes an office building, a catch basin, salt storage building, maintenance garage, aggregate storage, brine storage, fuel island, AST for fuel, dumpsters, and a paved lot for parking and equipment storage (refer to Appendix C, Photograph 28). Marsh Bod Brook is located approximately 30 feet to the east of the facility boundary. • The EPA Audit Team observed the street sweeping and cold patch materials storage area on the southern border of the property. The materials are stored within three sided bays without covers to prevent stormwater from commingling with the materials and migrating from the storage area (refer to Appendix C, Photographs 29 and 30.) • Facility representatives were unable to produce documentation of stormwater-specific inspections of the Highway District yard required for Good Housekeeping. Facility representatives stated that they complete routine inspections once a week. • The EPA Audit Team observed a 30-yard roll-off dumpster adjacent to the salt storage containing general waste that did not have a permanent lid/cover and was not fully covered under the roofing (refer to Appendix C, Photograph 31). • The Highway District 5 maintains a fuel island on the northwest corner of the site with one (1) 6,000-gallon diesel underground storage tank (UST) and one (1) 3,000-gallon gasoline UST containing unleaded gasoline and diesel fuel (refer to Appendix C, Photograph 32). A spill kit, emergency shutoff switch, and overfill alarms were present. The signage at the fuel island did not have the required safe operation of fueling language required by the permit. • The EPA Audit Team observed that the salt storage structure at the District was fully enclosed on four sides and designed to prevent stormwater exposure, stormwater run-on, or pollutant run-off.	

Site Visit #5: Outfall OFH-5-002	
Geographic Location: East of Havens Bridge Road and Adelphia Road, Farmingdale, NJ	**Date:** 11/21/2024 **Time:** 2:35 PM (EST) to 2:45 PM (EST)

Notable Observations:

- Outfall OFH-5-002 is located along Adelphia Road in a suburban residential area. Flow was observed from the outfall at the time of the audit(refer to Appendix C, Photographs 33 and 34).
- Flow from the outfall was observed flowing overland south towards approximately 125 feet towards Crows Creek. The flow was clear and did not have an odor or foam.
- County representatives stated they visually check the outfall as a part of their routine inspections, and the outfall is mapped within the Cartegraph system.
- The County representatives stated the outfall was last inspected on 11/19/2024 and overgrown vegetation was observed. Vegetation was cleared out on 11/20/2024.

Site Visit #6: District 4	
Geographic Location: 2060 Hospital Road, Wall, NJ	**Date:** 11/21/2024 **Time:** 3:00 PM (EST) to 3:35 PM (EST)

Notable Observations:

- District 4 includes an office building, salt storage building, maintenance garage, aggregate storage, brine storage, a fuel island, dumpsters, and a paved lot for parking and equipment storage.
- The District representatives did not have documentation of stormwater-specific inspections of the Highway District yard as required for good housekeeping. The District representatives stated that they walk the site monthly and note and issues observed in their daily diaries or logs.
- The Highway District 4 maintains a fuel island with one (1) 5,000-gallon diesel AST or and one (1) 3,000-gallon gasoline AST (refer to Appendix C, Photograph 35). The signage at the fuel island did not have the required safe operation of fueling language required by the permit.
- Cold patch asphalt and aggregate materials were observed stored within three-sided bays with a roof (refer to Appendix C, Photograph 36). The materials were observed to not be fully contained within the structure at the time of the audit.
- The County representatives stated that there are three catch basins at the facility that they believe tie into the Wall Township MS4. County representative stated during the audit that the County did not have formal agreements with Wall Township regarding the operations and maintenance for MS4 connections. (refer to Appendix C, Photograph 37).
- The EPA Audit Team observed that the salt storage structure at the District was fully enclosed on four sides and designed to prevent stormwater exposure, stormwater run-on, or pollutant run-off (refer to Appendix C, Photograph 38).
- The EPA Audit Team observed minor spillage and migration of materials near the aggregate and cold patch storage area. The standing water adjacent to the storage area did not have a sheen or other visual observations to indicate that pollutants had left the storage area in stormwater (refer to Appendix C, Photograph 39).

Site Visit #6: District 4
• The 3-sided cold patch bay observed with minor spillage and drainage observed outside of the containment area (refer to Appendix C, Photograph 40). • The EPA Audit Team observed the dumpster used to store vegetative debris that was. The dumpster did not have a lid or a permanent cover (refer to Appendix B, Photograph 41).

Site Visit #7: District 8	
Geographic Location: 1621 Union Ave., Hazlet, NJ	Date: 11/22/2024 **Time:** 8:00 AM (EST) to 8:45 AM (EST)

Notable Observations:

- District 8 includes an office building, staff parking, aggregate storage, trailer parking, brine tanks, metal storage, fueling, and buildings for salt storage and maintenance. A tributary to East Creek was identified along the southern perimeter and adjacent to the paved vehicle parking lot. The tributary flows east along the property boundary towards East Creek (refer to Appendix C, Photograph 42).
- The County representatives stated that stormwater flow in the parking area and storage area along the fence generally goes towards the Creek which eventually discharges to the bay.
- The EPA Audit Team observed that the salt storage structure at the District was fully enclosed on four sides and designed to prevent stormwater exposure, stormwater run-on, or pollutant run-off.
- Aggregate materials are stored within three sided bays without covers (refer to Appendix C, Photograph 43).
- Turbid stormwater was observed flowing from the backside of the materials storage area into a vegetated graveled area (refer to Appendix C, Photograph 44).
- A 30-yard roll-off dumpster was observed to be partially under cover. The roll off contained general road trash (refer to Appendix C, Photograph 45).
- The District representatives did not have documentation of stormwater-specific inspections of the Highway District yard as required for Good Housekeeping. The District representatives stated that they walk through the site twice a month looking for leaks and checking BMPs but the walkthroughs are not documented.
- Inside the maintenance building, drums containing new and used oil were located next to the door. The drums were within secondary containment, but the drain in the containment directly next to the door was unplugged.
- The fuel island, located near the northwestern corner of the property, has double-walled gasoline and diesel fuel AST. A spill kit was observed next to the fueling area (refer to Appendix C, Photograph 46 and 47). The signage at the fuel island did not have the required safe operation of fueling language required by the permit.
- A small divot to convey stormwater from the pavement to the lawn was observed next to the fueling station (refer to Appendix C, Photograph 48).

Site Visit #7: District 8
• The District representatives stated that they combined stormwater training with SPCC training. The training includes how to clean catch basins, checking catch basins, IDDE, road debris handling, and spill notification.

Site Visit #8: Outfall OFH-8-072	
Geographic Location: North of Broad St. and 1st St., Keyport, NJ	**Date:** 11/22/2024 **Time:** 8:45 AM (EST) to 9:05 AM (EST)
Notable Observations: • Outfall OFH-8-072 is the discharge point for the stormwater infrastructure supporting the adjacent lot and multiple adjacent blocks of the MS4 system. When not high tide, the outfall discharges onto shoreline for approximately 10-ft before entering Keyport Harbor before entering the Atlantic Ocean. The outfall was exposed and above water at the time of the site visit. County representatives stated that during high tide the outfall is submerged. The outfall was observed by the EPA Audit Team during mid-tide (refer to Appendix C, Photographs 49 through 51). • The outfall was observed to be in good condition and free from staining or obstruction. • County representatives stated that this outfall is included in the routine outfall inspections and tracked in the Cartegraph system.	

Site Visit #9: District 1	
Geographic Location: 218 East Road, Middletown, NJ	**Date:** 11/22/2024 **Time:** 9:20 AM (EST) to 10:05 AM (EST)
Notable Observations: • District 1 includes an office building, salt storage building, aggregate storage, brine storage, fuel storage, and a paved lot for parking and equipment storage. • The receiving water at the district is East Creek which runs along the southern perimeter of the property. East Creek runs to the bay. • The District representatives did not provide documentation of stormwater-specific inspections of the Highway District yard as required under Good Housekeeping practice • The EPA Audit Team observed that the salt storage structure at the District was fully enclosed on four sides and designed to prevent stormwater exposure, stormwater run-on, or pollutant run-off (refer to Appendix C, Photograph 52). • The EPA Audit Team also observed straw bales surrounding the inlet located adjacent to the salt storage building and equipment lot (refer to Appendix C, Photographs 53). • Stormwater collected onsite flows to an outfall that discharges to the East Creek. The EPA Audit Team observed the outfall, and the structure was in good condition. The County representatives stated that the outfall is not currently mapped within Cartegraph (refer to Appendix C, Photograph 54). • Sheening was observed throughout the paved lot (refer to Appendix C, Photographs 55 and 56).	

Site Visit #9: District 1
• Street sweepings are stored for dewatering approximately 20-35-ft upgradient of East Creek. • The cold patch asphalt stockpile, in a three sided bay, was observed to be uncovered (refer to Appendix C, Photograph 57). • The District representatives stated that they completed training with the staff once to twice a year for all employees and new employees are trained as they come on for checking for spills, fuel handling, IDDE, good housekeeping, safety, storm drain clean up and basin cleaning.

Site Visit #10: Harbor Way Detention Basins	
Geographic Location: Harbor Way, Belford, NJ near Bedford Ferry	**Date:** 11/22/2024 **Time:** 10:10 AM (EST) to 10:20 AM (EST)
Notable Observations: • The EPA Audit Team observed two County-owned detention basin systems that receive flow from the adjacent parking lot. The southwestern detention system consists of two (2) smaller basins connecting to one (1) larger basin. The northeastern system consists of once 'L' shaped detention basin (refer to Appendix C, Photographs 58 and 59). • At the time of the audit, the detention basin outfall was visually obstructed and could not be safely observed by the EPA Audit Team without entering onto private property. County representative pointed to the suspected location of the outfall, which discharges from the shoreline of Harbor Way before entering Harbor Bay then the Atlantic Ocean. • The EPA Audit Team observed erosion and animal burrows on the inner basin berms as well as debris and solid waste in the outlet chamber within the basin (refer to Appendix C, Photographs 60 through 62).	

Site Visit #10: District 10	
Geographic Location: 690 Route 520, Marlboro Township, NJ	**Date:** 11/22/2024 **Time:** 10:53 AM (EST) to 11:25 AM (EST)
Notable Observations: • The Monmouth County Highway District 10 includes an office building, salt storage building, aggregate storage, brine storage, vehicle and equipment maintenance garage, fueling, and a paved lot for parking and equipment storage. • The EPA Audit Team observed that the salt storage structure at the district yard was fully enclosed on four sides and designed to prevent stormwater exposure, stormwater run-on, or pollutant run-off (refer to Appendix C, Photograph 63). No signs of spillage or discharge were observed. • A 30-yard roll off was observed partially covered (refer to Appendix C, Photograph 64 and 65). • Staining was observed at the AST and fueling station. The fueling station included gasoline and diesel (refer to Appendix C, Photograph 66).	

Site Visit #10: District 10
• The EPA Audit Team observed a stormwater conveyance along the eastern side of the paved lot leading to a conveyance. The conveyance was partially obstructed by sediment and leaf litter. The arrow indicates the location of the conveyance (refer to Appendix C, Photograph 67). • Three storm drain inlets on the eastern portion of the yard are connected to three pipes that convey stormwater to the drainage ditch at the east of the property. The pipes discharge approximately 50 to 200 feet upstream of Willow Brook at southeast of the property. Discharge from salt barn and fueling area would be captured by the inlets. • The EPA Audit team noted that stormwater in the remainder of the yard flows toward the southeast corner of the facility, where a discharge point and sinkhole were observed at the discharge point. The discharge point is approximately 200 feet from Willow Brook (refer to Appendix C, Photograph 68). • Some trash and debris were observed throughout the yard including an oil lubricant container with unidentified fluid in the drainage ditch along the southern perimeter. • Between the entrance to the District and Willow Brook, the EPA Audit Team observed a large sediment stockpile on the lawn that was uncontained and uncovered. The District representatives stated that the stockpile was not actively being worked. • The District representatives did not provide documentation of stormwater-specific inspections of the Highway District yard as required under good housekeeping practices. The District representatives stated that they inspect the yard two times a week and they inspect the storm drain inlets prior to and after rain events.

Site Visit #11: District 6	
Geographic Location: 750 Wilson Ave, Eatontown Boro, NJ	**Date:** 11/22/2024 **Time:** 11:50 AM (EST) to 12:40 PM (EST)
Notable Observations: • The Monmouth County Highway District 6 includes an office building, salt storage building, aggregate storage, brine storage, fuel island, de-activated truck wash, chemical storage, and a paved lot for parking and equipment storage. (refer to Appendix C, Photograph 69) • The EPA Audit Team observed a 30-yard roll-off dumpster adjacent to the salt storage containing general waste that did not have a permanent cover or lid and was not fully covered under the storage shed roof. • Uncovered and uncontained stockpiles of sediment were observed upgradient of a storm drain inlet. Evidence of a discharge of sediment was observed. The sediment was not observed entering the inlet. Uncontained asphalt millings were observed along the northern perimeter upgradient of the storm drain inlets, drainage ditch, and Willow Brook (refer to Appendix C, Photograph 70). • District 6 maintains a fuel island on the northwest corner of the site with one (1) 6,000-gallon diesel UST and one (1) 3,000-gallon gasoline AST for fueling (refer to Appendix C, Photograph 71). A spill kit, emergency shutoff switch, and overfill alarms were present. The signage at the fuel island did not have the required safe operation of fueling language required by the permit.	

Site Visit #11: District 6
• The EPA Audit Team observed an enclosed chemical storage area (refer to Appendix C, Photograph 72) • The EPA Audit Team observed that the salt storage structure at the District was fully enclosed on four sides and designed to prevent stormwater exposure, stormwater run-on, or pollutant run-off. • A partially covered cold patch storage area was not fully contained at the time of the Field visit (refer to Appendix C, Photograph 73). • The EPA Audit Team observed three-sided bays for aggregate storage (refer to Appendix C, Photograph 74). • The District included a fueling station with AST for diesel and gasoline, the EPA Audit Team observed spill kits at the fueling station (refer to Appendix C, Photograph 75 and 76). • The County representatives stated that street sweeping debris are temporarily staged at the district yard and disposed of on a weekly basis when the debris is transported to the County landfill for disposal. • The County representatives further stated that the volume of sweepings deposited at the facility are recorded and entered in the Cartegraph system by the District supervisor. • The District representatives did not have documentation of their routine stormwater-specific inspections as required for good housekeeping. The District representatives stated that they complete routine inspections at least two times a week. During the inspection, they check for leaks, spills, debris, and clogged storm drain inlet. • The County representatives stated that when the military installation, where the District is located, closed the pipes were divided up by municipal boundaries and the property provided to the County, there were requirements for upgrades to the infrastructure. Facility representatives were not sure how all the pipes from the site connected to offsite municipalities. • Stormwater inlets were observed with leaf litter at the time of the field visit (refer to Appendix C, Photograph 76). • The County representatives stated they believe the receiving waterbodies for District 6 are Wampum Brook, Huskey Brook, and a pond to the south. The County representatives did not know the name for the pond. • The District representatives stated that the new employee training provided to the District staff includes reporting IDDE, trash handling, maintenance, debris handling, and communication with other departments.

4.0 Summary

4.1 Potential Non-Compliance Items

Stormwater Pollution Prevention Plan

1. Part IV.A.2.c. of the Permit requires the permittee to "review the SPPP at least annually and update it as often as necessary to reflect changes related to the permittee's MS4 Stormwater Program." The SPPP provided by the County prior to the Audit was last updated in July 2019.

At the time of the Audit, the EPA Audit Team found that provided SPPP had not been updated to reflect the permittee's MS4 Stormwater Program, including:

a) The County representatives stated that the SPPP Team needed to be updated to reflect current staffing.
b) The SPPP includes a previous version of the permit, which expired in 2014, as an attachment.
c) The SPPP did not include a section for shared and contracted services information.
d) Per SPPP Form 4 "Monmouth County will post the annual brochure in common areas of appropriate Highway Agency structures." The County representatives were not aware of the brochures. The EPA audit team requested the brochures during and after the virtual audit, but the County did not provide them.
e) SPPP Form 3 states "*[s]ince the EDPA, Monmouth County has not constructed any projects regulated by the Highway Permit as new development and redevelopment projects. When the County constructs such a project, the County will ensure adequate long-term operation and maintenance of BMPs for that project by preparing (through the Monmouth County Division of Engineering and Traffic Safety) a project maintenance plan in accordance with N.J.A.C. 7:8-5.8 where applicable.*" At the time of the audit the County did not provide the EPA Audit Team with a project maintenance plan for the Halls Mill Road Project, a new development and redevelopment project. The as-builts for the Halls Mill Road Project are dated 12/23/2023.
f) SPPP Form 18 "Employee Training" states "Monmouth County will conduct a training program for appropriate employees in accordance with topics contained in the permit. The coordinator for these trainings is Gary Fread, Superintendent of Highway. Sign-In sheets are attached to the SPPP." Also, "[d]ates of employee training sessions are included in the Annual Report and Certification, previous years' Report and Certification are included in [SPPP] Appendix VI." the SPPP provided on the website in response to the EPA's records request does not include Appendix VI which is referenced as the location of training records.
g) Part IV.A.2.a.iii. requires the SPPP to identify each individual maintenance yard to be covered under each permit authorization, including the geographic region and site specific details of each yard. At a minimum, the SPPP for permittees with multiple yards must include an individual Form 10 (Maintenance Yards and Other Ancillary Operations) for each yard, as well as any other site specific SPPP Forms for each yard, where applicable. The SPPP provided did not include a SPPP Form 10 for each maintenance yard.

Post Construction Stormwater Management in New Development and Redevelopment

2. Part IV.B.4.a. of the Permit requires the permittee to "develop, update, implement and enforce its stormwater management program to address post construction stormwater runoff in new development and redevelopment projects owned or operated by the permittee, and to ensure compliance with the Stormwater Management rules at N.J.A.C. 7:8 et seq."

   At the time of the audit, the County had not:

- Mapped stormwater management basins as required by part IV.C.1.a.ii. of the Permit.
- Developed and implemented a program to ensure adequate long-term cleaning, operation and maintenance of stormwater management basins as required by part IV. C.2.a. of the Permit.
- Conducted regular inspections of stormwater management basins as required by part IV.C.2.c. of the Permit.

Furthermore, the County SPPP does not provide post-construction procedures that address all aspects of the permit requirements, such as reviewing plans for compliance with N.J.A.C. 7:8 et. seq.shard

Outfall Pipe Mapping, and Illicit Discharge and Scouring Detection Control

3. Part IV.B.6.b. of the Permit requires the permittee to "develop, update and implement a program to detect, investigate and control any localized stream scouring from stormwater outfall pipes owned or operated by the permittee."

   The County did not provide the EPA Audit team with scouring inspection procedures that included a written, developed, or implemented process or frequency of routine or targeted scouring inspections. During the field audit, the County provided a verbal description of the detection and inspection process.

   The County's 2023 MS4 Annual Report stated that the County has developed a prioritized list of outfalls for stream scouring information, however the County did not provide this prioritized outfall list in response to the EPA's records request.

4. Part IV.B.6.c of the Permit requires the permittee to "develop, update, implement and enforce an ongoing Illicit Discharge Detection and Elimination Program in accordance with this permit…Document investigations and actions taken using the Department's Illicit Connection Inspection Report Form."

   At the time of the audit, the County representatives stated that the Health Department would complete sampling of illicit discharges, and they were not certain what field methods are used in the sampling and analysis. Additionally, County representatives stated there is no written procedure for communication between Public Works and the Health Department to ensure that all illicit discharges are properly documented and reported in the County's annual report.

5. Part IV.B.6.c.i of the Permit requires the permittee to "Conduct visual dry weather inspection of all outfall pipes owned or operated by the permittee at least once every five years, with a minimum of 20% of the total number of outfalls or 100 per year, whichever is greater to determine if dry weather flow (flow occurring 72 hours after a rain event) or other evidence of illicit discharge is present…"

   The Outfall Inspection Report provided by the County as their dry weather inspection document, shows that the County conducted the majority of the outfall inspections in 2018 and 2019. In addition to the inspections in 2018 and 2019, four outfalls were inspected in 2020, one outfall in 2021, seven outfalls in 2022, and 21 outfalls in 2023. County

representatives stated dry weather outfall inspections occurred in 2022. The 2023 Annual report states there are 649 mapped outfalls.

Furthermore, the Outfall Inspection Report provided by the County did not document whether the inspector observed dry weather flow, or other indicators required by the Illicit Connection Inspection Report Form on page 7-3 of the provided SPPP.

Pollution Prevention / Good Housekeeping for Municipal Operations (PPGH)

6. Part IV.B.5.b.xv of the Permit requires the permittee to "ensure that dumpsters (including tire) and other refuse containers that are outdoors or exposed to stormwater, are covered at all times."

   The roll-off dumpsters at all Districts except District 6 were observed to be not completely covered. The roll-off dumpsters contained various contents and did not have temporary or permanent covers to prevent exposure to stormwater.

7. Part IV.B.5.c. of the Permit states that the "permittee shall implement the best management practices described in Attachment E (Best Management Practices for Maintenance Yards and Other Ancillary Operations) for maintenance yards and other ancillary operations owned or operated by the permittee."

   a. Attachment E "Best Management Practices for Maintenance Yards and Other Ancillary Operations" directs the County to "Maintain an inspection log detailing conditions requiring attention and remedial actions taken for all activities occurring at Maintenance Yards and Other Ancillary Operations. This log must contain, at a minimum, 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, and its location referenced in the SPPP and made available to the Department upon request."

      The County did not maintain stormwater inspection logs at municipal facilities inspected by the EPA Audit Team. The County also did not provide the EPA Audit Team with the requested procedures for all the District facilities routine inspection process in response to the Records Request or during the audit. The County representatives stated they were not always documenting routine inspections and only made notes when an issue was observed.

   b. Attachment E of the Permit, "Best Management Practices for Maintenance Yards and Other Ancillary Operations," directs the County to "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."

      At District 6, the EPA Audit Team stockpiled cold patch, millings, and soil upgradient to a storm drain inlet without BMPs in place to prevent pollutants from entering the inlet and discharging from the property.

c. Attachment E identifies specific BMPs for various operations, including fueling. Among the BMPs that NJDEP has identified for fueling operations that must be included is signage or instructions for the safe operation of fueling equipment that must be posted in a prominent area of the facility. The following must be included:

- "Topping off 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.

At the time of the audit, the EPA Audit Team observed the signage posted at District 5, 6, 8, 9, and 10 visited during the site visits did not meet the Permit requirements

d. Attachment E of the Permit, "Best Management Practices for Maintenance Yards and Other Ancillary Operations," directs the County to "implement [good housekeeping BMPs] at maintenance yards and other ancillary operations owned or operated by the permittee."

The EPA Audit Team observed instances of poor general housekeeping at all the district facilities including petroleum staining on the ground surface and catch basins and storm drain inlets filled with sediment.

Other Control Measures

8. Part IV.C.1.a. of the Permit requires the permittee to develop, update and maintain a Stormwater Facilities Map that includes subsurface infiltration/detention systems, manufactured treatment devices (MTDs), and green infrastructure, that is owned or operated by the permittee. At the time of the Audit the County did not have all these features mapped, including the County's membrane treatment devices.

9. Part IV.C.2.b. requires stormwater facility maintenance to be performed pursuant to any maintenance plans, or more frequently as needed, to ensure the proper function and operation of the stormwater facility. The permittee shall maintain a log sufficient to demonstrate compliance with this section as required by Part IV.C.2.c of the Permit. At the time of the audit, the County was not maintaining a log to document the inspection and maintenance of several stormwater facilities, including the membrane treatment devices, the Halls Mill Road bioswale.

10. Part IV.6.c.iv. of the Permit requires the permittee to "[i]nvestigate, within 30 days of receipt, complaints and reports of illicit connections, including those from operating entities of interconnected MS4s." The permittee must be familiar with "interconnected MS4s"to comply with Part IV.5.c.iv. During the audit, the County representatives told the EPA Audit Team that MS4 interconnections exist but the interconnections with other MS4s were not mapped.

4.2 Areas of Concern

1. The EPA Audit team noted that about half of the stormwater in District 10 flows toward the southeast corner of the facility, where a discharge point and sinkhole were observed at the discharge point. The discharge point is approximately 200 feet from Willow Brook.

2. Part II.C.3.a. of the new Highway Agency General Permit, which became effective on January 1, 2025, states that this permit does not authorize "stormwater discharge associated with industrial activity" as defined in N.J.A.C. 7:14A-1.2. Part i.5 of this section states that types of facilities that the permittee might operate and that are considered to be engaging in "industrial activity" include but are not limited to facilities that process and/or compost recyclable materials as defined in N.J.A.C. 7:26A (Recycling Rules), which includes asphalt recycling. Part II.C.3.a.ii. requires that any permittee that has stormwater discharges associated with industrial activities shall submit a separate RFA or individual permit application for that discharge. At the time of the Audit, the EPA Audit Team observed an asphalt recycling plant located at the Headquarters location. As previously stated, asphalt recycling is an industrial activity under the new Highway Agency General Permit.

3. Part IV.F.4.o.ii. of the new Highway Agency General Permit, which became effective on January 1, 2025, requires that the permittee dewater street sweepings, storm sewer and catch basin clean-out materials, stormwater basin clean-out materials, and other similar materials in a manner that prevents discharge to surface or ground water. At the time of the audit, the county did not SOPs in place for dewatering.

State of New Jersey

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

DEPARTMENT OF ENVIRONMENTAL PROTECTION
Mail Code - 401-02B
Water Pollution Management Element
Bureau of Nonpoint Pollution Control
P.O. Box 420 – 401 E. State St.
Trenton, NJ 08625-0420
Tel: (609) 633-7021 / Fax: (609) 777-0432
http://www.state.nj.us/dep/dwq/bnpc_home.htm

CATHERINE R. McCABE
Commissioner

December 17, 2019

SENT VIA EMAIL to: JOHN.TOBIA@CO.MONMOUTH.NJ.US

John Tobia
MONMOUTH CNTY
250 CENTER ST
FREEHOLD, NJ 07728

Re: Stormwater Discharge General Permit Authorization Renewal
Category: R12 -Highway Agency Stormwater General Permit
NJPDES: NJG0152234 / PI ID #: 222751
MONMOUTH CNTY
Freehold Boro, Monmouth County

Dear Stormwater Program Coordinator:

Enclosed is New Jersey Pollutant Discharge Elimination System (NJPDES) Authorization to Discharge Renewal No. NJG0152234 (Category R12 -Highway Agency Stormwater General Permit) issued under the authority of Stormwater NJPDES Master General Permit No. NJ0141887 (Highway Agency Master GP).

The Highway Agency Master GP and associated documents are posted at https://www.nj.gov/dep/dwq/highway.htm, which includes a Response to Comments document that includes a summary of the significant and relevant comments received during the public comment period, the Department's responses, and an explanation of any changes from the draft action.

If you have any questions or comments regarding the above referenced action, please contact Bennett Moss by telephone at 609-633-7021.

Sincerely,

Gabriel Mahon

Gabriel Mahon, Chief
Bureau of Nonpoint Pollution Control

C: Water Compliance and Enforcement Regional Office

New Jersey Department of Environmental Protection
Mail Code - 401-02B
Bureau of Nonpoint Pollution Control
Water Pollution Management Element
PO Box 420
Trenton, NJ 08625-0420
Phone: (609) 633-7021
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AUTHORIZATION TO DISCHARGE
R12 -Highway Agency Stormwater General Permit

Facility Name: MONMOUTH CNTY

Permit Number: NJG0152234

Program Interest No.: 222751

Facility Address:
250 CENTER ST
FREEHOLD, NJ 07728

Type of Activity: Stormwater Discharge General Permit Authorization Renewal

Owner:
MONMOUTH CNTY
250 CENTER ST
FREEHOLD, NJ 07728

Operating Entity:
MONMOUTH CNTY
250 CENTER ST
FREEHOLD, NJ 07728

Issuance Date:	**Effective Date:**	**Expiration Date:**
12/17/2019	01/01/2020	12/31/2024

Your Request for Authorization under NJPDES General Permit No. NJ0141887 has been approved by the New Jersey Department of Environmental Protection.

Gabriel Mahon

Gabriel Mahon, Chief
Bureau of Nonpoint Pollution Control

Date: 12/17/2019

(Terms, conditions and provisions attached hereto)

Division of Water Quality

PART I
GENERAL REQUIREMENTS: NJPDES

A. General Requirements of all NJPDES Permits

1. Requirements Incorporated by Reference

a. The permittee shall comply with all conditions set forth in this permit and with all the applicable requirements incorporated into this permit by reference. The permittee is required to comply with the regulations, including those cited in paragraphs b. through e. following, which are in effect as of the effective date of the final permit.

b. General Conditions

Penalties for Violations	N.J.A.C. 7:14-8.1 et seq.
Incorporation by Reference	N.J.A.C. 7:14A-2.3
Toxic Pollutants	N.J.A.C. 7:14A-6.2(a)4i
Duty to Comply	N.J.A.C. 7:14A-6.2(a)1 & 4
Duty to Mitigate	N.J.A.C. 7:14A-6.2(a)5 & 11
Inspection and Entry	N.J.A.C. 7:14A-2.11(e)
Enforcement Action	N.J.A.C. 7:14A-2.9
Duty to Reapply	N.J.A.C. 7:14A-4.2(e)3
Signatory Requirements for Applications and Reports	N.J.A.C. 7:14A-4.9
Effect of Permit/Other Laws	N.J.A.C. 7:14A-6.2(a)6 & 7 & 2.9(c)
Severability	N.J.A.C. 7:14A-2.2
Administrative Continuation of Permits	N.J.A.C. 7:14A-2.8
Permit Actions	N.J.A.C. 7:14A-2.7(c)
Reopener Clause	N.J.A.C. 7:14A-6.2(a)10
Permit Duration and Renewal	N.J.A.C. 7:14A-2.7(a) & (b)
Consolidation of Permit Process	N.J.A.C. 7:14A-15.5
Confidentiality	N.J.A.C. 7:14A-18.2 & 2.11(g)
Fee Schedule	N.J.A.C. 7:14A-3.1
Treatment Works Approval	N.J.A.C. 7:14A-22 & 23

c. Operation And Maintenance

Need to Halt or Reduce not a Defense	N.J.A.C. 7:14A-2.9(b)
Proper Operation and Maintenance	N.J.A.C. 7:14A-6.12

d. Monitoring And Records

Monitoring	N.J.A.C. 7:14A-6.5
Recordkeeping	N.J.A.C. 7:14A-6.6
Signatory Requirements for Monitoring Reports	N.J.A.C. 7:14A-6.9

e. Reporting Requirements

Planned Changes	N.J.A.C. 7:14A-6.7
Reporting of Monitoring Results	N.J.A.C. 7:14A-6.8
Noncompliance Reporting	N.J.A.C. 7:14A-6.10 & 6.8(h)
Hotline/Two Hour & Twenty-four Hour Reporting	N.J.A.C. 7:14A-6.10(c) & (d)
Written Reporting	N.J.A.C. 7:14A-6.10(e) &(f) & 6.8(h)
Duty to Provide Information	N.J.A.C. 7:14A-2.11, 6.2(a)14 & 18.1
Schedules of Compliance	N.J.A.C. 7:14A-6.4
Transfer	N.J.A.C. 7:14A-6.2(a)8 & 16.2

PART II

GENERAL REQUIREMENTS: DISCHARGE CATEGORIES

A. Additional Requirements Incorporated By Reference

1. Additional Requirements Incorporated by Reference

a. The Stormwater Management rules at N.J.A.C. 7:8.

b. Conditions for General Permits at N.J.A.C. 7:14A-6.13, including the Department's authority to require, for due cause, a permittee to apply for and obtain a different stormwater permit for specific activities otherwise authorized under this permit.

c. Additional Conditions applicable to UIC permits at N.J.A.C. 7:14A-8.9, UIC Corrective Action (N.J.A.C. 7:14A-8.11) and UIC Operating Criteria (N.J.A.C. 7:14A-8.16).

d. Conditions for reopening and modification of small MS4 permits at N.J.A.C. 7:14A-16.4(b) and N.J.A.C. 7:14A-25.7(b).

e. Requirements for Discharges to Ground Water at N.J.A.C. 7:14A-7.

f. National Pollutant Discharge Elimination System (NPDES) Electronic Reporting rule at 40 CFR Part 127.

B. General Conditions

1. Notification of Non-Compliance

a. The permittee shall notify the Department of any non-compliance when required by N.J.A.C. 7:14A-6.10 by contacting the DEP Hotline at 1-877-WARN-DEP.

2. Discharge of Pollutants

a. For discharges authorized by this permit, the permittee is exempt from N.J.A.C. 7:14A-6.2(a)2. This exemption means that the discharge of any pollutant not specifically regulated in this NJPDES permit or listed and quantified in the Request for Authorization (RFA) shall not constitute a violation of the permit.

3. Standard Reporting Requirements – Electronic Reporting of NJPDES Information

a. Unless already required by this permit to be submitted electronically by an earlier date, effective December 21, 2020 (for information on the NPDES eRule, see www.epa.gov/compliance/npdes-ereporting), the below identified documents and reports shall be electronically submitted via the Department's designated electronic submission service:

i. General permit authorization requests (i.e. RFAs);

ii. General permit termination/revocation requests; and

iii. Municipal separate storm sewer system (MS4) program reports (see Part IV.G).

4. Other Regulatory Requirements

a. Permit conditions remain in effect and enforceable until and unless the permit is modified, renewed or revoked by the Department.

b. The issuance of this permit shall not be considered as a waiver of any applicable federal, State or local rules, regulations and ordinances.

c. In accordance with N.J.A.C. 7:14A-6.2(a)7, this permit does not authorize any infringement of State or local law or regulations, including, but not limited to, N.J.A.C. 7:50 (the Pinelands rules), N.J.A.C. 7:1-E (Discharges of Petroleum and other Hazardous Substances), regulations concerning threatened and endangered species and their designated critical habitat, and other Department rules. No discharge of hazardous substances (as defined in N.J.A.C. 7:1E-1.6) resulting from an onsite spill shall be deemed to be "pursuant to and in compliance with this permit" within the meaning of the Spill Compensation and Control Act at N.J.S.A. 58:10-23.11c.

d. While the permittee is required to comply with applicable operation and maintenance requirements of N.J.A.C. 7:14A-6.12(a), the permittee is exempt from the operations and maintenance manual requirements of N.J.A.C. 7:14A-6.12(c). This exemption applies only to discharges authorized under this permit and does not alter the operation and maintenance requirements for stormwater facilities specified in this permit or N.J.A.C. 7:8.

C. Eligibility

1. Permit Scope

a. This general permit applies to all stormwater discharges from small MS4s at highways or other thoroughfares that are owned or operated by a "Highway Agency" under N.J.A.C. 7:14A-25.2(a)3.

b. For purposes of this permit and as described under N.J.A.C. 7:14A-25.2(a)3, a "Highway Agency" is a county, state, interstate or federal agency that operates a small MS4 at a "highway or other thoroughfare" (including a maintenance or service facility or rest area for such a thoroughfare). A "highway or other thoroughfare" does not include:

i. Any thoroughfare confined to the grounds of a single building, or of two or more buildings that are not a "public complex" as described in N.J.A.C. 7:14-A-25.2(a)2 (unless that building(s) is a maintenance or service facility for a highway or other thoroughfare not confined to such grounds);

ii. Any thoroughfare confined to the grounds of a "public complex" (each such thoroughfare is instead considered part of the "public complex"); or

iii. Any thoroughfare (other than the Palisades Interstate Parkway) confined to an officially designated park, forest, recreational area, natural area, wildlife management area, or area set aside for water supply protection.

c. The short title of this permit is the "Highway Agency MS4 NJPDES permit."

2. Authorized Discharges Under the Highway Agency MS4 NJPDES Permit

a. Eligible Stormwater Discharges – Except as provided in Part II.C.3 below, this permit authorizes all new and existing stormwater discharges to surface water and groundwater from:

i. Small MS4s (as defined at N.J.A.C. 7:14A-1.2) that are owned or operated by a "Highway Agency".

ii. Maintenance yards and other ancillary operations (see Part IV.B.5.c) that are owned or operated by a "Highway Agency".

b. Eligible Non-Stormwater Discharges – Except as identified in Part II.C.3.e below, the following new and existing non-stormwater discharges from small MS4s owned or operated by Highway Agencies and from maintenance yards and other ancillary operations (see Part IV.B.5.c) owned or operated by Highway Agencies are eligible for authorization under this permit:

i. Potable water line flushing and discharges from potable water sources, excluding the discharge of filter backwash and first flush water from potable well development/redevelopment activities utilizing chemicals in accordance with N.J.A.C. 7:9D. The volume of first flush water, which is a minimum of three times the volume of the well water column, shall be handled and disposed of properly;

ii. Uncontaminated ground water (e.g. infiltration, crawl space or basement sump pumps, foundation or footing drains, rising ground waters);

iii. Air conditioning condensate (excluding contact and non-contact cooling water; and industrial refrigerant condensate);

iv. Irrigation water (including landscape and lawn watering runoff);

v. Flows from springs, riparian habitats, wetlands, water reservoir discharges and diverted stream flows;

vi. Residential car washing water; and dechlorinated swimming pool discharges from single family residential homes;

vii. Sidewalk, driveway and street wash water;

viii. Flows from firefighting activities;

ix. Flows from clean water rinsing of beach maintenance equipment immediately following use and only if the equipment is used for its intended purpose;

x. Flows from clean water rinsing of equipment and vehicles used in the application of salt and de-icing materials. Prior to rinsing, all equipment shall be cleaned using dry methods such as shoveling and sweeping. Recovered materials are to be returned to storage or properly discarded; and

xi. Rinsing of equipment in Part II.C.2.b.ix and x, above is limited to exterior, undercarriage, and exposed parts and does not apply to engines or other enclosed machinery.

3. Discharges Not Authorized Under the Highway Agency MS4 NJPDES Permit

a. Stormwater Discharges Associated with Industrial Activity.

i. The Highway Agency MS4 NJPDES Permit does not authorize "stormwater discharge associated with industrial activity" as defined in N.J.A.C. 7:14A-1.2 except as otherwise specifically provided in this permit.

ii. Types of facilities that a permittee might operate and that are considered to be engaging in "industrial activity" include but are not limited to certain: 1) landfills; 2) transportation facilities (including certain local passenger transit and air transportation facilities); 3) facilities handling domestic sewage or sewage sludge; and 4) steam electric power generating facilities.

iii. Yard Trimmings and Wood Waste Management Sites that are not owned and operated by the permittee.

iv. The Highway Agency MS4 NJPDES Permit does not authorize the discharge of stormwater that comes in contact with source material from Yard Trimmings and Wood Waste Management Sites that are owned or operated by the Highway Agency to storm sewer inlets or to surface waters of the State.

v. Any permittee that operates an industrial facility with such a discharge must submit a separate Request for Authorization (RFA) or individual permit application for that discharge. An RFA submitted for the Highway Agency MS4 NJPDES Permit does not qualify as an RFA for such a discharge.

b. Stormwater Discharges Associated with Construction Activity

i. The Highway Agency MS4 NJPDES Permit does not authorize "stormwater discharges associated with construction activity" as described in N.J.A.C. 7:14A-24.10(a). In general, this is the discharge to surface water of stormwater from construction activity that disturbs at least one acre.

ii. Any permittee that operates a construction site with such a discharge shall submit a separate RFA under NJPDES Permit No. NJ0088323 (General Stormwater Permit Construction Activity, see www.nj.gov/dep/dwq/5g3.htm), or an application for an individual permit for that discharge. An RFA submitted for the Highway Agency MS4 NJPDES Permit does not qualify as an RFA for such a discharge. See Part IV.B.3 of the Highway Agency MS4 NJPDES Permit.

c. Stormwater Discharges Authorized under Another NJPDES Permit

i. The Highway Agency MS4 NJPDES Permit does not authorize any stormwater discharge that is authorized under another NJPDES permit.

ii. A permittee does not have to implement measures contained in this NJPDES permit for stormwater discharges at facilities owned or operated by that Highway Agency that are regulated under a separate NJPDES stormwater permit authorizing those discharges.

d. Stormwater Discharges that Conflict with a Water Quality Management Plan

i. The Highway Agency MS4 NJPDES Permit does not authorize stormwater discharges from projects or activities that conflict with an adopted Areawide or Statewide Water Quality Management Plan.

e. Non-Stormwater Discharges that are Contributors of Pollutants

i. If any of the discharges listed in Part II.C.2.b above are identified by the permittee as a significant contributor of pollutants to or from the MS4, the permittee must address the discharge as an illicit connection or as an improper disposal of waste as specified in Part IV.B.6 of this permit.

4. Exclusions

a. Any owner, operator, and/or discharger authorized by this general permit may request to be excluded from the coverage of the general NJPDES permit by applying for an individual permit. The owner, operator, and/or discharger shall submit an application in accordance with N.J.A.C. 7:14A-4, with reasons supporting the request, to the NJDEP. The request shall be processed under N.J.A.C. 7:14A-15, 16 and 17. The request shall be granted by the issuance of an individual permit if the reasons cited by the owner, operator and/or discharger are adequate to support the request.

b. An owner, operator, and/or discharger excluded from this general NJPDES permit solely because of an existing individual permit, may request that the individual permit be revoked or modified, as appropriate, and that the discharge be authorized by the general NJPDES permit. Upon revocation or modification of the individual permit, the permittee shall be authorized under the general permit.

D. Administrative Process

1. Automatic Renewal of Authorizations

a. Upon reissuance of this general permit, existing authorizations shall be automatically renewed as provided by N.J.A.C. 7:14A-6.13(d)9 and 25.4(a)3 using the information provided in the permittees' most recently submitted RFA.

2. Notification of Changes

a. A permittee shall provide a corrected RFA to the Department within 90 days of the effective date of a renewed authorization under this general permit if any information in its most recently submitted RFA is no longer true, accurate, and/or complete.

b. The permittee shall notify the Department of any changes of its Stormwater Program Coordinator information within 30 days of such change through the online MSRP Annual Report or using the Information Update Sheet posted at www.nj.gov/dep/dwq/pdf/msrp_update_form.pdf as specified in Part IV F.3.d. of this permit.

c. A permittee that already has authorization to discharge from a small MS4 under the Highway Agency MS4 NJPDES permit does not need to submit an RFA for the expansion (e.g. new building, new parking lot) of an existing small MS4.

3. Requests for Authorization

a. New RFAs under the Highway Agency MS4 permit

i. A single RFA is required for the entire eligible discharge from an entire small MS4 owned or operated by a Highway Agency, or the Highway Agency may divide the small MS4 into smaller regions and submit a separate RFA for each of these smaller regions.

ii. The Department may choose to issue single or multiple authorizations under this permit to a Highway Agency regardless of whether the Highway Agency submitted a single or multiple RFAs.

iii. An RFA under this general permit shall include the following: A completed NJPDES 1 Form, a completed R12 Supplemental Application Form, and any other information as required by the Department.

b. Upon receipt of an RFA the Department may, in accordance with N.J.A.C. 7:14A-6.13, do one of the following:

i. Issue notification of authorization under this permit;

ii. Deny authorization under this permit and require submittal of an application for an individual permit; or

iii. Deny authorization under this permit and require submittal of an RFA for another general permit.

c. The Department may notify a person that the discharge is authorized by a general permit, even if the person has not submitted an RFA. A person so notified may nonetheless request an individual permit under C.4 above.

PART III
Recordkeeping and Reporting

The permittee shall keep records necessary to document, in the Annual Report and Certification, the status of compliance with the conditions of this permit. The requirement to keep records is found at Part IV.F of this permit, and the requirement to submit an Annual Report and Certification is found at Part IV.G of this permit.

PART IV

SPECIFIC REQUIREMENTS: NARRATIVE

Notes and Definitions

A. Footnotes

1. Acronyms

a. Stormwater acronyms included in this permit are as follows:

i. "BMP" - Best Management Practice

ii. "CFR" - Code of Federal Regulations

iii. "EDPA" - Effective Date of Permit Authorization

iv. "EPA" - United States Environmental Protection Agency

v. "GIS" – Geographic Information System

vi. "MS4" - Municipal Separate Storm Sewer System

vii. "MSRP" - Municipal Stormwater Regulation Program

viii. "MTD" - Manufactured Treatment Device

ix. "N.J.A.C." - New Jersey Administrative Code

x. "NJPDES" - New Jersey Pollutant Discharge Elimination System

xi. "N.J.S.A." - New Jersey Statutes Annotated

xii. "RFA" - Request for Authorization

xiii. "SPPP" - Stormwater Pollution Prevention Plan

xiv. "TMDL" - Total Maximum Daily Load

2. Internal Cross References

a. For the purposes of this permit:

i. References to Part IV Notes and Definitions are preceded with the words "Notes and Definitions" (e.g. Notes and Definitions Part IV.A.1 refers to Acronyms).

ii. References to Part IV Highway Agency MS4 NJPDES Permit are not preceded by descriptive text (e.g. Part IV.A.1 refers to Stormwater Program).

3. Department Resources for Guidance Relating to MS4 Issues

a. MS4 main website and related links: https://www.nj.gov/dep/dwq/msrp_home.htm

b. MS4 Highway Agency Guidance document: https://www.nj.gov/dep/dwq/highway_guidance.htm

c. Construction Site Stormwater Runoff: https://www.nj.gov/dep/dwq/5g3.htm

d. Snow Removal and Disposal Policy: https://www.nj.gov/dep/dwq/bnpc_home.htm

e. Green Infrastructure and related links: https://www.nj.gov/dep/gi/

f. Stormwater management information and training tools: https://www.nj.gov/dep/stormwater/

g. Public education for stormwater pollution: https://www.cleanwaternj.org

h. Clean Communities, a statewide litter abatement program: https://www.njclean.org

i. Total Maximum Daily Load (TMDL) information: https://www.nj.gov/dep/dwq/msrp-tmdl-rh.htm

4. EPA Resources for Guidance Relating to MS4 Issues

a. EPA's MS4 website and related links:
www.epa.gov/npdes/stormwater-discharges-municipal-sources

b. EPA’s National Menu of Stormwater Best Management Practices:
www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater

c. EPA's guidance for Green Infrastructure:
http://water.epa.gov/infrastructure/greeninfrastructure/index.cfm

d. EPA's Trash Free Waters resource page: www.epa.gov/trash-free-waters

e. Illicit Discharge Detection and Elimination Guidance
www3.epa.gov/npdes/pubs/idde_manualwithappendices.pdf

B. Definitions

1. Definitions

a. All words and terms used in this permit shall have meanings as defined in the "Regulations Concerning the New Jersey Pollutant Discharge Elimination System" (N.J.A.C. 7:14A), unless otherwise stated or unless the context clearly requires a different meaning.

b. "Catch Basin" means a cistern, vault, chamber or well that is usually built along a street as part of the storm sewer system to capture sediment, debris, and pollutants.

c. "Effective Date of Permit Authorization" means the date the permittee's authorization to discharge under this Highway Agency MS4 NJPDES permit becomes effective. This date may be found on the permittee’s Authorization to Discharge page.

d. “Existing permittee” means a permittee that held an authorization to discharge under the Highway Agency MS4 NJPDES permit the day before the effective date of this permit.

e. "Green infrastructure" means methods of stormwater management that reduce wet weather/stormwater volume, flow, or changes the characteristics of the flow into combined or separate sanitary or storm sewers, or surface waters, by allowing the stormwater to infiltrate, to be treated by vegetation or by soils, or to be stored for reuse. Green infrastructure includes, but is not limited to, pervious paving, bioretention basins, vegetated swales, and cisterns.

f. “Illicit connection” means any physical or non-physical (i.e. leak, flow, or overflow into the municipal separate storm sewer system) connection that discharges the following to a municipal separate storm sewer system (unless that discharge is authorized under a NJPDES permit other than this Highway Agency MS4 NJPDES permit):

   i. Domestic sewage;

   ii. Non-contact cooling water, process wastewater, or other industrial waste (other than stormwater); or

   iii. Any category of non-stormwater discharges that a permittee for the MS4 identifies as a source or significant contributor of pollutants pursuant to 40 C.F.R. 122.34(b)(3)(iii).

g. "Limited-access highway" means every highway, street, or roadway in respect to which owners or occupants of abutting lands and other persons have no legal right of access to or from the same except at such points only and in such manner as may be determined by the public authority having jurisdiction over such highway, street, or roadway; and includes any highway designated as a "freeway" or "parkway" by authority of law.

h. "Maintenance plan" means a maintenance plan pursuant to N.J.A.C. 7:8-5.2(b) and 5.8 prepared by the design engineer for the stormwater management measures incorporated into the design of a major development.

i. “Major development” means any development that provides for ultimately disturbing one or more acres of land and any additional development defined as "major development" by a permittee’s stormwater program. Disturbance is the placement of impervious surface or exposure and/or movement of soil or bedrock or clearing, cutting, or removing of vegetation. Projects undertaken by any government agency which otherwise meet the definition of "major development" but which do not require approval under the Municipal Land Use Law, N.J.S.A. 40:55D-1et seq., are also considered "major development."

j. "Manufactured treatment device" means a pre-fabricated stormwater treatment structure utilizing settling, filtration, absorptive/adsorptive materials, vortex separation, vegetative components, and/or other appropriate technology to remove pollutants from stormwater runoff.

k. “New permittee” means a permittee that obtains its first authorization to discharge under the Highway Agency MS4 NJPDES permit on or after the effective date of this permit.

l. "Permanent structure" means a permanent building or permanent structure that is anchored to a permanent foundation with an impermeable floor, and that is completely roofed and walled (a door is recommended, but not required). A fabric frame structure is a permanent structure if it meets the following specifications:

   i. Concrete blocks, jersey barriers or other similar material shall be placed around the interior of the structure to protect the side walls during loading and unloading of de-icing materials;

   ii. The design shall prevent stormwater run-on and run through and the fabric cannot leak;

   iii. The structure shall be erected on an impermeable slab;

   iv. The structure cannot be open sided; and

   v. The structure shall have a roll up door or other means of sealing the access way from wind driven rainfall.

m. “Regulatory mechanism” means an ordinance, permit, standard, contract language, or any other procedure, that will be enforced by the permittee.

n. "Small MS4" means all municipal separate storm sewers systems (other than "large" or "medium" municipal separate storm sewer systems as defined in N.J.A.C. 7:14A-1.2) that are:

   i. Owned or operated by municipalities described under N.J.A.C. 7:14A-25.1(b);

   ii. Owned or operated by county, State, interstate, or Federal agencies, and located at public complexes as described under N.J.A.C. 7:14A-25.2(a)2;

   iii. Owned or operated by county, State, interstate, or Federal agencies, and located at highways and other thoroughfares as described under N.J.A.C. 7:14A-25.2(a)3; or

   iv. Owned or operated by county, State, interstate, Federal, or other agencies, and receive special designation under N.J.A.C. 7:14A-25.2(a)4.

   v. Note that all MS4s covered under the Highway Agency MS4 NJPDES permit are "small MS4s".

o. "Solids and floatable materials" means sediment, debris, trash, and other floating, suspended, or settleable solids as defined at N.J.A.C. 7:14A-25.6(b)3iii.

p. "Storm drain inlet" means the point of entry into the storm drain system.

q. "Stormwater" means water resulting from precipitation (including rain and snow) that runs off the land's surface; is transmitted to the subsurface; is captured by separate storm sewers or other sewerage or drainage facilities; or is conveyed by snow removal equipment.

r. "Stormwater facility" includes, but is not limited to: catch basins, detention basins, retention basins, filter strips, riparian buffers, infiltration trenches, sand filters, constructed wetlands, wet basins, bioretention systems, low flow bypasses, and stormwater conveyances. Stormwater facilities include structural stormwater management measures.

s. "Stormwater management basin" means an excavation or embankment and related areas designed to retain stormwater runoff. A stormwater management basin may either be normally dry (that is, a detention basin or infiltration basin), retain water in a permanent pool (a retention basin or wet pond), or be planted mainly with wetland vegetation (most constructed stormwater wetlands).

t. "Stormwater management measure" means any structural or nonstructural strategy, practice, technology, process, program, or other method intended to control or reduce stormwater runoff and associated pollutants, or to induce or control the infiltration or groundwater recharge of stormwater or to eliminate illicit or illegal non-stormwater discharges into stormwater conveyances. Stormwater management measures include stormwater facilities.

u. “Stormwater runoff” means water flow on the surface of the ground or in storm sewers, resulting from precipitation.

v. "Stream scouring" means the erosion or removal of streambed or bank material by the physical action of flowing water and the sediment that it carries.

w. "Subsurface infiltration/detention system" means a vault, perforated pipe, and/or stone bed that is located entirely below the ground surface and that temporarily stores and attenuates stormwater runoff."

x. "Wood waste" means source separated whole trees, tree trunks, tree parts, tree stumps, brush and leaves provided that they are not composted, and lumber (non-chemically treated and unpainted).

y. "Yard trimmings" means grass clippings, leaves, wood chips from tree parts, and brush.

z. "Yard waste" means loose leaves and grass clippings.

Highway Agency Stormwater General Permit

A. Stormwater Management Program

1. Stormwater Program Requirements

a. The permittee shall develop, update, implement and enforce an MS4 stormwater program. A primary objective of the MS4 stormwater program shall be to implement best management practices and other measures that are designed to reduce the discharge of pollutants from the permittee's MS4, maintenance yards and other ancillary operations, to the maximum extent practicable pursuant to N.J.A.C. 7:14A-25.6(a)1 and 40 CFR 122.34(a), to protect water quality and to satisfy the applicable water quality requirements of the Clean Water Act.

b. The permittee shall modify its stormwater program (including necessary modification to applicable plans and appropriate regulatory mechanisms) to conform with applicable new legislation, or new or amended regulations. Such modification shall be completed and effective within 12 months of notification by the Department of the need for modification.

c. The permittee shall develop, update, implement, and maintain a written Stormwater Pollution Prevention Plan (SPPP) for each authorization issued under the Highway Agency MS4 NJPDES permit that meets the requirements in Part IV.A.2 below (see the Highway Agency Guidance document https://www.nj.gov/dep/dwq/highway_guidance.htm).

d. The permittee shall designate a Stormwater Program Coordinator (Stormwater Coordinator) who has overall responsibility for the operation of the permittee's stormwater facilities or environmental matters as follows:

   i. The Stormwater Coordinator shall be either a principal executive officer or a duly authorized representative, as allowed by N.J.A.C. 7:14A-4.9(b); and

   ii. If an assignment under i. above changes, then a new assignment of responsibility shall be submitted to the Department within 30 days of such change taking place. This is accomplished through completion of the online MSRP Annual Report (see Part IV.G Annual Report and Certification below) or the Stormwater Program Coordinator Information Update Sheet posted at https://www.nj.gov/dep/dwq/pdf/msrp_update_form.pdf .

e. The Stormwater Coordinator shall be responsible for the following:

   i. Coordinating the permittee's implementation of the Highway Agency MS4 NJPDES permit conditions and the SPPP;

   ii. Signing and dating the SPPP; and

   iii. Coordinating the completion and submittal of the MSRP Annual Report, consistent with Part IV.G.

2. Stormwater Pollution Prevention Plan (SPPP) Requirements

a. The permittee's SPPP shall include, at a minimum, information that:

   i. Identifies the person designated as the Stormwater Coordinator per Part IV.A.1.d above;

   ii. Identifies the members of the SPPP Team, which is comprised of the person or persons responsible for implementing or coordinating the SPPP activities;

iii. Identifies each individual maintenance yard to be covered under each permit authorization, including the geographic region and site specific details of each yard. At a minimum, the SPPP for permittees with multiple yards must include an individual Form 10 (Maintenance Yards and Other Ancillary Operations) for each yard, as well as any other site specific SPPP Forms for each yard, where applicable;

iv. Describes the measures necessary for compliance with all components of this permit including all measures described in Parts IV.B, C, D, E and F below;

v. Documents the permittee's MS4 Stormwater Program including a description of shared or contracted services as allowed under Part IV.A.3 (Implementation of SPPP Conditions through Shared or Contracted Services), below; and

vi. Reflects the measurable goals, implementation schedules, recordkeeping and other requirements in Attachment A (Measurable Goals and Implementation Schedule).

b. The permittee's Stormwater Coordinator shall sign and date the SPPP per Part IV.A.1.e., above.

c. The permittee shall review the SPPP at least annually and update it as often as necessary to reflect changes related to the permittee's MS4 Stormwater Program. Any amendments to the SPPP:

i. Shall continue to meet the requirements of this permit;

ii. Shall be incorporated into the SPPP and recorded on the SPPP revisions page; and

iii. Shall be signed and dated by the Stormwater Coordinator.

d. The SPPP shall note the location of all records / documentation required by this permit (See Attachment A- Measurable Goals and Implementation Schedule for additional detail).

e. The Department may notify the permittee at any time that the SPPP does not meet one or more of the minimum requirements. Within thirty (30) days after receiving such notification unless otherwise specified by the Department, the permittee shall amend the SPPP to adequately address all deficiencies.

f. The current SPPP shall be posted on the permittee's website no later than EDPA + 90 days with updates posted annually thereafter. The version posted on the website can exclude:

i. Inspection logs and other required record keeping; and

ii. The names of SPPP Team members, but must include the name of the Stormwater Coordinator.

g. The SPPP shall be made available to the Department and public upon request pursuant to N.J.A.C. 7:14A-25.6(j)2.

h. New Permittee: A new permittee shall develop, implement, maintain, and post on the permittee's website a written SPPP as required by this section on or before EDPA + 12 months.

3. Implementation of Permit Conditions through Shared or Contracted Services

a. The permittee may rely on another governmental, private, or nonprofit entity to satisfy one or more of the permit conditions, or component thereof, through the implementation of best management practices or control measures, provided that:

i. The other entity implements the best management practice(s) or control measure(s);

ii. The particular best management practice(s) or control measure(s), or component(s) thereof, is at least as stringent or as frequent as the corresponding permit requirement;

iii. The other entity agrees in writing or is required by law to implement the measure(s), or component(s) thereof, in such a manner that is in compliance with the permit on the permittee's behalf; and

iv. The permittee specifies in its SPPP (1) which permit conditions will be implemented by another entity and (2) the name of the responsible entity.

b. For any projects or activities which the permittee assigns to another entity which is a private contractor, the awarded contract shall require the contractor to conduct such projects or activities in such a manner that is in compliance with this permit.

c. The permittee is responsible for compliance with this permit if the other entity fails to implement the measure(s) or component(s), thereof.

B. Statewide Basic Requirements and Associated Conditions

1. Minimum Standards for Public Involvement and Participation Including Public Notice

a. The permittee shall comply with applicable State and local public notice requirements when providing for public participation in the development and implementation of an MS4 stormwater program. Requirements include but are not limited to:

i. The Open Public Meetings Act ("Sunshine Law," N.J.S.A. 10:4-6 et seq.); and

ii. Statutory procedures for the enactment of ordinances or other regulatory mechanisms (e.g., N.J.S.A. 40:49-2, 40:41A-101, or 52:14B-1 et seq., where applicable), adopted to comply with Part IV of this permit.

b. The permittee shall make the following elements of its MS4 stormwater program available to the public:

i. Provide the current SPPP upon request as required by Part IV.A.2.g (SPPP); and

ii. Post the current SPPP on its website to the extent required by Part IV.A.2.f (SPPP); and

iii. Post all regulatory mechanisms required by this permit (see Part IV.B.5.a) on its website.

c. The permittee shall meet the minimum standards of this permit, and the measurable goals (including any recordkeeping) and implementation schedules for Public Involvement and Participation Including Public Notice specified in Attachment A (Measurable Goals and Implementation Schedule).

2. Minimum Standards for Local Public Education and Outreach

a. Highway Agencies that own or operate rest areas and/or service areas shall implement a Local Public Education and Outreach Program that focuses on educational and pollution prevention activities to involve the public in reducing pollutants in stormwater and mitigating flow. The permittee shall:

i. Annually conduct activities that total at least 5 (five) points as set forth in Attachment B (Points System for Public Education Activities) of this permit; and

ii. Keep records to demonstrate compliance with this requirement, including date of activities and any other relevant documentation.

b. All other permittees not identified in 2.a above may satisfy the educational component of the permit through the implementation of an employee training program pursuant to Part IV.B.5.d (Employee Training) of this permit.

c. The permittee shall meet the minimum standards of this permit, and the measurable goals (including any recordkeeping) and implementation schedules for Local Public Education and Outreach specified in Attachment A (Measurable Goals and Implementation Schedule).

3. Minimum Standards for Construction Site Stormwater Runoff

a. Construction site stormwater runoff activities are authorized under a separate NJPDES permit, generally the Construction Activity Stormwater General Permit No. NJ0088323 pursuant to N.J.A.C. 7:14A-25.6(b)2 (or an individual permit pursuant to N.J.A.C. 7:14A-24.7(a)2). See Part II.C.3.b and https://www.nj.gov/dep/dwq/5g3.htm. Pursuant to N.J.A.C. 7:14A-25.7(b), the permittee is not required to reference construction site stormwater runoff control in its SPPP.

4. Minimum Standards for Post Construction Stormwater Management in New Development and Redevelopment

a. The permittee shall develop, update, implement and enforce its stormwater management program to address post construction stormwater runoff in new development and redevelopment projects owned or operated by the permittee, and to ensure compliance with the Stormwater Management rules at N.J.A.C. 7:8 et seq.

b. The permittee shall address stormwater runoff from the following types of major development through a post construction stormwater management program, unless any additional development is defined as “major development” by the permittee’s stormwater program:

i. New development and redevelopment projects that disturb one acre or more and are owned or operated by the permittee; and

ii. All new development and redevelopment projects that are less than one acre that are part of a larger common plan of development that ultimately disturbs one acre or more.

c. The permittee shall ensure, through a post construction stormwater management program, compliance with the applicable design, performance and maintenance standards established under N.J.A.C. 7:8 et seq. for major development as defined in this permit.

d. The permittee shall review and analyze development plans for compliance with N.J.A.C. 7:8 et seq. The permittee’s review engineer shall be independent from the design engineer and shall not have been involved in the design of the development plans. The permittee shall review and analyze development plans for compliance with N.J.A.C. 7:8 et seq. even if a permit is required by the Department for the same or similar activity (e.g. a Land Use permit).

e. The design and performance standards for stormwater management measures can be met at an alternative location or by alternative means provided the permittee has a mitigation plan which meets the following requirements:

i. The mitigation plan shall identify measures that are necessary to offset the deficit created by the alternate location or design. The mitigation plan must satisfy the same criteria that a mitigation plan prepared in accordance with the Stormwater Management Rule N.J.A.C. 7:8-4.6 must satisfy. See Chapter 3 of the NJ Stormwater BMP Manual at https://www.njstormwater.org for guidance; and

ii. The permittee submits, within 30 days after approving an alternate location or design, a written report to the Department describing the alternate location or design and the required mitigation. Submit the written report to the Department at:
NJDEP-DWQ-BNPC
Mail Code 401-02B
PO Box 420
Trenton, NJ 08625-0420

f. The permittee shall comply with the standards set forth in Attachment C (Design Standards for Storm Drain Inlets) of this permit to control passage of solid and floatable materials through storm drain inlets.

g. The permittee shall ensure adequate long-term cleaning, operation and maintenance of stormwater management measures, pursuant to Part IV.C.2. (Stormwater Facilities Maintenance), owned or operated by the permittee.

h. For each structural and non-structural stormwater measure (e.g. stormwater management basin, subsurface infiltration/detention system, manufactured treatment device, green infrastructure), the permittee shall:

i. Update and maintain a Major Development Project List (included as Attachment D of this permit and posted on the Department's website at https://www.nj.gov/dep/dwq/highway.htm); and

ii. Submit the Major Development Project List to the Department annually with the MSRP Annual Report.

i. Major development that does not require any Department permits listed under N.J.A.C. 7:8-1.6(c) and has received Federal or State authorization to initiate final design as of the operative date of amendments to the Stormwater Management Rules at N.J.A.C. 7:8, shall be subject to the Stormwater Management Rules in effect one day before the operative date of the rule amendments.

j. The Stormwater Management rules N.J.A.C. 7:8 apply to all areas owned or operated by the permittee.

k. The permittee shall meet the minimum standards of this permit, and the measurable goals (including any recordkeeping) and implementation schedules for Post Construction Stormwater Management in New Development and Redevelopment specified in Attachment A (Measurable Goals and Implementation Schedule).

5. Minimum Standards for Pollution Prevention / Good Housekeeping

a. Regulatory Mechanisms: The permittee shall adopt and enforce the following regulatory mechanisms to address improper disposal of waste:

i. Pet Waste Control: Adopt and enforce an appropriate regulatory mechanism that requires pet owners or their keepers to immediately and properly dispose of their pet's solid waste deposited on any part of the Highway Agency property;

ii. Wildlife Feeding Control: Adopt and enforce an appropriate regulatory mechanism that prohibits the feeding of any wildlife (e.g. Canada Geese) on any property owned or operated by the permittee. Exclusions include wildlife confined in zoos, parks, or rehabilitation centers as well the following unconfined animals: (1) wildlife at environmental education centers; (2) feral cats as part of an approved Trap-Neuter-Release program; and (3) other kinds of unconfined animals, if any, that the regulatory mechanism specifically lists and excludes for reasons set forth in the regulatory mechanism;

iii. Litter Control: Enforce the existing State litter statute at N.J.S.A 13:1E-99.3, or adopt and enforce an appropriate regulatory mechanism that is at least as stringent as the State litter statute;

iv. Improper Disposal of Waste: Adopt and enforce an appropriate regulatory mechanism prohibiting the improper spilling, dumping, or disposal of materials other than stormwater into the MS4 system excluding those discharges as allowable under Part II.C.2.b;

v. Model regulatory mechanism language for the above requirements can be found in the Highway Agency Guidance document at https://www.nj.gov/dep/dwq/highway.htm; and

vi. An additional requirement for the adoption and enforcement of an appropriate regulatory mechanism is found at Part IV.B.6.d (Illicit Connection Prohibition) of this permit.

b. Control Measures: The permittee shall develop and continue to implement the following measures to control solids and floatables:

i. Litter Pick-Up Program: The permittee shall develop and implement a litter pick up program that includes roadside clean-up of trash and debris and regular collection of refuse from litter and recycling receptacles owned and operated by the permittee, including those located at rest areas and service areas. The permittee shall maintain records of roadside clean-ups and estimates of the total amount of trash and debris collected;

ii. Quarterly Street Sweeping: The permittee shall sweep, at a minimum of once every three months, or more frequently as necessary to eliminate recurring problems, all segments of limited-access highways (including ramps and parking areas) that are owned or operated by the permittee and have storm drain inlets or discharge directly to surface water;

iii. Triannual Street Sweeping: The permittee shall sweep, at a minimum of once every four months, or more frequently as necessary to eliminate recurring problems, all segments of streets, ramps, and parking areas that are owned or operated by the permittee and have storm drain inlets or discharge directly to surface water but are not limited-access highways;

iv. Annual Street Sweeping: The permittee shall sweep, at a minimum of once per year, or more frequently as necessary to eliminate recurring problems, all segments of streets, ramps and parking areas that are owned or operated by the permittee but do not have storm drain inlets or discharge directly to surface water;

v. Storm Drain Inlet Inspection: The permittee shall inspect, at a minimum of once per year, all storm drain inlets that it owns or operates. Documentation of inspections shall include: inlet location, date visited, observations of the inlet’s structural integrity, and if maintenance or repairs are required;

vi. Storm Drain Inlet Cleaning: The permittee shall develop, update, and implement a storm drain inlet cleaning program. The program shall establish when a storm drain inlet must be cleaned and shall be implemented as frequently as necessary to ensure, at a minimum, that sediment, trash, or other debris is removed as necessary to control it from entering the waters of the State, to eliminate recurring problems and maintain proper function. This program shall be described in the written SPPP, as required in Part IV.A.2. (SPPP);

vii. Catch Basin Inspection: The permittee shall inspect and document inspections of all catch basins that it owns or operates. At a minimum, permittees who own or operate less than 2,500 catch basins shall inspect those basins once per year. Permittees who own or operate 2,500 catch basins or more shall inspect a minimum of 20% of the total or 2,500 per year, whichever is greater, rotating the schedule in such a way that all catch basins are inspected at least once every five years on approximately the same frequency. Documentation of inspections shall include: catch basin location, date visited, observations of the catch basin's structural integrity, and if maintenance or repairs are required;

viii. Catch Basin Cleaning: The permittee shall develop, update, and implement a catch basin cleaning program. The program shall establish when a catch basin must be cleaned, include procedures for cleaning, and shall be implemented as frequently as necessary to ensure, at a minimum, that sediment, trash, or other debris is removed as necessary to control it from entering the waters of the State, to eliminate recurring problems and maintain proper function. For guidance related to catch basin cleaning, refer to the EPA Catch Basin Technology Overview and Assessment in the Highway Agency Guidance document (https://www.nj.gov/dep/dwq/highway_guidance.htm). This program shall be described in the written SPPP, as required in Part IV.A.2. (SPPP).

ix. Storm Drain Inlet Labeling: The permittee shall label all storm drain inlets for those drains that do not have permanent wording cast into the structure of the inlet, which are located at rest areas, service areas, maintenance facilities, and along streets with sidewalks. See the Highway Agency Guidance document (https://www.nj.gov/dep/dwq/highway_guidance.htm) for additional information;

x. Storm Drain Inlet Label Maintenance: The permittee shall maintain the legibility of storm drain inlet labels and replace any labels that are missing or not legible. See the Highway Agency Guidance document (https://www.nj.gov/dep/dwq/highway_guidance.htm) for additional information;

xi. Storm Drain Inlet Retrofit: The permittee shall retrofit existing storm drain inlets that 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. Storm drain inlet retrofits shall meet the standard in Attachment C (Design Standards for Storm Drain Inlets);

xii. Herbicide Application Management: The permittee shall restrict the application of herbicides to prevent herbicides from being washed into the waters of the State and to prevent erosion caused by de-vegetation, as follows: (1) The permittee shall not apply herbicides on or adjacent to storm drain inlets, or on steeply sloping ground; (2) The permittee shall only apply herbicides along curb lines, highway median barriers, and unobstructed shoulders that contain unwanted vegetation; and (3) The permittee shall only apply herbicides within a 2-foot radius around structures where overgrowth presents a safety hazard and where it is unsafe to mow;

xiii. Excess De-icing Material Management: The permittee shall remove, within 72 hours after the end of the storm event, conditions permitting, piles of excess salt and de-icing materials that have been deposited during spreading operations (e.g., piles resulting from accidental spillage or when spreading equipment is started or stopped) on all streets, ramps, and parking areas owned or operated by the permittee. Excess de-icing material removed from streets, ramps, and parking areas may be returned to storage or properly managed if unsuitable for reuse.

xiv. Roadside Vegetative Waste Management: The permittee shall ensure the proper pickup, handling, storage and disposal of wood waste and yard trimmings generated by the Highway Agency. Wood waste and yard trimmings shall be managed to minimize the impact of vegetative maintenance activities on stormwater discharge quality, and shall be prohibited from being blown or deposited into storm drain inlets and stormwater facilities; and

xv. Refuse Containers and Dumpsters: The permittee shall ensure that dumpsters (including tire) and other refuse containers that are outdoors or exposed to stormwater, are covered at all times. This serves to prevent the spilling, dumping, leaking, or otherwise discharge of liquids, semi-liquids or solids from the containers. This measure is not intended for permitted temporary demolition containers or containers that hold large bulky items (e.g., furniture, clean car parts, and other large items recovered from the roadway), provided they do not contain putrescible waste.

c. Maintenance Yards and Other Ancillary Operations: The permittee shall implement the best management practices described in Attachment E (Best Management Practices for Maintenance Yards and Other Ancillary Operations) for maintenance yards and other ancillary operations owned or operated by the permittee. Ancillary operations include but are not limited to impound yards, permanent and mobile fueling locations, and yard trimmings and wood waste management sites. Best Management Practices shall be implemented for the following activities, whenever such activities occur:

i. Inventory of Material and Machinery;

ii. Inspections and Good Housekeeping;

iii. Fueling Operations;

iv. Discharge of Stormwater from Secondary Containment;

v. Vehicle Maintenance;

vi. On-Site Equipment and Vehicle Washing and Wash Wastewater Containment;

vii. Salt and De-icing Material Storage and Handling;

viii. Aggregate Material and Construction Debris Storage;

ix. Street Sweepings, Catch Basin Clean Out, and Other Material Storage; and

x. Yard Trimmings and Wood Waste Management.

d. Employee Training: The permittee shall develop, update and implement an employee training program to address permit components and SPPP requirements. All Highway Agency employees shall receive training on those stormwater topics applicable to their title and duties within 3 months of commencement of duties. In addition, follow-up training shall occur as specified below:

i. Maintenance Yard Operations (including Ancillary Operations) - the permittee shall provide training annually on inventory of materials and machinery, inspections and good housekeeping; fueling operations; discharge of stormwater from secondary containment; vehicle maintenance; on-site equipment and vehicle washing and wash wastewater containment; salt and de-icing material storage and handling; aggregate material and construction debris storage; street sweeping and catch basin clean out material storage; yard trimmings and wood waste management sites. See Part IV.B.5.c (Maintenance Yards and Other Ancillary Operations).

ii. Stormwater Facility Maintenance – the permittee shall provide training annually on inventory and mapping of stormwater facilities, maintenance of inventoried stormwater facilities, catch basin and inlet cleaning methods, and herbicide application management. See Part IV.C.1 and 2 (Stormwater Facilities Map and Maintenance), Part IV.B.5.b.v-viii (Storm Drain Inlets and Catch Basins), and Part IV.B.5.b.xii (Herbicide Application Management).

iii. The permittee shall provide general training annually on the Highway Agency's SPPP, applicable recordkeeping requirements, and detailed training on any component applicable to an employee's title and duties. See Part IV.A.2 (SPPP).

iv. Street Sweeping - the permittee shall provide training once every two years on sweeping schedules and proper management of materials collected. See Part IV.B.5.b.ii-iv (Street Sweeping).

v. Illicit Connection Elimination and Outfall Pipe Mapping - the permittee shall provide training once every two years on the impacts associated with illicit connections and details of the program including investigation techniques, physical observations, field sampling, and mapping procedures. See Part IV.B.6.a and c (Outfall Pipe Mapping, and Illicit Discharge) and the National Menu of Stormwater Best Management Practices at www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater.

vi. Outfall Pipe Stream Scouring Detection and Control - the permittee shall provide training once every two years on how to identify outfall pipe stream scouring and contributing factors. See Part IV.B.6.b (Stream Scouring).

vii. Waste Disposal Education - the permittee shall provide training once every two years on the impacts associated with improper waste disposal, how to respond to inquiries regarding improper waste disposal, and appropriate enforcement authority.

viii. Regulatory Mechanisms - the permittee shall provide training once every two years on the regulatory mechanisms identified in Part IV.B.5.a, above. Training shall include an overview of the requirements, enforcement, and the repercussions of non-compliance.

ix. Construction Activity/Post-Construction Stormwater Management in New Development and Redevelopment - the permittee shall provide general training once every two years on the permitting requirements for construction activity and Post-Construction Stormwater Management in New Development and Redevelopment. See Part IV.B.3 Construction Site Runoff) and B.4 (Post Construction).

x. Training may also be conducted on stormwater-related topics that serve an educational purpose for employees.

xi. The location of records including sign in sheet(s), date(s) of training, and training agenda(s) shall be noted in the SPPP.

e. Stormwater Management Design Review Training: The permittee shall ensure that all engineers, and other individuals that review the stormwater management design for development and redevelopment projects for the Highway Agency, complete the Department approved Stormwater Management Design Review Course (see https://www.nj.gov/dep/stormwater/training.htm) once every five years. Individuals that will review stormwater management design and have not completed this course within the past five years must attend the next scheduled course offering. If unable to attend, the permittee must notify the Department in writing no later than thirty days after the missed course explaining why attendance was not possible and what alternate arrangements are being made. Training obtained within five calendar years prior to EDPA qualifies towards this requirement. The permittee is required to maintain a list of the dates and names of training program participants.

f. The permittee shall meet the minimum standards of this permit, and the measurable goals (including any recordkeeping) and implementation schedules Pollution Prevention / Good Housekeeping specified in Attachment A (Measurable Goals and Implementation Schedule).

6. Minimum Standards for MS4 Outfall Pipe Mapping, and Illicit Discharge and Scouring Detection and Control

a. Outfall Pipe Mapping: The permittee shall develop, update and maintain an outfall pipe map showing the location of the end of all MS4 outfall pipes (in tidal and non-tidal receiving waters) owned or operated by the permittee which discharge to a surface water body. The outfall pipe map shall also:

i. Show the location and name of all surface water bodies receiving discharges from those outfall pipes;

ii. Be included in the SPPP (if providing access to map via a link, include URL address in SPPP);

iii. Be updated annually to include, at a minimum, the location of the end of any new or newly identified MS4 outfall pipes;

iv. Be provided to the Department on or before EDPA + 12 months; and

v. Be submitted electronically by December 21, 2020 via the Department's designated electronic submission service.

b. Stream Scouring: The permittee shall develop, update and implement a program to detect, investigate and control any localized stream scouring from stormwater outfall pipes owned or operated by the permittee. This program shall be described in the written SPPP, as required in Part IV.A.2., above. See the Highway Agency Guidance document (https://www.nj.gov/dep/dwq/highway_guidance.htm) for additional information. The permittee shall, at a minimum:

i. Inspect and document inspections of each outfall pipe which discharges to a stream for localized stream scouring in the vicinity of the outfall pipe, at least once every five years, with a minimum of 20% of the total number of outfalls or 100 per year, whichever is greater;

ii. Inspect, within 30 days of identification, any outfall pipes newly identified per Part IV.B.6.a for localized stream scouring in the vicinity of the outfall pipe;

iii. When localized stream scouring is detected, identify sources of stormwater that contribute to the scouring from the outfall pipe within 3 months;

iv. Each identified stormwater source shall be investigated;

v. Where identified sources are located on property owned or operated by the permittee, corrective action shall be taken by the permittee to reduce stormwater rate or volume when feasible;

vi. Prioritize, schedule and complete remediation of identified localized stream scouring and take action based upon the requirements of Part IV.B.6.b.iii, above. If not completed within 12 months, a schedule for completion shall be maintained as required in Part IV.C.3. (Stormwater Facilities Maintenance);

vii. All stream scouring restoration shall be made in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey at N.J.A.C. 2:90-1 (e.g., Conduit Outlet Protection 12-1), or, for New Jersey Department of Transportation (NJDOT) projects, the NJDOT Soil Erosion and Sediment Control Standards at N.J.A.C. 16:25A (e.g., Conduit Outlet Protection 4.18), and the requirements for bank stabilization and channel restoration found at N.J.A.C. 7:13 et seq.

viii. All associated maintenance or repairs to stormwater facilities shall be made in accordance with N.J.A.C. 7:8; and

ix. Document investigations and actions taken for localized stream scouring as necessary to demonstrate compliance with this requirement. Outfall inspections shall include: outfall location, date visited, and observations of the outfall's structural integrity and if maintenance or repairs need to take place.

c. Illicit Discharge Detection and Elimination: The permittee shall develop, update, implement and enforce an ongoing Illicit Discharge Detection and Elimination Program in accordance with this permit. This program shall be described in the written SPPP, as required in Part IV.A.2. (SPPP). See the Highway Agency Guidance document (https://www.nj.gov/dep/dwq/highway_guidance.htm) and the USEPA Guidance document (www3.epa.gov/npdes/pubs/idde_manualwithappendices.pdf) for additional information. The permittee shall, at a minimum:

i. Conduct visual dry weather inspection of all outfall pipes owned or operated by the permittee at least once every five years, with a minimum of 20% of the total number of outfalls or 100 per year, whichever is greater to determine if dry weather flow (flow occurring 72 hours after a rain event) or other evidence of illicit discharge is present;

ii. Inspect, within 30 days of identification, any newly identified outfall pipes per Part IV.B.6.a to determine if dry weather flow or other evidence of illicit discharge is present;

iii. Investigate dry weather flows discovered during routine inspection and maintenance of other elements of the MS4;

iv. Investigate, within 30 days of receipt, complaints and reports of illicit connections, including those from operating entities of interconnected MS4s;

v. Investigate the source if evidence of illicit discharge is found;

vi. Eliminate, within one year of discovery, non-stormwater discharges that are traced to their source and found to be illicit connections; and

vii. Document investigations and actions taken using the Department's Illicit Connection Inspection Report Form. See https://www.nj.gov/dep/dwq/highway.htm;

d. The permittee shall adopt and enforce an appropriate regulatory mechanism that prohibits illicit connections to the small MS4 owned or operated by the permittee. See the Highway Agency Guidance document https://www.nj.gov/dep/dwq/highway_guidance.htm).

e. The permittee shall meet the minimum standards of this permit, and the measurable goals (including any recordkeeping) and implementation schedules for MS4 Outfall Pipe Mapping, and Illicit Discharge and Scouring Detection and Control specified in Attachment A (Measurable Goals and Implementation Schedule).

C. Other Control Measures

1. Minimum Standards for Stormwater Facilities Mapping

a. The permittee shall develop, update and maintain a Stormwater Facilities Map, which shall include, but is not limited to, the following stormwater facilities that are owned or operated by the permittee:

i. Storm drain inlets constructed after EDPA;

ii. Stormwater management basins;

iii. Subsurface infiltration/detention systems;

iv. Manufactured treatment devices (MTDs); and

v. Green infrastructure.

b. The Stormwater Facilities Map shall:

i. Show property boundaries of the Highway Agency maintenance yard(s), ancillary operations, rest areas, and service areas as well as an annotated map of roadways and thoroughfares owned or operated by the permittee;

ii. Include the type of each stormwater facility;

iii. Be updated annually to include, at a minimum, the location of any new or newly identified stormwater facilities;

iv. Be populated and maintained in an electronic format provided by the Department;

v. Be provided to the Department on or before EDPA + 36 months; and

vi. New data points subsequently added to the map shall be provided to the Department annually thereafter as an attachment to the MSRP Annual Report and Certification.

c. The permittee may combine this map with the MS4 Outfall Pipe Map specified at Part IV.B.6.a (Outfall Pipe Mapping).

d. The permittee may use the Department's Mapping Application to assist with this requirement. See https://www.nj.gov/dep/dwq/msrp_map_aid.htm.

e. The permittee shall meet the minimum standards of this permit, and the measurable goals (including any recordkeeping) and implementation schedules for Stormwater Facilities Mapping specified in Attachment A (Measurable Goals and Implementation Schedule).

2. Minimum Standards for Stormwater Facilities Maintenance

a. The permittee shall develop, update and implement a program to ensure adequate long-term cleaning, operation and maintenance of all permittee owned or operated stormwater facilities.

b. Stormwater facility maintenance must be performed pursuant to any maintenance plans, or more frequently as needed, to ensure the proper function and operation of the stormwater facility. See https://www.nj.gov/dep/stormwater/maintenance_guidance.htm.

c. The permittee shall maintain a log sufficient to demonstrate compliance with this section; which shall include, but is not limited to the following information:

   i. stormwater facility inspected;

   ii. 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);

   iii. name of inspector;

   iv. date of inspection;

   v. findings; and

   vi. any preventative and corrective maintenance performed.

d. Example Maintenance Logs and Inspection Records forms which are sufficient to demonstrate compliance with this section are available at https://www.nj.gov/dep/stormwater/maintenance_guidance.htm.

e. The permittee shall certify annually in the MSRP Annual Report that permittee owned or operated stormwater facilities are functioning properly.

f. If stormwater facilities are found not to be functioning properly, necessary preventive and corrective maintenance shall be taken, which shall be documented and prioritized, and a schedule for such repairs shall be maintained. The permittee shall prioritize this schedule based upon the following:

   i. environmental, health and safety concerns;

   ii. the findings of catch basin and storm drain inlet inspections performed pursuant to Part IV.B.5.b.v and vii. (Storm Drain Inlet and Catch Basin Inspections), above;

   iii. the findings of stream scouring inspections performed pursuant Part IV.B.6.b (Stream Scouring), above; and

   iv. the findings pursuant to Part IV.C.4 (TMDL Information), below.

g. The permittee shall maintain copies of all maintenance plans, as defined in Notes and Definitions Part IV.B.1.g (Maintenance Plan) of this permit, for stormwater facilities.

h. The permittee shall make copies of these maintenance plans available to the Department upon request.

i. The permittee shall meet the minimum standards of this permit, and the measurable goals (including any recordkeeping) and implementation schedules for Stormwater Facilities Maintenance specified in Attachment A (Measurable Goals and Implementation Schedule).

3. Minimum Standards for Total Maximum Daily Load (TMDL) Information

a. The permittee shall 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 all: maintenance yards; rest areas; service area properties; and new "major development" projects as defined by the permittee's stormwater program. This information may be accessed at https://www.nj.gov/dep/dwq/msrp-tmdl-rh.htm. The permittee shall use this TMDL information to, at a minimum:

   i. Assist in the selection and design of stormwater BMPs for "major development" projects, and the prioritization of stormwater facility maintenance, including schedules for repairs required at Part IV.B.6.b.vi. (Stream Scouring) and IV.C.3. (Stormwater Facilities Maintenance), above; and

   ii. Identify and develop strategies to address specific sources of stormwater related pollutants contributing to discharges authorized under this permit. Strategies may include but are not limited to those found in the implementation section of approved or adopted TMDL reports (for examples see “Total Maximum Daily Load (TMDL) Guidance” found at https://www.nj.gov/dep/dwq/msrp-tmdl-rh.htm).

b. The permittee shall annually update its SPPP to list information identified in a. above.

c. The permittee shall incorporate any strategies identified in a. above as an Optional Measure. See Part IV.E (Optional Measures), below, and Part IV.A.2.c (SPPP), above.

d. The permittee shall meet the minimum standards of this permit, and the measurable goals (including any recordkeeping) and implementation schedules for Total Maximum Daily Load (TMDL) Information specified in Attachment A (Measurable Goals and Implementation Schedule).

D. Additional Measures

1. Incorporation of Additional Measures

a. Additional Measures are non-numeric (e.g., BMPs) or numeric effluent limitations that are expressly required to be included in a permittees stormwater program by a TMDL; a regional stormwater management plan; other elements of an adopted areawide Water Quality Management Plan; or the adopted Statewide Water Quality Management Plan.

b. The Department will provide written notice of the adoption of any Additional Measure(s) to any affected permittee. The Department will incorporate each adopted Additional Measure in a modification to this permit. For any required Additional Measure(s) other than numeric effluent limitations, the required Additional Measure(s) will specify the BMPs that shall be implemented and the measurable goals. Such BMPs shall be identified in the SPPP as Additional Measure(s). The required Additional Measure(s) will also specify the implementation schedule.

E. Optional Measures

1. Incorporation of Optional Measures

a. Optional Measures are BMPs, developed by the permittee, that extend beyond the requirements of this permit and that prevent or reduce pollution to waters of the State.

b. The permittee may, at its own discretion, incorporate Optional Measures into its MS4 stormwater program. Such BMPs shall be identified in the SPPP as Optional Measures.

c. Failure to implement an Optional Measure identified in the SPPP shall not be considered a violation of the NJPDES permit.

F. Recordkeeping

1. Standard Recordkeeping Requirements

a. The permittee shall retain copies of the MSRP Annual Report and Certification as well as any records required to be kept by this permit for a period of at least 5 years and be made available to the Department upon request.

G. Annual Report and Certification

1. Reporting Requirements

a. The permittee shall complete an MSRP Annual Report, including the Major Development Project List (Attachment D) and any Supplemental Questions, using the electronic format provided by the Department via the MSRP Annual Report service accessed through the Regulatory Services Portal (https://www.njdeponline.com).

b. The MSRP Annual Report shall summarize the status of compliance with the conditions of this permit. Specifically, this includes compliance with the permittee's Stormwater Management Program (Part IV.A), Statewide Basic Requirements (Part IV.B), Other Control Measures (Part IV.C), Additional Measures (Part IV.D), Optional Measures (Part IV.E) Recordkeeping (Part IV.F), and any other permit conditions listed on the MSRP Annual Report form, including Supplemental Questions for the subject year between January 1 and December 31.

c. The Stormwater Program Coordinator, or duly authorized representative pursuant to N.J.A.C. 7:14A-4.9(a)4. shall certify, sign and date the Annual Report.

d. Submit an Annual Report and Certification: on or before May 1st annually to the Department through the Regulatory Services Portal (instructions at https://www.nj.gov/dep/dwq/highway.htm).

e. A copy of each Annual Report and Certification shall be made available to the Department for inspection.

Attachment A – Measurable Goals and Implementation Schedule

General

The following table specifies the Measurable Goals and Implementation Schedule of this Highway Agency MS4 NJPDES Permit. 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 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 permittee shall develop, update, implement, and maintain a written SPPP as required by Part IV.A.1.c., above.** The Implementation Schedule refers to the date that a Minimum Standard must be incorporated into the permittee's stormwater program, along with any ongoing requirements. In addition to the requirements of Part IV.A.2 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 an implementation schedule, consistent with permit requirements, including interim milestones;
- Include any special diagrams required by the permit (e.g., stormwater facilities map);
- Include inspection and maintenance schedules, as appropriate; and
- Maintain required records.

This table does not include Measurable Goals and an Implementation Schedule for the Notes and Definitions Part IV, Part IV.A (Stormwater Management Program), Part IV.D (Additional Measures), IV.E (Optional Measures), 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					
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?**
			Existing Permittee	**New Permittee**	
Public Involvement and Participation Including Public Notice					
Provide for public notice, as applicable, under the Open Public Meetings Act and statutory procedures for enactment of ordinances or other regulatory mechanisms when providing for public participation in the development and implementation of a stormwater program. Maintain records necessary to demonstrate compliance.	IV.B.1.a & c	Certify in each annual report that all applicable public notice requirements have been met and relevant records kept. Reference in the SPPP the location of associated records.	EDPA	EDPA	Modified
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	EDPA + 12 months	No
Post the current SPPP on the permittee's website.	IV.B.1.b.ii	Certify in each annual report that the SPPP has been posted on the permittee's website (to the extent required by Part IV.A.2.f) and that the posted SPPP is current.	EDPA + 90 days	EDPA + 12 months	Yes
Post all regulatory mechanisms on the permittee's website.	IV.B.1.b.iii	Certify in each annual report that regulatory mechanisms have been posted on the permittee's website and that the posted documents are current.	EDPA + 90 days	EDPA + 12 months	Yes
Local Public Education and Outreach					
Permittees that operate rest areas and/or service areas shall implement a program focusing on activities to involve the public in reducing stormwater pollutants.	IV.B.2.a	Certify in each annual report that the permittee has developed and is implementing a Local Public Education and Outreach Program.	EDPA	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?**
			Existing Permittee	**New Permittee**	
Permittees that operate rest areas and/or service areas shall conduct activities that total at least 5 points as set forth in Attachment B (Points System for Public Education and Outreach Activities) of this permit. Keep records to demonstrate compliance with this requirement.	IV.B.2.a.i and ii	Certify in each annual report that the minimum point value has been met and report point totals in the Annual Report. Keep records to demonstrate compliance with this requirement.	EDPA+12 months	EDPA+12 months	New
Permittees not identified in IV.B.2.a shall satisfy the educational requirements through the implementation of an employee training program pursuant to IV.B.5.d.	IV.B.2.b	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 and their location shall be referenced in the SPPP.	EDPA	EDPA+12 months	No
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-j	Certify in each annual report that the permittee 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, and their location shall be referenced in the SPPP.	EDPA	EDPA	No
Complete, update, maintain and submit the Major Development Project List (Attachment D), which shall include information for each new development or redevelopment project that is regulated by the permit.	IV.B.4.h	Submit in each annual report the Major Development Project List (Attachment D). Records demonstrating compliance with Part IV.B.4 shall be kept, and their location shall be referenced in the SPPP.	EDPA	EDPA	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?
			Existing Permittee	New Permittee	
Pollution Prevention/Good Housekeeping Regulatory Mechanisms					
Pet Waste Control: Adopt and enforce an appropriate regulatory mechanism that requires pet owners or their keepers to immediately & properly dispose of their pet's solid waste deposited on any part of the permittee's property.	IV.B.5.a.i	Certify in each annual report the date the regulatory mechanism was adopted and that it is being enforced. A log of enforcement actions and information distribution dates shall be kept and their location shall be referenced in the SPPP.	EDPA	EDPA + 12 months	No
Wildlife Feeding Control: Adopt and enforce an appropriate regulatory mechanism that prohibits wildlife feeding.	IV.B.5.a.ii	Certify in each annual report the date the regulatory mechanism was adopted and that it is being enforced. A log of enforcement actions shall be kept and their location shall be referenced in the SPPP.	EDPA	EDPA + 12 months	No
Litter Control: Enforce the existing State litter statute at N.J.S.A 13:1 E-99.3 or adopt and enforce a regulatory mechanism that is at least as stringent as the State litter statute.	IV.B.5.a.iii	Certify in each annual report the date the regulatory mechanism was adopted and that it is being enforced. A log of enforcement actions shall be kept and their location shall be referenced in the SPPP.	EDPA	EDPA + 12 months	No
Improper Disposal of Waste: Adopt and enforce an appropriate regulatory mechanism prohibiting improper disposal of waste.	IV.B.5.a.iv	Certify in each annual report the date the regulatory mechanism was adopted and that it is being enforced. A log of enforcement actions shall be kept and their location shall be referenced in the SPPP.	EDPA	EDPA + 12 months	No
Pollution Prevention/Good Housekeeping Control Measures					
Litter Pick-Up Program: Develop and implement a program that includes roadside clean-up of trash/debris and regular collection of refuse from litter and recycling receptacles on permittee property. Maintain records of clean-ups and estimates of total trash/debris collected.	IV.B.5.b.i.	Certify in each annual report that a litter pick-up program is being maintained, the estimated number of days each year pick-ups were performed, and the estimated amount of materials collected. Records demonstrating compliance shall be kept and their location shall be referenced in the SPPP.	EDPA	EDPA + 12 months	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?**
			Existing Permittee	**New Permittee**	
Quarterly Street Sweeping: Develop and implement a program to sweep all segments of limited-access highways (including ramps and parking areas) with storm drain inlets or discharge directly to surface water.	IV.B.5.b.ii	Certify in each annual report that the quarterly 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. Records demonstrating compliance shall be kept, and their location shall be referenced in the SPPP.	EDPA	EDPA + 12 months	Modified
Triannual Street Sweeping: Develop and implement a program to sweep all segments of streets and parking areas that are not limited-access highways but have storm drain inlets or discharge directly to surface water.	IV.B.5.b.iii	Certify in each annual report that the triannual 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. Records demonstrating compliance shall be kept, and their location shall be referenced in the SPPP.	EDPA	EDPA + 12 months	Modified
Annual Street Sweeping: Develop and implement a program to sweep all streets, ramps, and parking areas that do not have storm drain inlets or discharge directly to surface water.	IV.B.5.b.iv	Certify in each annual report that the annual 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. Records demonstrating compliance shall be kept, and their location shall be referenced in the SPPP.	EDPA	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?**
			Existing Permittee	**New Permittee**	
Storm Drain Inlet Inspection: Develop and continue to implement storm drain inlet inspections as specified in Part IV.B.5.b.v.	IV.B.5.b.v	Certify in each annual report that the storm drain inlet inspection schedule is being maintained, that a log is being maintained indicating the number of permittee-owned or operated inlets within the permittee's property, and indicate the number of inlets inspected. Records demonstrating compliance shall be kept, and their location shall be referenced in the SPPP.	EDPA	EDPA + 12 months	Modified
Storm Drain Inlet Cleaning: Develop, update, and implement a storm drain inlet cleaning program as specified in Part IV.B.5.b.vi.	IV.B.5.b.vi	Certify in each annual report that a storm drain inlet cleaning program is being implemented, and that a log indicating the number of permittee-owned or operated inlets cleaned is being maintained. Maintain records documenting the amount of materials collected in wet tons during cleaning activities for the calendar year and reference the location of those records in the SPPP. Include the totals in the Annual Report.	EDPA	EDPA + 12 months	Modified
Catch Basin Inspection: Develop and continue to implement catch basin inspections as specified in Part IV.B.5.b.vii.	IV.B.5.b.vii	Certify in each annual report that the catch basin inspection schedule is being maintained, that a log is being maintained indicating the number of permittee-owned or operated catch basins within the permittee's property, and indicate the number of catch basins inspected. Records demonstrating compliance shall be kept, and their location shall be referenced in the SPPP.	EDPA	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?**
			Existing Permittee	**New Permittee**	
Catch Basin Cleaning: Develop, update, and implement a catch basin cleaning program as specified in Part IV.B.5.b.viii.	IV.B.5.b.viii	Certify in each annual report that a catch basin cleaning program is being implemented, and that a log indicating the number of permittee-owned or operated catch basins cleaned is being maintained. Maintain records documenting the amount of materials collected in wet tons during cleaning activities for the calendar year and reference the location of those records in the SPPP. Include the totals in the Annual Report.	EDPA	EDPA + 12 months	Modified
Storm Drain Inlet Labeling: Label all drains that do not have permanent wording cast into the structure of the inlet, which are located at rest areas, service areas, maintenance facilities, and along streets with sidewalks.	IV.B.5.b.ix	Certify in each annual report that storm drains have been properly labeled. Records tracking storm drain inlet label status shall be kept, and their location shall be referenced in the SPPP.	EDPA	EDPA	No
Storm Drain Inlet Label Maintenance: Maintain the legibility of storm drain inlet labels and replace labels that are missing or not legible.	IV.B.5.b.x	Certify in each annual report that storm drains have been properly maintained. Records tracking storm drain inlet label status shall be kept, and their location shall be referenced in the SPPP.	EDPA	EDPA	No
Storm Drain Inlet Retrofit: Retrofit existing storm drain inlets as specified at Part IV.B.5.b.xi.	IV.B.5.b.xi	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. Records demonstrating compliance shall be kept, and their location shall be referenced in the SPPP.	EDPA	EDPA + 12 months	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?
			Existing Permittee	New Permittee	
Herbicide Application Management: Implement proper herbicide application management which prevents herbicides from being washed by stormwater into the waters of the State and prevents erosion caused by de-vegetation.	IV.B.5.b.xii	Certify in each annual report that proper herbicide application management is being conducted.	EDPA	EDPA	Yes
Excess De-icing Material Management: Remove piles of excess salt and de-icing materials that have been deposited during spreading operations within 72 hours after the end of each storm event.	IV.B.5.b.xiii	Certify in each annual report that proper excess de-icing material management is being conducted.	EDPA	EDPA	Yes
Roadside Vegetative Waste Management: Implement proper management of wood waste and yard trimmings generated by the Highway Agency.	IV.B.5.b.xiv	Certify in each annual report that proper pick-up, handling, storage and disposal of wood waste and yard trimmings generated by the Highway Agency has been conducted. Records demonstrating compliance shall be kept, and their location shall be referenced in the SPPP.	EDPA	EDPA	No
Refuse Containers and Dumpsters: Implement the proper use of refuse containers and dumpsters.	IV.B.5.b.xv	Certify in each annual report that appropriate dumpsters and other refuse containers that are outdoors or exposed to stormwater, are covered at all times.	EDPA	EDPA	Modified
Pollution Prevention/Good Housekeeping – Part IV.B.5.c Maintenance Yards and Other Ancillary Operations					
Maintenance Yards and Other Ancillary Operations: Implement the BMPs detailed in permit Attachment E for maintenance yards and other ancillary operations owned or operated by the Highway Agency.	IV.B.5.c	Certify in each annual report that the SPPP includes all applicable requirements of Attachment E and that the requirements have been met. Keep separate, yard-specific SPPP forms for each site where applicable. Maintain required yard-specific records and note their location in the SPPP.	EDPA	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?**
			Existing Permittee	**New Permittee**	
BMPs shall be implemented for the inventory of materials and machinery.	IV.B.5.c.i	Certify in each annual report that BMPs in Attachment E have been implemented for the inventory of materials and machinery.	EDPA	EDPA+ 12 months	No
BMPs shall be implemented for inspections and good housekeeping.	IV.B.5.c.ii	Certify in each annual report that BMPs in Attachment E have been implemented for inspections and good housekeeping.	EDPA	EDPA+ 12 months	No
BMPs shall be implemented for fueling operations.	IV.B.5.c.iii	Certify in each annual report that BMPs in Attachment E have been implemented for fueling operations.	EDPA	EDPA + 12 months	No
BMPs shall be implemented for discharge of stormwater from secondary containment.	IV.B.5.c.iv	Certify in each annual report that BMPs in Attachment E have been implemented for discharge of stormwater from secondary containment.	EDPA	EDPA + 12 months	No
BMPs shall be implemented for vehicle maintenance.	IV.B.5.c.v	Certify in each annual report that BMPs in Attachment E have been implemented for vehicle maintenance.	EDPA	EDPA + 12 months	No
BMPs shall be implemented for on-site equipment and vehicle washing and wash wastewater containment.	IV.B.5.c.vi	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	EDPA + 12 months	Modified
BMPs shall be implemented for salt and de-icing material storage and handling.	IV.B.5.c.vii	Certify in each annual report that BMPs in Attachment E have been implemented for salt and de-icing material storage and handling.	EDPA	EDPA + 12 months	Modified
BMPs shall be implemented for aggregate material and construction debris storage.	IV.B.5.c.viii	Certify in each annual report that BMPs in Attachment E have been implemented for aggregate material and construction debris storage.	EDPA + 12 months	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?
			Existing Permittee	New Permittee	
BMPs shall be implemented for street sweepings and catch basin clean-out material storage.	IV.B.5.c.ix	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	EDPA + 12 months	Yes
BMPs shall be implemented for yard trimmings and wood waste management sites.	IV.B.5.c.x	Certify in each annual report that BMPs in Attachment E have been implemented for yard trimmings and wood waste management sites.	EDPA + 12 months	EDPA + 12 months	Yes
Pollution Prevention/Good Housekeeping – Part IV.B.5.d Employee Training					
Provide training to Highway Agency employees on stormwater topics applicable to their title within 3 months of commencement of duties. Follow-up training shall occur as specified in IV.B.5.d.	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). The location of these records shall be referenced in the SPPP.	EDPA + 12 months	EDPA + 12 months	Modified
Ensure that individuals who review development and redevelopment projects for compliance with N.J.A.C. 7:8 on behalf of the Highway Agency 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. The location of this list shall be referenced in the SPPP.	EDPA + 12 months	EDPA + 12 months	Yes
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 MS4 outfall pipes which discharge to a surface water body.	IV.B.6.a	Certify in each annual report that the permittee has developed and maintained an MS4 Outfall Pipe Map which includes at a minimum, the requirements identified in Part IV.B.6.a.	EDPA	EDPA + 12 months	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?**
			Existing Permittee	**New Permittee**	
Show the location and name of all surface water bodies receiving discharges from those outfall pipes.	IV.B.6.a.i	Certify in each annual report that the surface water bodies associated with the end of each outfall pipe is located on the map.	EDPA	EDPA + 12 months	No
Include Outfall Pipe map or link to access an electronic version of the map in the SPPP	IV.B.6.a.ii	Certify in each annual report following the implementation deadline that an up-to-date Outfall Pipe Map is referenced or included in the SPPP.	EDPA +12 months	EDPA + 12 months	Yes
Update Outfall Pipe Map annually with any new or newly identified MS4 outfall pipes.	IV.B.6.a.iii	Certify in each annual report that the Outfall Pipe Map is current at the end of the calendar year and include at a minimum, the location of the end of any new or newly identified MS4 outfall pipes.	EDPA	EDPA + 12 months	No
Submit the Outfall Pipe Map to the Department on or before the set implementation schedule.	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	EDPA + 12 months	Yes
Submit 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	12/21/2020 or EDPA + 12 months, whichever is later.	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?**
			Existing Permittee	**New Permittee**	
Develop, update and implement a program to detect, investigate and control localized stream scouring from stormwater outfall pipes as specified in Part IV.B.6.	IV.B.6.b	Certify in each annual report that outfall pipes owned or operated by the permittee have received the required visual inspection at least once every five years (with a minimum of 20% of the total number of outfalls or 100 per year, whichever is greater), 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. Records demonstrating compliance with Part IV.B.6.b.i-ix shall be kept, and their location shall be referenced in the SPPP.	EDPA	EDPA + 12 months	Modified
Develop, update, implement and enforce an ongoing Illicit Discharge Detection and Elimination Program as specified in Part IV.B.6.c.	IV.B.6.c	Certify in each annual report that the permittee 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 (with a minimum of 20% of the total number of outfalls or 100 per year, whichever is greater). Document all investigations and actions taken on the Department's Illicit Connection Inspection Report Form. Records demonstrating compliance with Part IV.B.6.c.i-vii shall be kept, and their location shall be referenced in the SPPP.	EDPA	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?**
			Existing Permittee	**New Permittee**	
Adopt and enforce an appropriate regulatory mechanism that prohibits illicit connections to the small MS4 owned or operated by the permittee at the Highway Agency.	IV.B.6.d	Certify in each annual report the date the regulatory mechanism was adopted and that it is being enforced. A log of enforcement actions shall be kept and their location shall be referenced in the SPPP.	EDPA	EDPA + 12 months	No
Stormwater Facilities Mapping					
Develop, update and maintain a map of all stormwater facilities owned or operated by the permittee at the Highway Agency.	IV.C.1.a	Certify in each annual report that the permittee has developed, updated, and maintained an inventory of stormwater facilities owned or operated by the permittee at the Highway Agency. Records required by Part IV.C.1.a.i-v shall be kept, and their location shall be referenced in the SPPP.	EDPA+36 months	EDPA+ 36 months	New
Map must include property boundaries of all maintenance yards, ancillary operations, rest areas, and service areas as well as an annotated map of roadways and thoroughfares owned or operated by the permittee.	IV.C.1.b.i	Certify in each annual report that the permittee has developed, updated, and maintained a map of all maintenance yards, ancillary operations, rest areas, and service areas as well as an annotated map of roadways and thoroughfares owned or operated by the permittee.	EDPA+36 months	EDPA+36 months	New
Map must include the type of stormwater facility.	IV.C.1.b.ii	Certify in each annual report that the permittee has included the type of stormwater facility.	EDPA +36 months	EDPA+36 months	New

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?**
			Existing Permittee	**New Permittee**	
Map must be updated annually to include, at a minimum, the location of any new or newly identified stormwater facilities.	IV.C.1.b.iii	Certify in each annual report that the permittee has included the location of any new or newly identified stormwater facilities.	EDPA + 36 Months	EDPA + 36 months	New
Map must be populated and maintained in an electronic format provided by the Department.	IV.C.1.b.iv	Certify in each annual report that the permittee has populated and maintained a map in an electronic format provided by the Department.	EDPA+36 months	EDPA+36 months	New
New data points subsequently added to the map shall be provided to the Department annually thereafter as an attachment to the MSRP Annual Report and Certification.	IV.C.1.b.vi	Certify in each subsequent annual report that new stormwater facilities have been added to inventory.	Annually after EDPA+36 months	Annually after EDPA+36 months	New
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 permittee.	IV.C.2.a	Certify in each annual report that the permittee has developed, updated and implemented a program to ensure adequate long-term cleaning, operation and maintenance of all stormwater facilities owned or operated by the permittee. Records required by Part IV.C.2.a-c, shall be kept, and their location shall be referenced in the SPPP.	EDPA	EDPA + 12 months	Modified
Stormwater facility maintenance must be performed pursuant to any maintenance plans, or more frequently as needed, to ensure proper function and maintenance of the stormwater facility.	IV.C.2.b	Certify in each annual report that inspections and maintenance were performed pursuant to any maintenance plans, or more frequently as needed, to ensure proper function and operation of stormwater facilities.	EDPA	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?**
			Existing Permittee	**New Permittee**	
Maintain a log sufficient to demonstrate compliance with this permit requirement.	IV.C.2.c	Certify in each annual report that, at a minimum, a maintenance log is kept that records the name & type of the stormwater facility inspected, the 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), the name of inspector, date of inspection, findings, and any preventative and corrective maintenance performed.	EDPA	EDPA + 12 months	Modified
Certify annually if the stormwater facilities owned or operated by the permittee are functioning properly.	IV.C.2.e	Certify in each annual report if all stormwater facilities owned or operated by the permittee are functioning properly.	EDPA	EDPA + 12 months	No
Preventative and corrective maintenance shall be taken to repair stormwater facilities that are not functioning properly. Prioritization schedule shall be documented and developed based on measures specified in Part IV.C.2.f.	IV.C.2.f	Certify in each annual report that a prioritized schedule of necessary preventive and corrective maintenance exists based on Part IV.C.2.f. i-iv for stormwater facilities that are not functioning properly.	EDPA	EDPA+12 months	Modified
Copies of all maintenance plans shall be kept for stormwater facilities approved by the permittee and shall be available to the Department upon request.	IV.C.2.g & h	Certify in each annual report that copies of all maintenance plans (as defined in Notes and Definitions Part IV.B.1.g), for stormwater facilities are kept on file, and their location shall be referenced in the SPPP.	EDPA	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?
			Existing Permittee	New Permittee	
Total Maximum Daily Load (TMDL) Info.					
Annually review approved or adopted TMDL reports to identify if the TMDL addresses any segment of surface water wholly or partially within or bordering all: maintenance yards; rest areas; service area properties; and new "major development" projects as defined by the permittee's stormwater program.	IV.C.3.a	Certify in each annual report that approved or adopted TMDLs have been identified and reviewed. Records required by Part IV.C.3.a.i, a.ii, and b shall be kept, and their location shall be referenced in the SPPP.	EDPA + 12 months	EDPA + 12 months	Yes
Use TMDL information identified in compliance with Part IV.C.3.a to identify and develop strategies to address specific stormwater sources of those pollutants addressed in the TMDL.	IV.C.3.a.i	Certify in each annual report that the permittee has used information identified in compliance with Part IV.C.3.a to assist in identifying and developing strategies to address specific stormwater sources of those pollutants addressed in the TMDL.	EDPA + 12 months	EDPA + 12 months	Yes
Use TMDL information identified in compliance with Part IV.C.3.a to Assist in the selection and design of stormwater BMPs for "major development" projects, and the prioritization of stormwater facility maintenance, including schedules for repairs related to Stormwater Facilities' Maintenance, and the Stream Scouring and Illicit Discharge Detection & Elimination programs.	IV.C.3.a.ii	Certify in each annual report that the permittee has used information identified in compliance with Part IV.C.3.a to assist in the prioritization of activities as required at Part IV.B.6. (Stream Scouring & Illicit Discharge Detection & Elimination) and IV.C.3.f (Stormwater Facilities Maintenance)	EDPA+12 months	EDPA+12 months	Yes
Update SPPP to list information identified in Part IV.C.3.a.	IV.C.3.a.b	Certify in each annual report that the permittee has updated its SPPP to list information identified in Part IV.C.3.a.	EDPA + 12 months	EDPA + 12 months	Yes
Incorporate any strategies identified in Part VI.C.3.a.ii(2) as an Optional Measure	IV.C.3.a.c	Certify in each annual report that the permittee has incorporated any strategies identified in Part VI.C.3.a.ii(2) as an Optional Measure.	EDPA + 12 months	EDPA + 12 months	Yes

Attachment B – Points System for Public Education and Outreach Activities

Permittees who own and operate rest areas and/or service areas shall describe how they will educate users and employees of the Highway Agency to satisfy this minimum standard. The Public Education and Outreach Program is intended to focus on educational and pollution prevention activities that educate 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 permittee shall select activities from the list below, totaling a minimum of 5 (five) points each year:

Activity	Description	Points
Website and Social Media	Maintain a stormwater related page on the permittee's website or on permittee's social media site. The web page may include links to other stormwater related resources, including the NJDEP stormwater website (www.njstormwater.org) as well as the Stormwater Pollution Prevention Plan.	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 permittee.	1
Radio/Television	Broadcast a radio or television public service announcement from www.cleanwaternj.org on a local radio or public service channel.	1
Green Infrastructure and Stormwater Facility Signage	Post signs at green infrastructure sites, stormwater management basins or other structural stormwater-related facilities at the rest/service area that describe the function and importance of the infrastructure, contact phone number, permittee 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 at the rest/service areas.	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 rest/service areas.	2
Stormwater Display	Present a stormwater related display or materials at rest/service areas.	1
Pet Waste Bags	Provide pet waste bags at rest/service areas.	2

Permittees may request approval from the NJDEP Bureau of Nonpoint Pollution Control to earn points for alternate activities.

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 permittee in an adopted regulatory mechanism:

- Storm drain inlets installed as part of new development and redevelopment that disturb one acre or more;
- Storm drain inlets installed as part of new development and redevelopment that disturb less than one acre that are part of a larger common plan of development or sale (e.g. phased development project) that ultimately disturbs one acre or more;
- Permittee 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.

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. 5:21include 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 Project List

Provide the following information for each approved development or redevelopment project that is regulated by the Highway Agency MS4 NJPDES Permit, and not exempted under N.J.A.C. 7:8-1.6(b).

Highway Agency: _____		NJPDES#: NJG**:** _____			PI ID#: _____		Calendar Year: _____	
Project Name	Municipality / County	5G3 Construction Stormwater Permit Auth.#	DLUR Stormwater Review? (Y/N)	Total Area of Disturbance (acres)	Water Quality Treatment Required? (Y/N)	Waiver Claimed Under N.J.A.C. 7:8-5.2(e)? (Y/N)	Project Design Engineer	Project Reviewer(s)

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

The permittee shall implement the following practices at maintenance yards and other ancillary operations owned or operated by the permittee. Inventory of Materials and Machinery, and Inspections and Good Housekeeping shall be conducted at all 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 separate forms listing the physical address, materials, machinery, and activities of each maintenance yard and ancillary operation where they 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 maintenance yard operations and ancillary operations. Materials or machinery that are not exposed to stormwater at the 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 permittee's MS4. Maintain an inspection log detailing conditions requiring attention and remedial actions taken for all activities occurring at 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, and its location referenced in the SPPP and made available to the Department upon request. See the Highway Agency Guidance document at https://www.nj.gov/dep/dwq/highway_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 contained by berms 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 contained by berms 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 the following:
        - "Topping off 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 solution storage, brine solution) shall have a valve and the valve shall remain closed except as described below. The permittee 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 been 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 permittee shall rely on previous tank inspections to determine with some degree of certainty that the tank has not leaked. If the permittee cannot determine 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. Floor drain discharge locations shall be identified in the SPPP.

3. 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. 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 surface or ground waters of the State.

2. Permittee's 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 containment system protected by cathode, provide a passing cathodic protection survey every three years.

   c. Operate containment structures to prevent overfilling resulting from normal or abnormal operations, overfilling, malfunctions of equipment, and human error. Overfill 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 shall 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. 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. Cold patch shall be stored in a permanent structure or on an impervious surface and covered with a waterproof material (i.e., tarpaulin or 10-mil plastic sheeting) that is contained (e.g., contained by berms) to control leachate and stormwater run-on or run through.

5. 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 include materials such as liquids, wastes which are removed from 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 temporary storage must be, at a minimum:

    a. Stored in leak-proof containers or on an impervious surface and covered with a waterproof material (i.e., tarpaulin or 10-mil plastic sheeting) that is contained (e.g., contained by berms) to control leachate and stormwater run-on or run through; 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 permittee;
        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;
    b. Minimizes or eliminates the exposure of yard trimmings, wood waste and related materials to stormwater;
    c. Eliminates the discharge of stormwater that contacts source material from yard trimmings or wood waste management sites to storm sewer inlets or surface waters of the State.
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 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 trimmings 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., contained by berms) 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.

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

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

Permittee: _____ NJPDES Permit No: _____

Containment Structure Location: _____

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

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

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

Acceptable _____

Unacceptable _____

Conditionally Acceptable _____

List necessary repairs and other conditions: _____

_____

_____

_____

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

Name (print): _____ Seal:

Signature: _____

Date: _____

Underground Vehicle Wash Water Storage Tank Use Log

Name and Address of Facility _____

Facility Permit Number _____

Tank ID Number _____ Tank Location _____

Tank Volume _____ gallons Tank Height _____ inches

95% Volume _____ gallons 95% Volume _____ inches

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

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

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

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

Underground Vehicle Wash Water Storage Tank Pump Out Log

Name and Address of Facility _____

Facility Permit Number _____

Tank ID Number _____ Tank Location _____

Tank Volume _____ gallons

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

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

All photographs were captured in Eastern Standard Time, with timestamps reflecting Central Standard Time.

Photograph 1.
Description: *Public Works Freehold Complex (Headquarters)*. View, facing south, of the Division of Fleet Services maintenance building and staff parking area.

Photograph 2.
Description: *Headquarters*. View, facing south, of garage maintenance bays attached to the Fleet Services building. County representatives stated that internal materials go through an onsite oil/water separator (OWS) before entering the sanitary sewer system.

Photograph 3.
Description: *Headquarters*. View, facing north, of a 30-yard roll-off dumpster containing general waste, adjacent to the administrative building. The roll-off dumpster was not equipped with a permanent lid or cover

Photograph 4.
Description: *Headquarters*. View, facing west, of the partially paved equipment storage lot adjacent to, and draining to, the large detention basin.

Photograph 5.
Description: *Headquarters*. Additional view, facing south, of the partially paved equipment storage lot.

Photograph 6.
Description: *Headquarters*. View, facing east, of the large detention basin. This basin's outlet structure includes a Jellyfish filtration technology system for additional treatment before discharging offsite to a wooded area.

Photograph 7.
Description: *Headquarters*. View, facing south, of the large detention basin and outlet structure. Organic debris was observed in the southern corner of the basin, upstream of the outlet.

Photograph 8.
Description: *Headquarters*. View of the seven individual filtration treatment units inside the Jellyfish filtration system. The filters are deployed in tandem for final polishing treatment before discharging offsite.

Photograph 9.
Description: *Headquarters*. View, facing south, of a gasoline and diesel fuel island located on the southwest corner of the facility. Discharge from the fueling station would flow into an adjacent small detention basin before reaching the large detention basin.

Photograph 10.
Description: *Headquarters*. View, facing west, of the small detention basin adjacent to the fueling station and aboveground storage tanks (ASTs). The detention basin conveys stormwater to the larger detention basin shown in Photographs 6 and 7.

Photograph 11.
Description: *Headquarters*. View, facing north, of the double-walled AST tanks adjacent to the fueling station and storm drain inlet that conveys stormwater to the small detention basin shown in Photograph 10. The arrow indicates the location of the inlet.

Photograph 12.
Description: *Headquarters*. View, facing east, of an uncovered roll-off dumpster, for street sweeping debris, in the lot connected to the salt storage building. The empty dumpster was delivered during the audit and was not equipped with a temporary or permanent cover.

Photograph 13.
Description: *Headquarters*. View, facing west, of recycled asphalt material and paving equipment atop a ramp along the walled, western perimeter of the property.

Photograph 14.
Description: *Headquarters*. View, facing north, of turbid stormwater flow observed near the asphalt stockpile storage areas.

Photograph 15.
Description: *Headquarters*. View, facing east, of a storm drain inlet adjacent to the asphalt recycling area, which conveys stormwater to the small detention basin pictured in Photograph 10. The pooled stormwater was turbid.

Photograph 16.
Description: *Headquarters.* View of the covered aggregate storage adjacent to the salt storage. The materials were not fully contained within the covered area.

Photograph 17.
Description: *Headquarters*. View of roofed and enclosed chemical storage adjacent to the asphalt recycling staging area shown in Photograph 14. The chemicals were stored in poly totes on top of wooden pallets.

Photograph 18.
Description: *Headquarters*. View of the covered sand storage within a three-sided bay. The sand was not contained within the covered area.

Photograph 19.
Description: *Headquarters*. View of the salt storage building. The de-icing salt was fully contained within the building.

Photograph 20.
Description: *Headquarters* Four double-walled brine storage tanks are located centrally outside the vehicle maintenance garage.

Photograph 21.
Description: *Headquarters*. View, facing west, of enclosed oil and used battery storage. The arrow indicates the staining that was observed outside the enclosure.

Photograph 22.
Description: *Robert C. McGurr Bridge Outfall* near the intersection of Halls Mill Road and Adelphia Road. View of the outfall that is located centrally at the base of the bridge and conveys stormwater from the bridge directly into Debois Creek. The yellow circle indicates the approximate location of the outfall.

Photograph 23.
Description: *Robert C. McGurr Bridge Outfall*. View of the outfall underneath the Robert C. McGurr Bridge. The yellow arrow indicates Debois Creek.

Photograph 24.
Description: *Halls Mill Road Widening Project Post-Construction Facilities*. View, facing north, of the southern corner of the Halls Mill Road Widening Project detention basin, which receives flow from Halls Mill Road. The observed inlet was free from obstruction. The basin was free from standing water at the time of the audit. The arrow indicates Halls Mill Road.

Photograph 25.
Description: *Halls Mill Road Widening Project Post-Construction Facilities*. View, facing north, of the north corner of the Halls Mill Road Widening Project detention basin. A caged outlet was observed in the northwest corner of the photograph. Vegetation growth was observed in the sandy section of the basin near the outlet. The arrow indicates the caged outlet.

Photograph 26.
Description: *Halls Mill Road Widening Project Post-Construction Facilities*. Additional view of the caged outlet with sand present in the outlet chamber. The outlet conveys stormwater west to a tributary to Debois Creek located in the wooded area.

Photograph 27.
Description: *Halls Mill Road Widening Project Post-Construction Facilities*. View, facing north, of the vegetated swale and riprap located between the northbound and southbound lanes of Halls Mills Road.

Photograph 28.
Description: *Highway District 5*. Overview, facing east, of the main lot, salt storage, and the office building.

Photograph 29.
Description: *Highway District 5*. View of the 3-sided bays storing aggregates, cold patch, and street sweepings. The cold patch bays did not have covers to prevent exposure to precipitation.

Photograph 30.
Description: *Highway District 5*. View, facing west, of the aggregate storage bay. Sheen was observed on the pooled stormwater. The arrow indicates the sheening observed.

Photograph 31.
Description: *Highway District 5*. View of a partially exposed and uncovered 30-yard dumpster located adjacent to the salt storage building.

Photograph 32.
Description: *Highway District 5*. View of the double-walled split AST containing gasoline (3,000 gal) and diesel (6,000 gal). The white containers held spill cleanup materials.

Photograph 33.
Description: *Outfall OFH-5-072*. View of the outfall located along Adelphia Road in a suburban residential area. The outfall was discharging at the time of the site visit.

Photograph 34.
Description: *Outfall OFH-5-072*. View of the discharge from the outfall that surface flows approximately 125 feet towards Crows Creek. The EPA Audit Team observed the discharge to be clear and odorless.

Photograph 35.
Description: *Highway District 4*. View of the gasoline (3,000 gal) and diesel (5,000 gal) AST island for fleet refueling. The white container held spill cleanup materials.

Photograph 36.
Description: *Highway District 4*. View of the aggregate and cold patch stored within three-sided bays with roofs. The materials were not fully contained within the storage areas as indicated by the arrow.

Photograph 37.
Description: *Highway District 4*. View of County catch basin that County representatives identified as connecting to Wall Township.

Photograph 38.
Description: *Highway District 4*. View, facing east, of the storage buildings and paved lot.

Photograph 39.
Description: *Highway District 4*. View, facing north, of the aggregate and cold patch storage bays. The materials were not contained within the bays and the bays did not have covers.

Photograph 40.
Description: *Highway District 4*. View of the cold patch that had spilled out of the containment area shown in Photograph 38.

Photograph 41.
Description: *Highway District 4*. View of a 30-yard dumpster that was uncovered with vegetative debris. The dumpster was not equipped with a temporary or permanent cover

Photograph 42.
Description: *Highway District 8*. Overview of the district yard facility the salt shed and storage and maintenance building.

Photograph 43.
Description: *Highway District 8*. Overview of the three-sided bays containing aggregates and cold patch asphalt. The cold patch asphalt storage did not have a cover to prevent exposure to stormwater.

Photograph 44.
Description: *Highway District 8*. View of turbid stormwater flowing from the backside of the materials storage area into a vegetated graveled area. The arrow indicates flow direction.

Photograph 45.
Description: *Highway District 8*. View of a 30-yard dumpster partially covered by the salt storage building. The dumpster did not have a temporary or permanent cover.

Photograph 46.
Description: *Highway District 8*. View of the double-walled split tank AST containing gasoline and diesel A spill kit was observed adjacent to the fuel pumps. Minor staining was observed the AST. The EPA Audit Team observed an inlet at the northwest corner of the facility, near the AST.

Photograph 47.
Description: Highway District 8. View, looking away from the AST towards the discharge point. The arrow indicates the location of the discharge point.

Photograph 48.
Description: *Highway District 8*. View of a divot in the pavement leading to a discharge point adjacent and northeast to the ASTs shown in Photographs 46 and 47. The outfall was covered in leaf litter. The arrow indicates the location of the discharge point.

Photograph 49.
Description: *Tidal Outfall OFH-8-072*. Observed during low tide. The outfall conveys stormwater from an adjacent parking lot and multiple city blocks to the Atlantic Ocean. Sand was observed within the outfall.

Photograph 50.
Description: *Tidal Outfall OFH-8-072*. Additional view facing towards the outfall. The outfall pipe was not free flowing because it was approximately 50 percent full of sand.

Photograph 51.
Description: View inside *Tidal Outfall OFH-8-072*. The outfall was not draining because of the sand pictured in Photograph 50.

Photograph 52.
Description: *Highway District 1*. View of the salt storage building with straw bales at the building's entrance. The EPA Audit Team observed salt outside the building as indicated by the arrow.

Photograph 53.
Description: *Highway District 1*. View of straw bales used as inlet projection for the inlet located adjacent to the salt storage building and equipment lot.

Photograph 54.
Description: *Highway District 1*. View of the outfall for the catch basins at the facility.

Photograph 55.
Description: *Highway District 1*. View of sheen on stormwater in paved vehicle and equipment lot. The arrow indicates the sheet observed on the lot.

Photograph 56.
Description: *Highway District 1*. View of sheen on the paved vehicle and equipment lot. The arrow indicates the sheen that was observed. Photograph 56 is a different location from Photograph 55.

Photograph 57.
Description: *Highway District 1*. View, facing east, of the aggregate, street sweepings, and cold patch stored within three-sided bays. The two cold patch bays and aggregate bay were uncovered.

Photograph 58.
Description: *Harbor Bay detention basins*. View of the southernmost detention basin.

Photograph 59.
Description: *Harbor Bay detention basins*. View, facing north, of the 'L' shaped northern detention basin.

Photograph 60.
Description: *Harbor Bay detention basins*. View of a wildlife burrow in the berm of the northern detention basin. The arrow indicates the observed animal burrow.

Photograph 61.
Description: *Harbor Bay detention basins.* View of the elevation controlled outlet for the northern basin.

Photograph 62.
Description: *Harbor Bay detention basins*. View of the inside the outlet structure shown in Photograph 61. Solid waste in the outlet structure had blocked the conveyance pipe.

Photograph 63.
Description: *Highway District 10*. View of the entrance to the salt barn storage building. Salt was not observed outside the building.

Photograph 64.
Description: *Highway District 10*. View of a partially covered 30-yard dumpster located centrally within the paved lot. The dumpster did not have a temporary or permanent cover.

Photograph 65.
Description: *Highway District 10*. View of the general waste contents within the partially exposed and uncovered dumpster.

Photograph 66.
Description: *Highway District 10*. View of staining on the pad of the gasoline (3,000 gal) and diesel (5,000 gal) AST fuel island. The arrow indicated the staining observed.

Photograph 67.
Description: *Highway District 10*. View, facing north, of a stormwater conveyance along the eastern side of the paved lot leading to a conveyance. The conveyance was partially obstructed by sediment and leaf litter. The arrow indicates the location of the conveyance.

Photograph 68.
Description: *Highway District 10*. View of a discharge point leading from the yard to a tributary to Crows Creek.

Photograph 69.
Description: *Highway District 6*. Overview of lot and salt storage building.

Photograph 70.
Description: *Highway District 6*. View of two soil stockpiles located centrally in the lot shown in Photograph 69. Erosion and sediment control BMPs were not in place to contain the soil within the stockpiles.

Photograph 71.
Description: *Highway District 6*. View of the gasoline (3,000 gal) and diesel (6,000 gal) AST.

Photograph 72.
Description: *Highway District 6*. View of an enclosed chemical storage area.

Photograph 73.
Description: *Highway District 6*. View of partially covered cold patch storage area. The cold patch was not fully contained within the three-sided bay or completely covered by the tarp.

Photograph 74.
Description: *Highway District 6*. View of aggregate storage within a three-sided bay.

Photograph 75.
Description: *Highway District 6*. View of the fuel island. Spill kits were observed between the fuel pumps

Photograph 746.
Description: *Highway District 6*. View of spill kits for the fuel island shown in Photograph 75.

Photograph 756.
Description: *Highway District 6*. View of debris and trash in catch basin.

Appendix D

Monmouth County

Exhibit Log

Exhibit 1 – Outfall Inspection Report

ID	Inspection Date	District	Street	Watershed	Scouring Type	Receiving	POINT_X	POINT_Y
0FB-6-028	4/11/2018 0:00	6	SEVEN BRIDGES RD	Shrewsbury River (above Navesink River)	None	Other	621593	
OFB-1-002	1/31/2018 0:00	1	CHERRY TREE FARM RD	Raritan / Sandy Hook Bay tributaries	None	Stream	598278.7	575677.8
OFB-1-007	3/15/2019 0:00	1	OCEAN BLVD	Raritan / Sandy Hook Bay tributaries	None	Stream	624506.9	575448.1
OFB-1-010	1/31/2018 0:00	1	OCEANIC BRDG	Navesink River / Lower Shrewsbury River	None	River	626770.2	538801.2
OFB-1-011	1/31/2018 0:00	1	OCEANIC BRDG	Navesink River / Lower Shrewsbury River	None	River	626799.4	566024.7
OFB-1-012	1/31/2018 0:00	1	OCEANIC BRDG	Navesink River / Lower Shrewsbury River	None	River	626785.9	565869.7
OFB-1-013	1/31/2018 0:00	1	OCEANIC BRDG	Navesink River / Lower Shrewsbury River	None	River	626776.2	565814.9
OFB-1-014	1/31/2018 0:00	1	OCEANIC BRDG	Navesink River / Lower Shrewsbury River	None	River	626766.2	565760.9
OFB-1-015	1/31/2018 0:00	1	OCEANIC BRDG	Navesink River / Lower Shrewsbury River	None	River	626755.6	565689.9
OFB-1-016	1/31/2018 0:00	1	OCEANIC BRDG	Navesink River / Lower Shrewsbury River	None	River	626743.2	565618.9
OFB-1-017	1/31/2018 0:00	1	OCEANIC BRDG	Navesink River / Lower Shrewsbury River	None	River	626735.8	565557.1
OFB-1-018	1/31/2018 0:00	1	OCEANIC BRDG	Navesink River / Lower Shrewsbury River	None	River	626752.1	565391
OFB-1-019	1/31/2018 0:00	1	OCEANIC BRDG	Navesink River / Lower Shrewsbury River	None	River	628210.2	563043
OFB-1-020	4/29/2019 0:00	1	E RIVER RD	Navesink River / Lower Shrewsbury River		Pond	630629	489562.9
OFB-1-022	4/29/2019 0:00	1	RIVER RD	Navesink River / Lower Shrewsbury River		Pond	617357	
OFB-1-023	4/29/2019 0:00	1	RIVER RD	Navesink River / Lower Shrewsbury River		Pond	617355.4	
OFB-1-024	4/29/2019 0:00	1	RIVER RD	Navesink River / Lower Shrewsbury River		Pond	617379.8	
OFB-1-026	2/2/2018 0:00	1	W FRONT ST	Navesink River / Lower Shrewsbury River	Rip Rap Pit	River	609783.9	467083.2
OFB-1-027	4/16/2019 0:00	1	HUBBARD AVE	Navesink River / Lower Shrewsbury River		Other	607822.7	
OFB-1-028	4/16/2019 0:00	1	HUBBARD AVE	Navesink River / Lower Shrewsbury River		Other	607825.6	480918.1
OFB-1-031	4/17/2019 0:00	1	NAVESINK RIVER RD	Navesink River / Lower Shrewsbury River		Stream	608384.5	555735.6
OFB-1-033	4/16/2019 0:00	1	NAVESINK RIVER RD	Navesink River / Lower Shrewsbury River		Stream	612854.3	471933.8
OFB-1-036	5/6/2019 0:00	1	MIDDLETOWN LINCROFT RD	Navesink River / Lower Shrewsbury River		Stream	596668.2	485706.9
OFB-1-039	5/6/2019 0:00	1	MIDDLETOWN LINCROFT RD	Navesink River / Lower Shrewsbury River		Stream	596162.8	481012.6
OFB-1-042	4/18/2019 0:00	1	MIDDLETOWN LINCROFT RD	Navesink River / Lower Shrewsbury River		Stream	598912.3	
OFB-1-043	4/18/2019 0:00	1	MIDDLETOWN LINCROFT RD	Navesink River / Lower Shrewsbury River		Stream	598952.8	
OFB-1-044	1/31/2018 0:00	1	OCEANIC BRDG	Navesink River / Lower Shrewsbury River	None	River	626735.8	470681.1
OFB-1-045	1/31/2018 0:00	1	NAVESINK RIVER RD	McClees Creek	Rip Rap	Creek		
OFB-1-046	1/31/2018 0:00	1	NAVESINK RIVER RD	McClees Creek	Rip Rap	Creek		
OFB-1-047	1/31/2018 0:00	1	NAVESINK RIVER RD	McClees Creek	Rip Rap	Creek		
OFB-1-350	5/6/2019 0:00	1	MIDDLETOWN LINCROFT RD	Navesink River / Lower Shrewsbury River		Stream	596611.4	485745
OFB-10-079	2/22/2019 0:00	10	SWIMMING RIVER RD	Navesink River / Lower Shrewsbury River	None	Other	599988.2	
OFB-10-097	2/14/2019 0:00	10	W MAIN ST		Concrete floor	Stream		
OFB-10-104	2/19/2019 0:00	10	TENNENT RD		None	Stream		
OFB-10-105	2/19/2019 0:00	10	TENNENT RD		None	Stream		
OFB-10-111	2/25/2019 0:00	10	NEWMAN SPRINGS RD		Rip Rap	Stream		
OFB-10-112	2/26/2019 0:00	10	NEWMAN SPRINGS RD		None	Stream		
OFB-10-113	2/26/2019 0:00	10	NEWMAN SPRINGS RD		Rip Rap	Stream		
OFB-3-007	3/11/2019 0:00	3	COUNTY ROAD 537 E	Navesink River / Lower Shrewsbury River	Rip Rap	Stream	587809.1	531871.1
OFB-3-008	3/11/2019 0:00	3	COUNTY ROAD 537 E	Navesink River / Lower Shrewsbury River	Rip Rap	Stream	587790.1	566024.7
OFB-3-070	3/11/2019 0:00	3	537E		Rip Rap	Stream		
OFB-3-072	3/11/2019 0:00	3	HOPE RD		None	Stream		
OFB-3-075	3/13/2019 0:00	3	Interlaken Cir	Deal Lake	None	Lake		
OFB-3-076	3/14/2019 0:00	3	MONMOUTH RD		Concrete Schute	Stream		
OFB-3-077	3/14/2019 0:00	3	MONMOUTH RD		Rip Rap	Stream		
OFB-3-078	3/14/2019 0:00	3	MONMOUTH RD		Rip Rap	Stream		
OFB-3-079	3/14/2019 0:00	3	MONMOUTH RD		None	Stream		
OFB-3-080	3/14/2019 0:00	3	MONMOUTH RD		None	Stream		
OFB-3-090	3/26/2019 0:00	3	ASBURY AVE		None	Stream		
OFB-5-070	2/12/2018 0:00	5	ELTON ADELPHIA RD	Manasquan River	None	Stream		
OFB-6-051	2/9/2018 0:00	6	AVENUE OF MEMORIES	Shrewsbury River	Rip Rap	Stream		
OFB-6-052	2/9/2018 0:00	6	MYRTLE AVE	Shrewsbury River	None	Creek		
OFB-6-054	2/9/2018 0:00	6	SEVEN BRIDGES RD	Shrewsbury River	Rip Rap	Creek		
OFB-6-055	2/9/2018 0:00	6	SEVEN BRIDGES RD	Shrewsbury River	None	Creek		
OFB-6-056	4/11/2018 0:00	6	OCEANPORT AVE	Shrewsbury River	None	Creek		
OFB-6-057	4/11/2018 0:00	6	OCEANPORT AVE	Shrewsbury River	None	Creek		
OFB-6-058	3/14/2019 0:00	6	OCEANPORT AVE	Shrewsbury River	None	Stream		
OFB-7-001	2/21/2018 0:00	7	HOLMES MILL RD	Crosswicks Ck (Doctors Ck to New Egypt)	None	Stream	481500.6	470681.1
OFB-7-002	2/21/2018 0:00	7	HOLMES MILL RD	Crosswicks Ck (Doctors Ck to New Egypt)	None	Stream	481515.8	470339.9
OFB-7-003	6/25/2019 0:00	7	HOLMES MILL RD	Crosswicks Ck (Doctors Ck to New Egypt)	None	Stream	481812.1	539167.6
OFB-7-004	6/25/2019 0:00	7	HOLMES MILL RD	Crosswicks Ck (Doctors Ck to New Egypt)	None	Stream	481804.1	541922.4
OFB-7-010	3/15/2018 0:00	7	Trenton-Forked River Rd	Crosswicks Ck (Doctors Ck to New Egypt)	None	Stream	489896.1	
OFB-7-013	2/21/2018 0:00	7	ARNEYTOWN-HORNERSTOWN RD	Crosswicks Ck (Doctors Ck to New Egypt)	None	Stream	487314.5	463270.5
OFB-7-022	3/15/2018 0:00	7	Allentown-Hornerstown Rd	Crosswicks Ck (Doctors Ck to New Egypt)	None	Stream	481892	477906.3
OFB-7-025	3/15/2018 0:00	7	COUNTY ROAD 539	Crosswicks Ck (Doctors Ck to New Egypt)	None	Lake	481737.8	478549.5
OFB-7-030	3/1/2018 0:00	7	YARDVILLE ALLENTOWN RD	Doctors Creek	None	Stream	462529.1	495743.4
OFB-7-033	3/14/2018 0:00	7	ALLENTOWN RED VALLEY RD	Doctors Creek	None	Stream	473168.6	488810.7
OFB-7-034	3/14/2018 0:00	7	ALLENTOWN RED VALLEY RD	Doctors Creek	None	Stream	473210.1	488793.1
OFB-7-039	3/14/2018 0:00	7	TRENTON LAKEWOOD RD	Doctors Creek	None	Stream	487918.9	485814.8
OFB-7-040	3/14/2018 0:00	7	TRENTON LAKEWOOD RD	Doctors Creek	None	Stream	487961.2	
OFB-7-041	3/12/2018 0:00	7	TRENTON LAKEWOOD RD	Doctors Creek	None	Stream	490669.4	485048.2
OFB-7-042	3/12/2018 0:00	7	TRENTON LAKEWOOD RD	Doctors Creek	None	Stream	495207.9	484452.4
OFB-7-053	3/12/2018 0:00	7	MONMOUTH RD	Metedeconk River NB	None	Stream	529690.3	

OFB-7-055	2/27/2018 0:00	7	STAGECOACH RD	Doctors Creek	None	Stream	507580.2	495379.4
OFB-7-056	2/27/2018 0:00	7	STAGECOACH RD	Doctors Creek	None	Stream	507533.5	
OFB-7-062	2/28/2018 0:00	7	N ROCHDALE AVE	Assunpink Creek (above Shipetaukin Ck)	None	Stream	499626.5	505865.1
OFB-7-077	2/27/2018 0:00	7	STAGECOACH RD	Doctors Creek	None	Stream		
OFB-7-078	2/27/2018 0:00	7	STAGECOACH RD		None	Stream		
OFB-7-079	2/28/2018 0:00	7	MILLSTONE RD	Barnegat Bay Watershed	None	Stream		
OFB-7-084	3/1/2018 0:00	7	OLD YORK RD	New Sharon Branch	None	Stream		
OFB-7-085	3/1/2018 0:00	7	OLD YORK RD	New Sharon Branch	None	Stream		
OFB-7-087	3/1/2018 0:00	7	S. Main St	Doctors Creek	Concrete floor	Stream		
OFB-7-088	3/1/2018 0:00	7	OLD YORK RD	Doctors Creek	Concrete floor	Stream		
OFB-7-089	3/1/2018 0:00	7	OLD YORK RD	Doctors Creek	Rip Rap	Stream		
OFB-7-095	3/12/2018 0:00	7	TRENTON LAKEWOOD RD		None	Stream		
OFB-7-107	3/15/2018 0:00	7	ALLENTOWN RED VALLEY RD	Doctors Creek	None	Stream		
OFB-7-109	3/15/2018 0:00	7	Trenton-Forked River Rd	Crosswicks Creek	None	Stream		
OFB-7-111	6/25/2019 0:00	7	HOLMES MILL RD	Crosswicks Creek				541965.6
OFB-7-112	4/8/2019 0:00	7	DAVIS STATION RD					
OFB-8-001	4/8/2019 0:00	8	KENNEDY WAY	Waackaack Creek		Creek		
OFB-8-002	4/8/2019 0:00	8	KENNEDY WAY	Waackaack Creek		Creek		
OFB-8-003	4/8/2019 0:00	8	STONE RD	Raritan / Sandy Hook Bay tributaries		Stream	578920.5	
OFB-8-004	4/8/2019 0:00	8	W FRONT ST	Raritan / Sandy Hook Bay tributaries		River	573595.3	500525.9
OFB-8-005	4/8/2019 0:00	8	W FRONT ST	Raritan / Sandy Hook Bay tributaries		River	573549	
OFB-8-006	3/5/2019 0:00	8	W FRONT ST	Raritan / Sandy Hook Bay tributaries	Gabbion Baskets	River	571967.9	507020.4
OFB-8-007	3/5/2019 0:00	8	AMBOY AVE	Raritan / Sandy Hook Bay tributaries	Gabbion Baskets	River	571723.7	511379.7
OFB-8-008	3/5/2019 0:00	8	1ST ST	Chingarora Creek		Creek		
OFB-8-009	3/5/2019 0:00	8	BROADWAY	Chingarora Creek		Creek		
OFB-8-010	3/5/2019 0:00	8	BROADWAY	Chingarora Creek		Creek		
OFB-8-013	3/5/2019 0:00	8	RAVINE DR	Raritan / Sandy Hook Bay tributaries	Rip Rap	River	566697.3	576453.8
OFB-8-014	3/5/2019 0:00	8	RAVINE DR	Raritan / Sandy Hook Bay tributaries	Rip Rap	River	566706.4	576454.4
OFB-8-020	3/5/2019 0:00	8	LLOYD RD	Raritan / Sandy Hook Bay tributaries	None	Stream	570840.6	511653.4
OFB-8-038	2/15/2019 0:00	8	TENNENT RD	Matchaponix Brook	None	Stream	548132.2	544622
OFB-8-039	2/15/2019 0:00	8	TENNENT RD	Matchaponix Brook	None	Stream	548108.8	544534.5
OFB-8-046	2/28/2019 0:00	8	VAN SCHOICK RD	Raritan / Sandy Hook Bay tributaries	None	Stream	591012.9	565148.6
OFB-8-052	2/28/2019 0:00	8	LAUREL AVE	Raritan / Sandy Hook Bay tributaries	None	Stream	591610.2	572791.8
OFB-8-056	4/11/2019 0:00	8	MIDDLE RD	Raritan / Sandy Hook Bay tributaries	None	Stream	585181.3	503487.1
OFB-8-057	3/7/2019 0:00	8	MIDDLE RD	Raritan / Sandy Hook Bay tributaries	None	Stream	585188.7	580220.5
OFB-8-058	3/7/2019 0:00	8	MIDDLE RD	Raritan / Sandy Hook Bay tributaries	Concrete Schute	Stream	585201.9	580267
OFB-8-067	2/28/2019 0:00	8	MONROE AVE	Raritan / Sandy Hook Bay tributaries	None	Stream	593381.2	503753.1
OFB-8-070	2/28/2019 0:00	8	VAN SCHOICK RD		None	Stream		
OFB-8-071	3/5/2019 0:00	8	LLOYD RD		None	Stream		
OFB-8-074	3/7/2019 0:00	8	Florence		None	Stream		
OFB-8-075	3/7/2019 0:00	8	UNION AVE		None			
OFB-8-076	4/11/2019 0:00	8	MIDDLE RD	Raritan / Sandy Hook Bay tributaries				499302
OFB-8-083	3/16/2018 0:00	8	DWIGHT RD	Navesink River / Lower Shrewsbury River	Rip Rap	Stream	593559.5	
OFB-8-084	3/16/2018 0:00	8	DWIGHT RD	Navesink River / Lower Shrewsbury River	Concrete floor	Stream	594717	558570.5
OFB-8-085	3/16/2018 0:00	8	9TH ST	Waackaack Creek	Rip Rap	Creek		
OFB-8-086	4/8/2019 0:00	8	STONE RD	Raritan/Sandy Hook Bay tributaries				
OFB-9-144	1/7/2019 0:00	9	ELTON ADELPHIA RD	Ma	None	Stream		
OFB-9-146	1/9/2019 0:00	9	Perineville rd			Stream		
OFB-9-147	1/9/2019 0:00	9	Perineville rd		Rip Rap	Stream		
OFB-9-148	1/9/2019 0:00	9	Perineville rd		Rip Rap	Stream		
OFB-9-149	1/9/2019 0:00	9	Perineville rd		Rip Rap	Stream		
OFB-9-150	1/10/2019 0:00	9	TENNENT RD		None	Stream		
OFB-9-151	1/10/2019 0:00	9	TENNENT RD		Rip Rap	Stream		
OFB-9-152	1/10/2019 0:00	9	TENNENT RD		None	Stream		
OFB-9-153	1/10/2019 0:00	9	TENNENT RD		None	Stream		
OFB-9-154	1/10/2019 0:00	9	TENNENT RD		None	Stream		
OFB-9-155	1/10/2019 0:00	9	TENNENT RD		None	Stream		
OFB-9-168	1/16/2019 0:00	9	IRON ORE RD		None	Stream		
OFB-9-169	1/16/2019 0:00	9	IRON ORE RD		None	Stream		
OFB-9-170	1/16/2019 0:00	9	IRON ORE RD		None	Stream		
OFB-9-171	1/16/2019 0:00	9	IRON ORE RD		None	Stream		
OFB-9-172	1/16/2019 0:00	9	IRON ORE RD		None	Other		
OFB-9-182	1/29/2019 0:00	9	MILLHURST RD		None	Stream		
OFB-9-183	1/29/2019 0:00	9	MILLHURST RD		None	Stream		
OFB-9-184	1/29/2019 0:00	9	HALLS MILL RD					
OFB-9-185	1/29/2019 0:00	9	HALLS MILL RD					
OFB10-006	2/26/2019 0:00	10	NEWMAN SPRINGS RD	Navesink River / Lower Shrewsbury River	Rip Rap	Stream	572800.9	
OFB10-014	2/25/2019 0:00	10	COUNTY ROAD 520	Raritan R Lower (below Lawrence)	Rip Rap	Other	554004.5	525237.8
OFB10-015	2/25/2019 0:00	10	COUNTY ROAD 520	Raritan R Lower (below Lawrence)	None	Other	553971.9	525220.5
OFB10-019	2/26/2019 0:00	10	COUNTY ROAD 520	Navesink River / Lower Shrewsbury River	Rip Rap	Stream	562528.1	
OFB10-028	2/26/2019 0:00	10	NEWMAN SPRINGS RD	Navesink River / Lower Shrewsbury River	None	Stream	576398.1	550810.2
OFB10-031	2/27/2019 0:00	10	MAIN ST	Navesink River / Lower Shrewsbury River	None	Stream	577154.6	571035.1
OFB10-032	5/9/2019 0:00	10	MAIN ST	Navesink River / Lower Shrewsbury River		Stream	582873.9	534805.3
OFB10-034	2/27/2019 0:00	10	MAIN ST	Navesink River / Lower Shrewsbury River	Concrete floor	Stream	587140.9	

OFB10-072	2/22/2019 0:00	10	PHALANX RD	Navesink River / Lower Shrewsbury River		Other	585209.5	
OFB10-075	2/21/2019 0:00	10	PHALANX RD	Navesink River / Lower Shrewsbury River	None	Stream	593236.6	575448.1
OFB10-078	2/22/2019 0:00	10	SWIMMING RIVER RD	Navesink River / Lower Shrewsbury River	Rip Rap	Other	600040.1	
OFB10-115	1/7/2020 0:00	10	MAIN ST	Navesink River / Lower Shrewsbury River				
OFB10-116	1/8/2020 0:00	10	MAIN ST	Navesink River / Lower Shrewsbury River				531871.1
OFB10-117	1/9/2020 0:00	10	MAIN ST	Navesink River / Lower Shrewsbury River				531905.2
OFB10-120	2/26/2019 0:00	10	COUNTY ROAD 520	Navesink River / Lower Shrewsbury River	None	Stream	562616.1	546407.5
OFB3-009	3/11/2019 0:00	3	COUNTY ROAD 537 E	Navesink River / Lower Shrewsbury River	Rip Rap	Stream	595889.9	
OFB3-013	3/11/2019 0:00	3	TINTON AVE	Navesink River / Lower Shrewsbury River	None	Stream	603459	
OFB3-014	3/11/2019 0:00	3	TINTON AVE	Navesink River / Lower Shrewsbury River	None	Stream	603515.7	
OFB3-045	3/22/2019 0:00	3	SHAFTO RD	Whale Pond Bk / Shark R / Wreck Pond Bk	None	River	597591.9	
OFB3-046	3/22/2019 0:00	3	SHAFTO RD	Whale Pond Bk / Shark R / Wreck Pond Bk	None	River	597521.9	552767.7
OFB3-047	3/19/2019 0:00	3	ASBURY AVE	Whale Pond Bk / Shark R / Wreck Pond Bk	None	Stream	623190.6	507020.4
OFB3-049	3/13/2019 0:00	3	WESTRA ST	Whale Pond Bk / Shark R / Wreck Pond Bk	Rip Rap	Lake	627903.9	
OFB3-050	3/13/2019 0:00	3	MONMOUTH RD	Whale Pond Bk / Shark R / Wreck Pond Bk	Rip Rap	Lake	627879.1	511653.4
OFB3-058	3/14/2019 0:00	3	MONMOUTH RD	Whale Pond Bk / Shark R / Wreck Pond Bk	None	Stream	626954.4	492484.3
OFB3-059	3/14/2019 0:00	3	MONMOUTH RD	Whale Pond Bk / Shark R / Wreck Pond Bk	None	Stream	626949.1	492557.6
OFB3-060	3/14/2019 0:00	3	MONMOUTH RD	Whale Pond Bk / Shark R / Wreck Pond Bk	None	Stream	626920.8	492517.2
OFB4-001	3/14/2019 0:00	4	LAKEWOOD-FARMINGDALE RD	Metedeconk River NB		Stream	579287.5	
OFB4-002	3/14/2019 0:00	4	LAKEWOOD-FARMINGDALE RD	Metedeconk River NB		Stream	579284.7	
OFB4-003	3/14/2019 0:00	4	LAKEWOOD-FARMINGDALE RD	Metedeconk River NB		Stream	580448.9	
OFB4-005	3/14/2019 0:00	4	LAKEWOOD-FARMINGDALE RD	Manasquan River		Stream	586364.8	
OFB4-006	5/9/2019 0:00	4	LAKEWOOD-FARMINGDALE RD	Manasquan River		Stream	587731	
OFB4-007	5/9/2019 0:00	4	ALLAIRE RD	Manasquan River		Stream	589506.6	
OFB4-021	5/9/2019 0:00	4	BROAD ST	Manasquan River		Stream	618543.9	550150
OFB4-022	4/3/2019 0:00	4	BROAD ST	Manasquan River		Stream	618472.9	550122.9
OFB4-023	2/8/2018 0:00	4	1ST AVE	Whale Pond Bk / Shark R / Wreck Pond Bk	None	Pond	623868	475622.1
OFB4-026	2/8/2018 0:00	4	ATLANTIC AVE	Manasquan River	Rip Rap	Lake	597156.1	483272.2
OFB4-028	2/8/2018 0:00	4	ATLANTIC AVE	Manasquan River	None	Pond	601070.3	480918.1
OFB4-029	4/2/2019 0:00	4	ALLAIRE RD	Whale Pond Bk / Shark R / Wreck Pond Bk		Stream	606325.8	547890.1
OFB4-030	2/6/2018 0:00	4	ALLAIRE RD	Whale Pond Bk / Shark R / Wreck Pond Bk	None	Pond	614942	481012.6
OFB4-032	2/6/2018 0:00	4	WARREN AVE	Whale Pond Bk / Shark R / Wreck Pond Bk	None	Pond	620172.7	480801.1
OFB4-036	4/3/2019 0:00	4	18TH AVE	Whale Pond Bk / Shark R / Wreck Pond Bk		Stream	612146.8	548089.5
OFB4-037	5/9/2019 0:00	4	KENT RD	Metedeconk River NB	Rip Rap	River		
OFB4-038	5/9/2019 0:00	4	KENT RD	Metedeconk River NB	Rip Rap	River		
OFB5-006	5/9/2019 0:00	5	ADELPHIA-FARMINGDALE RD	Manasquan River		Stream	567732.1	
OFB5-007	5/9/2019 0:00	5	ADELPHIA-FARMINGDALE RD	Manasquan River		Stream	567743.5	505692.2
OFB5-010	2/19/2018 0:00	5	ADELPHIA RD	Manasquan River	None	Stream	575197.3	498783.6
OFB5-011	5/9/2019 0:00	5	SOUTHARD AVE	Manasquan River		Stream	580485.5	
OFB5-012	5/9/2019 0:00	5	SOUTHARD AVE	Manasquan River		Stream	580522	
OFB5-013	5/9/2019 0:00	5	SOUTHARD AVE	Manasquan River		Stream	580549.8	
OFB5-019	2/12/2018 0:00	5	ASBURY RD	Manasquan River	Rip Rap	Stream	585765.2	535999.1
OFB5-020	2/12/2018 0:00	5	ELTON ADELPHIA RD	Manasquan River		Other	557724.8	
OFB5-024	2/20/2018 0:00	5	W BANGS AVE	Whale Pond Bk / Shark R / Wreck Pond Bk	None	Stream	610690.8	503487.1
OFB5-025	5/7/2019 0:00	5	W BANGS AVE	Whale Pond Bk / Shark R / Wreck Pond Bk		Other	609684	
OFB5-026	5/7/2019 0:00	5	OLD CORLIES AVE	Whale Pond Bk / Shark R / Wreck Pond Bk		Stream	613787	501708.1
OFB5-027	5/7/2019 0:00	5	OLD CORLIES AVE	Whale Pond Bk / Shark R / Wreck Pond Bk		Stream	613864	
OFB5-051	2/14/2018 0:00	5	BELMAR BLVD	Whale Pond Bk / Shark R / Wreck Pond Bk	None	River	619774.9	489523.2
OFB5-052	4/2/2019 0:00	5	BELMAR BLVD	Whale Pond Bk / Shark R / Wreck Pond Bk		River	619535.1	549844.2
OFB5-054	4/2/2019 0:00	5	BELMAR BLVD	Whale Pond Bk / Shark R / Wreck Pond Bk		Other	616357.2	549809.2
OFB5-055	4/2/2019 0:00	5	BELMAR BLVD	Whale Pond Bk / Shark R / Wreck Pond Bk		Other	616331.7	552009.5
OFB5-057	2/15/2018 0:00	5	E END AVE	Whale Pond Bk / Shark R / Wreck Pond Bk	None	River	620761.3	497398
OFB5-065	5/9/2019 0:00	5	BELMAR BLVD	Manasquan River		Stream	586731.5	536038.1
OFB5-067	5/9/2019 0:00	5	BELMAR BLVD	Manasquan River		Stream	586787.7	
OFB6-007	3/19/2019 0:00	6	WYCKOFF RD	Shrewsbury River (above Navesink River)	Concrete floor	Stream	615281.5	565618.9
OFB6-009	3/19/2019 0:00	6	WYCKOFF RD	Shrewsbury River (above Navesink River)	Concrete floor	Stream	615296.5	565557.1
OFB6-013	3/14/2019 0:00	6	OCEANPORT AVE	Shrewsbury River (above Navesink River)	None	Stream	627373.2	565689.9
OFB6-014	3/14/2019 0:00	6	ATLANTIC AVE	Shrewsbury River (above Navesink River)		Other	630469.2	497731.4
OFB6-015	3/14/2019 0:00	6	ATLANTIC AVE	Shrewsbury River (above Navesink River)		Other	630565.3	
OFB6-016	3/14/2019 0:00	6	ATLANTIC AVE	Shrewsbury River (above Navesink River)		Pond	632202.8	
OFB6-017	4/7/2019 0:00	6	ATLANTIC AVE	Shrewsbury River (above Navesink River)		Other	636014.9	498070.4
OFB6-018	4/7/2019 0:00	6	ATLANTIC AVE	Shrewsbury River (above Navesink River)		Other	636001.1	
OFB6-024	4/9/2019 0:00	6	SEVEN BRIDGES RD	Shrewsbury River (above Navesink River)	Rip Rap	Other	623122.6	457557.4
OFB6-025	4/9/2019 0:00	6	SEVEN BRIDGES RD	Shrewsbury River (above Navesink River)		Other	`	
OFB6-027	4/11/2018 0:00	6	SEVEN BRIDGES RD	Shrewsbury River (above Navesink River)	None	Other	621607.6	
OFB6-029	4/11/2018 0:00	6	SEVEN BRIDGES RD	Shrewsbury River (above Navesink River)	None	Other	621551.8	
OFB6-031	5/6/2019 0:00	6	RUMSON RD	Shrewsbury River (above Navesink River)		Stream	631300.9	489607.9
OFB6-034	4/29/2019 0:00	6	CHURCH ST	Shrewsbury River (above Navesink River)		Stream	620493.8	
OFB6-035	4/29/2019 0:00	6	CHURCH ST	Shrewsbury River (above Navesink River)		Stream	620490.5	
OFB6-036	4/29/2019 0:00	6	WILLOW DR	Shrewsbury River (above Navesink River)		Stream	620523.6	497398
OFB6-040	2/9/2018 0:00	6	OCEANPORT AVE	Shrewsbury River (above Navesink River)	None	River	621479.2	542313
OFB6-043	4/11/2018 0:00	6	OCEANPORT AVE	Shrewsbury River (above Navesink River)	Rip Rap	Creek	623379.7	565814.9
OFB6-044	4/11/2018 0:00	6	OCEANPORT AVE	Shrewsbury River (above Navesink River)	Rip Rap	Creek	623370.6	565760.9
OFB6-048	5/6/2019 0:00	6	SHREWSBURY AVE	Shrewsbury River (above Navesink River)		Stream	611464.7	489551.6

OFB6-049	5/6/2019 0:00	6	SHREWSBURY AVE	Shrewsbury River (above Navesink River)		Other	611358.4	489523.2
OFB6-O59	5/6/2019 0:00	6	RUMSON RD	Shrewsbury River (above Navasink River)				489607.7
OFB7-062	2/28/2018 0:00	7	N ROCHDALE AVE	Assunpink Creek (above Shipetaukin Ck)	None	Stream	499626.5	505865.1
OFB9-002	1/9/2019 0:00	9	PERRINEVILLE RD	Millstone River (above Carnegie Lake)	Rip Rap	Stream	499665.1	511109.8
OFB9-003	1/9/2019 0:00	9	PERRINEVILLE RD	Millstone River (above Carnegie Lake)	Rip Rap	Stream	499732.9	511107.5
OFB9-004	1/9/2019 0:00	9	PERRINEVILLE RD	Millstone River (above Carnegie Lake)	None	Stream	508007.3	510402.6
OFB9-005	1/9/2019 0:00	9	PERRINEVILLE RD	Millstone River (above Carnegie Lake)	Rip Rap	Stream	508357.1	508408.1
OFB9-008	1/14/2019 0:00	9	SWEETMANS LN	Millstone River (above Carnegie Lake)	None	River	522875.3	504945
OFB9-009	1/14/2019 0:00	9	SWEETMANS LN	Millstone River (above Carnegie Lake)	None	River	522910.3	504938.9
OFB9-012	1/9/2019 0:00	9	SMITHBURG RD	Manalapan Brook	None	Stream	530848	482497.2
OFB9-017	1/8/2019 0:00	9	ELTON ADELPHIA RD	Manasquan River	None	Other	540303.7	504393.2
OFB9-020	1/8/2019 0:00	9	ELTON ADELPHIA RD	Manasquan River	None	Other	540321.5	504395.1
OFB9-021	1/8/2019 0:00	9	ELTON ADELPHIA RD	Manasquan River	None	Stream	542496.2	554247.1
OFB9-026	1/8/2019 0:00	9	ELTON ADELPHIA RD	Manasquan River	None	Stream	546655.2	553718.9
OFB9-027	1/8/2019 0:00	9	ELTON ADELPHIA RD	Manasquan River	None	Stream	546610.6	
OFB9-028	1/7/2019 0:00	9	ELTON ADELPHIA RD	Manasquan River	None	Stream	548606.3	553714
OFB9-029	1/7/2019 0:00	9	ELTON ADELPHIA RD	Manasquan River	None	Stream	548613.9	553714.1
OFB9-031	1/7/2019 0:00	9	ELTON ADELPHIA RD	Manasquan River	None	Stream	551274.4	555449.1
OFB9-032	1/7/2019 0:00	9	ELTON ADELPHIA RD	Manasquan River	None	Stream	551295.6	555416.6
OFB9-033	1/7/2019 0:00	9	ELTON ADELPHIA RD	Manasquan River	None	Stream	551273.7	
OFB9-034	1/7/2019 0:00	9	ELTON ADELPHIA RD	Manasquan River	None	Stream	551262.2	553037.8
OFB9-035	1/7/2019 0:00	9	ELTON ADELPHIA RD	Manasquan River	None	Stream	553640.7	
OFB9-036	1/7/2019 0:00	9	ELTON ADELPHIA RD	Manasquan River	None	Stream	553618	555451.5
OFB9-043	1/7/2019 0:00	9	JACKSON MILLS RD	Manasquan River	Concrete Schute	Stream	553373.5	498483.6
OFB9-047	2/1/2019 0:00	9	HALLS MILL RD	Manasquan River	None	Stream	562694.6	514356.9
OFB9-048	2/1/2019 0:00	9	HALLS MILL RD	Manasquan River	None	Stream	562844	514434.9
OFB9-052	2/7/2019 0:00	9	W MAIN ST	Manasquan River	Rip Rap	Stream	544128.7	510335.7
OFB9-053	2/7/2019 0:00	9	W MAIN ST	Manasquan River	None	Other	545829.1	511764
OFB9-057	2/6/2019 0:00	9	COLTS NECK RD	Manasquan River	None	Stream	559928.4	549164.7
OFB9-058	2/5/2019 0:00	9	COLTS NECK RD	Navesink River / Lower Shrewsbury River	None	Stream	565916.2	524010.8
OFB9-061	2/5/2019 0:00	9	COUNTY ROAD 537 W	Navesink River / Lower Shrewsbury River	None	Stream	570683.9	525588.8
OFB9-067	2/5/2019 0:00	9	COUNTY ROAD 537 W	Navesink River / Lower Shrewsbury River	None	Stream	574983	527174.5
OFB9-070	2/5/2019 0:00	9	COLTS NECK RD	Navesink River / Lower Shrewsbury River	None	Stream	568678	559586.1
OFB9-079	2/6/2019 0:00	9	COLTS NECK RD	Manasquan River	None	Stream	561358.3	522562.4
OFB9-092	1/15/2019 0:00	9	Woodville Rd	Millstone River (above Carnegie Lake)	None	Stream	521839.7	
OFB9-100	1/16/2019 0:00	9	IRON ORE RD	Manalapan Brook	None	Stream	525376.2	
OFB9-105	1/17/2019 0:00	9	FREEHOLD ENGLISHTOWN RD	Matchaponix Brook	None	Stream	546665.1	523234.8
OFB9-107	1/17/2019 0:00	9	FREEHOLD ENGLISHTOWN RD	Matchaponix Brook	None	Stream	546658.9	
OFB9-121	1/17/2019 0:00	9	TENNENT RD	Matchaponix Brook	None	Stream	540975	529886.9
OFB9-124	1/16/2016 0:00	9	MAIN ST	Matchaponix Brook	None	Stream	537585.4	
OFB9-131	1/15/2019 0:00	9	MAIN ST	Matchaponix Brook	None	River	531559.7	532072.4
OFB9-132	1/15/2019 0:00	9	MAIN ST	Matchaponix Brook	None	River	531565.5	471863.7
OFB9-133	1/15/2019 0:00	9	MAIN ST	Matchaponix Brook	None	Lake	531657.5	
OFB9-134	1/15/2019 0:00	9	MAIN ST	Matchaponix Brook	None	Lake	531548.4	531965
OFB9-135	1/10/2019 0:00	9	MAIN ST	Matchaponix Brook	None	Stream	532013.3	
OFB9-136	1/10/2019 0:00	9	MAIN ST	Matchaponix Brook	None	Stream	532048.2	470145.8
OFF-BFT-001	3/13/2023 15:58				None		-74.0836	40.43104
OFF-BFT-002	3/13/2023 15:58				None		-74.079	40.43371
OFF-BFT-003	3/13/2023 15:58				None		-74.0793	40.43262
OFF-BFT-004	3/13/2023 15:58				None		-74.0817	40.43114
OFF-BFT-005	3/13/2023 15:58				None		-74.0805	40.43182
OFF-EBL-001	10/2/2023 9:30				None			
OFF-FA-001	10/2/2023 9:30				None			
OFF-FA-002	10/2/2023 9:30				None			
OFF-FA-003	10/2/2023 9:30				None			
OFF-FA-004	10/2/2023 9:30				None			
OFF-PROS-001	10/2/2023 9:30				Rip Rap			
OFF-PROS-002	10/2/2023 9:30				Rip Rap			
OFF-PWC-001	10/2/2023 9:30				None			
OFF-PWC-002	10/2/2023 9:30				Rip Rap			
OFF-PWC-003	10/2/2023 9:30				Rip Rap			
OFF-PWC-004	10/2/2023 9:30				Rip Rap			
OFF-PWC-005	10/2/2023 9:30				Rip Rap			
OFF-PWC-006	10/2/2023 9:30				Rip Rap			
OFF-PWC-007	10/2/2023 9:30				Rip Rap			
OFF-WBL-001	3/13/2023 15:55				Rip Rap		-74.305	40.29508
OFF-WBL-002	3/13/2023 15:55				None		-74.3042	40.29414
OFH-1-001	1/31/2018 0:00	1	CHERRY TREE FARM RD	Raritan / Sandy Hook Bay tributaries		Stream	595523.9	575535.8
OFH-1-003	1/31/2018 0:00	1	LEONARDVILLE RD	Raritan / Sandy Hook Bay tributaries		Stream	610661.5	576186.1
OFH-1-004	1/31/2018 0:00	1	LEONARDVILLE RD	Raritan / Sandy Hook Bay tributaries			614004.4	575799.6
OFH-1-009	1/31/2018 0:00	1	LOCUST POINT RD	Navesink River / Lower Shrewsbury River		Stream	626205.1	566979.8
OFH-1-021	1/31/2018 0:00	1	W RIVER RD	Navesink River / Lower Shrewsbury River		River	627526.2	562346.3
OFH-1-025	2/2/2018 0:00	1	SHREWSBURY AVE	Navesink River / Lower Shrewsbury River		River	609887.1	552227.4
OFH-1-030	1/31/2018 0:00	1	NUTSWAMP RD	Navesink River / Lower Shrewsbury River		Stream	606692.4	555136.1

OFH-1-037	1/13/2018 0:00	1	MIDDLETOWN LINCROFT RD	Navesink River / Lower Shrewsbury River		Stream	596034.2	552369.3
OFH-1-038	1/31/2018 0:00	1	MIDDLETOWN LINCROFT RD	Navesink River / Lower Shrewsbury River		Other	595731.1	552816.5
OFH-1-040	1/31/2018 0:00	1	NUTSWAMP RD	Navesink River / Lower Shrewsbury River		Other	600137.7	557345.8
OFH-1-041	1/31/2018 0:00	1	NUTSWAMP RD	Navesink River / Lower Shrewsbury River		Other	600156.8	557449
OFH-1-045	1/31/2018 0:00	1	CHURCH ST	Raritan / Sandy Hook Bay tributaries	Rip Rap Pit	Stream	598773.6	567606.2
OFH-1-047	1/31/2018 0:00	1	NEW MONMOUTH RD	Raritan / Sandy Hook Bay tributaries		Stream	600684.3	574052.9
OFH-1-048	2/1/2018 0:00	1	MIDDLETOWN LINCROFT RD		Rip Rap	Pond		
OFH-1-049	2/1/2018 0:00	1	Kings Highway		Gabion Basket	Other		
OFH-10-004	2/25/2019 0:00	10	COUNTY ROAD 520	Raritan R Lower (below Lawrence)		Other	548814.7	552750.2
OFH-10-005	2/25/2019 0:00	10	COUNTY ROAD 520	Raritan R Lower (below Lawrence)		Stream	549398.5	552627.6
OFH-10-006	2/19/2019 0:00	10	COUNTY ROAD 520	Raritan R Lower (below Lawrence)		Other	551557.4	551909.1
OFH-10-007	2/19/2019 0:00	10	TENNENT RD	Raritan R Lower (below Lawrence)		Other	551686.3	551778
OFH-10-009	2/19/2019 0:00	10	TENNENT RD	Raritan R Lower (below Lawrence)		Other	551944.5	552068.2
OFH-10-010	2/19/2019 0:00	10	TENNENT RD	Raritan R Lower (below Lawrence)		Other	552352.9	552611.5
OFH-10-011	2/19/2019 0:00	10	COUNTY ROAD 520	Raritan R Lower (below Lawrence)		Other	551988.6	551677.7
OFH-10-013	2/19/2019 0:00	10	COUNTY ROAD 520	Raritan R Lower (below Lawrence)		Other	552217.5	551555.7
OFH-10-016	2/26/2019 0:00	10	COUNTY ROAD 520	Raritan R Lower (below Lawrence)	Rip Rap	Stream	556186.8	548278.5
OFH-10-021	2/26/2019 0:00	10	COUNTY ROAD 520 E	Navesink River / Lower Shrewsbury River		Other	564262.5	546723.4
OFH-10-022	2/26/2019 0:00	10	COUNTY ROAD 520 E	Navesink River / Lower Shrewsbury River		Other	564295.1	546713.9
OFH-10-025	2/26/2019 0:00	10	COUNTY ROAD 520 E	Navesink River / Lower Shrewsbury River	Rip Rap	Stream	571028.3	549766.2
OFH-10-029	2/26/2019 0:00	10	NEWMAN SPRINGS RD	Navesink River / Lower Shrewsbury River		Stream	576886.1	550844.7
OFH-10-030	2/26/2019 0:00	10	NEWMAN SPRINGS RD	Navesink River / Lower Shrewsbury River		Stream	576879.9	550844.6
OFH-10-039	2/27/2019 0:00	10	NEWMAN SPRINGS RD	Navesink River / Lower Shrewsbury River	Corrigater floor	Other	606414.3	547660.7
OFH-10-040	2/27/2019 0:00	10	NEWMAN SPRINGS RD	Navesink River / Lower Shrewsbury River	Concrete floor	Other	609112	547975.3
OFH-10-044	2/8/2019 0:00	10	DUTCH LANE RD	Navesink River / Lower Shrewsbury River	Rip Rap	Other	560285.4	525641.5
OFH-10-045	2/8/2019 0:00	10	DUTCH LANE RD	Navesink River / Lower Shrewsbury River	Rip Rap	Other	560376.3	525631
OFH-10-046	2/8/2019 0:00	10	DUTCH LANE RD	Navesink River / Lower Shrewsbury River	Rip Rap	Stream	561070.2	526981.3
OFH-10-047	2/4/2019 0:00	10	KOZLOSKI RD	Matchaponix Brook	Rip Rap	Stream	559478.7	528886
OFH-10-049	2/4/2019 0:00	10	KOZLOSKI RD	Matchaponix Brook	Concrete swale	Stream	559792.4	528818.7
OFH-10-050	2/4/2019 0:00	10	KOZLOSKI RD	Matchaponix Brook		Stream	560953.1	528149.5
OFH-10-051	2/4/2019 0:00	10	KOZLOSKI RD	Matchaponix Brook		Stream	561046.1	528099.2
OFH-10-058	2/8/2019 0:00	10	DUTCH LANE RD	Navesink River / Lower Shrewsbury River	Rip Rap	Other	563714.4	531475.5
OFH-10-059	2/8/2019 0:00	10	DUTCH LANE RD	Navesink River / Lower Shrewsbury River	Concrete swale	Other	564144.8	533005.5
OFH-10-061	2/8/2019 0:00	10	DUTCH LANE RD	Navesink River / Lower Shrewsbury River		Stream	564636.7	533889.9
OFH-10-062	2/8/2019 0:00	10	DUTCH LANE RD	Navesink River / Lower Shrewsbury River		Stream	564868.8	534014.7
OFH-10-063	2/8/2019 0:00	10	DUTCH LANE RD	Navesink River / Lower Shrewsbury River		Other	565882	534399.8
OFH-10-064	2/8/2019 0:00	10	DUTCH LANE RD	Navesink River / Lower Shrewsbury River	Rip Rap	Stream	567194.4	534637.7
OFH-10-066	2/8/2019 0:00	10	DUTCH LANE RD	Navesink River / Lower Shrewsbury River		Stream	568107.4	534831
OFH-10-068	2/8/2019 0:00	10	DUTCH LANE RD	Navesink River / Lower Shrewsbury River	Rip Rap	Stream	568952.5	534641.9
OFH-10-069	2/8/2019 0:00	10	DUTCH LANE RD	Navesink River / Lower Shrewsbury River		Other	571913.7	535597.2
OFH-10-070	2/13/2019 0:00	10	CRINE RD	Navesink River / Lower Shrewsbury River		Stream	572545.6	538601.3
OFH-10-074	2/21/2019 0:00	10	PHALANX RD	Navesink River / Lower Shrewsbury River		Stream	592387.2	539793.3
OFH-10-080	2/22/2019 0:00	10	SWIMMING RIVER RD	Navesink River / Lower Shrewsbury River		Other	599885.1	542070.3
OFH-10-081	2/21/2019 0:00	10	EVERETT RD	Navesink River / Lower Shrewsbury River		Lake	590279.3	555438.9
OFH-10-082	2/21/2019 0:00	10	EVERETT RD	Navesink River / Lower Shrewsbury River		Other	590309.8	555484.8
OFH-10-085	3/16/2018 0:00	8	DWIGHT RD	Navesink River / Lower Shrewsbury River	Concrete floor	Stream	595825.7	558645.7
OFH-10-086	3/16/2018 0:00	8	DWIGHT RD	Navesink River / Lower Shrewsbury River		Other	591728.2	561030
OFH-10-087	3/16/2018 0:00	8	DWIGHT RD	Navesink River / Lower Shrewsbury River	Gabion Basket	Other	591505.1	561575.8
OFH-10-088	2/21/2019 0:00	10	RED HILL RD	Navesink River / Lower Shrewsbury River		Stream	590871.1	561839.9
OFH-10-089	2/14/2019 0:00	10	HOLMDEL RD	Navesink River / Lower Shrewsbury River	Rip Rap	Stream	577960.9	562105.3
OFH-10-093	2/15/2019 0:00	10	HOLMDEL RD	Navesink River / Lower Shrewsbury River	Rip Rap	Stream	578994.9	566367.1
OFH-10-094	2/15/2019 0:00	10	HOLMDEL RD	Raritan / Sandy Hook Bay tributaries	Rip Rap	Stream	579006.8	569356.7
OFH-10-096	2/13/2019 0:00	10	CONOVER RD			Stream		
OFH-10-098	2/14/2019 0:00	10	HOLMDEL RD			Other		
OFH-10-099	2/14/2019 0:00	10	HOLMDEL RD			Pond		
OFH-10-100	2/15/2019 0:00	10	TENNENT RD			Stream		
OFH-10-101	2/15/2019 0:00	10	TENNENT RD			Other		
OFH-10-102	2/15/2019 0:00	10	TENNENT RD			Other		
OFH-10-103	2/19/2019 0:00	10	TENNENT RD			Other		
OFH-10-106	2/21/2019 0:00	10	Crowford CR Everett		Rip Rap	Pond		
OFH-10-107	2/21/2019 0:00	10	PHALANX RD			Lake		
OFH-10-108	2/22/2019 0:00	10	SWIMMING RIVER RD			Stream		
OFH-10-109	2/22/2019 0:00	10	SWIMMING RIVER RD			Stream		
OFH-10-110	2/22/2019 0:00	10	NEWMAN SPRINGS RD		Rip Rap	Other		
OFH-10-114	2/26/2019 0:00	10	NEWMAN SPRINGS RD			Other		
OFH-3-010	3/11/2019 0:00	3	COUNTY ROAD 537 E	Navesink River / Lower Shrewsbury River		Other	596823.6	534897
OFH-3-012	3/11/2019 0:00	3	TINTON AVE	Navesink River / Lower Shrewsbury River		Other	601645.4	537021.4
OFH-3-015	3/11/2019 0:00	3	TINTON AVE	Navesink River / Lower Shrewsbury River		Other	605168.6	534202.4
OFH-3-020	3/11/2019 0:00	3	WAYSIDE RD	Navesink River / Lower Shrewsbury River	Grouted RIP Rap	Other	604894.2	530061.3
OFH-3-027	3/11/2019 0:00	3	WAYSIDE RD	Whale Pond Bk / Shark R / Wreck Pond Bk		Other	610155.1	522950.7
OFH-3-030	3/19/2019 0:00	3	ASBURY AVE	Whale Pond Bk / Shark R / Wreck Pond Bk		Stream	601446	516677.5
OFH-3-032	3/19/2019 0:00	3	ASBURY AVE	Whale Pond Bk / Shark R / Wreck Pond Bk		Stream	601822.2	516457.3
OFH-3-033	3/19/2019 0:00	3	ASBURY AVE	Whale Pond Bk / Shark R / Wreck Pond Bk		Other	603025.1	515608.6
OFH-3-034	3/19/2019 0:00	3	ASBURY AVE	Whale Pond Bk / Shark R / Wreck Pond Bk		Other	603203.1	515485.2

OFH-3-035	3/26/2019 0:00	3	ASBURY AVE	Whale Pond Bk / Shark R / Wreck Pond Bk	Gabion Basket	Other	605458.3	513822
OFH-3-036	3/26/2019 0:00	3	ASBURY AVE	Whale Pond Bk / Shark R / Wreck Pond Bk	Gabion Basket	Other	605491.1	513868.7
OFH-3-040	3/22/2019 0:00	3	SHAFTO RD	Whale Pond Bk / Shark R / Wreck Pond Bk		Other	602525.9	513120.2
OFH-3-041	3/22/2019 0:00	3	SHAFTO RD	Whale Pond Bk / Shark R / Wreck Pond Bk		Other	601109.5	510762.2
OFH-3-042	3/22/2019 0:00	3	SHAFTO RD	Whale Pond Bk / Shark R / Wreck Pond Bk		Other	600216.1	509377
OFH-3-055	3/13/2019 0:00	3	MONMOUTH RD	Whale Pond Bk / Shark R / Wreck Pond Bk	Gabion Basket	Stream	627890.1	513813
OFH-3-056	3/13/2019 0:00	3	MONMOUTH RD	Whale Pond Bk / Shark R / Wreck Pond Bk	Gabion Basket	Lake	627874.8	514105.2
OFH-3-057	3/13/2019 0:00	3	MONMOUTH RD	Whale Pond Bk / Shark R / Wreck Pond Bk	Gabion Basket	Other	627803.5	514087.8
OFH-3-062	3/14/2019 0:00	3	WALL ST	Shrewsbury River (above Navesink River)		Other	626152.3	529435.8
OFH-3-066	3/11/2019 0:00	3	HOPE RD	Shrewsbury River (above Navesink River)		Other	609639.6	532479.5
OFH-3-067	3/11/2019 0:00	3	HOPE RD	Shrewsbury River (above Navesink River)		Other	609589.6	532939.1
OFH-3-068	3/11/2019 0:00	3	HOPE RD	Shrewsbury River (above Navesink River)		Other	609584.4	533186.1
OFH-3-069	3/11/2019 0:00	3	HOPE RD	Shrewsbury River (above Navesink River)		Other	609608.1	533826.2
OFH-3-071	3/11/2019 0:00	3	HOPE RD			Stream		
OFH-3-073	3/11/2019 0:00	3	WAYSIDE RD			Other		
OFH-3-074	3/11/2019 0:00	3	WAYSIDE RD			Other		
OFH-3-081	3/14/2019 0:00	3	WALL ST	Whale Pond		Other		
OFH-3-082	3/19/2019 0:00	3	West Park Ave	Whale Pond		Stream		
OFH-3-083	3/19/2019 0:00	3	HOPE RD	Whale Pond		Other		
OFH-3-084	3/19/2019 0:00	3	ASBURY AVE			Other		
OFH-3-085	3/19/2019 0:00	3	SHAFTO RD			Other		
OFH-3-086	3/22/2019 0:00	3	SHAFTO RD	Whale Pond		Other		
OFH-3-087	3/26/2019 0:00	3	ASBURY AVE	Whale Pond		Other		
OFH-3-088	3/26/2019 0:00	3	ASBURY AVE			Other		
OFH-3-089	3/26/2019 0:00	3	ASBURY AVE			Stream		
OFH-3-091	3/26/2019 0:00	3	ASBURY AVE			Other		
OFH-3-092	3/26/2019 0:00	3	ASBURY AVE		Gabion Basket	Other		
OFH-3-093	3/26/2019 0:00	3	ASBURY AVE			Other		
OFH-3-094	3/26/2019 0:00	3	West Park Ave			Other		
OFH-3-095	3/26/2019 0:00	3	West Park Ave		Concrete swale	Other		
OFH-4-004	2/8/2018 0:00	4	LAKEWOOD-FARMINGDALE RD	Manasquan River	Rip Rap	Other	584141.9	477312.7
OFH-4-008	2/9/2018 0:00	4	OLD TAVERN RD	Manasquan River	Rip Rap	Other	580647.5	487706.5
OFH-4-010	2/9/2018 0:00	4	OLD TAVERN RD	Manasquan River		Other	585751.8	484368.1
OFH-4-011	2/9/2018 0:00	4	HERBERTSVILLE RD	Manasquan River		Stream	589823.2	479154
OFH-4-012	2/9/2018 0:00	4	HERBERTSVILLE RD	Manasquan River		Other	590054.8	478432.8
OFH-4-013	2/9/2018 0:00	4	HERBERTSVILLE RD	Manasquan River		Other	591412.2	477226
OFH-4-014	2/9/2018 0:00	4	SQUANKUM ALLENWOOD RD	Manasquan River	Rip Rap	Other	596834.7	474151.2
OFH-4-015	2/9/2018 0:00	4	ALLENWOOD-LAKEWOOD RD	Manasquan River		Stream	601714.7	475960.6
OFH-4-016	2/9/2018 0:00	4	ATLANTIC AVE	Whale Pond Bk / Shark R / Wreck Pond Bk		Other	607802.5	475739.2
OFH-4-018	2/8/2018 0:00	4	OLD BRIDGE RD	Manasquan River		Pond	611456.2	464646.4
OFH-4-019	2/8/2018 0:00	4	BROAD ST	Manasquan River		Other	618196.5	471195.4
OFH-4-024	2/8/2018 0:00	4	BROWN AVE	Whale Pond Bk / Shark R / Wreck Pond Bk	Rip Rap	Pond	624225.7	475954.6
OFH-4-025	2/8/2018 0:00	4	BROWN AVE	Whale Pond Bk / Shark R / Wreck Pond Bk	Rip Rap	Pond	624471.4	475886.2
OFH-4-027	2/8/2018 0:00	4	W 18TH AVE	Manasquan River	Rip Rap	Other	598659.9	482554.1
OFH-4-031	2/6/2018 0:00	4	WARREN AVE	Whale Pond Bk / Shark R / Wreck Pond Bk	Rip Rap	Stream	619218	480798.7
OFH-4-038	2/6/2018 0:00	4	18TH AVE	Whale Pond Bk / Shark R / Wreck Pond Bk		Pond	609120	484930.3
OFH-4-039	2/6/2018 0:00	4	18TH AVE	Whale Pond Bk / Shark R / Wreck Pond Bk		Pond	607117	484371.9
OFH-4-040	2/9/2018 0:00	4	ATLANTIC AVE	Manasquan River	Rip Rap	Other		
OFH-4-041	2/9/2018 0:00	4	SQUANKUM RD	Manasquan River		Other		
OFH-4-042	2/9/2018 0:00	4	SQUANKUM RD	Manasquan River		Other		
OFH-4-043	2/9/2018 0:00	4	HERBERTSVILLE RD	Manasquan River	Rip Rap	Other		
OFH-4-044	2/9/2018 0:00	4	OLD TAVERN RD	Manasquan River		Other		
OFH-4-045	2/28/2019 0:00	4	Washinghton Blvd	Manasquan River	Rip Rap	Other		
OFH-4-046	2/12/2018 0:00	4	HERBERTSVILLE RD					
OFH-4-047	2/12/2018 0:00	4	ALLENWOOD RD					
OFH-4-048	2/12/2018 0:00	4	ALLENWOOD RD					
OFH-5-001	2/12/2018 0:00	5	ELTON ADELPHIA RD	Manasquan River		Other	557276.5	505691.2
OFH-5-002	2/12/2018 0:00	5	ADELPHIA-FARMINGDALE RD	Manasquan River		Stream	565337.5	502619.8
OFH-5-004	2/12/2018 0:00	5	ADELPHIA-FARMINGDALE RD	Manasquan River		Other	565992.3	502458.7
OFH-5-005	2/12/2018 0:00	5	ADELPHIA-FARMINGDALE RD	Manasquan River		Other	566078.2	502424.8
OFH-5-008	2/12/2018 0:00	5	ADELPHIA-FARMINGDALE RD	Manasquan River		Other	571756.9	500263.1
OFH-5-009	2/12/2018 0:00	5	ADELPHIA RD	Manasquan River	Rip Rap	River	573654.5	499595.8
OFH-5-015	2/12/2018 0:00	5	ASBURY RD	Manasquan River		Stream	585280.2	497494.9
OFH-5-017	2/12/2018 0:00	5	ASBURY RD	Manasquan River		Stream	585605.3	497883.4
OFH-5-021	2/12/2018 0:00	5	ASBURY RD	Manasquan River		Other	590017.4	504191.5
OFH-5-033	2/20/2018 0:00	5	W BANGS AVE	Whale Pond Bk / Shark R / Wreck Pond Bk	Rip Rap	Other	621309.8	505005.2
OFH-5-037	2/14/2018 0:00	5	LAKE TER	Whale Pond Bk / Shark R / Wreck Pond Bk		Lake	628663	500660.8
OFH-5-038	2/14/2018 0:00	5	LAKE TER	Whale Pond Bk / Shark R / Wreck Pond Bk	Rip Rap	Lake	628930.8	500603
OFH-5-039	2/14/2018 0:00	5	LAKE TER	Whale Pond Bk / Shark R / Wreck Pond Bk		Lake	629121.8	500582.8
OFH-5-040	2/14/2018 0:00	5	LAKE TER	Whale Pond Bk / Shark R / Wreck Pond Bk		Lake	629619.6	500682.5
OFH-5-041	2/14/2018 0:00	5	LAKE TER	Whale Pond Bk / Shark R / Wreck Pond Bk		Lake	629850.7	500812.2
OFH-5-042	2/14/2018 0:00	5	LAKE TER	Whale Pond Bk / Shark R / Wreck Pond Bk	Rip Rap	Lake	630284.6	501156.7
OFH-5-043	2/14/2018 0:00	5	OCEAN AVE	Whale Pond Bk / Shark R / Wreck Pond Bk		Lake	629131	496565.9
OFH-5-044	2/14/2018 0:00	5	OCEAN AVE	Whale Pond Bk / Shark R / Wreck Pond Bk		Lake	629133.6	496528.2

OFH-5-045	2/14/2018 0:00	5 OCEAN AVE	Whale Pond Bk / Shark R / Wreck Pond Bk		Other	629259.5	495592.3
OFH-5-046	2/14/2018 0:00	5 OCEAN AVE	Whale Pond Bk / Shark R / Wreck Pond Bk		Other	629096.1	494733.4
OFH-5-047	2/14/2018 0:00	5 OCEAN AVE	Whale Pond Bk / Shark R / Wreck Pond Bk		Other	629007.4	493195.6
OFH-5-048	2/14/2018 0:00	5 OCEAN AVE	Whale Pond Bk / Shark R / Wreck Pond Bk		Other	629016.6	493160.6
OFH-5-058	2/15/2018 0:00	5 E END AVE	Whale Pond Bk / Shark R / Wreck Pond Bk		River	620568.8	497191.1
OFH-5-059	2/15/2018 0:00	5 E END AVE	Whale Pond Bk / Shark R / Wreck Pond Bk		River	620566	497188.1
OFH-5-060	2/15/2018 0:00	5 E END AVE	Whale Pond Bk / Shark R / Wreck Pond Bk		River	620570.5	497128.7
OFH-5-061	2/15/2018 0:00	5 E END AVE	Whale Pond Bk / Shark R / Wreck Pond Bk		River	620338.2	497104.1
OFH-5-062	2/15/2018 0:00	5 E END AVE	Whale Pond Bk / Shark R / Wreck Pond Bk		River	620354.7	497059.3
OFH-5-064	2/13/2018 0:00	5 BELMAR BLVD	Manasquan River		Other	596591.7	498057.9
OFH-5-068	2/13/2018 0:00	5 COLTS NECK RD	Manasquan River		Stream	584262.5	502220.2
OFH-5-069	2/13/2020 0:00	5 COLTS NECK RD	Manasquan River		Stream	584207.1	505227.2
OFH-5-071	2/12/2018 0:00	5 ASBURY RD	Shark River Tributary	Rip Rap	Stream		
OFH-5-072	2/12/2018 0:00	5 ASBURY RD	Shark River Tributary		Other		
OFH-5-073	2/13/2018 0:00	5 SQUANKUM YELLOWBROOK RD	Manasquan River		Other		
OFH-5-074	3/27/2019 0:00	5 SQUANKUM YELLOWBROOK RD	Manasquan River		Other		
OFH-5-075	2/14/2018 0:00	5 BELMAR BLVD	Shark River		Other		
OFH-5-076	2/14/2018 0:00	5 16TH AVE	Shark River	Rip Rap	Other		
OFH-5-077	2/14/2018 0:00	5 16TH AVE	Shark River	Rip Rap	Other		
OFH-5-078	2/14/2018 0:00	5 OCEAN AVE			Other		
OFH-5-079	2/14/2018 0:00	5 Brinely Ave	Shark River	Rip Rap	Other		
OFH-5-080	3/27/2019 0:00	5 SQUANKUM YELLOWBROOK RD	Manasquan River		Other		
OFH-6-004	3/19/2019 0:00	6 HOPE RD	Shrewsbury River (above Navesink River)		Other	611222.5	525480.9
OFH-6-005	3/19/2019 0:00	6 WYCKOFF RD	Shrewsbury River (above Navesink River)		Other	612105.9	526805.7
OFH-6-020	2/9/2018 0:00	6 MONMOUTH BLVD	Shrewsbury River (above Navesink River)	Rip Rap	Other	628607.5	542736.6
OFH-6-021	2/9/2018 0:00	6 BRANCHPORT AVE	Shrewsbury River (above Navesink River)		Stream	628975	540765.4
OFH-6-023	2/9/2018 0:00	6 SEVEN BRIDGES RD	Shrewsbury River (above Navesink River)		River	625530.4	544547.4
OFH-6-032	2/2/2018 0:00	6 RIDGE RD	Shrewsbury River (above Navesink River)	Rip Rap	Other	627253.6	557384.2
OFH-6-038	2/9/2018 0:00	6 OCEANPORT AVE	Shrewsbury River (above Navesink River)	Concrete swale	Other		543837.6
OFH-6-039	2/9/2018 0:00	6 OCEANPORT AVE	Shrewsbury River (above Navesink River)		River	621204.1	542730
OFH-6-046	2/9/2018 0:00	6 SYCAMORE AVE	Shrewsbury River (above Navesink River)		Stream	612058.7	542507.9
OFH-6-050	2/9/2018 0:00	6 SYCAMORE AVE	Navesink River / Lower Shrewsbury River		Other	608229.6	541910.4
OFH-6-053	2/9/2018 0:00	6 SEVEN BRIDGES RD	Shrewsbury River		Creek		
OFH-7-006	2/21/2018 0:00	7 HOLMES MILL RD	Crosswicks Ck (Doctors Ck to New Egypt)		Stream	482400.6	459599
OFH-7-009	3/15/2018 0:00	7 Trenton-Forked River Rd	Crosswicks Ck (Doctors Ck to New Egypt)		Stream	490053.7	462715.1
OFH-7-012	3/15/2018 0:00	7 Trenton-Forked River Rd	Crosswicks Ck (Doctors Ck to New Egypt)		Stream	489235.7	464126.8
OFH-7-023	3/15/2018 0:00	7 Allentown-Hornerstown Rd	Crosswicks Ck (Doctors Ck to New Egypt)		Pond	481862.3	478007.9
OFH-7-026	3/15/2018 0:00	7 ALLENTOWN-DAVIS STATION RD	Crosswicks Ck (Doctors Ck to New Egypt)		Other	473766.4	483450.2
OFH-7-027	3/1/2018 0:00	7 YORK RD	Doctors Creek		Other	465250.9	487853.2
OFH-7-028	3/1/2018 0:00	7 YORK RD	Doctors Creek		Other	465252.2	487856.1
OFH-7-031	3/1/2018 0:00	7 S. Main St	Doctors Creek		Stream	468053.5	489054.1
OFH-7-032	3/14/2018 0:00	7 WAKER ST	Doctors Creek		Stream	469268	489650.2
OFH-7-035	3/14/2018 0:00	7 ALLENTOWN RED VALLEY RD	Doctors Creek		Stream	479603.3	487527
OFH-7-037	3/14/2018 0:00	7 ALLENTOWN RED VALLEY RD	Doctors Creek		Stream	483101.2	486785.5
OFH-7-043	3/12/2018 0:00	7 TRENTON LAKEWOOD RD	Crosswicks Ck (Doctors Ck to New Egypt)		Stream	509402.9	487806.8
OFH-7-045	2/20/2018 0:00	7 COUNTY ROAD 537	Toms River (above Oak Ridge Parkway)	Rip Rap	Other	513927.8	483877.3
OFH-7-046	2/20/2018 0:00	7 COUNTY ROAD 537	Crosswicks Ck (Doctors Ck to New Egypt)		Other	512873.3	482967.9
OFH-7-047	2/28/2018 0:00	7 TRENTON LAKEWOOD RD	Crosswicks Ck (Doctors Ck to New Egypt)		Other	513993.2	487571.3
OFH-7-048	2/28/2018 0:00	7 MILLSTONE RD	Crosswicks Ck (Doctors Ck to New Egypt)		Other	512272.3	490622.4
OFH-7-049	2/28/2018 0:00	7 MILLSTONE RD	Doctors Creek		Stream	511564.6	493240.1
OFH-7-050	2/27/2018 0:00	7 STAGECOACH RD	Millstone River (above Carnegie Lake)		Other	521333.4	498044.4
OFH-7-051	2/27/2018 0:00	7 STAGECOACH RD	Manalapan Brook		Other	528053.5	498985.2
OFH-7-054	2/27/2018 0:00	7 MONMOUTH RD	Metedeconk River NB	Rip Rap	Stream	528853	497439.3
OFH-7-057	2/28/2018 0:00	7 RISING SUN TAVERN RD	Assunpink Creek (above Shipetaukin Ck)		Other	506211.2	496310.2
OFH-7-058	2/28/2018 0:00	7 RISING SUN TAVERN RD	Assunpink Creek (above Shipetaukin Ck)		Other	506211.1	496316.5
OFH-7-059	2/28/2018 0:00	7 RISING SUN TAVERN RD	Assunpink Creek (above Shipetaukin Ck)		Other	503852.5	500109.3
OFH-7-060	2/28/2018 0:00	7 CLARKSBURG RD	Assunpink Creek (above Shipetaukin Ck)		Stream	501482.1	501427.9
OFH-7-063	2/28/2018 0:00	7 STAGECOACH RD	Doctors Creek		Other	505971.3	494633.9
OFH-7-064	2/28/2018 0:00	7 STAGECOACH RD	Assunpink Creek (above Shipetaukin Ck)		Other	502110.8	493837.3
OFH-7-065	2/28/2018 0:00	7 NEW CANTON-STONE TAVERN RD	Assunpink Creek (above Shipetaukin Ck)	Rip Rap	Other	496344.4	493776.5
OFH-7-066	3/1/2018 0:00	7 NEW CANTON-STONE TAVERN RD	Assunpink Creek (above Shipetaukin Ck)		Other	487287.1	491283.2
OFH-7-067	3/1/2018 0:00	7 NEW CANTON-STONE TAVERN RD	Doctors Creek		Other	482549.6	491534
OFH-7-068	3/1/2018 0:00	7 NEW CANTON-STONE TAVERN RD	Doctors Creek		Other	482288.5	491558.8
OFH-7-069	3/1/2018 0:00	7 NEW CANTON-STONE TAVERN RD	Doctors Creek	Rip Rap	Other	476229.9	492461.5
OFH-7-070	3/1/2018 0:00	7 OLD YORK RD	Doctors Creek		Pond	474120.3	493745.1
OFH-7-075	2/27/2018 0:00	7 STAGECOACH RD	Manalpan Brook Tributary		Stream		
OFH-7-076	2/27/2018 0:00	7 STAGECOACH RD	Toms River Tributary	Yes	Other		
OFH-7-080	2/28/2018 0:00	7 Roachdale Ave			Other		
OFH-7-081	2/28/2018 0:00	7 STAGECOACH RD	Assupink Creek		Other		
OFH-7-082	2/28/2018 0:00	7 Stone Tavern-NC	Buckhole Creek Tributary	Rip Rap	Other		
OFH-7-083	2/28/2018 0:00	7 Stone Tavern-NC			Other		
OFH-7-086	3/1/2018 0:00	7 New Canton St	Negro Run		Stream		
OFH-7-090	3/6/2018 0:00	7 MONMOUTH RD			Other		
OFH-7-091	3/6/2018 0:00	7 MONMOUTH RD			Other		

OFH-7-092	3/12/2018 0:00	7	TRENTON LAKEWOOD RD	Doctors Creek		Pond		
OFH-7-093	3/12/2018 0:00	7	TRENTON LAKEWOOD RD	Doctors Creek		Other		
OFH-7-094	3/12/2018 0:00	7	TRENTON LAKEWOOD RD			Other		
OFH-7-096	3/14/2018 0:00	7	TRENTON LAKEWOOD RD			Other		
OFH-7-099	3/12/2018 0:00	7	TRENTON LAKEWOOD RD			Other		
OFH-7-100	3/14/2018 0:00	7	TRENTON LAKEWOOD RD			Other		
OFH-7-101	3/14/2018 0:00	7	TRENTON LAKEWOOD RD			Other		
OFH-7-102	3/14/2018 0:00	7	TRENTON LAKEWOOD RD			Other		
OFH-7-103	3/15/2018 0:00	7	Allentown Davis Station Rd	Doctors Creek	Rip Rap	Other		
OFH-7-104	3/15/2018 0:00	7	Allentown Davis Station Rd		Rip Rap	Other		
OFH-7-105	3/15/2018 0:00	7	Allentown Davis Station Rd	Pleasnt Run		Other		
OFH-7-106	3/15/2018 0:00	7	SHARON STATION RD	Doctors Creek		Stream		
OFH-7-108	3/15/2018 0:00	7		Crosswicks Creek		Stream		
OFH-7-110	2/7/2019 0:00	7	STAGECOACH RD		Rip Rap	Other		
OFH-8-002	3/7/2019 0:00	8	FLORENCE AVE	Raritan / Sandy Hook Bay tributaries		Other	580817.5	586684.5
OFH-8-010	3/5/2019 0:00	8	CROSS RD	Raritan / Sandy Hook Bay tributaries		Stream	562840.7	581284.1
OFH-8-011	3/5/2019 0:00	8	RAVINE DR	Raritan / Sandy Hook Bay tributaries		Lake	565422.9	576437.8
OFH-8-012	3/5/2019 0:00	8	RAVINE DR	Raritan / Sandy Hook Bay tributaries		Lake	566297.1	576470.7
OFH-8-015	3/5/2019 0:00	8	BROAD ST	Raritan / Sandy Hook Bay tributaries		Stream	566320.9	574085.7
OFH-8-016	3/5/2019 0:00	8	NEW BRUNSWICK AVE	Raritan / Sandy Hook Bay tributaries		Lake	562312.3	573417
OFH-8-018	3/5/2019 0:00	8	LLOYD RD	Raritan / Sandy Hook Bay tributaries		Stream	571324.8	575274.6
OFH-8-019	3/5/2019 0:00	8	LLOYD RD	Raritan / Sandy Hook Bay tributaries		Stream	571022.6	572478.1
OFH-8-024	3/5/2019 0:00	8	LLOYD RD	Raritan / Sandy Hook Bay tributaries		Lake	565742	566007.9
OFH-8-025	2/21/2019 0:00	8	TENNENT RD	Raritan / Sandy Hook Bay tributaries		Other	561373.1	562760
OFH-8-026	2/19/2019 0:00	8	TENNENT RD	Raritan R Lower (below Lawrence)		Other	557482.8	558766.4
OFH-8-031	2/19/2019 0:00	8	TENNENT RD	Raritan R Lower (below Lawrence)		Other	553858.6	554467.6
OFH-8-032	2/19/2019 0:00	8	TENNENT RD	Raritan R Lower (below Lawrence)		Other	552668.5	552998.6
OFH-8-033	2/19/2019 0:00	8	TENNENT RD	Raritan R Lower (below Lawrence)		Pond	550886.2	550139.5
OFH-8-036	2/19/2019 0:00	8	TENNENT RD	Matchaponix Brook		Other	550354.6	549325.1
OFH-8-040	2/15/2019 0:00	8	TENNENT RD	Matchaponix Brook		Stream	547152.9	542541.3
OFH-8-042	2/15/2019 0:00	8	TENNENT RD	Matchaponix Brook		Other	546957.7	542351.2
OFH-8-045	2/28/2019 0:00	8	VAN SCHOICK RD	Raritan / Sandy Hook Bay tributaries		Stream	591064.9	563989.8
OFH-8-047	2/28/2019 0:00	8	LAUREL AVE	Raritan / Sandy Hook Bay tributaries		Other	591261.4	568105.9
OFH-8-048	2/28/2019 0:00	8	LAUREL AVE	Raritan / Sandy Hook Bay tributaries	Rip Rap	Stream	591815.3	569264.5
OFH-8-051	2/28/2019 0:00	8	LAUREL AVE	Raritan / Sandy Hook Bay tributaries	Rip Rap	Other	591514.8	571969.9
OFH-8-053	2/28/2019 0:00	8	LAUREL AVE	Raritan / Sandy Hook Bay tributaries	Concrete floor	Stream	591548	572989.6
OFH-8-062	2/28/2019 0:00	8	LAUREL AVE	Raritan / Sandy Hook Bay tributaries		Other	592044.9	576668.1
OFH-8-068	3/5/2019 0:00	8	BROAD ST	Raritan / Sandy Hook Bay tributaries		Lake	568140.2	577057.7
OFH-8-069	3/16/2018 0:00	8-Oct	DWIGHT RD	Navesink River / Lower Shrewsbury River		Other		
OFH-8-072	3/5/2019 0:00	8	1 St Ave			River		
OFH-8-073	3/7/2019 0:00	8	BROADWAY			Other		
OFH-9-001	1/9/2019 0:00	9	Perineville rd	Millstone River (above Carnegie Lake)		Other	496243.5	512061.3
OFH-9-006	1/14/2019 0:00	9	SWEETMANS LN	Millstone River (above Carnegie Lake)		Other	516137.3	505967.5
OFH-9-007	1/14/2019 0:00	9	SWEETMANS LN	Millstone River (above Carnegie Lake)		Other	516154.5	506007.7
OFH-9-010	1/9/2019 0:00	9	SMITHBURG RD	Manalapan Brook		Other	529752.9	508357.2
OFH-9-011	1/9/2019 0:00	9	SMITHBURG RD	Manalapan Brook		Other	530612.8	506896.8
OFH-9-013	1/9/2019 0:00	9	SMITHBURG RD	Manalapan Brook		Other	532414.3	502611.6
OFH-9-014	1/14/2019 0:00	9	MONMOUTH RD	Manalapan Brook	Rip Rap	Stream	533451.6	501377.7
OFH-9-023	1/8/2019 0:00	9	ELTON ADELPHIA RD	Manasquan River	Concrete swale	Other	542914.5	504616.9
OFH-9-024	1/8/2019 0:00	9	ELTON ADELPHIA RD	Manasquan River		Other	544878.4	504778.2
OFH-9-037	1/7/2019 0:00	9	ELTON ADELPHIA RD	Manasquan River		Other	554930.9	505540
OFH-9-038	1/7/2019 0:00	9	ELTON ADELPHIA RD	Manasquan River		Other	555767.8	505564
OFH-9-042	1/7/2019 0:00	9	JACKSON MILLS RD	Manasquan River		Stream	555048	503062.4
OFH-9-044	1/7/2019 0:00	9	JACKSON MILLS RD	Manasquan River	Concrete floor	Pond	553443	498079.5
OFH-9-045	1/7/2019 0:00	9	JACKSON MILLS RD	Manasquan River	Concrete floor	Pond	553478.4	497603.5
OFH-9-049	2/1/2019 0:00	9	KOZLOSKI RD	Manasquan River		Stream	562481.5	519816.5
OFH-9-050	2/7/2019 0:00	9	MONMOUTH RD	Manasquan River		Pond	538834.1	505831.3
OFH-9-054	2/4/2019 0:00	9	KOZLOSKI RD	Navesink River / Lower Shrewsbury River		Other	562504.8	526335.6
OFH-9-066	2/5/2019 0:00	9	COUNTY ROAD 537 W	Navesink River / Lower Shrewsbury River	Rip Rap	Other	582611.9	529612
OFH-9-068	2/5/2019 0:00	9	COUNTY ROAD 537 W	Navesink River / Lower Shrewsbury River		Stream	572526.8	526298.7
OFH-9-073	2/4/2019 0:00	9	KOZLOSKI RD	Navesink River / Lower Shrewsbury River		Stream	563404.7	523370.5
OFH-9-077	2/6/2019 0:00	9	COLTS NECK RD	Manasquan River	Concrete swale	Other	561657.2	522702
OFH-9-091	2/7/2019 0:00	9	MONMOUTH RD	Manasquan River		Stream	539723	506729.1
OFH-9-096	1/15/2019 0:00	9	IRON ORE RD	Millstone River (above Carnegie Lake)	Concrete swale	Other	520532.7	519770.6
OFH-9-097	1/16/2019 0:00	9	IRON ORE RD	Millstone River (above Carnegie Lake)		Other	519728.1	521085.7
OFH-9-098	1/16/2019 0:00	9	IRON ORE RD	Manalapan Brook	Rip Rap	Other	522004.5	522991
OFH-9-099	1/16/2019 0:00	9	IRON ORE RD	Manalapan Brook		Other	524460	525486.4
OFH-9-104	1/17/2019 0:00	9	Freehold/Englishtown Rd	Matchaponix Brook		Other	548790.1	522549.5
OFH-9-108	1/17/2019 0:00	9	FREEHOLD RD	Matchaponix Brook	Rip Rap	Other	536799.1	530225.2
OFH-9-111	1/17/2019 0:00	9	FREEHOLD RD	Matchaponix Brook	Rip Rap	Stream	536188.8	530483
OFH-9-114	1/10/2019 0:00	9	GORDONS CORNER RD	Matchaponix Brook	Slab floor	Stream	534256.2	535502.2
OFH-9-115	1/10/2019 0:00	9	GORDONS CORNER RD	Matchaponix Brook		Other	536554.7	535299.2
OFH-9-116	1/10/2019 0:00	9	GORDONS CORNER RD	Matchaponix Brook	Rip Rap	Other	537324.7	535214.8
OFH-9-117	1/10/2019 0:00	9	TENNENT RD	Matchaponix Brook	Rip Rap	Stream	544945.3	538026.7

OFH-9-119	1/10/2019 0:00	9	TENNENT RD	Matchaponix Brook		Stream	544268.4	536654.3
OFH-9-126	1/29/2019 0:00	9	MILLHURST RD	Manalapan Brook		Pond	536405.6	523710.5
OFH-9-128	1/29/2019 0:00	9	MILLHURST RD	Manalapan Brook		Other	535928.6	525351.6
OFH-9-141	1/7/2019 0:00	9	JACKSON MILLS RD	Metedeconk	Rip Rap	Ditch		
OFH-9-142	1/7/2019 0:00	9	JACKSON MILLS RD	Metedeconk	Rip Rap	Other		
OFH-9-143	1/7/2019 0:00	9	JACKSON MILLS RD	Metedeconk		Other		
OFH-9-145	1/9/2019 0:00	9	SILOAM RD	Metedeconk		Other		
OFH-9-156	1/14/2019 0:00	9	Perineville rd			Lake		
OFH-9-157	1/14/2019 0:00	9	Perineville rd			Lake		
OFH-9-158	1/14/2019 0:00	9	Perineville rd			Lake		
OFH-9-159	1/14/2019 0:00	9	Perineville rd			Lake		
OFH-9-160	1/14/2019 0:00	9	SWEETMANS LN		Rip Rap	Other		
OFH-9-161	1/15/2019 0:00	9	Woodville Rd			Stream		
OFH-9-162	1/15/2019 0:00	9	WATER ST		Rip Rap	Stream		
OFH-9-163	1/15/2019 0:00	9	WATER ST		Rip Rap	Stream		
OFH-9-164	1/15/2019 0:00	9	WOOD AVE			Other		
OFH-9-165	1/15/2019 0:00	9	WOOD AVE			Other		
OFH-9-166	1/15/2019 0:00	9	HIGH BRIDGE RD			Stream		
OFH-9-167	1/16/2019 0:00	9	HIGH BRIDGE RD			Other		
OFH-9-173	1/16/2019 0:00	9	IRON ORE RD			Other		
OFH-9-174	1/17/2019 0:00	9	FREEHOLD RD			Other		
OFH-9-175	1/17/2019 0:00	9	FREEHOLD RD			Other		
OFH-9-176	1/17/2019 0:00	9	FREEHOLD RD			Other		
OFH-9-177	1/17/2019 0:00	9	FREEHOLD RD			Other		
OFH-9-178	1/17/2019 0:00	9	FREEHOLD RD		Rip Rap	Stream		
OFH-9-179	1/17/2019 0:00	9	Freehold/Englishtown Rd			Other		
OFH-9-180	1/29/2021 0:00	9	MILLHURST RD		Rip Rap	Other		
OFH-9-181	1/29/2019 0:00	9	MILLHURST RD			Other		
OFH-9-184	1/29/2019 0:00	9	MILLHURST RD			Stream		
OFH-9-185	1/29/2019 0:00	9	MILLHURST RD			Stream		
OFH-9-186	1/29/2019 0:00	9	MILLHURST RD			Other		
OFH-9-187	2/4/2019 0:00	9	KOZLOSKI RD			Pond		
OFH-9-188	2/4/2019 0:00	9	KOZLOSKI RD			Pond		
OFH-9-189	2/4/2019 0:00	9	KOZLOSKI RD			Pond		
OFH-9-190	9/26/2022 10:29	9	HALLS MILL RD					
OFH-9-191	9/26/2022 10:31	9	HALLS MILL RD					
OFH-9-192	9/26/2022 10:32	9	HALLS MILL RD					
OFH-9-193	9/26/2022 10:45	9	HALLS MILL RD					
OFH-9-194	9/26/2022 10:46	9	HALLS MILL RD					
OFH-9-195	9/26/2022 10:49	9	ELTON ADELPHIA RD					
OFH-9-196	9/26/2022 10:50	9	ELTON ADELPHIA RD			Stream		

Exhibit 2 – Monmouth County 2019 SPPP

THE COUNTY OF MONMOUTH

HIGHWAY AGENCY PERMIT

STORMWATER POLLUTION PREVENTION PLAN (SPPP)

NJPDES MUNICIPAL STORMWATER REGULATION PROGRAM

NJPDES GENERAL PERMIT # NJG0152234

PROGRAM INTEREST ID # 222751

Effective Date of Permit Authorization: April 1, 2004

Date of Initial Completion: April 1, 2005

Revision Date: July 2019
2019 Revision prepared by Najarian Associates

MONMOUTH COUNTY HIGHWAY AGENCY
STORMWATER POLLUTION PREVENTION PLAN (SPPP)

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Figure 10 – District 10
Figure 11 – Buildings and Grounds (Special Services)

APPENDICES

Appendix I Highway Agency Stormwater General Permit

Appendix II NJDEP Guidance Document for the Management of Street Sweepings and Other Road Cleanup Materials

Appendix III Highway Agency Stormwater General Permit Post-Construction Program Design Checklist for Individual Projects

Appendix IV Resolutions:

06-45 Post Construction Stormwater Management
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2010-0848 Covering of Dumpsters

Appendix V MTDs Inspection and Maintenance Information

Appendix VI Annual Report and Certification (previous year)

Monmouth County Division of Highways
Stormwater Pollution Prevention Plan (SPPP)

NJPDES #	**NJG0152234**
PI ID #	**222751**
Effective Date of Permit Authorization (EDPA)	**April 1, 2004**
Date of Completion	**April 1, 2005**
Date of SPPP Revision	**June 2019**

Stormwater/nonpoint sources are the largest remaining major source of pollutants in our waters. It is estimated that up to 60 percent of our existing water pollution problems are attributable to stormwater/nonpoint pollution. To combat this broad "non-point" source pollution problem, Congress amended the Clean Water Act in 1987 to require localities to develop programs to address pollutants entering waters through municipal separate storm sewer systems (MS4s) owned or operated by local, county, state, and federal government agencies. In response to this requirement, the New Jersey Department of Environmental Protection (NJDEP) developed the Municipal Stormwater Regulation Program, through which New Jersey Pollutant Discharge Elimination System (NJPDES) permits are issued to Highway Agencies. The Monmouth County Highway Agency Stormwater General Permit was issued with an effective date of permit authorization (EDPA) of April 1, 2004. A copy of the permit is included in Attachment I.

The Highway Permit requires that each Highway Agency develop, implement, and enforce a stormwater program. The stormwater program is described in the Highway Agency's written Stormwater Pollution Prevention Plan (SPPP). A SPPP is a document that addresses the following goals:

1. To implement and maintain Best Management Practices (BMPs) that identify, reduce, eliminate, and/or prevent the discharge of stormwater pollutants;
2. To prevent violations of surface water quality, groundwater quality, and sediment management standards; and
3. To eliminate illicit discharges to stormwater drainage systems.

The following facilities are addressed under the County's Highway Agency Stormwater General Permit:

- Highway District #1 – 218 East Road, Belford, Middletown Township
- Highway District #2 – 240 Center Street, Freehold Township
- Highway District #3 – 1160 Pine Brook Road, Tinton Falls Borough
- Highway District #4 – 2060 Hospital Road, Allenwood, Wall Township
- Highway District #5 – 383 Cranberry Road, Farmingdale Borough
- Highway District #6 – 750 Wilson Avenue, Eatontown Borough
- Highway District #7 – 231 County Route 539, Cream Ridge, Upper Freehold Township
- Highway District #8 – 1621 Union Avenue, Hazlet Township
- Highway District #9 – 240 Center Street, Freehold Township
- Highway District #10 – 690 County Route 520, Marlboro Township
- Division of Bridges – 240 Center Street Complex, Freehold Township
- Traffic Safety Unit – 240 Center Street Complex, Freehold Township
- Division of Fleet Services:
  (Motor Pool, Body Shop and SCAT) – 250 Center Street Complex, Freehold Township
- Fueling Station – 250 Center Street Complex, Freehold Township
- Vehicle Wash – 250 Center Street Complex, Freehold Township
- Buildings and Grounds (Special Services) – 300 Halls Mill Road, Freehold Township

These facilities are depicted on Figure 1, and aerial photographs of each facility (Figures 2 through 13) are included in the Figures section.

The SPPP is comprised of Forms 1 through 18. The Stormwater Pollution Prevention Team Member list is provided on Form 1 and includes Team Member email addresses and phone numbers.

The procedures to address Illicit Connections are presented on Form 7. Illicit Connection investigations will involve the Monmouth County Health Department.

Four (4) Standard Operating Procedures (SOPs) – Best Management Practices (BMPs) are provided in the Form 17 section as follows:

-Vehicle and Equipment Fueling
-Vehicle Maintenance
-Good Housekeeping Practices
-De-Icing Material Storage Leachate

The County utilizes Geographical Information Systems (GIS) and an Asset Management System to store detailed information regarding County assets, including many components of the Highway Agency SPPP. The Cartegraph Operations Management System (OMS), a high-performance government software, is currently in-use. Any asset data in ArcGIS™ is easily accessible in Cartegraph OMS, and vice versa. Locational, inspection, and repair data have been uploaded, and are continuously updated, in the County GIS/OMS for the following SPPP Forms:

-Storm Drain Inlet Labeling (Form 5)
-MS4Outfall Pipe Mapping (Form 6)
-Litter Pick up Program (Form 9)
-Street Sweeping / Road Erosion Control Logs (Form 12)
-Stormwater Facility Maintenance (Form 13)
-Outfall Pipe Stream Scouring Remediation (Form 15)

The paper logs associated with these forms have been replaced with the County Assess Management System.

As the SPPP is a dynamic document, it will be revised as changes arise – as such, different sections may be revised at different times. The revision dates are presented at the bottom of each section.

SPPP Signature Page

Monmouth County Highway Agency Information

Highway Agency Name: Monmouth County Divisions of Highways

NJPDES #: NJG0152234 PI ID #: 222751

Team Member/Title: John W. Tobia, Director of Public Works & Engineering

Effective Date of Permit Authorization (EDPA): April 1, 2004

Date of Completion: 04/01/2005 Date of most recent update: 07/09/2019

"I certify that this SPPP includes all of the information and items identified in Attachment A of the Highway Agency Stormwater General Permit. All attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. 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."

(Signature)

7/9/19
(Date)

John W. Tobia
(Print Name)

Director of Public Works & Engineering
(Title)

(NOTE: A new SPPP signature page should be attached each time the SPPP is updated or modified, excluding data entries. Previous SPPP signature pages shall be retained as part of the SPPP.)

SPPP Form 1
Stormwater Pollution Prevention Team Members

Stormwater Program Coordinator: John W. Tobia
Title: Director of Public Works and Engineering
Email: John.Tobia@co.monmouth.nj.us
Office Phone #: 732-683-8757 ext. 2131
Emergency Phone #: 732-859-3191

Public Notice Coordinator: Trisha Ring Wajda
Title: Deputy Communications Director
Email: tricia.wajda@co.monmouth.nj.us
Office Phone #: 732-431-7310 ext. 7318
Emergency Phone #: _____

Post-Construction Stormwater Management Coordinator: John W. Tobia
Title: Director of Public Works and Engineering
Email: John.Tobia@co.monmouth.nj.us
Office Phone #: 732-683-8757 ext. 2131
Emergency Phone #: 732-859-3191

Local Public Education Coordinator: Trisha Ring Wajda
Title: Deputy Communications Director
Email: tricia.wajda@co.monmouth.nj.us
Office Phone #: 732-431-7310 ext. 7318
Emergency Phone #: _____

Regulatory Mechanism Coordinator: Marion Masnick; John W. Tobia, Joseph Ettore
Title: Clerk of the Board; Director of Public Works and Engineering, County Engineer
Email: Marion.Masnick@co.momouth.nj.us; John.Tobia@co.monmouth.nj.us;
Joseph.Ettore@co.monmouth.nj.us
Office Phone #: 732-431-7387; 732-683-8757, 732-431-7760
Emergency Phone #: _____

Physical Operations Coordinator: Gary Fread
Title: Superintendent of Highway
Email: Gary.Fread@co.monmouth.nj.us
Office Phone #: 732-431-6550 ext 6558
Emergency Phone #: 732-239-6624

Other: Jessica Kubida
Title: Environmental Specialist 3, Division of Engineering and Traffic Safety
Email: Jessica.Kubida@co.monmouth.nj.us
Office Phone #: 732-431-7760 ext. 6775
Emergency Phone #: _____

Other: Dan Frizell
Title: General Supervisor, Division of Highways, Acting General
Email: Danny.Frizell@co.monmouth.nj.us
Office Phone #: 732-431-6550 ext. 2119
Emergency Phone #: 732-299-8018

Other: Robert Dickerson
Title: Supervising Road Inspector
Email: Robert.Dickerson@co.monmouth.nj.us
Office Phone #: 732-431-6550
Emergency Phone #: 732-861-4541

Other: Ron Boyce, General Supervisor
Title: General Supervisor
Email: Ron.Boyce@co.monmouth.nj.us
Office Phone #: 732-431-6550 ext. 6551
Emergency Phone #:732-865-0980

Other: James Cerreta
Title: Assistant Director of Public Wirs & Engineering, Department of Public Works and Engineering
Email: James.Cerreta@co.monmouth.nj.us
Office Phone #: 732-683-8758
Emergency Phone #:732-861-5976

Other: Ming Kao
Title: Engineering
Email: Ming.Kao@co.monmouth.nj.us
Office Phone #: 732-409-7572
Emergency Phone #:

SPPP Form 2
Public Notice

Team Member/Title: Trisha Ring Wajda, Deputy Communications Director

Email: tricia.wajda@co.monmouth.nj.us

Phone: 732-431-7310 ext. 7318

Briefly outline the principal ways in which you comply with applicable State and local public notice requirements when providing for public participation in the development and implementation of your stormwater program.

For any meetings where public notice is required under the Open Public Meetings Act ("Sunshine Law", N.J.S.A. 10:4-6 et seq.), Monmouth County provides public notice in a manner that complies with the requirements of that Act.

In regard to the county budget, Monmouth County provides public notice in a manner that complies with the requirements of the Local Budget Law, N.J.S.A. 40A:4-1 et seq.

For resolutions of the Monmouth County Board of Chosen Freeholders that prove a penalty for violation thereof, Monmouth County provides public notice in a manner that complies with the requirements of N.J.S.A. 40:24-3.

All public notices appear in the following periodicals:

- Asbury Park Press

The County must annually certify their compliance with applicable State and local public notice requirements when providing for public participation in developing and implementing the County's stormwater program.

SPPP Form 3
New Development and Redevelopment Program

Team Member/Title: Joseph Ettore, County Engineer

Email: Joseph.Ettore@co.monmouth.nj.us

Telephone: 732-431-7760

Describe in general terms your post-construction stormwater management in new development and redevelopment program (post-construction program), and how it complies with the Highway Permit minimum standard. This description must address how adequate long term operation and maintenance of BMPs will be ensured; compliance with the standard in Attachment C of the permit (new storm drain inlet design standard); adoption and implementation of applicable design and performance standards established under N.J.A.C. 7:8 for major development; and use of the Post-Construction Program Design Checklist for Individual Projects. Attach additional pages as necessary.

Post Construction Stormwater Management in New Development & Redevelopment

The Monmouth County Division of Highways is implementing a post-construction stormwater management in new development and redevelopment program as per the Highway Agency Permit minimum standard. Monmouth County intends to consider the applicable design and performance standards as early as possible in the project planning and design process.

The Monmouth County Division of Engineering and Traffic Safety will ensure that all projects which are "new development and redevelopment projects" as described in the Highway Agency Permit are designed in accordance with the permit requirements. These applicable projects will be listed in the Annual Report and Certification. The Monmouth County Division of Highways will maintain these projects in accordance with the County's Highway Agency Stormwater Permit.

On January 12, 2006 the Monmouth County Board of Chosen Freeholders adopted resolution #06-45 which addresses the following goals:

1) Adopt (and incorporates by reference) for such projects the applicable design and performance standards (including maintenance requirements) established under N.J.A.C. 7:8 for major development, and the storm drain inlet design standard in Attachment C;

2) Requires that all such projects be designed to comply with these design and performance standards and this storm drain inlet design standard; and

3) Requires that the Highway Permit's Post-Construction Program Design Checklist for Individual Projects be completed before each project's construction is approved.

Resolution #06-45 is included in Appendix IV for reference and Appendix III includes the Post-Construction Program Design Checklist for Individual Projects.

The Monmouth County Division of Engineering and Traffic Safety works cooperatively with the Monmouth County Division of Planning relative to stormwater management responsibilities concerning new development and redevelopment projects. The cooperation of these, and other County Divisions, are intended to encourage consistency and coordination among County stormwater management activities, and may result in some future revisions to the County's post-construction program.

For each new development or redevelopment project regulated by the Highway Permit the following information will be included in the Annual Report and Certification:

- Project name and municipality
- Description of project
- Acres of disturbance (estimate)
- Acres of additional impervious surface (estimate)
- Land use regulation program permit requirement
- Completion of Design Checklist for Individual Projects
- Waiver claims under N.J.A.C. 7:8-5.2(e)
- Project approved for construction
- Completion of project

Compliance with the Storm Drain Inlet Design (Attachment C of Permit)

For most projects, Monmouth County will use the NJDOT bicycle safe grate and (if needed) a curb opening with a clear space no bigger than two (2) inches across the smallest dimension. The storm drain inlets will also be engineered to ensure adequate hydraulic performance.

Please refer to Form 11 – Solids and Floatable Control - Storm Drain Inlets for retrofitting of existing storm drain inlets.

Operation and Maintenance of Best Management Practices (BMPs)

Since the EDPA, Monmouth County has not constructed any projects regulated by the Highway Permit as new development and redevelopment projects. When the County constructs such a project, the County will ensure adequate long-term operation and maintenance of BMPs for that project by preparing (through the Monmouth County Division of Engineering and Traffic Safety) a project maintenance plan in accordance with N.J.A.C. 7:8-5.8 where applicable.

For BMPs at stormwater facilities, maintenance of these BMPs will also be an integral part of the stormwater facility maintenance program that the County is developing to ensure proper function and operation of all County stormwater facilities regulated by the Highway Permit.

Please refer to Form 13 – Stormwater Facility Maintenance for a description of Monmouth County's Stormwater Facility Maintenance program.

SPPP Form 4
Local Public Education Program

Team Member/Title: Trisha Ring Wajda, Deputy Communications Director

Email: tricia.wajda@co.monmouth.nj.us

Phone: 732-431-7310 ext. 7318

Describe your Local Public Education Program. Be specific on how you will distribute your educational information.

Local Public Education Program:

Monmouth County does not currently own or operate any service or rest areas along the County highway system; therefore distribution of the annual brochure to users of the system is not required. However, Monmouth County will post the annual brochure in common areas of appropriate Highway Agency structures.

Educational information will be made available to employees during the employee training sessions.

Please refer to Form 18 - Employee Training for a description of Monmouth County's Employee Training Program.

SPPP Form 5
Storm Drain Inlet Labeling

Team Member/Title: Gary Fread, Division of Highways General Supervisor

Email: Gary.Fread@co.monmouth.nj.us

Phone: 732-431-6550 ext. 6558

Storm Drain Inlet Labeling Program

Describe your storm drain inlet labeling program, including your labeling schedule, the details of your long-term maintenance plan, and plans on coordinating with watershed groups or other volunteer organizations.

All of the storm drain inlets within the Monmouth County Highway Agency system have been labeled. This was completed during the 2004 – 2009 permit cycle.

Long-Term Inlet Labeling Maintenance

The Monmouth County Division of Highways will ensure long-term maintenance of the storm drain inlet labels during the annual catch basin cleaning program. During the inspection, cleaning or repair of an inlet, the label will be inspected for damage and replaced if needed, where applicable.

Description of Labels

The Monmouth County Division of Highways uses storm drain inlet labels which read "No Dumping – Drains to Water Body." A typical label is depicted below:

SPPP Form 6
MS4 Outfall Pipe Mapping

Team Member/Title: Meghan Leavey, GIS & Bob Dickerson, Supervising Road Inspector

Email: Meghan.leavey@co.monmouth.nj.us, Robert.Dickerson@co.monmouth.nj.us

Phone: 732-431-7460, 732-431-6550

Explain how you will prepare your map (include its type and scale, and the schedule for the mapping process). Who will prepare your map (e.g., employees, a consultant, etc.)?

MS4 Outfall Pipe Mapping

The municipal separate storm sewer system (MS4) outfalls are mapped as required in the Highway Agency permit.

The Monmouth County Division of Engineering and Traffic Safety maintains a GIS inventory of the outfalls within the stormwater system. The County MS4 outfall map is available in the Public Works Building located at 250 Center Street, Freehold Township, New Jersey.

SPPP Form 7
Illicit Connection Elimination Program

Team Member/Title: Bob Dickerson, Supervising Road Inspector & Christopher Merkle, Public Health Coordinator and Health Officer

Email: Robert.Dickerson@co.monmouth.nj.us, health@co.monmouth.nj.us

Phone: 732-431-6550, 732-431-7456

Describe your Illicit Connection Elimination Program, and explain how you plan on responding to complaints and/or reports of illicit connections (e.g., hotlines, etc.). Attach additional pages as necessary.

Initial Physical Inspection

An initial physical inspection of all municipal separate storm sewer system (MS4) outfalls was completed during the 2004 – 2009 permit cycle during the MS4 outfall pipe mapping process.

Illicit Connection Elimination Program Details

Attachment B *Procedures for Detecting, Investigating, and Eliminating Illicit Connections* of the Highway Agency Stormwater General Permit will be used as a reference.

Outfall pipes found to have dry weather flow or indications of intermittent non-stormwater flow will be further investigated by the Monmouth County Division of Engineering and Traffic Safety, with the assistance of the Monmouth County Health Department, as need. If no dry weather or intermittent flows are observed, there is probably not an illicit connection. Inspection information will be maintained in the County's Asset Management System.

The initial step of the investigation process of an Illicit Connection is the completion by Monmouth County Division of Engineering and Traffic Safety personnel of the Illicit Connection Inspection Report Form. Upon completion, if it is determined further investigation is required, this form will be forwarded to the Monmouth County Health Department and entered into the Health Department's Complaint Database.

The potential Illicit Connection will be further evaluated by the Health Department, as needed. Upon completion of the investigation by the Health Department, documentation will be returned to the Division of Engineering and Traffic Safety for inclusion in the Annual Report and Certification.

For illicit connections from a public source (e.g. the host municipality or a neighboring municipality), notification will be provided to that entity, and a written explanation sent to the NJDEP detailing the results of the investigation. The report should be directed to the permit manager and enforcement case manager.

If the illicit connection poses an immediate threat, employees have been instructed to call the Monmouth County Health Department at 732-431-7456. Separate written notification of such action will also be sent to the NJDEP.

Long Term Illicit Connection Elimination

The County will re-inspect each outfall for illicit connections at least once per five-year permit cycle. In addition, the County will investigate possible illicit connections reported by residents or municipalities. Illicit connection inspections will also be conducted when the outfall pipes are being inspected for stream scouring if the inspection is preceded by a 72 hour dry weather period (see Form 15 Outfall Pipe Stream Scouring Remediation).

Illicit Connection Inspection Report Form

Completed by Monmouth County Division of Engineering and Traffic Safety

Inspector Name: _____

Phone: _____

Inspection Date: _____

Outfall #: _____ Location: _____

Receiving Waterbody: _____

Number of Photographs_____

1. Is there a dry weather flow? Y (___) N (___)
2. If "YES", what is the outfall flow estimate? _____ gpm
3. Are there any indications of an intermittent flow? Y (___) N (___)
4. If you answered "**NO**" to BOTH questions #1 and #3, there is probably not an illicit connection. If you answered "**YES**" to either question, please continue to question #5.

INITIAL PHYSICAL OBSERVATIONS:

(a) **ODOR:** none___ sewage___ sulfide___ oil___ gas___ rancid/sour___
other: _____

(b) **COLOR**: none___ other**:**_____

(c) **TURBIDITY:** none___ cloudy___ opaque___

(d) **FLOATABLES:** none___ petroleum___ sheen___ sewage___
other:_____

(e) **DEPOSITS/STAINS:** none___ sediment___ oily___ other: ___

(f) **VEGETATION CONDITIONS:** normal___ excessive growth___ inhibited growth__

(g) **DAMAGE TO OUTFALL STRUCTURES:**

IDENTIFY STRUCTURE: _____

DAMAGE: none___ concrete spalling/cracking___ peeling paint___
metal corrosion___ other damage:___

Additional Observations:

_____
_____
_____
_____

Submit this form and photographs to Ms. Jessica Kubida, Division of Engineering and Mr. Christopher Merkle of the Monmouth County Health Department for further investigation

Date provided to the Health Department: _____

SPPP Form 8
Illicit Connection Records

Team Member/Title: Bob Dickerson, Supervising Road Inspector

Email: Robert.Dickerson@co.monmouth.nj.us

Phone : 732-431-6550

Prior to July 1, 2018

Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow.

Total number of inspections performed this year? _____

Number of outfalls found to have a dry weather flow? _____

Number of outfalls found to have an illicit connection? _____

How many of the Highway Agency's own illicit connections were eliminated? _____

Of the Highway Agency's own illicit connections found, how many remain? _____

How many illicit connections found to emanate from another entity were reported to NJDEP? _____

July 1, 2018 – June 30, 2019

Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow

Total number of inspections performed this year? _____

Number of outfalls found to have a dry weather flow? _____

Number of outfalls found to have an illicit connection? _____

How many of the Highway Agency's own illicit connections were eliminated? _____

Of the Highway Agency's own illicit connections found, how many remain?_____

How many illicit connections found to emanate from another entity were reported to NJDEP?_____

July 1, 2019 – June 30, 2020

Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow.

Total number of inspections performed this year? _____

Number of outfalls found to have a dry weather flow? _____

Number of outfalls found to have an illicit connection? _____

How many of the Highway Agency's own illicit connections were eliminated? _____

Of the Highway Agency's own illicit connections found, how many remain?_____
How many illicit connections found to emanate from another entity were reported to NJDEP?_____
July 1, 2020 – June 30, 2021
Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow.
Total number of inspections performed this year? _____
Number of outfalls found to have a dry weather flow? _____
Number of outfalls found to have an illicit connection? _____
How many of the Highway Agency's own illicit connections were eliminated? _____
Of the Highway Agency's own illicit connections found, how many remain?_____
How many illicit connections found to emanate from another entity were reported to NJDEP?_____
July 1, 2021 – June 30, 2022
Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow.
Total number of inspections performed this year? _____
Number of outfalls found to have a dry weather flow? _____
Number of outfalls found to have an illicit connection? _____
How many of the Highway Agency's own illicit connections were eliminated? _____
Of the Highway Agency's own illicit connections found, how many remain?_____
How many illicit connections found to emanate from another entity were reported to NJDEP?_____
How many illicit connections found to emanate from another entity were reported to NJDEP?_____

SPPP Form 9
Litter Pick Up Program

Team Member/Title: Gary Fread, Superintendent of Highway; Dan Frizell, General Supervisor, Division of Highways, Acting General

Email: Gary.Fread@co.monmouth.nj.us; Danny.Frizell@co.monmouth.nj.us

Phone: 732-431-6550 ext. 6558; 732-431-6550 ext. 2119

Please describe your litter pick up program. Be sure to include the refuse collection schedule and detail how rest area, service area, and roadside clean ups will be implemented.

(NOTE: Attach a litter pick up log containing the following information: date(s) of roadside clean ups and estimates of the total amount of trash and debris collected.)

Litter Pickup Program

The Monmouth County Division of Highways does not operate any service areas or rest areas. To fulfill the litter pickup program requirement, each Highway District patrols County Roads for litter on an as needed basis. Additionally twice a year, in the Spring and the Fall, litter patrols are sent out to collect litter from all County Roads.

The district supervisors will input their respective litter pickup data into the Cartegraph Asset Management System. This system is utilized in lieu of logs. At the end of the year, the total amount of litter is calculated and exported into spreadsheet and reviewed by Dan Frizell. The total amount of litter is calculated and is reported in the MSRP Annual Report and Certification.

SPPP Form 10
Regulatory Mechanisms

Team Member/Title: Joseph Ettore, County Engineer; John W. Tobia, Director Department of Public Works and Engineering; Marion Masnick, Clerk of the Board of Chosen Freeholders

Email: engineer@co.monmouth.nj.us, PublicWorks@co.monmouth.nj.us, mmasnick@co.monmouth.nj.us

Phone: 732-431-7765; 732-683-8757; 732-431-7387

Regulatory Mechanisms

For each regulatory mechanism, give the date of adoption. If not yet adopted, explain the development status:

Pet Waste: The Monmouth County Highway Agency does not operate any rest areas or service areas for the Agency facilities subject to this permit.

Improper Disposal of Waste: Monmouth County Board of Chosen Freeholders Resolution # 06-47; adopted January 12, 2006

Wildlife Feeding: Monmouth County Board of Chosen Freeholders Resolution # 06-46; adopted January 12, 2006

Illicit Connections: Monmouth County Board of Chosen Freeholders Resolution # 06-49; adopted January 12, 2006

Refuse Containers and Dumpsters: Monmouth County Board of Chosen Freeholders Resolution #2010-0848; adopted October 28, 2010

Copies of these Resolutions are provided in Appendix II.

What is the nature of these regulatory mechanisms and how will they be enforced?

Regulatory mechanisms have been adopted in the form of Resolutions by the Monmouth County Board of Chosen Freeholders. Any Monmouth County officer or employee who continues to be in violation of the adopted policies, after being duly notified, shall be subject to removal, suspension, demotion or other disciplinary action. In addition, the general public may be subject to fines if found in violation of the resolution.

If your position is that the Highway Agency has no legal authority to adopt and/or enforce a mechanism to regulate pet waste disposal or wildlife feeding by the general public on Highway Agency property, attach a statement from your attorney supporting this position.

Not applicable.

SPPP Form 11
Solids and Floatable Control - Storm Drain Inlets (Retrofitting)

Team Member/Title: Ming Kao, Engineering

Email: Ming.Kao@co.monmouth.nj.us

Phone: 732-409-7572

What type of storm drain inlet design will generally be used for retrofitting?

For most projects, Monmouth County will use the NJDOT bicycle safe grate style and (if needed) a curb opening with a clear space no bigger than two inches across the smallest dimension.

Repaving, repairing, reconstruction or alteration project name (attach additional pages as necessary)	Projected start date	Start Date	Date of completion	# of storm drain inlets	# of storm drains with exemptions

Are you claiming any alternate device exemptions or historic place exemptions for any of the above projects? Please explain.

Updated form needs to be submitted to Jessica Kubida by March for the previous calendar year to be included in Annual Report and Certification.

SPPP Form 12
Street Sweeping and Road Erosion Control

Team Member/Title: Gary Fread, Superintendent of Highway; Dan Frizell, General Supervisor, Division of Highways, Acting General

Email: Gary.Fread@co.monmouth.nj.us; Danny.Frizell@co.monmouth.nj.us

Phone: 732-431-6550 ext. 6558; 732-431-6550 ext. 2119

Street Sweeping

Please describe the street sweeping schedule that you will maintain.

(NOTE: Attach a street sweeping log containing the following information: date and area swept, # of miles swept, and the total amount of materials collected.)

Monmouth County currently owns/operates 1,000 lane miles of road with approximately 25.3 miles of road that currently meets the Highway Agency general permit criteria requiring monthly sweeping (i.e. 35 mph or less in predominantly commercial areas). Weather permitting, all County roads are swept once per month. Street sweeping diaries are maintained by street sweeper operator and provided to the General Supervisors.

The **Monmouth County Highway Districts** will be utilizing their staff and available equipment in order to comply with this requirement. In addition, Monmouth County currently maintains the following maintenance yards which also fall subject to the monthly street sweeping requirement:

- Highway District 1 – Belford, Middletown Township
- Highway District 2 – Freehold Township
- Highway District 3 – Tinton Falls Borough
- Highway District 4 – Allenwood, Wall Township
- Highway District 5 – Farmingdale Borough
- Highway District 6 – Eatontown Borough
- Highway District 7 – Cream Ridge, Upper Freehold Township
- Highway District 8 – Hazlet Township
- Highway District 9 – Freehold Township
- Highway District 10 – Marlboro Township
- 240 Center Street Complex – Freehold Township
- 250 Center Street Complex – Freehold Township
- Special Services – 300 Halls Mill Road, Freehold Township

(The district supervisors will input their respective street sweepings data into the Cartegraph Asset Management System. This system is utilized in lieu of logs. At the end of the year, a report is calculated and exported into spreadsheet and reviewed by Dan Frizell. The total amount of litter is

calculated and is reported in the MSRP Annual Report and Certification.

Washout Repair - Highway

Describe your Road Erosion Control Maintenance Program, including inspection schedules. A list of all sites of roadside erosion and the repair techniques(s) you will be using for each site should be attached to this form. (NOTE: Attach a road erosion control maintenance log containing the following information: location, repairs, date)

During weekly road inspections by the district supervisor, the roads are visually inspected to evaluate the need for repair due to erosion.

Highway district supervisors will complete repair tasks in Cartegraph Asset Management System during scheduled erosion control repairs. This system is utilized in lieu of logs. At the end of the year, a report is calculated and exported into spreadsheet and reviewed by Dan Frizell.

SPPP Form 13
Stormwater Facility Maintenance

Team Member/Title: Gary Fread, Superintendent of Highway

Email: Gary.Fread@co.monmouth.nj.us

Phone: 732-431-6550 ext. 6558

Please describe your annual catch basin cleaning program and schedule. Attach additional pages as necessary.

Catch Basin Cleaning Program Schedule

There are over 6,000 catch basins within Monmouth County Highway Agency storm water system. Each basin is logged in the County Asset Management System. It is the intent of the Highway Division to inspect annually and schedule cleaning and/or repairs based on the results of the physical inspection.

Catch Basin Cleaning Program Description

The Monmouth County Division of Highways will be responsible for implementing the catch basin cleaning program. Monmouth County currently operates vehicles capable of catch basin cleaning, which are dedicated to this activity. If, at the time of inspection, no sediment, trash or debris is observed in the catch basin, then that catch basin will not be cleaned. At the time of cleaning, the catch basins will also be inspected for proper function. Restoration work will be scheduled for those basins that are in disrepair.

Management of Catch Basin Materials

Catch Basin Materials are added to Street Sweeping Materials. All road clean up materials will remain staged on an impervious surface for the appropriate staging time, as per the standards set in guidance provided by the NJDEP Division of Solid and Hazardous Waste.

Retention / Detention Basins

Please describe your stormwater facility maintenance program for cleaning and maintenance of all stormwater facilities operated by the Highway Agency. Attach additional pages as necessary.

(NOTE: Attach a maintenance log containing information on any repairs/maintenance performed on stormwater facilities to ensure their proper function and operation.)

The Monmouth County Division of Highways has implemented a stormwater facility maintenance program that ensures the proper function and operation of all highway system stormwater facilities operated by the County. Each Highway District will be responsible for maintaining ditches, swales, retention / detention basins and manufactured treatment devices (MTDs) within the boundaries of that District annually. Respective General Supervisors will be responsible for scheduling the inspection of these facilities to ensure proper function, at a minimum they will be inspected annually and any identified repairs will be made. Any problems impacting the function of the facility identified will be forwarded to Monmouth County Engineering. Maintenance and Inspection Logs are maintained in the asset management system.

The Monmouth County Department of Public Works and Engineering maintains an inventory of all stormwater facilities owned and/or operated by the County. The inventory is maintained in GIS format and is continuously updated.

All records pertaining to Stormwater Facilities are logged in the County Asset Management System.

SPPP Form 14
Roadside Vegetation Management

Team Member/Title: Gary Fread, Superintendent of Highway; George Nobel, General Supervisor, Monmouth County Shade Tree Division

Email: Gary.Fread@co.monmouth.nj.us

Phone: 732-431-6550 ext. 6558

Describe your roadside vegetation management program to limit the application of herbicides and mulch. Attach additional pages as necessary.

Roadside Vegetation Management Program

The Monmouth County Division of Highways performs regular cutting and landscaping of applicable roadside areas. This practice has proven sufficient to control most roadside vegetation. If mulch is applied to areas adjacent to impervious areas, it is stabilized in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey (N.J.A.C. 2:90-1).

The Monmouth County Division of Highways utilizes herbicides on a very limited basis by employees that are licensed applicators. Examples would be to treat poison ivy and in areas not suitable for mowing.

Additional roadside vegetation management recommendations are provided by George Nobel, General Supervisor, Monmouth County Shade Tree Division.

SPPP Form 15
Outfall Pipe Stream Scouring Remediation

Team Member/Title: Gary Fread, Superintendent of Highway

Email: Gary.Fread@co.monmouth.nj.us

Phone: 732-431-6550 ext. 6558

Describe your stormwater outfall pipe scouring detection, remediation and maintenance program to detect and control active, localized stream and stream bank scouring. Attach additional pages as necessary.

(NOTE: Attach a prioritized list of sites observed to have scouring, date of anticipated repair, method of repair and date of completion.)

The Monmouth County Department of Public Works and Engineering will implement a stormwater outfall pipe stream scouring, remediation, and maintenance program to detect and control localized stream scouring in the vicinity of the highway system outfall pipes operated by the County, subject to applicable permit requirements and regulations. When possible, inspections of the outfall pipes will be coordinated with inspections for illicit connections.

A prioritized list will be created of outfall pipes found to have scouring. A schedule will be established for repairs, beginning with the outfall pipes most in need of remediation and those most easily accessible. In addition, repairs that do not require NJDEP Land Use permits or other local, State, or Federal permits will be completed first.

For outfall remediation requiring NJDEP permits, the Monmouth County Division of Engineering and Traffic Safety will prepare and submit all required applications.

Scouring Long-term Maintenance Program

For those outfall pipes in which scouring had been detected, repairs will be scheduled based on the results of the physical inspection with prioritization to areas exhibiting the most severe damage.

All repairs will be made in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey.

Records will be maintained in the County Asset Management System.

SPPP Form 16
De-icing Material Storage

Team Member/Title: Gary Fread, Superintendent of Highway

Email: Gary.Fread@co.monmouth.nj.us

Phone: 732-431-6550 ext. 6558

De-icing Material Storage

Describe how you currently store your highway agency's de-icing materials, and describe your inspection schedule. If your current storage practices do not meet the de-icing material storage SBR describe your construction schedule and your seasonal tarping interim measures. If you plan on sharing a storage structure, please include its location, as well as a complete list of all concerned public entities. If you store sand outdoors, describe how it meets the minimum standard.

The following standard operating procedures for good housekeeping of de-icing material handling will be implemented at each District to ensure minimal environmental impact:

- Prevent and/or minimize the spillage of salt and de-icing materials during loading and unloading activities.
- At the completion of loading and unloading activities, spilled de-icing materials shall be removed using dry cleaning methods and either reused or disposed of properly.
- Sweeping of storage and loading/unloading areas by hand or mechanical means shall be done on a regular basis. More frequent sweeping is required following loading/unloading activities. Sweeping shall also be conducted immediately following, as practicable, loading/unloading activities.
- Tracking of materials from storage and loading/unloading areas shall be minimized.
- Minimize the distance de-icing materials are transported during loading/unloading activities.

All Highway Districts that store de-icing material do so in a permanent structure, which is compliant with the County's Highway Agency Permit. Districts that must store salt for brine separately from the road salt do so in accordance with the Permit's Interim Seasonal Tarping Good Housekeeping Practices section.

Effluent emanating from salt barns is addressed following Best Management Practices to prevent entry into storm drains, as described in the SOP - De-Icing Material Storage Leachate.

De-icing Material Storage Inspection Checklist

Highway District (circle one): 1 2 3 4 5 6 7 8 9 10

Ancillary Locations (circle one): DOB TSU MP BS SCAT B&G

Yes	No	Condition	Notes
		Any spillage observed	
		Structure in good condition	
		Tarp in good condition for salt brine	

SPPP Form 17
Standard Operating Procedures (SOPs)

Team Member/Title: Gary Fread, Superintendent of Highway

Email: Gary.Fread@co.monmouth.nj.us

Phone: 732-431-6550 ext. 6558

BMP	Date SOP went into effect	Describe your inspection schedule
Fueling Operations (including the required practices listed in Attachment D of the permit)	April 1, 2005	Fueling locations will be inspected monthly. ▪ A Vehicle and Fueling SOP has been included
Vehicle Maintenance (including the required practices listed in Attachment D of the permit)	April 1, 2005	Monthly inspections will be held at vehicle maintenance sites to ensure that the SOP is being met. ▪ A Vehicle Maintenance SOP has been included
Good Housekeeping Practices (including the required practices listed in Attachment D of the permit)	April 1, 2005	Inspections will be conducted on a monthly basis to ensure that good housekeeping practices are in effect. • Good Housekeeping SOPs have been included for appropriate facilities.

De-icing Material Storage Leachate	November 2, 2018	De-icing Material Storage areas will be inspected monthly. ▪ A De-icing Material Storage SOP for wooden salt barns has been included

A Source Material Inventory list for Maintenance Yard operations is provided on the next pages, as required in Attachment D of the NJDPES Master General Permit.

Source Material Inventory

Highway District: 1 2 3 4 5 6 7 8 9 10

Ancillary Locations: DOB TSU MP BS SCAT B&G

SOURCE MATERIAL	RECOMMENDATION	ADDRESSED IN SOP:	LOCATION
Bulk Construction Debris	• Separate by type of material and store temporarily on impervious surface until recycled	Good Housekeeping	DOB/TSU
Catch Basin Cleaning Materials	• Store on an impervious surface	Good Housekeeping	1, 3, 4, 5, 6, 7, 8, 9, 10
Clean Sand	• Store greater than 50 feet from wetland area	Good Housekeeping	8, 9
Cold Patch	• Cover material to prevent exposure to precipitation	Good Housekeeping	1, 4, 7, 9, 10
Construction Related Waste (i.e. asphalt millings)	• Remove properly subsequent to construction projects	Good Housekeeping	7
De-icing Material	• Store de-icing material in a permanent storage structure or as per Appendix D of permit	Good Housekeeping / De-Icing Material Storage Leachate	1, 3, 4, 5, 6, 8, 10
Drums	• Properly label • Dispose of empty/unused drums • Correctly store drums, covered on spill platforms	Good Housekeeping	3, 5, 6, 7, 8, 10, B&G, MP, BS, SCAT
Dumpsters	• Keep lids closed when not in use, where appropriate	Good Housekeeping	B&G, MP, BS, SCAT

SOURCE MATERIAL	RECOMMENDATION	ADDRESSED IN SOP:	LOCATION
Lead Acid Batteries	• Store in permanently covered storage area and dispose of regularly	Good Housekeeping	MP, BS, SCAT
New CCA Wood	• Store under overhang to prevent exposure to precipitation	Good Housekeeping	DOB/TSU
Solid Waste	• Store in covered dumpster	Good Housekeeping	3, 6, 7, 8, 10, B&G
Street Sweepings	• Store on an impervious surface and cover with waterproof material	Good Housekeeping	1, 3, 4, 5, 6, 7, 8, 9, 10
Top Soil	• Store greater than 5 feet from storm drain inlet	Good Housekeeping	1, 10
Used Tires	• Store in permanently covered storage area and dispose of regularly	Good Housekeeping	MP, BS, SCAT
Waste Oil Storage Area (outdoor)	• Clean area of residual spills	Good Housekeeping	5
Waste Oil Tanks	• Practice good housekeeping and maintenance of waste oil storage areas	Good Housekeeping	3, 6, MP, BS, SCAT
Waste Paint	• Store indoors or in a shed	Good Housekeeping	3, 5, 6, 8, 10, B&G

SOURCE MATERIAL	RECOMMENDATION	ADDRESSED IN SOP:	LOCATION
Vehicle Parts	• Store indoors or keep covered to prevent exposure to precipitation	Good Housekeeping	MP, BS, SCAT
Vehicle/Equipment Spare and Scrap Parts	• Dispose of all scrap material properly • Store all parts containing petroleum products on spill pallets and covered	Good Housekeeping	1, 3, 4, 5, 6, 7, 8, 9, 10, B&G, MP, BS, SCAT
Asphalt Recycling	• Store material to be recycles within bin block containment area	Good Housekeeping	9
De-icing Vehicle Lubrication	• Capture all excess lubricant for re-use or disposal	Good Housekeeping; Vehicle Maintenance	1, 3, 4, 5, 6, 7, 8, 9, 10
Vehicle Fueling Area	• Comply with County fueling SOP	Vehicle & Equipment Fueling	1, 3, 4, 5, 6, 7, 8, 9, 10, B&G, MP, BS, SCAT
Vehicle Washing	• Wash all vehicles and equipment indoors • Do not allow vehicle and equipment washwater to discharge to the environment	Vehicle Maintenance	1, 3, 4, 5, 6, 7, 8, 9, 10, B&G, MP, BS, SCAT

Standard Operating Procedure – Best Management Practices Vehicle and Equipment Fueling

Monmouth County Highway Agency Facilities	
Highway District #1	Belford, Middletown Township
Highway District #2	Freehold Township
Highway District #3	Tinton Falls Borough
Highway District #4	Allenwood, Wall Township
Highway District #5	Farmingdale Borough
Highway District #6	Eatontown Borough
Highway District #7	Cream Ridge, Upper Freehold Township
Highway District #8	Hazlet Township
Highway District #9	Freehold Township
Highway District #10	Marlboro Township
Division of Bridges	240 Center Street Complex, Freehold Township
Traffic Safety Unit	250 Center Street Complex, Freehold Township
Division of Fleet Services (Motor Pool, Body Shop and SCAT)	300 Halls Mills Road, Freehold Township
Buildings and Grounds (Special Services)	Belford, Middletown Township

Introduction and Purpose
Standard vehicle and equipment fueling operating procedures and practices are designed to minimize the potential of petroleum spills that may impact surface or ground waters. Understanding the procedures for delivering fuel into vehicles, mobile fuel tanks, and storage tanks is critical for this purpose. Safety is always the priority.

Scope
These procedures are to be implemented during fueling operations conducted at all County Highway Agency operations. This SOP-BMP will apply to all fuel transfer operations.

In addition, for those facilities with aboveground petroleum storage capacities greater than 1,320 gallons, the procedures outlined in the Spill Prevention, Control, and Countermeasure (SPCC) Plan must also be followed.

Standards and Specifications – (Fueling)	
Equipment & Vehicle Fueling (All County Departments)	• Shut the engine off. • Ensure that the fuel is the proper type of fuel for the equipment/vehicle. • Absorbent spill clean-up materials and spill kits shall be available in fueling areas and on mobile fueling vehicles and shall be disposed of properly after use. • Nozzles used in vehicle and equipment fueling shall be equipped with an automatic shut-off to prevent overfill. • Fuel tanks and storage tanks shall not be “topped off”. • Mobile fueling shall be minimized. All mobile fueling vehicles must be equipped with spill kits. Whenever practical, vehicles and equipment shall be transported to the designated fueling area in the maintenance yard. • Clearly post, in a prominent area of the facility, instructions for safe operation of fueling equipment, and appropriate contact information for the person(s) responsible for spill response. • Attend vehicle at all times during fueling. • Do not fill an unapproved container. • Repair any leaks or any equipment in disrepair immediately

Standards and Specifications – (Bulk Fueling)	
Bulk Product Transfer (All Highway Districts Motor Pool)	• Ensure fuel supplier verifies available capacity of tank prior to filling. • Never leave vehicle unattended during fueling • Use Drip pans or absorbent pads under all hose and pipe connections and other leak-prone areas during bulk fueling, or evacuation of waste tanks (i.e. waste oil). • 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 are being used instead of blocking the storm sewer inlets, all hose connection points associated with the transfer of fuel/waste must be within the temporary berms during the loading/unloading of bulk fuels. • Protect fueling areas with berms and/or dikes to prevent run-on, runoff, and to contain spills. • A trained County employee must always be present to supervise during bulk transfer. • Absorbent spill clean-up materials and spill kits shall be available in all delivery areas.
Spill Response (All County Departments)	• Conduct cleanups of any fuel spills immediately after discovery. • Clean uncontained spills using dry cleaning methods only. Spills shall be cleaned up with a dry, absorbent material (e.g., kitty litter, sawdust, etc.) and absorbent materials shall be swept up and properly contained. • Collected waste is to be disposed of properly. • Contact the Police Department at 911. • Contact Monmouth County HAZMAT at 732-431-7456 • Contact the NJDEP by calling 1-877-WARNDEP
Maintenance and Inspection (All Highway Districts, Motor Pool, SCAT)	• Wipe down daily all waste oil storage areas of any residuals and small spills • Oil/water separators shall be checked monthly for: o Proper operation of high level alarm, or product level o Proper function of sand/grit interceptor – clean if necessary o Cleaned annually • Fueling areas and storage tanks shall be inspected monthly for the following: 1. leaks 2. spills 3. proper function 4. external damage • Keep an ample supply of spill cleanup material on the site. • Any equipment, tanks, pumps, piping and fuel dispensing equipment found to be leaking or in disrepair must be repaired or replaced immediately by a certified or appropriate contractor. • Inspect monthly for compliance with SOP

Standard Operating Procedure – Best Management Practices Vehicle Maintenance

Monmouth County Highway Agency Facilities	
Highway District #1	Belford, Middletown Township
Highway District #2	Freehold Township
Highway District #3	Tinton Falls Borough
Highway District #4	Allenwood, Wall Township
Highway District #5	Farmingdale Borough
Highway District #6	Eatontown Borough
Highway District #7	Cream Ridge, Upper Freehold Township
Highway District #8	Hazlet Township
Highway District #9	Freehold Township
Highway District #10	Marlboro Township
Division of Bridges	240 Center Street Complex, Freehold Township
Traffic Safety Unit	250 Center Street Complex, Freehold Township
Division of Fleet Services (Motor Pool, Body Shop and SCAT	300 Halls Mills Road, Freehold Township
Buildings and Grounds (Special Services)	Belford, Middletown Township

Introduction and Purpose
This SOP-BMP contains the basic practices of vehicle maintenance to be implemented at all Monmouth County Highway Agency facilities. The purpose of this SOP is to provide a set of guidelines for developing safe, responsible vehicle maintenance practices which protect the quality of stormwater run-off originating from County sites.

Scope
This SOP-BMP applies to all vehicle maintenance activities performed within the Monmouth County Highway Agency and its ancillary operations.

Standards and Specifications	
General Vehicle Maintenance Guidelines	• Conduct vehicle maintenance operation only in designated areas. • When possible, perform all vehicle and equipment maintenance at an indoor location with a paved floor. • Always use drip pans. • Use portable tents or construct a roofing-device over long-term maintenance areas and for projects that must be performed outdoors.
Fluid Disposal	• All waste liquids should be collected and disposed of properly. • All containers storing liquids should be clearly labeled. • All drips & spills should be addressed using dry-cleaning methods. (absorbent material use & broom sweep up)
Battery & Tire Storage	• All waste lead-acid batteries should be stored indoors. If stored outdoors, all batteries should be under cover and elevated. • Scrap tires should be stored indoors or in a container dedicated to scrap tire storage.
De-Icing Vehicle Lubrication	• Perform indoors, if practical • Capture all excess lubricant for re-use or proper disposal • Clean any drips or spills immediately
Vehicle and Equipment Washing	• Do not allow vehicle and equipment washwater to discharge to environment.
Maintenance and Inspection	• Monthly check for compliance with this SOP
Spill Response	• Conduct vehicle maintenance operation only in designated areas. • When possible, perform all vehicle and equipment maintenance at an indoor location with a paved floor. • Always use drip pans. • Use portable tents or construct a roofing-device over long-term maintenance areas and for projects that must be performed outdoors.

Standard Operating Procedure - Best Management Practices Good Housekeeping

Monmouth County Highway Agency Facilities	
Highway District #1	Belford, Middletown Township
Highway District #2	Freehold Township
Highway District #3	Tinton Falls Borough
Highway District #4	Allenwood, Wall Township
Highway District #5	Farmingdale Borough
Highway District #6	Eatontown Borough
Highway District #7	Cream Ridge, Upper Freehold Township
Highway District #8	Hazlet Township
Highway District #9	Freehold Township
Highway District #10	Marlboro Township
Division of Bridges and Traffic Safety Unit	240 Center Street Complex, Freehold Township
Division of Fleet Services (Motor Pool, Body Shop and SCAT	250 Center Street Complex, Freehold Township
Buildings and Grounds (Special Services)	300 Halls Mills Road, Freehold Township

INTRODUCTION AND PURPOSE

This SOP-BMP contains the basic practices of good housekeeping to be implemented during typical day-to-day maintenance activities at the Monmouth County Highway Agency Facilities. The purpose of this SOP is to provide a set of guidelines for all County employees at maintenance yards.

SCOPE

This SOP-BMP applies to all housekeeping operations conducted within the Monmouth County Division of Highways and its ancillary operations.

Standards and Specifications (general housekeeping)		Facility
New CCA Wood	• Store under overhang to prevent exposure to precipitation	• Division of Bridges Garage • Traffic Safety Unit Garage
All Container and Drums (All Containers Storing Liquids or Solids)	• All containers should be properly labeled and marked, and the labels must remain clean and visible. • All containers must be kept in good condition and tightly closed when not in use. • When practical, chemicals, fluids and supplies should be kept indoors. • Keep a spill kit on hand at all liquid storage locations. • Have available & make use of use drip pans during liquid transfers. • Absorbent spill clean-up materials must be available in maintenance areas and shall be disposed of properly after use. • Collect waste fluids in properly labeled containers and dispose of them properly. • Place trash, dirt and other debris in dumpsters • Keep lids on dumpsters closed when not in use.	• Division of Bridges Garage • Traffic Safety Unit Garage • Division of Fleet Services (Motor Pool, Body Shop, SCAT, Fueling Station, Vehicle Wash) • Buildings and Grounds (Special Services) • All Highway Districts (1 – 10)
Bulk Storage Debris	• Separate by type of material • Store temporarily on impervious surface until recycled	• Division of Bridges Garage • Traffic Safety Unit Garage
Clean Sand/ Top Soil	• Store clean sand and top soil greater than 50 feet from a stormwater conveyance system	• All Highway Districts (1 – 10)
Containers and Drums Stored Outside	• Cover all drums and containers and place on spill platforms	• Division of Fleet Services (Motor Pool, Body Shop, SCAT, Fueling Station, Vehicle Wash) • Buildings and Grounds (Special Services) • All Highway Districts (1 – 10)
Lead Acid Batteries	• Store batteries in permanently covered storage area and dispose of regularly	• Division of Fleet Services (Motor Pool, Body Shop, SCAT, Fueling Station, Vehicle Wash)
Spare/Scrap Equipment and Vehicle Parts	• Dispose of on a regular basis • Cover parts on an impervious surface	• Division of Fleet Services (Motor Pool, Body Shop, SCAT, Fueling Station, Vehicle Wash) • Buildings and Grounds (Special Services)

Standards and Specifications (general housekeeping)		Facility
		• All Highway Districts (1 – 10)
Used Tires	• Store tires in permanently covered storage area and dispose of regularly	• Division of Fleet Services (Motor Pool, Body Shop, SCAT, Fueling Station, Vehicle Wash)
Waste Paint	• Store waste paint indoors whenever possible. If outdoors, waste paint should be placed in a storage shed to keep materials covered	• Division of Fleet Services (Motor Pool, Body Shop, SCAT, Fueling Station, Vehicle Wash) • Buildings and Grounds (Special Services) • All Highway Districts (1 – 10)
Waste Oil Storage	• Wipe down the waste oil storage area daily of any residuals or small spills. • Clean small drips and spills immediately • Use Oil Water Separators to treat water entering the floor drains in buildings • Ensure alarm is functioning on all oil water separators to alert that the separator is full • Contact vendor for all waste oil disposal	• Division of Fleet Services (Motor Pool, Body Shop, SCAT, Fueling Station, Vehicle Wash) • All Highway Districts (1 – 10)
Solid Waste	• Store in covered dumpster	• Buildings and Grounds (Special Services)
Cold Patch	• Keep material covered to prevent exposure to precipitation	• All Highway Districts (1 – 10)
Catch Basins	• Construct vactor dump areas using sand berms on impervious surface to contain vactor truck wastes • Locate sand berms away from catch basins and environmentally sensitive areas • Transport solids removed from catch basins to MC Reclamation Center	• All Highway Districts (1 – 10)
Construction Related Waste	• Properly remove subsequent to construction projects	• All Highway Districts (1 – 10)
De-icing Material and Storage	• Store de-icing material in a permanent storage structure or as per Attachment D of permit • Use conveyor belts to transport de-icing material into the storage facility. • Remove any salt that overtops the inner walls and exits the building • Place hay bales and/or fabric material around storm drains that receive runoff	• All Highway Districts (1 – 10)

Standards and Specifications (general housekeeping)		Facility
	• Inspect the roof, floors and walls of the storage buildings/barns for any leakage and upgrade, if needed	
Street Sweepings	• Cover and transport all waste to MC Reclamation Center • Follow guidance in Appendix II of this plan	• All Highway Districts (1 – 10)
De-icing Vehicle Lubrication	• Perform indoors, if practical • Capture all excess lubricant for re-use of proper disposal • Clean any drips or spills immediately.	• All Highway Districts (1 – 10)

Standards and Specifications (Maintenance and Inspection)		Facility
Maintenance and Inspection	• Inspect dumpsters monthly to ensure they are properly covered (lids closed, where applicable) and are not leaking. • Periodically check for leaks and damaged equipment and make repairs as necessary. • Perform monthly inspections to ensure compliance with SOP	• Division of Fleet Services (Motor Pool, Body Shop, SCAT, Fueling Station, Vehicle Wash) • Buildings and Grounds (Special Services) • All Highway Districts (1 – 10)
	• Wipe down the waste oil storage area daily of any residuals or small spills. • Inspect salt storage area monthly and during deliveries (loading) and unloading activities	• Division of Fleet Services (Motor Pool, Body Shop, SCAT, Fueling Station, Vehicle Wash) • All Highway Districts (1 – 10)

Standards and Specifications (Salt and De-icing Material Handling)		Facility
Salt Handling and Deliveries	• During loading and unloading of salt and de-icing materials, prevent and/or minimize spills. If salt or de-icing materials are spilled, remove the materials using dry cleaning methods. • Sweeping should be conducted as needed to get rid of dirt and other debris. Sweeping should also be conducted immediately following loading/unloading activities, when practical. • Minimize the tracking of materials from storage and loading/unloading areas. • Minimize the distance that salt and de-icing materials are transported during loading/unloading activities. • Tarp any materials that are stored outside when not actively being used.	• All Highway Districts (1 – 10)

Standards and Specifications (Spill Response and Inspections)		Facility
Spill Response and Reporting	• Follow Spill Prevention Control and Countermeasure (SPCC) plan, if applicable. • Periodically check for leaks and damaged equipment and make repairs as necessary. • Inspect dumpsters monthly to ensure they are properly covered (lids closed, where applicable) and are not leaking. • Perform monthly inspections to ensure compliance with SOP	• Division of Bridges Garage • Traffic Safety Unit Garage
	• Conduct clean-up of any spill(s) immediately after discovery. • Clean spills using dry cleaning methods only. • Dispose of contaminated absorbent material properly. • Dial 911 in case of an emergency. • Contact Monmouth County HAZMAT at 732-431-7456 • Notify the NJDEP at 1-877-WARNDEP for all spill emergencies.	• Division of Fleet Services (Motor Pool, Body Shop, SCAT, Fueling Station, Vehicle Wash) • Buildings and Grounds (Special Services) • All Highway Districts (1 – 10)

Standard Operating Procedure -
Best Management Practices
De-Icing Material Storage Leachate

Monmouth County Highway Agency Facilities	
Highway District #1	Belford, Middletown Township
Highway District #2	Freehold Township
Highway District #3	Tinton Falls Borough
Highway District #4	Allenwood, Wall Township
Highway District #5	Farmingdale Borough
Highway District #6	Eatontown Borough
Highway District #7	Cream Ridge, Upper Freehold Township
Highway District #8	Hazlet Township
Highway District #9	Freehold Township
Highway District #10	Marlboro Township
Division of Bridges	240 Center Street Complex, Freehold Township
Traffic Safety Unit	250 Center Street Complex, Freehold Township
Division of Fleet Services (Motor Pool, Body Shop and SCAT	300 Halls Mills Road, Freehold Township
Buildings and Grounds (Special Services)	Belford, Middletown Township

Introduction and Purpose
This SOP-BMP contains the practices to address possible leachate bubbling from the surfaces surrounding the wooden barns storing de-icing material. These practices will be implemented upon discovery of the leachate. The purpose of this SOP is to provide a set of guidelines for all county employees at those yards where this condition may exist.

SCOPE
This SOP-BMP applies to all de-icing material storage barns within the Monmouth County Division of Highway where a dark-colored, viscous leachate may be periodically observed emanating from cracks in the asphalt surfaces and ground surfaces surrounding the wooden salt barns. It has been prepared to prevent the migration of the leachate and residue to nearby storm drains and other pervious areas.

Standards and Specifications	
AREAS SURROUNDING WOODEN SALT BARNS THAT EXHIBIT LEACHATE	• Upon observation of possible leachate from the asphalt/ground surfaces, sand berms will be constructed and maintained on the downgradient side of the leachate impacted areas and immediately upgradient of nearby storm drains/outfalls. • Hay bales and/or fabric material will be placed at nearby storm drains/outfalls and will remain in place until the leachate has subsided. • A layer of sand will be spread over the impacted areas. • The sand will be collected via a street sweeper during routine sweeping of the facility, along with all saturated sands comprising the berms (at least monthly). • Saturated sands will be swept more frequently, as necessary.
MAINTENANCE AND INSPECTION	• The sand berms, hay bales/fabric, and sand layer over the leachate will remain in place for the duration leachate is observed. • The efficacy of the sand in preventing the migration of the leachate will be evaluated weekly. • Additional sand will be applied, as needed, to prevent the migration of the leachate from the immediate area.

SPPP Form 18
Employee Training

Team Member/Title: : Gary Fread, Superintendent of Highway

Email: Gary.Fread@co.monmouth.nj.us

Phone: 732-431-6550 ext. 2429

Describe your employee training program. For each required topic, list the employees that will receive training on that topic, and the date the training will be held. Attach additional pages as necessary.

Monmouth County will conduct a training program for appropriate employees in accordance with topics contained in the permit. The coordinator for these trainings is Gary Fread, Superintendent of Highway. Sign-In sheets are attached to the SPPP.

Dates of employee training sessions are included in the Annual Report and Certification, previous years' Report and Certification are included in Appendix VI. An Employee Training Log Sign In Sheet is provided on the next page.

Topics to be covered under annual training as well as new hire training are:

WASTE DISPOSAL EDUCATION: Training will include how to respond to inquiries regarding proper waste disposal.

CONTROL MEASURES: Training will include an overview of the Pet Waste Control, Litter Control, Improper Waste Disposal Control, Wildlife Feeding Control and Illicit Connection Prohibition measures, where applicable. This overview will include requirements, enforcements policies and hazards associated with improper waste disposal.

VEGETATIVE WASTE: Training will include details on handling, storage and disposal of vegetative wastes and the frequency of pickups and schedules. Training shall also include alternatives such as composting and recycling.

ILLICIT CONNECTION ELIMINATION AND OUTFALL PIPE MAPPING: Training will include information regarding the hazards associated with illicit connections and details of the program including investigation techniques, physical observations, field sampling, and mapping procedures.

STREET SWEEPING: Training will include sweeping schedules and record keeping requirements.

ROAD EROSION CONTROL AND OUTFALL PIPE STREAM SCOURING REMEDIATION: Training will include identifying road erosion and outfall pipe scouring and repairs.

MAINTENANCE YARD OPERATIONS: Training will include de-icing material storage, fueling, vehicle maintenance; equipment/vehicle washing and good housekeeping stand operating procedures (SOPs).

Employee Training Log Sign In Sheet

COURSE TOPICS			
#1	Waste Disposal Education	#2	Control Measured
#3	Vegetative Waste	#4	Illicit Connection Elimination and Outfall Pipe Mapping
#5	Street Sweeping	#6	Stormwater Facility Maintenance
#7	Road Erosion Control and Outfall Pipe Scouring Remediation	#8	Maintenance Yard Operations
#9	Construction Activity/Post-Construction Stormwater Management		

SIGN IN SHEET				
Date	Print Name / Sign Name	Check all appropriate Topics		
		□ Topic #1	□ Topic #4	□ Topic #7
		□ Topic #2	□ Topic #5	□ Topic #8
		□ Topic #3	□ Topic #6	□ Topic #9
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Employee Training Log Sign In Sheet

Date	Print Name / Sign Name	Check all appropriate Topics		
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		□ Topic #3	□ Topic #6	□ Topic #9

FIGURES

COUNTY OF MONMOUTH
Department of Public Works and Engineering
Division of Highways - District Maintenance Yards

	Phone #	Districts
John Tobia, Director of Public Works & Engineering	(732) 683-8757 x2131	
James Cerreta, Assistant Director	(732) 577-5883 x5883	
Joseph Santora, County Superintendent Roads	(732) 431-6550 x2429	
Gary Fread, County Superintendent Roads	(732) 431-6550 x6558	
Ron Boyce, General Supervisor	(732) 431-6550 x6551	5, 6, 8, 10
Alex Whiteside, Acting General Supervisor	(732) 431-6550 x9343	1, 3, 4, 7
David Milmoe, Acting General Supervisor	(732) 431-6550 x2119	2, 9
David Morris, Management Assisstant	(732) 683-8758 x5885	
Robert Dickerson, Supervising Road Inspector	(732) 409-7572 x7572	
Chris Lane, Senior Road Inspector	(732) 409-7573 x7573	3, 4, 5, 6, 7
Eric Zimmer, Road Inspector	(732) 409-7574 x7574	1, 8, 9, 10
Ellias Sarrinikolaou, Lanscape Architect	(732) 409-7906 x7906	

Revised: March 2018

COUNTY OF MONMOUTH
Division of Highways
(732) 431-6550

District #1
Michael Ruscett, Supervisor - x8480
Michael DePalma, Act. Asst. Supervisor - x8480
218 East Road, Middletown, NJ

Covers All Districts
District #2 (Construction, Milling, and Paving)
Donald Holmes, Act. Supervisor - x6676
Brian Ruggiero, Act. Asst. Supervisor - x6676
240 Center Street, Freehold, NJ

District #3
Kevin Ortiz, Supervisor - x3783
Mark Koehler, Act. Asst. Supervisor - x5935
1160 Pine Brook Road, Tinton Falls, NJ

District #4
Dominick Del Bene, Act. Supervisor - x6066
Robert Marshall, Act. Asst. Supervisor - x6066
2060 Hospital Road, Wall, NJ

District #5
Scott Schmitt, Supervisor - x5550
Rich Kniesler, Asst. Supervisor - x5550
383 Cranberry Road, Farmingdale, NJ

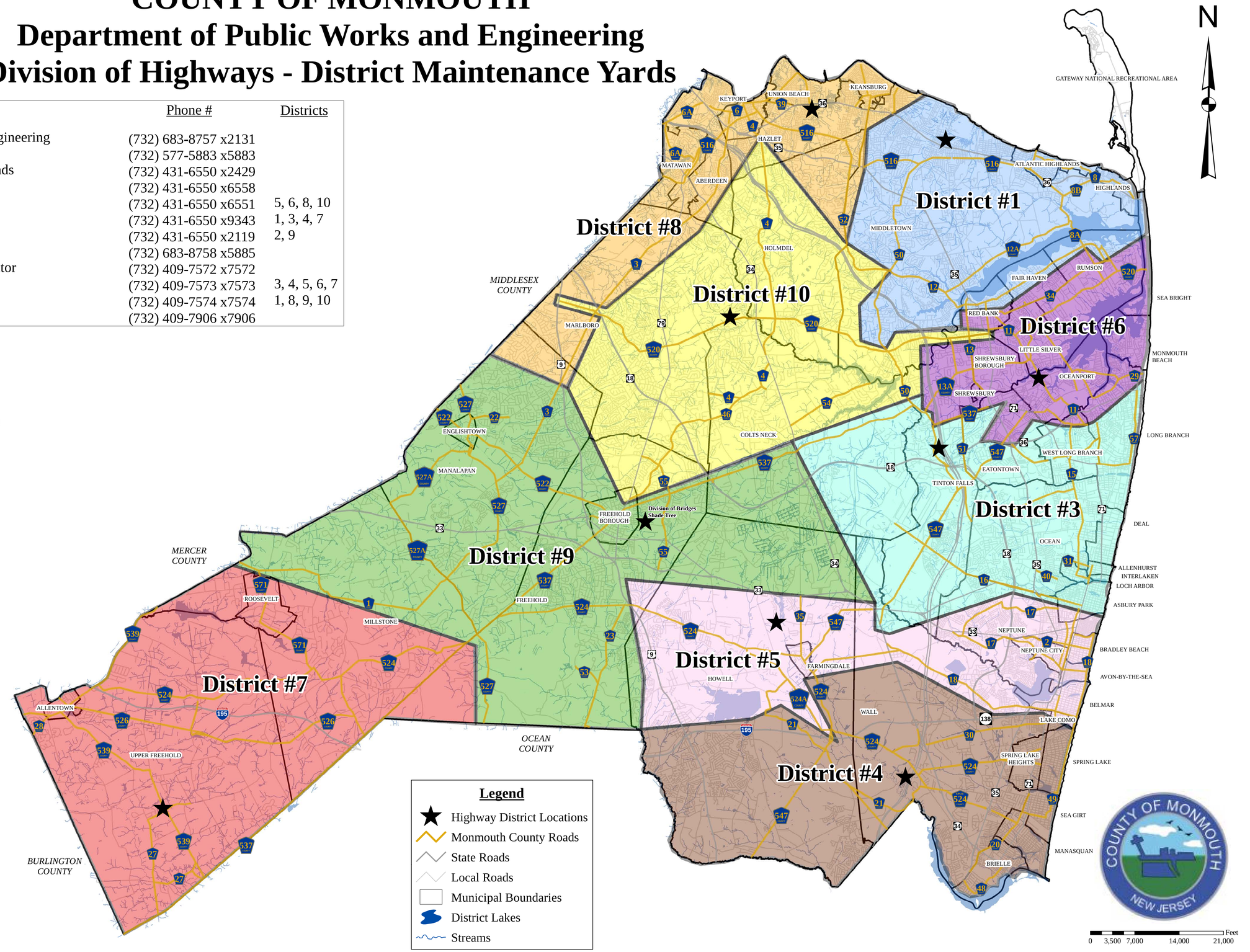
District #6
Kyle Kacicz, Supervisor - x9345
Jason Lawhon, Asst. Supervisor - x9345
750 Wilson Avenue, Eatontown, NJ

District #7
Rich Floyd, Act. Supervisor - 609-758-8281
Steve Toporek, Asst. Supervisor - 609-758-8281
231 County Route 539, Upper Freehold, NJ

District #8
Daniel Frizell, Supervisor - x6771
Ron Burkhardt, Act. Asst. Supervisor - x6771
1621 Union Avenue, Hazlet, NJ

District #9
Nick Killmer, Supervisor - x6679
Charles Cocuzza, Act. Asst. Supervisor - x6679
240 Center Street, Freehold, NJ

District #10
Pete Gray, Act. Supervisor - x4861
Steve Walters, Asst. Supervisor - x4861
690 County Route 520, Marlboro, NJ



drawn by: JAG

Scale : 1" = 7,000' Date: March 29, 2018

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HIGHWAY DISTRICT #1
BLOCK 302, LOT 8
218 EAST ROAD, MIDDLETOWN
MONMOUTH COUNTY, NEW JERSEY

HIGHWAY DISTRICT #3
1160 PINE BROOK ROAD
BLOCK 97; LOT 21.01
TINTON FALLS BORO MONMOUTH CNTY, NJ

HIGHWAY DISTRICT #4
2060 HOSPITAL ROAD
BLOCK 957; LOT 5
WALL TOWNSHIP MONMOUTH CNTY, NJ

MONMOUTH COUNTY HIGHWAY DISTRICT #5
383 CRANBERRY RD, HOWELL TOWNSHIP
BLOCK 184 LOT 24.03
MONMOUTH COUNTY, NEW JERSEY

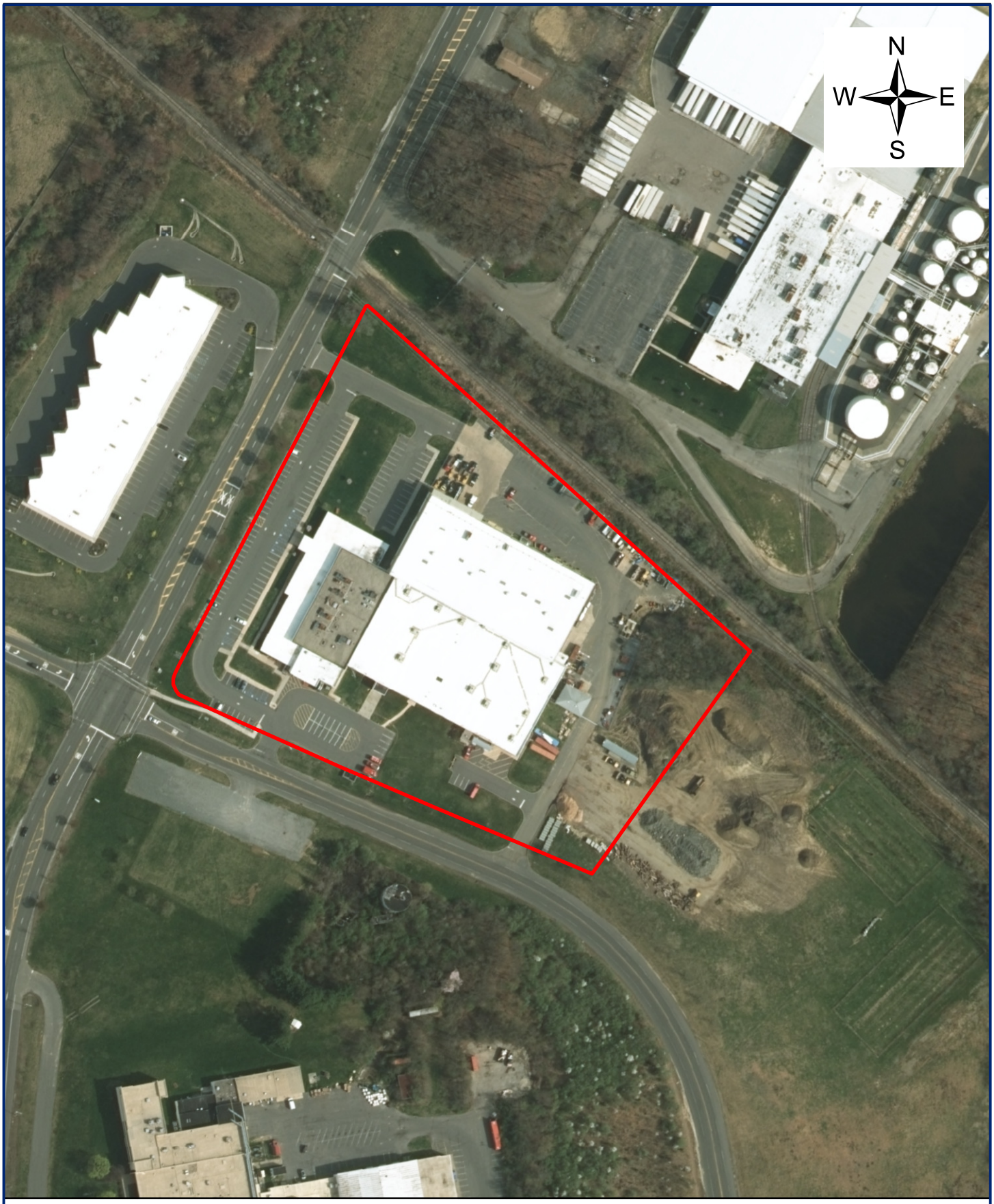
DISTRICT 6 GARAGE
BLOCK 301 LOT p/o 1
750 WILSON AVENUE
EATONTOWN BORO, MONMOUTH COUNTY, NJ

HIGHWAY DISTRICT #7
231 ROUTE 539
BLOCK 39; LOTS 2 & 3
UPPER FREEHOLD TWP MONMOUTH CNTY, NJ

HIGHWAY DISTRICT #8
BLOCK 120 LOT 1
1621 UNION AVENUE
HAZLET TWP, MONMOUTH COUNTY, NJ

DISTRICT 2, DISTRICT 9, DIV. OF BRIDGES, TRAFFIC SAFETY UNIT, 240 CENTER STREET
DIV. OF FLEET SERV., FUELING STATION, VEHICLE WASH 250 CENTER STREET
BLOCK 43 LOTS 16, 16.01, 18, 18.01
250 CENTER STREET
FREEHOLD TWP, MONMOUTH COUNTY, NJ

HIGHWAY DISTRICT #10
BLOCK 157 LOT 11
690 ROUTE 520
MARLBORO TWP, MONMOUTH CTY, NJ



BUILDINGS AND GROUNDS (SPECIAL SERVICES)
BLOCK 78 LOT 8.02
300 HALLS MILL ROAD
FREEHOLD TWP, MONMOUTH COUNTY, NJ

APPENDIX I

Highway Agency Stormwater General Permit
(NJ0141887)
FINAL - NJPDES Master General Permit Renewal

PART I
NARRATIVE REQUIREMENTS:

A. Authorization Under this Permit

1. Permit Area

a. This permit applies to all areas of the State of New Jersey.

2. Eligibility

a. This permit may authorize all new and existing stormwater discharges to surface water and groundwater from small municipal separate storm sewer systems (MS4s) at highways or other thoroughfares owned or operated by a Highway Agency (Highway Agency) under N.J.A.C. 7:14A-25.2(a)3 except as provided in A.5 below.

b. A "Highway Agency" is a county, State, interstate, or Federal agency that operates a small MS4 at a highway or other thoroughfare (including a maintenance or service facility or rest area for such a thoroughfare). For purposes of N.J.A.C. 7:14A-25 and this permit, a “highway or other thoroughfare” does not include:

i. Any thoroughfare confined to the grounds of a single building, or of two or more buildings that are not a “public complex” pursuant to N.J.A.C. 7:14A-25.2(a)2 (unless that building(s) is a maintenance or service facility for a highway or other thoroughfare not confined to such grounds);

ii. Any thoroughfare confined to the grounds of a “public complex” (each such thoroughfare is instead part of the “public complex”); or

iii. Any thoroughfare (other than the Palisades Interstate Parkway) confined to an officially designated park, forest, recreational area, natural area, wildlife management area, or set aside for water supply protection.

c. On a case-by-case basis, the Department may use this permit to authorize new and existing stormwater discharges to surface water and groundwater from municipal separate storm sewers owned or operated by a county, State, interstate, or Federal agency at a thoroughfare identified under b.iii above, or by an agency (other than a county, State, interstate, or Federal agency) at a thoroughfare not identified under b.i or b.ii above. As used in this permit, the term "Highway Agency" includes such agencies, and the term "small MS4" includes such municipal separate storm sewers, pursuant to this provision of this permit. This provision does not apply to:

i. Any municipal separate storm sewer that is owned or operated by a municipality that is assigned to Tier A under N.J.A.C. 7:14A-25.3(a)1; or

ii. Any municipal separate storm sewer that is owned or operated by a municipality that is assigned to Tier B under N.J.A.C. 7:14A-25.3(a)2, unless the stormwater discharge from that sewer is identified under N.J.A.C. 7:14A-

25.2(a)4 (special designations) but the Department does not determine that such identification warrants assignment of the municipality to Tier A under N.J.A.C. 7:14A-25.3(a)1v.

d. After the Effective Date of Permit Authorization (EDPA), the permit authorizes the following new and existing non-stormwater discharges from small MS4s owned or operated by Highway Agencies:

i. Water line flushing and discharges from potable water sources

ii. Uncontaminated ground water (e.g., infiltration, crawl space or basement sump pumps, foundation or footing drains, rising ground waters)

iii. Air conditioning condensate (excluding contact and non-contact cooling water)

iv. Irrigation water (including landscape and lawn watering runoff)

v. Flows from springs, riparian habitats and wetlands, water reservoir discharges and diverted stream flows

vi. Residential car washing water, and residential swimming pool discharges

vii. Sidewalk, driveway and street wash water

viii. Flows from fire fighting activities including the washing of fire fighting vehicles

ix. Flows from rinsing of the following equipment with clean water:
- Beach maintenance equipment immediately following their use for their intended purposes; and
- Equipment used in the application of salt and de-icing materials immediately following salt and de-icing material applications. Prior to rinsing with clean water, all residual salt and de-icing materials must be removed from equipment and vehicles to the maximum extent practicable using dry cleaning methods (e.g., shoveling and sweeping). Recovered materials are to be returned to storage for reuse or properly discarded.
Rinsing of equipment in the above situations is limited to exterior, undercarriage, and exposed parts and does not apply to engines or other enclosed machinery.

e. If any of the discharges listed in 2.d above are identified by the Highway Agency as a significant contributor of pollutants to or from the MS4, the Highway Agency must address the discharge as an illicit connection or as an improper disposal of waste as specified in Part I, Section F of this permit.

3. Authorization

a. In order to obtain authorization under this permit (except for automatic renewal of authorization under A.4 below) a complete Request for Authorization (RFA) shall be submitted in accordance with the requirements of this permit. Upon review of the RFA, the Department may, in accordance with N.J.A.C. 7:14A-6.13, either:

i. Issue notification of authorization under this permit, in which case, authorization is deemed effective the first day of the following month of the date of the notification of authorization;

ii. Deny authorization under this permit and require submittal of an application for an individual permit; or

iii. Deny authorization under this permit and require submittal of an RFA for another general permit.

b. For discharges from a small MS4 authorized by this permit, the Highway Agency is exempt from N.J.A.C. 7:14A-6.2(a)2. This exemption means that the discharge of any pollutant not specifically regulated in the NJPDES permit or listed and quantified in the NJPDES application or RFA shall not constitute a violation of the permit.

c. Authorization under this permit shall cease to be effective under N.J.A.C. 7:14A-6.13(f), (h), (j) and (o), where applicable.

4. Automatic Renewal of Authorization

a. Authorization under this permit will be automatically renewed when this general permit is reissued as provided by N.J.A.C. 7:14A-6.13(d)9 and 25.4(a)3 so long as the discharge authorized under the general permit continues to be eligible. The Department shall issue a notice of renewed authorization to the Highway Agency.

b. If the Highway Agency is aware of any information in the most recently submitted RFA that is no longer true, accurate, and/or complete, the Highway Agency shall provide the correct information to the Department within 90 days of the effective renewal authorization notice.

5. Stormwater Discharges Not Authorized

a. This permit does not authorize "stormwater discharge associated with industrial activity" as defined in N.J.A.C. 7:14A-1.2. Types of facilities that a Highway Agency may operate and that are considered to be engaging in "industrial activity" include but are not limited to certain landfills and recycling facilities, certain transportation facilities (including certain local passenger transit and air transportation facilities), certain facilities handling domestic sewage or sewage sludge, steam electric power generating facilities, and construction activity that disturbs five acres or more (see N.J.A.C. 7:14A-1.2 for the full definition of "stormwater discharge associated with industrial activity"). Any Highway Agency that operates an industrial facility with such a discharge must submit a separate request for authorization (RFA) or individual permit application for that discharge. An RFA submitted for the Highway Agency Stormwater General Permit does not qualify as an RFA for such a discharge.

i. Deadlines to apply for a NJPDES permit for "stormwater discharge associated with industrial activity" are set forth in N.J.A.C. 7:14A-24.4(a)1. If such a discharge is from a facility (other than an airport, powerplant, or uncontrolled sanitary landfill) that is owned or operated by a Highway Agency with a population of less than 100,000, the Highway Agency shall submit the RFA or individual permit application by March 3, 2004. If such a discharge is from any other industrial facility, N.J.A.C. 7:14A-24.4(a)1 specifies earlier deadlines to apply.

b. This permit does not authorize "stormwater discharge associated with small construction activity" as defined in N.J.A.C. 7:14A-1.2. In general, this is the discharge to surface water of stormwater from construction activity that disturbs at least one but less than five acres (see N.J.A.C. 7:14A-1.2 for the full definition). Any Highway Agency that operates a construction site with such a discharge must submit a separate RFA or individual permit application for that discharge. An RFA submitted for the Highway Agency Stormwater General Permit does not qualify as an RFA for such a discharge.

c. This permit does not authorize any stormwater discharge that is authorized under another NJPDES permit. A Highway Agency does not have to implement measures contained in this NJPDES permit for stormwater discharges at facilities owned or operated by that Highway Agency that are regulated under a separate NJPDES stormwater permit authorizing those discharges.

d. This permit does not authorize stormwater discharges from projects or activities that conflict with an adopted areawide or Statewide WQM plan.

B. Requests for Authorization Requirements

1. Deadline for Requesting Authorization for an Existing Discharge

a. An RFA for the existing discharges from the small MS4 owned or operated by a Highway Agency must be submitted to the Department on or before March 3, 2004, except as provided below.

i. The Department may, in its discretion, accept an RFA submitted after the foregoing deadline; however, the Highway Agency may still be held liable for violating the deadline to apply in accordance with N.J.A.C. 7:14A-25.4 and for discharging pollutants without a valid NJPDES permit in accordance with N.J.A.C. 7:14A-2.1(d).

2. Deadline for Requesting Authorization for a New Discharge

a. An RFA for discharges from a new small MS4 owned or operated by a Highway Agency must be submitted to the Department at least ninety (90) days prior to the operation of the new MS4 system.

i. A Highway Agency that already has authorization to discharge from a small MS4 under the Highway Agency Stormwater General Permit does not need to submit an additional RFA for the expansion of an existing small MS4.

ii. A new small MS4 is a small MS4 that did not exist on March 1, 2009 and results in a new discharge to surface or ground waters of the State.

3. Requesting Authorization

a. A separate RFA shall be submitted by each Highway Agency applying for authorization under this permit.

i. A single RFA may be submitted for the stormwater discharge from an entire small MS4 owned and operated by a Highway Agency, or the Highway Agency may divide the small MS4 into smaller regions and submit a separate RFA for each of these smaller regions.

ii. The Department may choose to issue single or multiple authorizations under this permit to a Highway Agency regardless of whether the Highway Agency submitted a single or multiple RFAs.

4. Contents of the Request for Authorization

a. A completed RFA shall include all of the following information regarding the Highway Agency and shall be completed using the Department's RFA form:

i. The name of the Highway Agency that operates the small MS4, and the address of the main Highway Agency office (or other appropriate office if the RFA is for a smaller region).

ii. The name and mailing address of the Stormwater Program Coordinator of the Highway Agency who will submit any reports or certifications required by the permit and to whom the Department shall send all correspondence concerning the permit.

iii. A certification acknowledging the best management practices and measurable goals specified in the permit.

iv. A list of the locations of any maintenance facilities, service areas, or rest stops on property owned or operated by the Highway Agency.

v. If the RFA is for a smaller region, a map identifying the region.

vi. A list of other NJPDES Stormwater Permits held by the Highway Agency.

vii. Additional information may be required by the Department to be included as part of the RFA if the Department determines that such additional information (including other data, reports, specifications, plans, permits, or other information) is reasonably necessary to determine whether to authorize the discharge under this permit.

5. Where to Submit

a. A completed and signed RFA shall be submitted to the Department at the address specified on the Department's RFA form.

C. Definitions

1. The following definitions apply to this permit.

a. “Catch Basin” means a cistern, vault, chamber or well that is usually built along a street as part of the storm sewer system to capture sediment, debris, and pollutants.

b. “EDPA” means Effective Date of Permit Authorization.

c. “Existing Highway Agency” means a Highway Agency that was authorized to discharge under the Highway Agency Stormwater General Permit on February 28, 2009 (or whose authorization to discharge under that permit was transferred from such a Highway Agency).

d. “Illicit connection” means any physical or non-physical connection that discharges the following to a municipal separate storm sewer system, unless that discharge is authorized under a NJPDES permit other than the NJPDES permit for discharges from

that system (non-physical connections may include, but are not limited to, leaks, flows, or overflows into the municipal separate storm sewer system):

i. Domestic sewage;

ii. Non-contact cooling water, process wastewater, or other industrial waste (other than stormwater); or

iii. Any category of non-stormwater discharges that a Highway Agency for the MS4 identifies as a source or significant contributor of pollutants pursuant to 40 C.F.R. 122.34(b)(3)(iii).

e. "MS4" means a municipal separate storm sewer system.

f. "Municipal separate storm sewer" means a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels, or storm drains):

i. Owned or operated by the United States, an interstate agency, a State, city, town, borough, county, parish, district, association, or other public body (created by or pursuant to State law) having jurisdiction over disposal of sewage, industrial wastes, stormwater, or other wastes, including special districts under State law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe organization, or a designated and approved management agency under section 208 of the CWA that discharges to surface water or groundwater;

ii. Designed and used for collecting or conveying stormwater;

iii. Which is not a combined sewer;

iv. Which is not part of a POTW; and

v. Which is not either of the following:
- A separate storm sewer(s) that is at an industrial facility, and that collects or conveys stormwater discharges associated with industrial activity that occurs at that facility; or
- A separate storm sewer(s) that is at a construction site, and that collects or conveys stormwater discharges associated with small construction activity that occurs at that site.

g. "New Highway Agency" means a Highway Agency that obtains its first authorization to discharge under the Highway Agency Stormwater General Permit after February 28, 2009 (unless that authorization was transferred from a Highway Agency that obtained that authorization before February 28, 2009).

h. "Original EDPA" means the initial date of authorization to discharge under the Highway Agency Stormwater General Permit issued on February 2, 2004.

i. "Permanent Structure" means a permanent building or permanent structure that is anchored to a permanent foundation with an impermeable floor, and that is completely roofed and walled (a door is recommended, but not required). A fabric frame structure is a permanent structure if it meets the following specifications:

i. structure must be designed to withstand at least 110 mph winds;

ii. structure must be covered by a PVC or other similar fire rated material with a minimum twenty (20) year warranty;

iii. concrete blocks, jersey barriers or other similar material must be placed around the interior of the structure to protect the side walls during loading and unloading de-icing materials;

iv. the design must prevent stormwater run-on and run through;

v. structure must be erected on an impermeable slab;

vi. structure cannot be open sided; and

vii. must have a roll up door or other means of sealing the access way from wind driven rainfall.

j. "Small municipal separate storm sewer system" or "small MS4" means all municipal separate storm sewers (other than "large" or "medium" municipal separate storm sewer systems as defined in N.J.A.C. 7:14A-1.2) that are:

i. Owned or operated by municipalities described under N.J.A.C. 7:14A-25.1(b);

ii. Owned or operated by county, State, interstate, or Federal agencies, and located at public complexes as described under N.J.A.C. 7:14A-25.2(a)2;

iii. Owned or operated by county, State, interstate, or Federal agencies, and located at highways and other thoroughfares as described under N.J.A.C. 7:14A-25.2(a)3; or

iv. Owned or operated by county, State, interstate, Federal or other agencies, and receive special designation under N.J.A.C. 7:14A-25.2(a)4.

k. "Solid and floatable materials" means sediment, debris, trash, and other floating, suspended, or settleable solids.

l. "Stormwater" means water resulting from precipitation (including rain and snow) that runs off the land's surface, is transmitted to the subsurface, is captured by separate storm sewers or other sewerage or drainage facilities, or is conveyed by snow removal equipment.

m. "Stormwater facility" includes, but is 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.

n. "Yard waste" means loose leaves and grass clippings.

D. Special Conditions

1. Sharing of Responsibilities

a. A Highway Agency may rely on another governmental, private, or nonprofit entity (for example, a watershed association) to satisfy the Highway Agency's NJPDES permit obligations to implement one or more control measures (or components(s) thereof) pursuant to N.J.A.C. 7:14A-25.7(a) if:

i. The other entity, in fact, implements the measure(s), or component(s) thereof;

ii. The particular measure(s), or component(s) thereof, is at least as stringent as the corresponding NJPDES permit requirement;

iii. The other entity agrees in writing (or is required by law) to implement the measure(s), or component(s) thereof, on the Highway Agency's behalf. The Highway Agency is responsible for compliance with this permit if the other entity fails to implement the measure(s), or component(s) thereof. In the annual reports the Highway Agency must submit under Part I, Section H.3, the Highway Agency shall specify that it is relying on another entity to satisfy some of the Highway Agency's NJPDES permit obligations.

iv. If the Highway Agency is relying on another entity regulated under the NJPDES permit program to satisfy all of that Highway Agency's NJPDES permit obligations, including that Highway Agency's obligation to file these annual reports, the Highway Agency shall notify the Department of this reliance in writing, and shall also note this reliance in the Highway Agency's SPPP.

E. Stormwater Program and Stormwater Pollution Prevention Plan

1. Stormwater Program

a. Highway Agencies are required to develop, implement, and enforce a stormwater program. This program shall be designed to reduce the discharge of pollutants from the Highway Agency's small MS4 to the maximum extent practicable, to protect water quality, and to satisfy the appropriate water quality requirements of the Federal Act and the State Act by including the Statewide Basic Requirements (SBRs) set forth in Part I, Section F and any Additional Measures (AMs) required under Part I, Section G below. At the Highway Agency's discretion, the stormwater program may also include Optional Measures (OMs) also in accordance with Part I, Section G below.

2. Stormwater Pollution Prevention Plan (SPPP)

a. Highway Agencies shall have prepared and implemented a written Stormwater Pollution Prevention Plan (SPPP) that describes the Highway Agency's stormwater program and serves as the mechanism for the implementation of the Statewide Basic Requirements. The SPPP must address stormwater quality issues related to new development, redevelopment and existing development. The SPPP shall include, at a minimum, all the items identified in Attachment A.

i. Highway Agency's shall revise their SPPP on or before June 1, 2009 to incorporate additional Statewide Basic Requirements, best management practices and other changes required by the renewal of the Highway Agency Permit.

ii. The SPPP shall be signed, dated and retained by the Stormwater Program Coordinator of the Highway Agency.

b. For any projects or activities which the Highway Agency contracts out to private contractors after the EDPA, the awarded contract must require the contractor to conduct projects or activities in a manner that complies with the Highway Agency's SPPP and this permit's conditions. The Highway Agency is responsible for any violations of this permit resulting from a contractor's noncompliance.

c. SPPPs may be amended so long as they continue to meet the requirements of this permit. Any amended SPPPs shall be signed, dated, implemented, retained, and otherwise treated in the same manner as the original SPPP. The Highway Agency shall retain each previous SPPP for a period of at least five years from the date of that previous SPPP. This period may be extended by written request of the Department at any time.

F. Statewide Basic Requirements (SBRs)

1. Stormwater quality issues related to new development, redevelopment and existing development at the Highway Agency's small MS4 are to be addressed through the implementation of the following Statewide Basic Requirements (SBRs). The permit specifies the BMPs that will be implemented for those SBRs. These SBRs and related BMPs are to be detailed in the Highway Agency's SPPP.

a. Additional information is provided and each of the SBRs and related BMPs are described in more detail in the Department's Highway Agency Stormwater Permit Guidance Document.

2. Public Notice

a. Minimum Standard - Highway Agencies shall comply with applicable State and local public notice requirements when providing for public participation in the development and implementation of the Highway Agency's stormwater program.

b. Measurable Goal - Highway Agencies shall certify annually that all applicable State and local public notice requirements were followed.

c. Implementation – On March 1, 2009 and thereafter.

3. Post-Construction Stormwater Management in New Development and Redevelopment

a. Minimum Standard - To prevent or minimize water quality impacts, the Highway Agency shall develop, implement, and enforce a program to address stormwater runoff from new development and redevelopment projects on property owned or operated by the Highway Agency that disturb one acre or more, including projects less than one acre that are part of a larger common plan of development or sale, that discharge into the Highway Agency's small MS4. The Highway Agency shall in its post-construction program:

i. Comply with the applicable design and performance standards established under N.J.A.C. 7:8 for major development, unless:
- Those standards do not apply because of a variance or exemption granted under N.J.A.C. 7:8; or
- Alternative standards are applicable under an areawide or Statewide Water Quality Management Plan adopted in accordance with N.J.A.C. 7:15.

ii. Ensure adequate long-term operation and maintenance of BMPs.

iii. Comply with standards set forth in Attachment C of the permit to control passage of solid and floatable materials through storm drain inlets.

iv. Projects that do not require any Department permits (the term "permit", in this case, shall include transition area waivers under the Freshwater Wetlands Protection Act) under the Flood Hazard Area Control Act (N.J.S.A. 58:16A-50

et seq.), Freshwater Wetlands Protection Act (N.J.S.A. 13:9B-1 et seq.), Coastal Area Facility Review Act (N.J.S.A.:19-1 et seq.), or Waterfront and Harbor Facilities Act (N.J.S.A. 12:5-3) are not considered "new development or redevelopment projects" if construction began prior to 12 months from the original EDPA, or if the projects went to bid or had right-of-way authorization prior to the original EDPA.

b. Measurable Goal – Highway Agencies shall certify annually that they have developed, implemented, and are actively enforcing a program to address stormwater runoff from new development and redevelopment projects in accordance with the minimum standard.

c. Implementation - On March 1, 2009 and thereafter, Highway Agencies shall:

i. Implement applicable design and performance standards established under N.J.A.C. 7:8 for major development at the Highway Agency pursuant to 3.a.i. above.

ii. Comply with the standards set forth in Attachment C of the permit to control passage of solid and floatable materials through storm drainage inlets for storm drain inlets the Highway Agency installs within the Highway Agency's small MS4.

iii. Ensure adequate long-term operation and maintenance of BMPs on property owned or operated by the Highway Agency.

4. Local Public Education

a. Local Public Education Program

i. Minimum Standard –The Local Public Education Program shall describe how the Highway Agency will distribute educational information to appropriate users and employees of the Highway Agency to satisfy this minimum standard. The following SBR topics shall be included in the Local Public Education Program: Storm Drain Labeling, Pet Waste Control, Improper Waste Disposal Control and Wildlife Feeding Control.
To satisfy the requirement to distribute educational material, Highway Agencies shall provide information material in any form (e.g., calendars, brochures, signs, sheets, booklets) by locating this material at rest areas and service areas located along the Highway Agency's small MS4.

ii. Measurable Goal - Highway Agencies shall certify annually that they have met the Local Public Education Program minimum standard.

iii. Implementation – On March 1, 2009 and thereafter, Highway Agencies shall comply with the Local Public Education Program minimum standard.

b. Storm Drain Inlet Labeling and Maintenance

i. Minimum Standard - Highway Agencies shall label and maintain the legibility of labels on all storm drain inlets located at rest areas, service areas, maintenance facilities, and storm drain inlets along streets with sidewalks within the Highway Agency's small MS4.

ii. Measurable Goal - Highway Agencies shall certify annually that a storm drain inlet labeling maintenance program has been developed and is being implemented.

iii. Implementation - Within 60 months from the original EDPA and thereafter, Highway Agencies shall ensure, for the storm drains identified in the minimum standard that all storm drain inlets are labeled and that the labels are being maintained.

5. Improper Disposal of Waste

a. Pet Waste Control

i. Minimum Standard - Highway Agencies shall, to the extent allowable under law, adopt and enforce an appropriate regulatory mechanism that requires pet owners or their keepers to immediately and properly dispose of their pet's solid waste deposited at rest areas and service areas within the Highway Agency's small MS4.

ii. Measurable Goal - Highway Agencies shall certify annually that they have met the Pet Waste Control minimum standard.

iii. Implementation - On March 1, 2009 and thereafter, Highway Agencies shall have fully implemented the Pet Waste Control minimum standard.

b. Litter Pick Up Program

i. Minimum Standard - Highway Agencies shall develop and implement a litter pick up program that includes roadside clean up of trash and debris and regular collection of refuse from litter receptacles owned and operated by the Highway Agency including those located at rest areas and service areas. Highway Agencies shall maintain records of roadside clean ups and estimates of the total amount of trash and debris collected.

ii. Measurable Goal - Highway Agencies shall certify annually that they have met the Litter Pick Up Program Control minimum standard and shall report dates of roadside clean ups and estimates of trash and debris collected.

iii. Implementation - On March 1, 2009 and thereafter, Highway Agencies shall have fully implemented the Litter Pick Up Program minimum standard.

c. Improper Waste Disposal Control

i. Minimum Standard - Highway Agencies shall, to the extent allowable under law, adopt and enforce an appropriate regulatory mechanism prohibiting the Highway Agency and its employees from the improper spilling, dumping, or disposal of materials other than stormwater into the Highway Agency's small MS4 (excluding those authorized in Part I, Section A.2.d). If the Highway Agency observes anyone else engaging in the improper spilling, dumping, or disposal of materials other than stormwater, the Highway Agency shall report the incident to the Department's Action Hotline (877-927-6337).

ii. Measurable Goal - Highway Agencies shall certify annually that they have met the Improper Waste Disposal Control minimum standard.

iii. Implementation - On March 1, 2009 and thereafter, Highway Agencies shall have fully implemented the Improper Waste Disposal Control minimum standard.

d. Wildlife Feeding Control

i. Minimum Standard - Highway Agencies shall, to the extent allowable under law, adopt and enforce an appropriate regulatory mechanism that prohibits the feeding on any property owned or operated by the Highway Agency of any wildlife (excluding confined animals, for example, wildlife confined in zoos, parks, or rehabilitation centers or unconfined wildlife at environmental education centers or feral cats as part of an approved Trap-Neuter-Release (TNR) program.)

ii. Measurable Goal - Highway Agencies shall certify annually that they have met the Wildlife Feeding Control minimum standard.

iii. Implementation - On March 1, 2009 and thereafter, Highway Agencies shall have fully implemented the Wildlife Feeding Control minimum standard.

e. Refuse Containers and Dumpsters

i. Minimum Standard - Highway Agencies shall ensure that dumpsters and other refuse containers that they own and operate, and that are outdoors or exposed to stormwater, are covered at all times, and prevent the spilling, dumping, leaking, or otherwise discharge of liquids, semi-liquids or solids from the containers (excluding temporary demolition containers, litter receptacles, and containers that hold large bulky items).

ii. Measurable Goal - Highway Agencies shall certify annually that they have met the Refuse Containers and Dumpsters minimum standard.

iii. Implementation - Highway Agencies shall have fully implemented the Refuse Containers and Dumpsters minimum standard on or before September 1, 2010.

6. Illicit Connection Elimination and MS4 Outfall Pipe Mapping

a. Minimum Standard

i. Storm Sewer Outfall Pipe Mapping – Highway Agencies shall complete and maintain an outfall pipe map showing the location of the end of all MS4 outfall pipes owned and operated by the Highway Agency which discharge to a surface water body (e.g., a lake, ocean, or stream including an intermittent stream).

ii. Prohibiting Illicit Connections - Each Highway Agency shall, to the extent allowable under law, effectively prohibit through an appropriate regulatory mechanism, illicit connections to the Highway Agency's small MS4, and implement appropriate enforcement procedures and actions.

iii. Illicit Connection Elimination Program – Highway Agencies must complete an initial physical inspection of all its outfall pipes and maintain an ongoing program to detect and eliminate illicit connections in accordance with the procedures found in Attachment B of the permit. The ongoing program will

respond to complaints and reports of illicit connections, including those from operating entities of interconnected small MS4s, and continue to investigate dry weather flows discovered during routine inspections and maintenance of the small MS4.

b. Measurable Goal

i. Highway Agencies shall certify annually that an outfall pipe map has been completed or is being prepared in accordance with permit conditions and shall report the number of outfall pipes mapped within the year being reported and the total number of outfall pipes mapped to date.

ii. Highway Agencies shall submit an annual certification to the Department certifying that an appropriate regulatory mechanism is in place prohibiting illicit connections and is being actively enforced.

iii. Highway Agencies shall certify annually that an illicit connection elimination program has been developed in accordance with permit conditions to detect and eliminate illicit connections into the Highway Agencies' small MS4. Annual certifications shall also include the number of outfalls physically inspected, the number of outfalls found to have dry weather flow, the number of illicit connections found and the number of illicit connections eliminated. Copies of inspection reports shall be submitted with the annual certification for those outfalls found to have dry weather flow.

c. Implementation

i. Storm Sewer Outfall Pipe Mapping – Within 60 months from the original EDPA, Highway Agencies shall have mapped the location of, and performed an initial inspection of, all outfall pipes subject to the minimum standard.

ii. Ordinance Prohibiting Illicit Connections – On March 1, 2009 and thereafter, Highway Agencies shall have adopted and shall enforce a regulatory mechanism to prohibit illicit connections to the Highway Agency's small MS4.

iii. Illicit Connection Elimination Program – On March 1, 2009 and thereafter, Highway Agencies shall continue to implement a program to detect and eliminate illicit connections into the Highway Agency's small MS4.

7. Solids and Floatable Controls

a. Street Sweeping

i. Minimum Standard –
(For County Agencies Only) County Highway Agencies shall sweep, at a minimum of once per month (weather and street conditions permitting) all streets (including roads or highways) that meet all of the following criteria:
- the street is owned or operated by the County Agency;
- the street is curbed and has storm drains;
- the street has a posted speed limit of 35 mph or less;
- the street is not an entrance or exit ramp; and
- the street is in a predominantly commercial area.

Highway Agencies other than County Highway Agencies shall sweep at a minimum of once per quarter (weather and street conditions permitting) all streets (including roads or higways) that meet all of the following criteria:
- the street is owned or operated by the Highway Agency;
- the street is curbed and has storm drains;
- the street has a posted speed limit of 35 mph or less;
- the street is not an entrance or exit ramp; and
- the street is in a predominantly commercial area.

All remaining streets (including roads or highways) that they own or operate shall be swept at a minimum of once every 2 years.

ii. Measurable Goal - Highway Agencies shall certify annually that they have met the Street Sweeping minimum standard. Highway Agencies must maintain records including the date and areas swept, number of miles of streets swept and the total amount of materials collected. Information shall be reported to the Department in the annual report and certification.

iii. Implementation - On March 1, 2009 and thereafter, Highway Agencies shall have fully implemented a street sweeping program that meets the minimum standard above.

b. Storm Drain Inlets

i. Minimum Standard - Retrofitting of existing storm drain inlets to meet the standard contained in Attachment C of the permit is required where such inlets are in direct contact with repaving, repairing (excluding repair of individual potholes), reconstruction, resurfacing (including top coating or chip sealing with asphalt emulsion or a thin base of hot bitumen), or alterations of facilities owned or operated by the Highway Agency. For exemptions to this standard, refer to "Exemptions" in Attachment C.

ii. Measurable Goal – Highway Agencies shall certify annually that such storm drain inlets have been retrofitted to meet the minimum standard contained in Attachment C, unless otherwise exempted.

iii. Implementation - On March 1, 2009 and thereafter, Highway Agencies shall retrofit all such storm drain inlets in accordance with the Storm Drain Inlets minimum standard.

c. Stormwater Facility Maintenance

i. Minimum Standard - Highway Agencies shall continue to implement a stormwater facility maintenance program for cleaning and maintenance of all stormwater facilities operated by the Highway Agency. Stormwater facilities include, but are not limited to: catch basins, detention basins, filter strips, riparian buffers, infiltration trenches, sand filters, constructed wetlands, wet ponds, bioretention systems, low flow bypasses, and stormwater conveyances. The stormwater facility maintenance must be performed as required to ensure the proper function and operation of the stormwater facility.

ii. Measurable Goal - Highway Agencies shall certify annually that all stormwater facilities are properly functioning in accordance with the minimum

standard. If stormwater facilities were found not to be functioning properly and repairs were not made, a schedule for such repairs shall be included in the annual report and certification. Highway Agencies shall also maintain records of inspections, maintenance and repairs that were performed which shall be reported in the annual report and certification.

iii. Implementation - On March 1, 2009 and thereafter, Highway Agencies shall have implemented a stormwater facility maintenance program in accordance with the minimum standard.

d. Catch Basin Inspection and Cleaning

i. Minimum Standard – Highway Agencies shall inspect all catch basins operated by the Highway Agency for accumulated sediment, trash, and debris; and clean those basins to remove sediment, trash, or debris (if any observed during inspection). Highway Agencies with:
− less than 10,000 catch basins shall annually inspect and (to the extent noted above) clean at least 2,000 catch basins, or as many catch basins as they own and operate.
− 10,000 or more catch basins shall inspect and (to the extent noted above) clean all catch basins that they own and operate by February 28, 2014.

ii. Measurable Goal – Highway Agencies shall certify annually that all municipally owned and operated catch basins have been inspected and cleaned, as necessary. Highway Agencies shall maintain records including the number of catch basins owned and operated, the number of catch basins inspected, the number of catch basins cleaned, and the amount of materials collected during catch basin cleaning activities. This information shall be reported in the annual report and certification.

iii. Implementation - On March 1, 2009 and thereafter, Highway Agencies shall inspect and clean all catch basins in accordance with the Catch Basin Inspection and Cleaning minimum standard.

e. Outfall Pipe Stream Scouring Remediation

i. Minimum Standard - Highway Agencies shall implement a stormwater outfall pipe scouring detection, remediation and maintenance program to detect and control localized stream and stream bank scouring in the vicinity of outfall pipes operated by the Highway Agency. This program shall identify all areas where localized stream and bank scouring occurs as a result of stormwater discharges from the Highway Agency's MS4. These areas shall then be prioritized and repairs shall be scheduled and completed. Repairs shall be made in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey at N.J.A.C. 2:90-1 (e.g., Conduit Outlet Protection 12-1), or N.J.A.C. 16:25A where NJDOT is the Highway Agency.

ii. Measurable Goal - Highway Agencies shall certify annually that they have met the Outfall Pipe Stream Scouring Remediation minimum standard. In addition, the Highway Agency shall list the location of outfall scouring

identified, the dates control measures are to begin, and the dates any control measures were completed.

iii. Implementation - On March 1, 2009 and thereafter, Highway Agencies shall have implemented an outfall pipe stream scouring detection, remediation and maintenance program in accordance with the minimum standard.

f. Roadside Vegetation Management

i. Minimum Standard - Highway agencies shall implement a Roadside Vegetation Management Program that limits the application of herbicides and restricts the methods by which mulch is applied. Highway Agencies shall only apply herbicides in a 2 foot radius around structures where it is not practical to mow (such as around guardrails, signposts, telephone poles, etc.). If mulch is applied, it shall be stabilized in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey N.J.A.C. 2:90-1 (or N.J.A.C. 16:25A where NJDOT is the Highway Agency) to prevent it from being washed away with stormwater into the waters of the State.

ii. Measurable Goal – Highway Agencies shall certify annually that they have met the Roadside Vegetation Management minimum standard.

iii. Implementation - On March 1, 2009 and thereafter, Highway Agencies shall have implemented the Roadside Vegetation Management minimum standard.

8. Maintenance Yard Operations (including Maintenance Activities at Service Areas, and Ancillary Operations)

a. De-icing Material Storage

i. Minimum Standard - Highway Agencies shall store salt and other de-icing materials in a permanent structure (a permanent building or permanent structure that is anchored to a permanent foundation with a impermeable floor, and that is completely roofed and walled) and shall perform regular maintenance and inspections of both the permanent structure and the surrounding area (see Good Housekeeping in Appendix D).
Sand may be stored outside and uncovered if a 50-foot setback is maintained from storm sewer inlets, ditches or other stormwater conveyance channels, and surface water bodies.

ii. Measurable Goal - Highway Agencies shall certify annually that they have met the De-icing Material Storage minimum standard.

iii. Implementation - On March 1, 2009 and thereafter, Highway Agencies shall store salt, and other de-icing materials in accordance with the De-icing Material Storage minimum standard.

b. Equipment and Vehicle Washing

i. Minimum Standard – Highway Agencies shall manage any equipment and vehicle washing activities so that there are no unpermitted discharges of wash wastewater to the surface or ground waters of the State.
Highway Agencies shall maintain a record of where and when equipment and

vehicle washing occurs to document proper management of wash water discharge.

ii. Measurable Goal - Highway Agencies shall certify annually that there is no unpermitted discharge from vehicle and equipment washing activities and describe the BMP implemented at each of the locations where vehicle and equipment washing activities occur.

iii. Implementation – On March 1, 2009 and thereafter, Highway Agencies shall manage any equipment and vehicle washing activities so that there are no unpermitted discharges of wash wastewater to the surface or ground waters of the State.

c. Standard Operating Procedures

i. Minimum Standard - Highway Agencies shall implement standard operating procedures, which include the required practices listed in Attachment D, for each of the following activities:
− Vehicle fueling and receiving of bulk fuel deliveries;
− Vehicle maintenance and repair activities; and
− Good housekeeping practices for all materials or machinery listed in the Inventory Requirements for Maintenance Yard Operations prepared in accordance with Attachment D.

ii. Measurable Goal - Highway Agencies must certify annually that there are standard operating procedures in place for vehicle fueling, vehicle maintenance, and good housekeeping practices.

iii. Implementation - On March 1, 2009 and thereafter, Highway Agencies shall implement the required standard operating procedures.

9. Employee Training

a. Minimum Standard - Highway Agencies shall conduct an annual employee training for all employees on those stormwater topics which are applicable to their job and title. At a minimum, annual employee training will include the following topics:

i. Waste Disposal Education –Training shall include how to respond to inquires regarding proper waste disposal.

ii. Control Measures – Training shall include an overview of proper disposal of pet waste and littering, negative effects of feeding wildlife, what are illicit connections, proper application, storage and disposal of fertilizer and pesticides; appropriate refuse containers and dumpsters, enforcement policy, and hazards associated with improper waste disposal.

iii. Roadside Vegetation Management – Training shall include herbicide and mulch application requirements.

iv. Illicit Connection Elimination and Outfall Pipe Mapping – Training shall include information regarding the hazards associated with illicit connections and details of the program including investigation techniques, physical observations, field sampling, and mapping procedures.

v. Street Sweeping – Training shall include sweeping schedules and record keeping requirements.

vi. Stormwater Facility Maintenance - Training shall include catch basin cleaning schedules and record keeping requirements.

vii. Outfall Pipe Stream Scouring Remediation – Training shall include identifying outfall pipe scouring and repairs.

viii. Maintenance Yard Operations (including Ancillary Operations) – Training shall include de-icing material storage, fueling, vehicle maintenance, equipment/vehicle washing and good housekeeping SOPs, if applicable.

ix. Equipment and Vehicle Washing - Training shall include proper management of wash water discharge and record keeping requirements.

x. Construction Activity / Post-Construction Stormwater Management in New Development and Redevelopment – Training shall include information regarding the requirement to obtain a NJPDES construction activity stormwater permit (see Part I, Section A.5.a and A.5.b of this permit) and requirements for Post-Construction Stormwater Management in New Development and Redevelopment (See Part I, Section F.3 of this permit).

b. Measurable Goal - Highway Agencies must certify annually the date of the annual employee training.

c. Implementation - On March 1, 2009 and thereafter, Highway Agencies shall implement employee training in accordance with the minimum standard.

10. Construction Site Stormwater Runoff Control

a. Pursuant to N.J.A.C. 7:14A-25.6(b)2 and 25.7(b), the Department is responsible for developing, implementing, and enforcing a NJPDES permit program to reduce pollutants in stormwater runoff to small MS4s from construction activities. The Highway Agency is not required to include this SBR in its stormwater program or discuss this SBR in its SPPP.

G. Additional Measures and Optional Measures

1. Additional Measures

a. Additional Measures (AMs) are non-numeric or numeric effluent limitations that are expressly required to be included in the stormwater program by an adopted areawide or Statewide Water Quality Management Plan (WQM plan). AMs may modify or be in addition to SBRs. AMs may be required by a TMDL approved or established by USEPA, a regional stormwater management plan, or other elements of adopted areawide or Statewide WQM plans.

b. The Department will provide written notice of the adoption of an AM to each Highway Agency whose stormwater program will be affected, and will list each adopted AM in the permit by making a minor modification to the permit. The AMs, other than numeric effluent limitations, will specify the BMPs that must be implemented and the measurable goals for each BMP. The AMs will also specify time periods for implementation.

2. Optional Measures

a. At the Highway Agency's discretion, the stormwater program may also include Optional Measures (OMs), which are BMPs that are not implemented for SBRs or AMs but that prevent or reduce the pollution of the waters of the State.

H. Deadlines and Certifications

1. Stormwater Pollution Prevention Plan

a. On or before June 1, 2009, the Highway Agency shall revise their SPPP to incorporate changes required by the renewal of the Highway Agency Permit.

i. The SPPP shall include, at a minimum, all of the information and items identified in Attachment A. The SPPP shall be signed, dated and retained by the Highway Agency.

2. Statewide Basic Requirements

a. Each SBR contained in Part I, Section F of the permit has a specific implementation schedule based on the effective date of permit authorization. Each SBR shall be implemented in accordance with that schedule. Highway Agencies shall certify in the Annual Report and Certification the status of the implementation of each SBR and the date implementation was completed, as appropriate.

i. The Department may grant a six-month extension to the deadlines contained in an implementation schedule for any of the SBRs if the Highway Agency submits a written request for such extension, at least 30 days prior to the deadline, establishing to the Department's satisfaction that the Federal, State and local permits and approvals necessary for the construction of best management practices could not with due diligence be obtained within the time period set forth in Section F above. The written request shall be submitted to:
NJDEP
Division of Water Quality
Bureau of Nonpoint Pollution Control
Municipal Stormwater Regulation Program
P.O. Box 029
Trenton, NJ 08625-0029

3. Annual Report and Certification

a. Highway Agencies shall complete an Annual Report (on a form provided by the Department) summarizing the status of compliance with this permit including measurable goals and the status of the implementation of each SBR and BMP contained in Part I, Section F of the permit. This report shall include a certification that the Highway Agency is in compliance with its stormwater program, SPPP and this permit, except for any incidents of noncompliance. Any incidents of noncompliance with permit conditions shall be identified in the Annual Report and Certification. A copy of each Annual Report and Certification shall be kept at a central location and shall be made available to the Department for inspection.

i. If there are incidents of noncompliance, the report shall identify the steps being taken to remedy the noncompliance and to prevent such incidents from recurring.

ii. The Annual Report and Certification shall be signed and dated by the Highway Agency, and shall be maintained for a period of at least five years. This period may be extended by written request of the Department at any time.

b. The Annual Report and Certification shall be submitted to the Department pursuant to the following submittal schedule:

i. Submit an Annual Report and Certification: on or before every May 2nd annually.

ii. The Annual Report and Certification shall include information for activities and projects conducted by the Highway Agency between January 1 and December 31 of each reporting year.

I. Standard Conditions

1. The following general conditions are incorporated by reference. The Highway Agency is required to comply with the regulations, which were in effect as of March 1, 2009.

a. General Permits N.J.A.C. 7:14A-6.13

b. Penalties for Violations N.J.A.C. 7:14-8.1 et seq.

c. Incorporation by Reference N.J.A.C. 7:14A-2.3

d. Toxic Pollutants N.J.A.C. 7:14A-6.2(a)4i

e. Duty to Comply N.J.A.C. 7:14A-6.2(a)1 & 4

f. Duty to Mitigate N.J.A.C. 7:14A-6.2(a)5 & 11

g. Inspection and Entry N.J.A.C. 7:14A-2.11(e)

h. Enforcement Action N.J.A.C. 7:14A-2.9

i. Duty to Reapply N.J.A.C. 7:14A-4.2(e)3

j. Signatory Requirements for Applications and Reports N.J.A.C. 7:14A-4.9

k. Effect of Permit/Other Laws N.J.A.C. 7:14A-6.2(a)6 & 7 & 2.9(c)

l. Severability N.J.A.C. 7:14A-2.2

m. Administrative Continuation of Permits N.J.A.C. 7:14A-2.8

n. Permit Actions N.J.A.C. 7:14A-2.7(c)

o. Reopener Clause N.J.A.C. 7:14A-6.2(a)10, 16.4(b) & 25.7(b)

p. Permit Duration and Renewal N.J.A.C. 7:14A-2.7(a) & (b)

q. Consolidation of Permit Process N.J.A.C. 7:14A-15.5

r. Confidentiality N.J.A.C. 7:14A-18.2 & 2.11(g)

s. Fee Schedule N.J.A.C. 7:14A-3.1

t. UIC Corrective Action N.J.A.C. 7:14A-8.4

u. Additional Conditions Applicable to UIC Permits N.J.A.C. 7:14A-8.9

v. UIC Operating Criteria N.J.A.C. 7:14A-8.16

2. Operation And Maintenance

a. Need to Halt or Reduce not a Defense N.J.A.C. 7:14A-2.9(b)

b. Proper Operation and Maintenance N.J.A.C. 7:14A-6.12

3. Monitoring And Records

a. Monitoring N.J.A.C. 7:14A-6.5

b. Recordkeeping N.J.A.C. 7:14A-6.6

c. Signatory Requirements for Monitoring Reports N.J.A.C. 7:14A-6.9

4. Reporting Requirements

a. Planned Changes N.J.A.C. 7:14A-6.7

b. Reporting of Monitoring Results N.J.A.C. 7:14A-6.8

c. Noncompliance Reporting N.J.A.C. 7:14A-6.10 & 6.8(h)

d. Hotline/Two Hour & Twenty-four Hour Reporting N.J.A.C. 7:14A-6.10(c) & (d)

e. Written Reporting N.J.A.C. 7:14A-6.10(e) &(f) & 6.8(h)

f. Duty to Provide Information N.J.A.C. 7:14A-2.11, 6.2(a)14 & 18.1

g. Compliance Schedules N.J.A.C. 7:14A-6.4

h. Transfer N.J.A.C. 7:14A-6.2(a)8 & 16.2

5. Copies of the NJPDES rules may be purchased by contacting Lexis Nexis – Customer Service at (800) 223-1940, or go to the Lexis Nexis bookstore on the internet at www.lexisnexis.com/bookstore.

J. Additional Conditions

1. Agency and Public Review

a. The Highway Agency shall make the SPPP available upon request to an authorized representative of the Department and to the owner of and operating entity for any municipal separate storm sewer system that receives discharges from the Highway Agency's small MS4.

b. Upon review by an authorized representative, the Department may notify the Highway Agency at any time that the SPPP does not meet one or more of the minimum requirements. Within 30 days after receiving such notification (unless otherwise specified by the Department), the SPPP shall be amended to adequately address all deficiencies, and written certification of such amendments shall be submitted to the Department.

c. Highway Agencies shall make records required by this permit, including its SPPP, available to the public at reasonable times during regular business hours (see N.J.A.C. 7:14A-18 for confidentiality provisions).

2. Other Laws

a. In accordance with N.J.A.C. 7:14A-6.2(a)7, this permit does not authorize any infringement of State or local law or regulations, including, but not limited to the Pinelands rules (N.J.A.C. 7:50), N.J.A.C. 7:1E (Department rules entitled "Discharges

of Petroleum and other Hazardous Substances"), the New Jersey Register of Historic Places Rules (N.J.A.C. 7:4), and all other Department rules. No discharge of hazardous substances (as defined in N.J.A.C. 7:1E-1.6) resulting from an onsite spill shall be deemed to be "pursuant to and in compliance with [this] permit" within the meaning of the Spill Compensation and Control Act at N.J.S.A. 58:10-23.11c.

3. Operations and Maintenance Manual

a. In accordance with N.J.A.C. 7:14A-6.12(c), for a discharge authorized by this permit, the Highway Agency is exempt from the requirement to prepare an operations and maintenance manual.

Attachment A
CONTENTS OF THE STORMWATER POLLUTION PREVENTION PLAN

A. SPPP Team

1. The Stormwater Pollution Prevention Plan (SPPP) shall identify the person or persons responsible for implementing or coordinating the SPPP activities (including, at the Highway Agency's discretion, OMs).

B. Description of Required Best Management Practices

1. The SPPP shall identify and discuss each Statewide Basic Requirement (SBR) and best management practice (BMP) required by the Highway Agency Stormwater General Permit.

2. The SPPP shall identify and discuss each Additional Measure (AM), if any, required by the Highway Agency Stormwater General Permit.

3. The SPPP shall identify and discuss any Optional Measures (OMs) the Highway Agency chooses to include in its stormwater program.

4. For each SBR, AM, or OM included in the Highway Agency's stormwater program, the SPPP shall:

   a. Describe the method of implementation;

   b. Include detailed record keeping, as appropriate or as required;

   c. Include an implementation schedule consistent with permit requirements, including interim milestones;

   d. Include any special diagrams required by the permit (i.e., Storm Drain Inlet Labeling and Illicit Connection Elimination and MS4 Outfall Pipe Mapping);

   e. Sharing responsibilities (If the Highway Agency wants to share responsibilities for implementing one or more control measures (other than OMs) with one or more other entities pursuant to N.J.A.C. 7:14A-25.7(a), the SPPP must describe which measure(s) the Highway Agency will implement, and identify the entity(ies) that will implement the other measure(s));

   f. Maintenance schedules, as appropriate; and

   g. Inspection schedules, as appropriate.

C. Identifying Areas Served by Combined Sewer

1. Highway Agencies that want to exclude any "combined sewer area" from the stormwater program must include a map showing the boundaries of the combined sewer area. A "combined sewer area" is an area that is excluded because all stormwater from that area (and operated by the Highway Agency) is discharged to combined (or sanitary) sewer systems.

Attachment B
PROCEDURES FOR DETECTING, INVESTIGATING, AND ELIMINATING ILLICIT CONNECTIONS

Detection

An illicit connection for the purposes of this permit, is any physical or non-physical connection that discharges domestic sewage, non-contact cooling water, process wastewater, or other industrial waste (other than stormwater) to the Highway Agency's small MS4, unless that discharge is authorized under a NJPDES permit other than this Highway Agency Stormwater General Permit (non-physical connections may include, but are not limited to, leaks, flows, or overflows into the municipal separate storm sewer system). An illicit connection is also any category of non-stormwater discharges that a Highway Agency identifies as a source or significant contributor of pollutants pursuant to 40 C.F.R. 122.34(b)(3)(iii).

MS4 outfall pipes, for the most part, should not be discharging during substantial dry periods (72 hours after a rain event). Such flow is frequently referred to as "dry weather flow", which may be the result of an illicit connection. All dry weather flows are generally non-stormwater discharges, however not all dry weather flows are illicit connections. Some non-stormwater flows result from the improper disposal of waste (e.g., radiator flushing, engine degreasing, improper disposal of oil) and some may be the result of allowable discharges such as residential car washing, irrigation runoff, permitted (NJPDES) discharges and natural waters (e.g., spring water and groundwater infiltration). By using the Department's Illicit Connection Inspection Report form and making physical observations, a Highway Agency will compile information that will help determine if the dry weather flow is an illicit connection and the most likely source of the illicit connection. After making these physical observations, additional chemical field testing will enable a Highway Agency to further narrow the potential sources of the illicit connection.

The first physical observation is to observe if there is a dry weather flow. Some dry weather discharges are continuously flowing and some are intermittent. Observations will allow the Highway Agency to establish with reasonable certainty if there is an intermittent flow. If there are indications of intermittent flows (staining, odors, deterioration of outfall structure) follow-up investigations are required (see Investigation section). An estimate of the flow rate of the discharge shall also be noted (flow rate can be estimated by various methods, including timing how long it takes to fill a container of a known size). Additional physical observations and measurements shall be made for odor, color, turbidity, floatable matter, temperature, deposits and stains, vegetation and algal growth, and condition of outfall structure (see Illicit Connection Inspection Report form). Information compiled from physical observations and field monitoring should be used to help identify potential sources. These observations are very important since they are the simplest method of identifying grossly contaminated dry weather flows. If physical observations alone are sufficient to warrant further investigation, then field testing is not required.

If a dry weather flow exists and after making all physical observations (unless physical observations are enough to warrant further investigation), the Highway Agency shall field test for surfactants (detergents). If these flows contain surfactants in excess of the detection limit, Highway Agencies shall field test for ammonia (as N) and potassium to help distinguish sanitary wastewater sources from other non-stormwater flows that contain detergents. Non-stormwater discharges that are absent of surfactants shall be tested for fluoride to help distinguish potable from

non-potable sources. Highway Agencies should refer to the "Highway Agency Stormwater General Permit Guidance Manual" for assistance and interpretation of field testing results.

All of the tests for the tracing of illicit connections may be performed in the field by employees of the Highway Agency or may be contracted out. Lab certification for those parameters is **not** required, however all person(s) responsible for calibrating, maintaining, and taking field samples shall be trained in the use of the equipment and appropriate field testing protocol.

Investigation

Any storm sewer outfall pipe found during the initial inspection or on any subsequent inspection to have a non-stormwater discharge or indications of an intermittent non-stormwater discharge requires further investigation by the Highway Agency to identify and locate the specific source. Non-stormwater discharges suspected of being sanitary sewage and/or significantly contaminated shall be prioritized and investigated first. Investigations of non-stormwater discharges suspected of being cooling water, washwater, or natural flows may be delayed until after all suspected sanitary sewage and/or significantly contaminated discharges have been investigated, eliminated and/or resolved.

Dry weather flows believed to be an immediate threat to human health or the environment shall be reported immediately to the Department's Action Hotline at 1-877-WARNDEP (1-877-927-6337).

Physical observations and field testing can help narrow the identification of potential sources of a non-stormwater discharge. However it is unlikely that either will pinpoint the exact source. Therefore, Highway Agencies will need to perform investigations "upstream" to identify illicit connections to systems with identified problem outfalls.

All non-stormwater discharges, whether continuous or intermittent must be investigated by the Highway Agency. All investigations must be resolved. If the source is found to be a non-stormwater discharge authorized under Part I, Section A.2.d of the permit, no further action is required. If a non-stormwater discharge is found but no source is able to be located within six (6) months of beginning the investigation, then the Highway Agency shall submit to the Department a Closeout Investigation form to close out the investigation. The Highway Agency must document that a good faith effort was made to find the source of the dry weather discharge and document each phase of the investigation. If the observed discharge is intermittent the Highway Agency must document, in the Illicit Connection Inspection Report form, that a minimum three (3) separate investigations were made to observe the discharge when it is flowing. If these attempts are unsuccessful, the Highway Agency shall submit to the Department the Closeout Investigation form noted above. However, since this is an ongoing program, the Highway Agency should periodically recheck these suspected intermittent discharges.

Elimination

Non-stormwater discharges traced to their source and found to be the Highway Agency's own illicit connections shall be eliminated within six (6) months of their discovery. The Highway Agency may apply for a NJPDES permit for the discharge, but the discharge shall be ceased until a valid NJPDES permit has been issued by the Department. Highway Agencies are required to verify that the illicit discharge was eliminated within the specified timeframe and ensure that

measures taken to eliminate the discharge are permanent and are not done in such a manner that would allow easy reconnection to the MS4.

If an illicit connection cannot be located or is found to emanate from an entity other than the Highway Agency then the Highway Agency must submit to the Department a written explanation detailing the results of the investigation. If the illicit connection is found to be from another public entity, the Highway Agency shall also notify that entity.

Attachment C
DESIGN STANDARD - STORM DRAIN INLETS

This standard applies to storm drainage inlets installed as part of new development and redevelopment projects that disturb one acre or more. In addition, retrofitting of existing storm drainage inlets to this standard is required where such inlets are in direct contact with repaving, repairing (excluding repair of individual potholes), reconstruction or alterations of facilities owned or operated by the Highway Agency. For exemptions to this standard see "Exemptions" below.

Grates in Pavement or Other Ground Surfaces

Design engineers shall use either of the following grates whenever they use a grate in pavement or another ground surface to collect stormwater from that surface into a storm drain or surface water body under that grate:

1. The New Jersey Department of Transportation (NJDOT) bicycle safe grate, which is described in Chapter 2.4 of the NJDOT Bicycle Compatible Roadways and Bikeways Planning and Design Guidelines (April 1996).

2. A different grate, if each individual clear space in that grate has an area of no more than seven (7.0) square inches, or is no greater than 0.5 inches across the smallest dimension.

   (In regard to whether the different grate must also be bicycle safe, the Residential Site Improvement Standards 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.

Curb-Opening Inlets (Including Curb-Opening Inlets in Combination Inlets)

Whenever design engineers use a curb-opening inlet, the clear space in that 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

Retrofitting Exemptions

1. Repaving, repairing, reconstruction or alterations projects that began construction prior to March 3, 2004, and projects that were awarded bid prior to March 3, 2004, are exempted from the storm drain inlet design standard.
2. Existing curb-opening inlets do not need to be retrofitted to meet the design standard if each individual clear space in the curb opening has an area of no more than nine (9.0) square inches.

Hydraulic Performance Exemptions

1. New Development and Redevelopment Projects - Where the review agency determines that this standard would cause inadequate hydraulic performance that could not practicably be overcome by using additional or larger storm drainage inlets that meet these standards.
2. Retrofitting of existing storm drain inlets - Where the review agency determines that this standard would cause inadequate hydraulic performance.

Alternative Device Exemptions

1. 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. 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

    b. A bar screen having a bar spacing of 0.5 inches.

2. 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.

Note - The preceding 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).

Historic Places Exemption

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 this standard is an undertaking that constitutes an encroachment or will damage or destroy the New Jersey Register listed historic property.

Attachment D
REQUIRED PRACTICES FOR FUELING OPERATIONS, VEHICLE MAINTENANCE, AND GOOD HOUSEKEEPING SBRs

D. The following BMPs must be implemented at maintenance yards, including maintenance activities at Service Areas and ancillary operations (for example, impound yards, solid waste transfer stations, mobile fueling), where applicable, that are operated by the Highway Agency:

1. Inventory Requirements for Maintenance Yard Operations (including Service Areas, and Ancillary Operations)

a. Highway Agencies shall include for maintenance yard operations an inventory that includes the following:

i. A list to be made part of the SPPP of general categories of all materials or machinery located at the maintenance yard, 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 maintenance yard operations or ancillary operations. Materials or machinery that are not exposed to stormwater or that are not located at the maintenance yard or related to its operations do not need to be included.

2. Fueling

a. No topping off vehicles, mobile fuel tanks, and storage tanks. Drip pans must be used under all hose and pipe connections and other leak-prone areas during bulk transfer of fuels.

b. During bulk transfer block storm sewer inlets, or contain tank with temporary berms or temporary absorbent booms during the transfer process. If temporary berms are being used instead of blocking the storm sewer inlets, all hose connection points associated with the transfer of fuel must be within the temporary berms during the loading/unloading of bulk fuels. A trained employee must always be present to supervise during bulk fuel transfer.

c. Clearly post, in a prominent area of the facility, instructions for safe operation of fueling equipment, and appropriate contact information for the person(s) responsible for spill response.

d. Any equipment, tanks, pumps, piping and fuel dispensing equipment found to be leaking or in disrepair must immediately be repaired or replaced.

3. Vehicle Maintenance

a. Perform all vehicle and equipment maintenance at an indoor location with a paved floor whenever possible. For projects that must be performed outdoors that last more than one day, portable tents or covers must be placed over the equipment being serviced when not being worked on, and drip pans must be used.

4. General Good Housekeeping

a. Properly mark or label all containers. Labels must be kept clean and visible. All containers must be kept in good condition and tightly closed when not in use. When practical, containers must be stored indoors. If indoor storage is not practical, containers may be stored outside as long as they are covered and placed on spill platforms. An area that is graded and/or bermed that prevents run-through of stormwater may be used in place of spill platforms. Outdoor storage locations must be regularly maintained.

b. Conduct cleanups of any spills or liquids or dry materials immediately after discovery. Clean all maintenance areas with dry cleaning methods only. Spills shall be cleaned up with a dry, absorbent material (i.e., kitty litter, sawdust, etc.) and the rest of the area is to be swept. Collected waste is to be disposed of properly. Clean-up materials, spill kits and drip pans must be kept near any liquid transfer areas, protected from rainfall.

5. Good Housekeeping Practices for Salt and De-icing Material Handling

a. The SPPP for De-icing Material Storage shall include the following required practices to ensure that Maintenance Yard Operations prevent or minimize the exposure of salt and de-icing materials to stormwater runoff from storage, loading and unloading areas and activities:

i. Prevent and/or minimize the spillage of salt and de-icing materials during loading and unloading activities.

ii. At the completion of loading and unloading activities, spilled salt and de-icing materials shall be removed using dry cleaning methods and either reused or properly discarded.

iii. Sweeping by hand or mechanical means of storage and loading/unloading areas shall be done on a regular basis. More frequent sweeping is required following loading/unloading activities. Sweeping shall also be conducted immediately following, as practicable, loading/unloading activities.

iv. Tracking of materials from storage and loading/unloading areas shall be minimized.

v. Minimize the distance salt and de-icing materials are transported during loading/unloading activities.

b. Interim Seasonal Tarping - All Highway Agencies must tarp all de-icing materials until a permanent structure is built. Interim storage measures must include, but are not limited to the following:

i. Tarping materials that are not actively being used.

ii. The storage of de-icing materials (salt and de-icing products) outside is limited to October 15th through April 30th. All salt and de-icing materials must be removed from the site prior to May 1st and may not be stored outside again until October 15th.

iii. The implementing of a regular inspection, sweeping and housekeeping program to ensure that the material is maintained and stored in a proper manner.

6. Inspections

a. Inspections of all Municipal Maintenance Yard Operations shall be conducted regularly.

b. Discharge of Stormwater from Secondary Containment

i. The discharge pipe/outfall from a secondary containment area must have a valve and the valve must remain closed at all times except as described below. A Highway Agency may discharge stormwater that accumulated in the 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 Highway Agency must rely on previous tank inspections to determine with some degree of certainty that the tank has not leaked. If the Highway Agency 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 should be hauled for proper disposal.

APPENDIX II

APPENDIX II

Solid and Hazardous Waste Management Program
Bureau of Landfills and Hazardous Waste Permitting
P.O. Box 420
Mail Code: 401-02C
401 East State Street, 2nd Floor, West Wing
Trenton, New Jersey 08625-0420
Telephone: (609) 984-6985 Fax: (609) 633-9839
http://www.nj.gov/dep/dshw/lhwp/index.html

Guidance Document for the Management of Street Sweepings and Other Road Cleanup Materials

(Updated 10/16/2013)

This document presents guidance for the handling, characterization and management of street sweepings and other road cleanup materials (road cleanup materials) to provide options for the use and management of the material without direct oversight of the New Jersey Department of Environmental Protection (Department or DEP). These materials would otherwise be waste, and may include but be limited to street sweepings, storm sewer clean out materials, retention basin clean out materials and other similar road wastes. Wastes removed from municipal sanitary sewer systems (a.k.a. municipal wastewater systems) are not included in these types of wastes.

Road cleanup materials may be considered as one of two categories as a function of the type and amount of contaminants present. These are as follows: 1) Road cleanup material that contain hazardous waste, and 2) Road cleanup material classified as waste type ID 10 municipal solid waste (i.e., materials that may contain contaminants above or below regulatory concern).

This guidance must be consulted in conjunction with the solid waste regulations at N.J.A.C. 7:26 et seq. For the reader's convenience, an unofficial version of N.J.A.C. 7:26 et seq. can be found using the "NJ Regulations" selection on the Department's Solid and Hazardous Waste Management Program web page at http://www.state.nj.us./dep/dshw or directly by using the Web link http://www.state.nj.us./dep/dshw/resource/rules.htm . These are courtesy copies of the adoption. The official versions of these rules were published in the New Jersey Register. Should there be any discrepancies between this text and the official version of the adoption, the official version will govern. For more information, see the New Jersey Office of Administrative Law's Rules page. To obtain official copies of these regulations consult the NJDEP Office of Legal Affair's How to Get Copies of Departmental Rules page at http://www.state.nj.us/dep/legal/get_rule.htm.

I. INTRODUCTION & BACKGROUND:

The DEP is very interested in supporting the beneficial use of solid wastes such as road cleanup material whenever feasible. To assure that these uses are protective of human health and the environment, uses of road cleanup material should be approved by DEP for consistency with Department policies, guidance (e.g., this document) and Departmental regulations. In many instances, road cleanup materials are known to contain elevated concentrations of contaminants such as lead and organic compounds associated with petroleum products, which above certain levels are known to be hazardous to human health. Therefore, uses of road cleanup material should be managed in order to manage the risks posed to human health and the environment.

Many beneficial uses of road cleanup material involve some form of land application, some of which may require the Department's authorization. When solid wastes like road cleanup material are used beneficially in land application they are exempted from regulation as solid waste and thus, will herein be referred to as "materials". The process of using road cleanup material either with or without case-by-case Departmental review for land application and other uses is outlined below.

When collected in the course of cleaning the state's streets, storm basins and storm sewers, road cleanup materials are classified as waste type ID 10 municipal solid waste as defined and regulated at N.J.A.C. 7:26-1.1 et seq. Normally, road cleanup material classified as ID 10, as well as other types of solid wastes, must be directed to a solid waste facility permitted to receive such waste for disposal. However, an exemption to solid waste regulation at N.J.A.C. 7:26-1.1(a)1 is allowed for solid waste, separated at the point of generation, that is sent to an approved facility for use or reuse as raw materials or directly as products. It is this exemption process and the associated beneficial use regulations found at N.J.A.C.7:26-1.7(g) that allows road cleanup material to be authorized for beneficial uses exempt from waste flow and solid waste disposal regulations. Also exempted from solid waste regulations is waste managed and manifested as hazardous waste in accordance with the rules and regulations as set forth at N.J.A.C. 7:26G-1.1 et seq., and transported directly to a hazardous waste facility from the point of generation.

II. CONTAMINANT STANDARDS:

This section describes the basis for DEP's application of contaminant standards to road cleanup material. The DEP has adopted site cleanup standards that form the basis for developing more specific regulations for the use or reuse of materials contaminated with hazardous substances. For further guidance in this area, these standards are specified and referenced at N.J.A.C. 7:26D, the Remediation Standards adopted June 2, 2008.. A copy of the latest Site Remediation Standards (SRS) is available at the Department's web site at http://www.nj.gov/dep/srp/regs/rs/.

In view of the health-based criteria set forth in the SRS for contaminated sites and the available analytical data for typical road cleanup materials, the contaminants in road cleanup material are not consistently at sufficiently low levels to allow uncontrolled use. The DEP is concerned about spikes of high concentrations of petroleum hydrocarbons such as gasoline, oils, the organic compounds found in asphalt, or other contaminants such as lead that typically occur in road cleanup materials. Road cleanup material should also be classified to determine whether the waste is hazardous waste required to be regulated as hazardous waste per N.J.A.C. 7:26G. Road wastes are normally not sufficiently contaminated to prevent their use under controlled circumstances per this guidance. Therefore, given the limited contaminant characterization data available, approvals for use of road cleanup material containing aggregate contaminants at a level exceeding the most stringent latest available SRS for guidance are reviewed on a case-by-case basis by the Bureau of Landfill and Hazardous Waste Permitting (BLHWP)..

Blanket approvals are available at this time for certain uses as outlined herein. For the class of road cleanup material contaminated below the department's most stringent SRS, a one-time site-specific use is allowed as described below in Sections VI and VII of this Appendix. Applications of any such road cleanup material to a site more than once require written authorization of the BLHWP in order to prevent potential environmental degradation (refer to section V.2.b.). This process ensures that use of all road cleanup material will be consistent with the most recent health-based guidance when road cleanup materials are proposed for use in situations where human or environmental exposure to contaminants is possible.

III. GENERAL HANDLING REQUIREMENTS:

This section describes the general requirements applicable to handling road cleanup materials.

1. Litter - Road cleanup materials are generally contaminated with oversized "litter" such as plastics and paper items, road matter, vehicle parts and other miscellaneous wastes. Before road cleanup material may be sampled for analysis, this litter must be removed and disposed of as ID 10 municipal solid waste or preferably, be recycled. Small screening operations may not require separate approvals, however processing road cleanup material in large quantities, or near sensitive receptors may warrant separate authorization by the Department. Contact the Solid and Hazardous Waste

Management Program at 609-292-9880 for information concerning permitting of screening operations. Bulky materials, such as significant amounts of chunks of concrete or asphalt, should be taken to DEP approved recycling centers, or asphalt manufacturers, for proper recycling. Road cleanup material normally does not require this cleaning step if disposed of unless required by the disposal facility.

2. De-icing Salts - In some cases, road cleanup material may contain concentrations of road de-icing salts. Standards for applications of de-icing salts are not established as it is common practice to dispense large quantities of salts on roads for deicing during winter months. With normal precipitation levels, significant amounts of these salts with typically high water solubility should not be present in road cleanup materials. Use of road cleanup material containing road de-icing salts or other compounds, however, must be consistent with all State, Federal and local requirements and the user should also be aware of the phytotoxic effects of salts particularly during the growing season.

3. Transport - Disposal of road cleanup material as solid waste in accordance with N.J.A.C. 7:26 requires transport only by licensed solid waste transporters in registered solid waste vehicles. Transport of road cleanup material destined for recycling centers (refer to section V.2. below), or beneficial uses authorized by the department pursuant to N.J.A.C. 7:26-1.7(g), is not subject to the solid waste transporter licensing requirements, therefore, use of licensed solid waste transporters and registered solid waste vehicles is not required in these instances.

IV. CHARACTERIZATION:

This section describes the requirements for sampling and analysis of all road cleanup material, except those being disposed of as ID 10 solid waste which do not require testing except as required by the disposal facility.

All road cleanup material must be sampled and analyzed in accordance with standard DEP quality assurance standards and practices to fully characterize the SRS contaminants, regardless of the intended future disposition of the road cleanup materials except for disposal as solid waste. Detailed sampling guidance may also be obtained from BLHWP at (609) 984-6985.

The generator of road cleanup material must determine if the road cleanup material constitute hazardous waste in accordance with requirements at N.J.A.C. 7:26G-1.1 et seq. A hazardous waste classification may be required if elevated levels of contaminants are detected, at the discretion of the department. For uses of road cleanup material requiring DEP authorization as described herein (refer to section V.), all analytical data must be submitted to BLHWP for review on a case-by-case basis.

Road cleanup material proposed for most beneficial use projects must also be analyzed for any and all contaminants found on the USEPA's current Target Analyte List (TAL)/Target Compound List (TCL) and Priority Pollutants + 40 scans. The list of TAL inorganic compounds/elements and TCL organic compounds designated for analysis are those contained in the version of the USEPA Contract Laboratory Program Statement of Work for Inorganics and Organic Analysis, Multi-Media, Multi-Concentration in effect as of the date on which the laboratory is performing the analysis or the project's specific contaminant testing results.

Additional sampling may be required based on the results of the initial data collected if further contaminant delineation is necessary. A higher frequency of sampling, screening and analysis may be required to characterize the road cleanup material when "hotspots" of contamination are known or suspected to exist in a pile. For very large quantities of road cleanup material a lower frequency of sampling may be appropriate, subject to departmental authorization, based on site-specific data. It is recommended that the DEP review sampling plans that vary from the sampling methods outlined in Appendix G prior to sampling.

While typical road cleanup material would not be expected to exhibit excessive amounts of radioactivity, it cannot contain material regulated pursuant to the Atomic Energy Act or any regulations for radioactive materials administered by the Nuclear Regulatory Commission ("NRC") or other agencies, be classified as technologically enhanced naturally-occurring radionuclide material (TENORM) which is ID 27 Dry Industrial Solid Waste in New Jersey, or contain any radionuclide over the levels established in the "Soil Remediation Standards for Radioactive Materials" at N.J.A.C. 7:28-12.

V. MANAGEMENT OPTIONS:

This section describes various management options for the following categories of road cleanup material: 1) Road cleanup material that contain hazardous waste, and 2) Road cleanup material classified as waste type ID 10 municipal solid waste (i.e., materials that may contain contaminants above or below regulatory concern). It also describes the process of obtaining department authorization for use of road wastes. Whenever any road cleanup materials are used for any purpose other than disposal in accordance with N.J.A.C. 7:26-1.1 et seq., the following conditions must be met:

1. Hazardous Waste - Road cleanup material that contain a hazardous waste must be managed as hazardous wastes when contamination is above the non-hazardous waste limits or the road cleanup materials are otherwise classified a hazardous waste. The road cleanup material must always be managed as a hazardous waste in accordance with N.J.A.C. 7:26G-1.1 et seq. and the USEPA Code of Federal Regulations Title 40, Parts 260-299. The only management option for road cleanup material containing a hazardous waste is management as a hazardous waste.

Handling - All road cleanup material designated as hazardous waste per N.J.A.C. 7:26G-5 and 40 CFR 261 must be properly staged and removed within 90 days. Hazardous waste piles are prohibited. When road cleanup material are determined to contain a hazardous waste they must be staged during the remaining 90-day period in accordance with N.J.A.C. 7:26G-6 and 40 CFR 262 (i.e. either sealed roll-off container or sealed drums).

2. Non-hazardous ID 10 Municipal Solid Waste - Road cleanup material contaminated at levels above the regulatory concern limit (see section V.3. below), and which are not classified as hazardous waste, are considered to be non-hazardous solid waste. Road cleanup materials are classified as ID 10 municipal solid waste if treatment, storage or disposal at an authorized solid waste facility is a short or long-term management option. If ID 10 road cleanup material are used beneficially with DEP authorization in accordance with section V.2.b. below, the road cleanup materials are then considered beneficially useable materials exempt from solid waste regulation, not ID 10 solid waste.

a. Handling - Contaminated road cleanup material designated as non-hazardous solid waste may not be stockpiled for more than six months pursuant to the solid waste regulations, N.J.A.C. 7:26-1.1;1.4. Security and public access must be considered when selecting a location for stockpiling of any potentially contaminated road cleanup materials. Staging of any potentially contaminated road cleanup material must be performed using methods that minimize the disturbance of the road cleanup material and minimize on-site handling and storage. At a minimum, all potentially contaminated road cleanup material must be staged on an impervious surface and covered with a waterproof material (i.e., tarpaulin or 10-mil plastic sheeting). The containment must be maintained for the duration of the staging period to prevent contaminant volatilization, runoff, leaching, or fugitive dust emissions.

b. Beneficial Use Authorization Process - For use of contaminated materials such as road cleanup material contaminated above the latest most stringent SRS, a written application by the generator and a written determination from the DEP must be made for the non-applicability of the solid waste regulations set forth in N.J.A.C. 7:26-1.1 et seq. This is required for any in-state or out-of-state use

for road cleanup material with any contaminant level exceeding the latest most stringent SRS and is also required for second or additional applications of any road cleanup material in New Jersey at the same site. The following are the standard requirements for a Certificate of Authority to Operate beneficial use project. Additional requirements are specified at N.J.A.C. 7:26-1.7(g) that also apply to application for the use of road cleanup material, and are detailed in the main body of this Technical Manual.

c. General Requirements for Use - In all cases, any use of road cleanup material must be protective of ground water and surface water bodies and subsurface structures, such as basements and other indoor areas, as well as all other potential human and other ecological receptors. In addition, all other requirements for any prospective use of road cleanup material must be met. These requirements include, but are not limited to: any limitations imposed by wetlands restrictions; stream encroachment regulations; limitations on use of materials contaminated at any level where the contaminants could pose a risk to surface or ground water; hazardous waste recycling regulations; and any other requirements, in addition to i.-iv. below:

i. Pinelands Area - Road cleanup material generated outside or within the Pinelands Area that contain contaminants at or below the most stringent cleanup levels established by the DEP shall not be moved from the site of generation into or within the Pinelands Protection Area unless the road cleanup materials are at or below the receiving site's contaminant background levels. Road cleanup material generated in the Pinelands Area that exceed background levels may not remain in the Pinelands Area but may be used elsewhere with written permission of the DEP in accordance with the requirements set forth in this document. Written approval from the New Jersey Pinelands Commission, New Lisbon, NJ 08064, must be obtained before any disturbance or moving of road cleanup material at any level of contamination within the Pinelands Area.

ii. Objectionable Odors or Appearance - Road cleanup material having objectionable odors, including petroleum or synthetic chemical odors, shall not be used in residential areas or other locations where the public would be exposed or where such odors or appearance would render a site or its improvements unusable for their reasonably intended purpose. Specifically, the road cleanup material to be used must not violate the air pollution rules, N.J.A.C. 7:28-1.1 et seq. or local nuisance codes.

iii. Regulatory Compliance - The road cleanup material must be used in accordance with all applicable federal, state and local requirements.

iv. Allowable Storage Time - Non-hazardous road cleanup material contaminated at levels above the most stringent SRS must not be stockpiled at the site of generation, or elsewhere, for more than six months from the date of collection until disposition pursuant to the solid waste regulations, N.J.A.C. 7:26-1.1; 1.4. Therefore, road cleanup material use considerations and subsequent actions should be acted on as soon as anticipated.

3. Contaminated Below Regulatory Concern - Road cleanup material with contaminant levels consistently below the latest most stringent site-specific SRS standards are generally suitable for use without prior approval on a one-time site-specific basis, or if the road cleanup materials are recycled at an approved recycling center. Only road cleanup material that contain contaminants at levels below the most stringent SRS established by the DEP for a specific site, are not of regulatory concern with the exception of sites in the Pinelands Area which may require separate authorization from the Pinelands Commission - see Section V.2.c.i. In addition, the minimum criteria for all use applications, as noted in section V.2.c. above, also apply to road cleanup material below regulatory concern.

VI. EXAMPLES OF USES:

APPENDIX II

This section outlines the department's guidance for a number of different potential uses for road cleanup materials. All uses described below require written BLHWP authorization as outlined in section V. of this document, unless explicitly stated otherwise in each section. The general handling requirements outlined in section III., and all other requirements, are also applicable to all potential uses listed below except as noted below. All references to use criteria in this document shall be taken to mean the latest available criteria from the department.

1. Fill for potholes - Road cleanup materials, with analytical values at levels below the latest non-residential SRS criteria, are normally suitable for direct use as fill for potholes, whether the road cleanup materials are incorporated into an asphalt binder or are used directly as sub-fill for larger holes. If the road cleanup materials are used as sub-fill for larger holes, they must be capped with normal road surfacing material, such as concrete or asphalt. Department approval is not required for this use.

2. Embankment for emergency road repairs - Road cleanup material with analytical values at levels below the most stringent SRS criteria are usable for embankment material without prior Department approval. Embankment material is needed by DOT for emergency road repairs when road surfaces and base materials are eroded or removed due to washout or other circumstances.

3. Containment/absorption medium for hazardous materials spill response - Road cleanup materials, unless determined to be hazardous wastes, are suitable for use as absorptive material to contain or to absorb hazardous materials in emergency situations. Following such use, the road cleanup material must be immediately handled in accordance with all requirements for hazardous materials. The road cleanup material cannot be permitted to wash into surface waters. If road cleanup materials are used in the form of embankments to contain larger spills, the road cleanup material must be stabilized to prevent surface waste contamination, and be collected and managed appropriately as a contaminated material.

4. Sub-base fill - Road cleanup material contaminated at levels below the latest non-residential SRS may be used for sub-base fill.

5. Soil mix additive for pavement materials - Road cleanup material may be used directly as replacement for raw material in concrete or asphalt for paving or other uses, without prior approval, if not contaminated above the latest non-residential SRS limits, and all other requirements for manufacture and use of the product are met.

6. Deicing/Antiskid Material - Road cleanup material may be used as deicing or antiskid material if contaminated below the residential SRS without prior Department approval.

7. Landfill cover - Under most circumstances, unless road cleanup material have been analyzed and determined to be hazardous wastes, road cleanup materials are suitable for landfill cover from the standpoint of pollutant contamination levels. Use of road cleanup material for landfill cover, especially road cleanup material with higher levels of contamination, isolates these contaminants from further contact with the environment and provides a favored option for road cleanup material use. It is, of course, the prerogative of individual landfill operators to require analyses of materials they are using for cover and under those circumstances, individual facilities may set certain limits or other criteria for contaminant levels in the materials. The generator of the road cleanup material should contact the landfill operator.

8. Recycling Centers - For recycling at approved Class B and Class C recycling centers in New Jersey: contact the authorized recycling center directly or Bureau of Transfer Stations and Recycling Facilities (BTSRF) at 609-292-9880. The Recycling Center must be authorized to accept road cleanup material specifically in its General Approval, or otherwise in writing by the Solid and Hazardous

Waste Management Program road cleanup material accepted at an approved DEP recycling center do not require a waste flow exemption or a prior site-specific use approval as outlined below.

9. Other Uses Land Application - Other one-time land application uses of road cleanup material without prior approval are feasible in line with the above guidance if all contamination levels are below the latest most stringent site-specific SRS. Direct land application of road cleanup material contaminated at any level above the most stringent SRS and second or additional applications of road cleanup material contaminated below regulatory concern at the same site require DEP authorization on a case-by-case basis. Application for such uses must be made to BLHWP for a Certificate of Authority to Operate (CAO) a Beneficial Use Project pursuant to N.J.A.C. 7:26-1.7(g). This type of authorization is technically rigorous, will require a detailed site description and may require at least six to eight weeks for review. Contact BLHWP for details. Actual standards applied at a particular site are determined by the DEP on a case-by-case basis and may differ from site to site. This variation is due to many factors, including site-specific human health and environmental exposure pathways, the presence and combinations of synergistic or additive site contaminants, and site-specific physical characteristics, however it is not the Department's intention to introduce contaminated materials into areas with lower levels of contamination.

Asphalt Incorporation - Road cleanup materials may be used directly at asphalt manufacturing plants as an ingredient in asphalt (bituminous concrete) production as exempt from solid waste regulations pursuant to N.J.A.C. 7:26-1.1(a)1 and N.J.A.C. 7:26A-1.4(a)1i.

Product Incorporation - Additionally, road cleanup materials, even those contaminated at higher levels of contamination, may be incorporated into structural products where the road cleanup materials are physically bound, or permanently entrained, such as into asphalt, concrete, structural building materials (such as block and brick) or other similar structural products. All requirements for the product's manufacture and use must be met. Case-by-case Departmental authorization is required for these uses only at a contamination level above non-residential SRS limits, except as outlined above for asphalt production.

10. Disposal: For information on disposal in accordance with N.J.A.C. 7:26 at a designated solid waste facility, contact the appropriate county solid waste management official for the designated solid waste district facility, to determine if the district has such a facility for ID 10 waste. A list of county solid waste officials is available at the department's web site.

VII. RESPONSIBILITY & DISCLAIMER:

It is the responsibility of the generator of the road cleanup material to properly manage and characterize/classify the road cleanup material and to determine if road cleanup materials are contaminated.

Disclaimer: This guidance is offered without prejudice and shall not affect any ongoing or future enforcement actions that the Department or any other agency may take against any person for past or future activities. This guidance shall not relieve any person from obtaining any and all permits and authorizations required from any Federal, State, county or local agency and complying with all regulations and other requirements. The DEP reserves the right to require or conduct testing. Should road cleanup material be considered unsuitable by the DEP after the road cleanup material have been used/reused, the generator of the road cleanup material is responsible for their proper remediation, as well as for the remediation of all other media affected. Specifically, the DEP may take action if a more stringent SRS is adopted, the SRS's were improperly applied to a use application or other relevant requirements or criteria are developed. Use of road cleanup material shall not relieve any person from obtaining any and all permits required from any federal, state, county or local agency. This document does not grant permission to fill or alter floodplain areas, riparian lands, freshwater wetlands or surface water runoff conditions without the appropriate approvals.

APPENDIX III

Highway Agency Stormwater General Permit
Post-Construction Program
Design Checklist for Individual Projects

For each question, attach additional sheets as necessary

Highway Agency Information	
	Highway Agency: *Monmouth County Division of Highways* NJPDES # : NJG*0152234* PI ID #: *222751* Team Member: *Joseph Ettore, County Engineer* Date: *October 2018* Effective Date of Permit Authorization (EDPA): *April 1, 2005*

1. Location of Project

a. Project Name ____

b. Highway Agency Project Number (if applicable): ____

c. Road Name(s) (if applicable): ____

d. Municipality(ies):____

e. County(ies):____

2. Description (type of project)

a. New alignment, widening, bridge replacement, intersection improvement, or other (describe):____

b. Area of proposed disturbance: ____acres (include disturbance for easements, on/off ramps, etc. that are part of the project)

c. Area of proposed additional impervious surface: ____acres (include proposed additional impervious surface for easements, on/off ramps, etc. that are part of the project)

d. Discharges to (identify surface water body(ies)):____

3. Related NJDEP Permits

How much (if any) of the project requires at least one NJDEP permit (stream encroachment permit; freshwater wetlands permit or transition area waiver; CAFRA, coastal wetlands, or waterfront development permit) granted under the following statutes?

	Application Number (if available)
Flood Hazard Area Control Act, N.J.S.A. 58:16A-50 et seq.	____
Freshwater Wetlands Protection Act, N.J.S.A. 13:9B-1 et seq.	____
Coastal Area Facility Review Act, N.J.S.A. 13:19-1 et seq.	____
Waterfront and Harbor Facilities Act, N.J.S.A. 12:5-3	____

Answer (check one): ☐The entire project ☐Part of the project ☐None of the project

4. Compliance with NJDEP Design and Performance Standards (N.J.A.C. 7:8)

a. Nonstructural stormwater management strategies

To the maximum extent practicable, does the project meet the applicable erosion control, groundwater recharge, and stormwater runoff quantity and quality standards at N.J.A.C. 7:8-5.4 and 5.5 by incorporating nonstructural stormwater management strategies at N.J.A.C. 7:8-5.3 into the design? Y (☐) N (☐)

Also see question #4.j in regard to the Low Impact Development Checklist.

b. Threatened and endangered species

Are the project's stormwater management measures designed to avoid adverse impacts of concentrated flow on habitat for threatened and endangered species as documented in the Natural Heritage Database established under N.J.S.A. 13:1B-15.147 through 15.150, particularly *Helonias bullata* (swamp pink) and/or *Clemmys muhlnebergi* (bog turtle)? Y (☐) N (☐)

c. Exemption for certain utility line and public pedestrian access projects

How much (if any) of the project is exempt under N.J.A.C. 7:8-5.2(d) from the groundwater recharge and stormwater runoff quantity and quality requirements at N.J.A.C. 7:8-5.4 and 5.5? Y (☐) N (☐) If "yes," check whichever of the following are applicable:

☐The entire project ☐Part of the project ☐None of the project

If you checked "The entire project" or "Part of the project," check whichever of the following are applicable:

☐Underground utility line ☐Aboveground utility line ☐Public pedestrian access

If you checked "The entire project," skip questions #4.d, #4.f, #4.g, and #4.h.

d. Waiver for certain roadway, railroad, and public pedestrian access projects

Are you claiming, for the enlargement (widening) of an existing public roadway or railroad or the construction or enlargement of a public pedestrian access, a waiver under N.J.A.C. 7:8-5.2(e) from strict compliance with the groundwater recharge and stormwater runoff quantity and quality requirements at N.J.A.C. 7:8-5.4 and 5.5? Y (☐) N (☐) If "yes":

- Check whichever of the following are applicable:
  ☐Enlargement of existing public roadway or railroad ☐Public pedestrian access

- Attach written documentation making the demonstration required under N.J.A.C. 7:8-5.2(e), unless "The entire project" or "Part of the project" is checked under question #3, and you have submitted or will submit this documentation to the NJDEP to obtain the related NJDEP permit(s).

- Check whether the waiver is for:

  ☐The entire project ☐Part of the project ☐None of the project

  If you checked "The entire project," skip questions #4.f, #4.g, and #4.h.

e. Erosion control

Is the project in its post-construction condition designed to meet the erosion control standards established under the Soil Erosion and Sediment Control Act, N.J.S.A. 4:24-39 et seq. and implementing rules? Y (☐) N (☐)

Does the project have a soil erosion and sediment control plan certified under that Act and those rules? Y (☐) N (☐) If "no, " please explain: ____

f. Groundwater recharge

Under N.J.A.C. 7:8-5.4(a)2ii, how much (if any) of the project is outside the scope of the groundwater recharge requirement at N.J.A.C. 7:8-5.4(a)2i?

Answer (check one): ☐The entire project ☐Part of the project ☐None of the project

If you checked "The entire project" or "Part of the project," check whichever of the following are applicable:

☐Urban redevelopment area ☐High pollutant loading area ☐Industrial "source material"

If you checked "Part of the project" or "None of the project," is the project designed to meet the groundwater recharge requirement at N.J.A.C. 7:8-5.4(a)2i? Y (☐) N (☐) Also see question 4.j.

Will there be recharge of any stormwater from high pollutant loading areas, or of industrial stormwater exposed to "source material"? Y (☐) N (☐)

Is the project designed to avoid adverse hydraulic impacts on the groundwater table? Y (☐) N (☐)

g. Stormwater runoff quantity

Will the post-construction stormwater runoff flow only into tidal waters where the increased volume of stormwater runoff will not increase flood damages below the point of discharge? Y (☐) N (☐)

If "no," is the project designed to meet the stormwater runoff quantity standard at N.J.A.C. 7:8-5.4(a)3? Y (☐) N (☐) Also see question 4.j.

h. Stormwater runoff quality

Is the project subject to the requirement at N.J.A.C. 7:8-5.5(a) for 80 percent total suspended solids (TSS) reduction? Y (☐) N (☐)

If "yes," is the project designed to meet this requirement? Y (☐) N (☐) Also see question 4.j.

If "no," check whichever of the following are applicable:

☐Less than ¼ acre of additional impervious surface ☐NJPDES-based exemption

Is the project designed to meet the nutrient reduction standard at N.J.A.C. 7:8-5.5(e)? Y (☐) N (☐)

Are the project's stormwater management measures designed to prevent any increase in stormwater runoff to waters classified as FW1? Y (☐) N (☐) N/A (☐) (N/A if there is no stormwater runoff from the project to FW1 waters)

Does the project propose any encroachment within a special water resources protection area established under N.J.A.C. 7:8-5.5(h) to protect Category One waters? Y (☐) N (☐) Also see question 4.j.

If "yes," has the NJDEP approved the proposed encroachment? Y (☐) N (☐) Please explain if the NJDEP has not approved the proposed encroachment:

i. Other special circumstances

Are there special circumstances besides those noted above (e.g., alternative design and performance standards recognized under N.J.A.C. 7:8-5.1(b), and hardship waivers under N.J.A.C. 7:13-4.8) that result in one or more of the design and performance standards at N.J.A.C. 7:8-5 not being applicable to all or part of the project? Y (☐) N (☐)

If "yes," describe the circumstances and identify the standard(s) that are not applicable:

j. Calculations and stormwater engineering report

Was stormwater runoff calculated in accordance with N.J.A.C. 7:8-5.6? Y (☐) N (☐)

Attach a stormwater engineering report that includes the following information (unless the Exception below applies):

- A copy of Parts 1, 3, and 4 of the Low Impact Development Checklist (see Appendix A of the New Jersey Stormwater Best Management Practices Manual)
- A copy of a USGS topographical map(s), 7.5 minute quadrangle series, showing the project location and its HUC-14 watershed(s), and indicating any special water resources protection area(s) established under N.J.A.C. 7:8-5.5(h)
- Proof that the applicable groundwater recharge and stormwater runoff quantity and quality standards at N.J.A.C. 7:8-5.4 and 5.5 (or applicable alternative standards recognized under N.J.A.C. 7:8-5.1(b)) are met. This proof shall include complete printouts of all calculations (including detention, retention, and infiltration calculations for all basins), and shall compare existing and proposed recharge and discharge rates. The proof shall clearly explain how the attached calculations demonstrate compliance with the applicable standards. If the requirement at N.J.A.C. 7:8-5.5(a) for 80 percent TSS reduction is applicable, the proof shall detail how TSS reduction is achieved.

Exception: If "The entire project" is checked under question #3, have you submitted or will you submit the above information to the NJDEP to obtain the related NJDEP permit(s)? Y (☐) N (☐)

If "yes," it is not necessary to attach a stormwater engineering report.

k. Structural stormwater management

Is the project designed to meet the applicable standards for structural stormwater management measures at N.J.A.C. 7:8-5.7? Y (☐) N (☐)

l. Maintenance

Has the design engineer prepared for the project the maintenance plan required by N.J.A.C. 7:8-5.8? Y (☐) N (☐)

If "yes," attach the maintenance plan unless "The entire project" or "Part of the project" is checked under question #3, and you have submitted or will submit the maintenance plan for the entire project to the NJDEP to obtain the related NJDEP permit(s).

5. Compliance with NJDEP Design Standard for Storm Drain Inlets

Does the project include installation of any storm drain inlets? Y (☐) N (☐)

If "yes," is the project designed to comply with the standard set forth in Attachment C of the permit to control passage of solid and floatable materials? Y (☐) N (☐)

Attach a list of any storm drain inlets in the project that have hydraulic performance exemptions.

Are you claiming any alternative device exemptions or historic place exemptions for any of the storm drain inlets in this project? Y (☐) N (☐) If "yes," please explain:

APPENDIX IV

Resolution No. 06-45

RESOLUTION AUTHORIZING THE ADOPTION OF
A POLICY AND PROCEDURE FOR POST-CONSTRUCTION
STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND
REDEVELOPMENT IN MONMOUTH COUNTY HIGHWAY PROPERTY

Freeholder CLIFTON offered the following Resolution and moved its adoption:

I. Purpose:

A resolution to establish minimum stormwater management requirements and controls for all new "major development," on Monmouth County property as defined in Section II. This mechanism accomplishes the following:

1. Adopts (and incorporates by reference) for such projects the applicable design and performance standards (including maintenance requirements) established under NJAC 7:8 for major development, and the storm drain inlet design standard in Attachment C: "Design standard – Storm Drain Inlets" of the NJDEP NJPDES Public Complex Stormwater General Permit (NJ0141879) and Highway Agency Stormwater General Permit (NJ0141887);
2. Requires that all such projects be designed to comply with these design and performance standards and this storm drain inlet design standard; and
3. Requires that Monmouth County's "Post-Construction Program Design Checklist for Individual Projects" be completed before each project's construction is approved.

II. Definitions:

For the purpose of this policy and procedure, the following terms, phrases, words and their derivations shall have the meanings stated herein unless their use in the text of this policy and procedure clearly demonstrates a different meaning. When not inconsistent with the context, words used in the present tense include the future, words used in the plural number include the singular number, and words used in the singular number include the plural number. The word "shall" is always mandatory and not merely directory.

a. County Highway – any highway or other thoroughfare operated by Monmouth County (including a maintenance facility or rest area for such a thoroughfare). For purposes of this policy and procedure a "highway or other thoroughfare" does not include:
   1. Any thoroughfare confined to the grounds of one or more buildings; or
   2. Any thoroughfare confined to a park or recreational area operated by Monmouth County.

b. County - Monmouth County

c. Development – means the division of a parcel of land into two or more parcels, the construction, reconstruction, conversion, structural alteration, relocation or enlargement of any building or structure any mining excavation or landfill, and any use or change in the use of any building or other structure, or land or extension of use of land, by any person, for which permission is required under the Municipal Land Use Law, NJSA 40:55D-1 et seq. In the case of development of agricultural lands, development means: any activity that requires a state permit; any activity reviewed by the County Agricultural board (CAB) and the State Agricultural Development Committee (SADC), and municipal review of any activity not exempted by the Right to Farm Act, NJSA 4:1C-1 et seq.

d. NJDEP – means the New Jersey Department of Environmental Protection.

e. NJPDES – means the New Jersey Pollutant Discharge Elimination System.

f. Impervious surface – means a surface that has been covered with a layer of material so that it is highly resistant to infiltration by water.

g. Major development – means any "development" that provides for ultimately disturbing one 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.

h. Stormwater – means water resulting from precipitation (including rain and snow) that runs off the land's surface, is transmitted to the subsurface, or is captured by separate storm sewers or other sewage or drainage facilities, or conveyed by snow removal equipment.

i. Stormwater management measure – means any structural or nonstructural strategy, practice, technology, process, program or other method intended to control or reduce

stormwater runoff and associated pollutants, or to induce or control the infiltration or groundwater recharge of stormwater to eliminate illicit or illegal non-stormwater discharges into stormwater conveyances.

III. General Standards:

A. All New Development and Redevelopment Projects within Monmouth County property shall evaluate their respective applicability to the following:

1. Compliance with the applicable design and performance standards established under NJAC 7:8 for major development at Monmouth County, unless:
   a. Those standards do not apply because of a variance or exemption granted in NJAC 7:8; or
   b. Alternative standards are applicable under an area wide or Statewide Water Quality Management Plan adopted in accordance with NJAC 7:15.
2. When applicable under NJAC 7:8, ensure adequate, long-term operation and maintenance of BMPs within Monmouth County. This can include, but may not be limited to, preparing a project maintenance plan in accordance with NJAC 7:8-5.8, where applicable.
3. All new stormwater management measures which are created in part or as a result of compliance with NJAC 7:8 must be managed and maintained in accordance with the County's Public Complex Stormwater General Permit (NJ0141879) and Highway Agency Stormwater General Permit (NJ0141887).
4. Compliance, where applicable with the standards set forth in Attachment C of the County's Public Complex Stormwater General Permit (NJ0141879) and Highway Agency Stormwater General Permit (NJ0141887) to control passage of solid and floatable materials through storm drainage inlets.
5. Projects that do not require any Department permits (the term "permit," in this case, shall include transition area waivers under the Freshwater Wetlands Protection Act) under the Flood Hazard Area Control Act (NJSA 58:16A-50 et seq.), Freshwater Wetlands Protection Act (NJSA 13:9B-1 et seq.), Coastal Area Facility Review Act (NJSA 13:9-1 et seq.) or Waterfront and Harbor Facilities Act (NJSA 12:5-3) are not considered "new development or redevelopment projects" if construction began prior to the implementation deadline for this SBR,

or if the projects went to bid prior to the date on which the permittee received authorization under this permit.

B. Requirements for NJAC 7:8 applicable individual projects:

1. For all major development projects, the NJDEP "Post Construction Design Checklist for Individual Projects" must be completed prior to each new construction project approval.
2. These checklists have been included as Appendix A to this document.

IV. Penalties:

Any person who erects, constructs, alters, repairs, converts, maintains or uses any building, structure or land in violation of this policy shall be subject to a revocation of their construction contract, where applicable.

V. Effective Date:

This policy and procedure shall take effect immediately upon the approval and adoption by the Administration.

VI. Severability:

Where applicable, if the provisions of any section, subsection, paragraph, subdivision or clause of this policy and procedure shall be judged invalid by a court of competent jurisdiction, such order of judgment shall not affect or invalidate the remainder of any section, subsection, paragraph, subdivision or clause of this Resolution.

BE IT FURTHER RESOLVED that the Clerk of the Monmouth County Board of Chosen Freeholders forward a certified true copy of this Resolution to New Jersey Department of Environmental Protection.

Seconded by Freeholder BURRY and adopted on roll call by the following vote:

	YES	NO	ABSTAIN	ABSENT
Mrs. Burry	X			
Mrs.Handlin	X			
Mr. Narozanick	X			
Mr. Clifton	X			
Mr. Barham	X			

CERTIFICATION

I HEREBY CERTIFY THE ABOVE TO BE A TRUE COPY OF A RESOLUTION ADOPTED BY THE BOARD OF CHOSEN FREEHOLDERS OF THE COUNTY OF MONMOUTH AT A MEETING HELD

Jan 12, 20 06

Maria Maurizi
CLERK

Highway Agency Stormwater General Permit
Post-Construction Program
Design Checklist for Individual Projects

For each question, attach additional sheets as necessary

Highway Agency Information	
	Highway Agency:____ NJPDES # : NJG____PI ID #: ____ Team Member: ____ Date: ____Effective Date of Permit Authorization (EDPA):____

1. Location of Project

a. Project Name ____

b. Highway Agency Project Number (if applicable): ____

c. Road Name(s) (if applicable): ____

d. Municipality(ies):____

e. County(ies):____

2. Description (type of project)

a. New alignment, widening, bridge replacement, intersection improvement, or other (describe):____

b. Area of proposed disturbance:____acres (include disturbance for easements, on/off ramps, etc. that are part of the project)

c. Area of proposed additional impervious surface: ____acres (include proposed additional impervious surface for easements, on/off ramps, etc. that are part of the project)

d. Discharges to (identify surface water body(ies)):____

3. Related NJDEP Permits

How much (if any) of the project requires at least one NJDEP permit (stream encroachment permit; freshwater wetlands permit or transition area waiver; CAFRA, coastal wetlands, or waterfront development permit) granted under the following statutes?

	Application Number (if available)
Flood Hazard Area Control Act, N.J.S.A. 58:16A-50 et seq.	____
Freshwater Wetlands Protection Act, N.J.S.A. 13:9B-1 et seq.	____
Coastal Area Facility Review Act, N.J.S.A. 13:19-1 et seq.	____
Waterfront and Harbor Facilities Act, N.J.S.A. 12:5-3	____

Answer (check one): ☐The entire project ☐Part of the project ☐None of the project

4. Compliance with NJDEP Design and Performance Standards (N.J.A.C. 7:8)

a. Nonstructural stormwater management strategies

To the maximum extent practicable, does the project meet the applicable erosion control, groundwater recharge, and stormwater runoff quantity and quality standards at N.J.A.C. 7:8-5.4 and 5.5 by incorporating nonstructural stormwater management strategies at N.J.A.C. 7:8-5.3 into the design? Y (☐) N (☐)

Also see question #4.j in regard to the Low Impact Development Checklist.

b. Threatened and endangered species

Are the project's stormwater management measures designed to avoid adverse impacts of concentrated flow on habitat for threatened and endangered species as documented in the Natural Heritage Database established under N.J.S.A. 13:1B-15.147 through 15.150, particularly *Helonias bullata* (swamp pink) and/or *Clemmys muhlnebergi* (bog turtle)? Y (☐) N (☐)

c. Exemption for certain utility line and public pedestrian access projects

How much (if any) of the project is exempt under N.J.A.C. 7:8-5.2(d) from the groundwater recharge and stormwater runoff quantity and quality requirements at N.J.A.C. 7:8-5.4 and 5.5? Y (☐) N (☐) If "yes," check whichever of the following are applicable:

☐The entire project ☐Part of the project ☐None of the project

If you checked "The entire project" or "Part of the project," check whichever of the following are applicable:

☐Underground utility line ☐Aboveground utility line ☐Public pedestrian access

If you checked "The entire project," skip questions #4.d, #4.f, #4.g, and #4.h.

d. Waiver for certain roadway, railroad, and public pedestrian access projects

Are you claiming, for the enlargement (widening) of an existing public roadway or railroad or the construction or enlargement of a public pedestrian access, a waiver under N.J.A.C. 7:8-5.2(e) from strict compliance with the groundwater recharge and stormwater runoff quantity and quality requirements at N.J.A.C. 7:8-5.4 and 5.5? Y (☐) N (☐) If "yes":

- Check whichever of the following are applicable:
  ☐Enlargement of existing public roadway or railroad ☐Public pedestrian access

- Attach written documentation making the demonstration required under N.J.A.C. 7:8-5.2(e), unless "The entire project" or "Part of the project" is checked under question #3, and you have submitted or will submit this documentation to the NJDEP to obtain the related NJDEP permit(s).

- Check whether the waiver is for:

☐The entire project ☐Part of the project ☐None of the project

If you checked "The entire project," skip questions #4.f, #4.g, and #4.h.

e. Erosion control

Is the project in its post-construction condition designed to meet the erosion control standards established under the Soil Erosion and Sediment Control Act, N.J.S.A. 4:24-39 et seq. and implementing rules? Y (☐) N (☐)

Does the project have a soil erosion and sediment control plan certified under that Act and those rules? Y (☐) N (☐) If "no, " please explain: ____

f. Groundwater recharge

Under N.J.A.C. 7:8-5.4(a)2ii, how much (if any) of the project is outside the scope of the groundwater recharge requirement at N.J.A.C. 7:8-5.4(a)2i?

Answer (check one): ☐The entire project ☐Part of the project ☐None of the project

If you checked "The entire project" or "Part of the project," check whichever of the following are applicable:

☐Urban redevelopment area ☐High pollutant loading area ☐Industrial "source material"

If you checked "Part of the project" or "None of the project," is the project designed to meet the groundwater recharge requirement at N.J.A.C. 7:8-5.4(a)2i? Y (☐) N (☐) Also see question 4.j.

Will there be recharge of any stormwater from high pollutant loading areas, or of industrial stormwater exposed to "source material"? Y (☐) N (☐)

Is the project designed to avoid adverse hydraulic impacts on the groundwater table? Y (☐) N (☐)

g. Stormwater runoff quantity

Will the post-construction stormwater runoff flow only into tidal waters where the increased volume of stormwater runoff will not increase flood damages below the point of discharge? Y (☐) N (☐)

If "no," is the project designed to meet the stormwater runoff quantity standard at N.J.A.C. 7:8-5.4(a)3? Y (☐) N (☐) Also see question 4.j.

h. Stormwater runoff quality

Is the project subject to the requirement at N.J.A.C. 7:8-5.5(a) for 80 percent total suspended solids (TSS) reduction? Y (☐) N (☐)

If "yes," is the project designed to meet this requirement? Y (☐) N (☐) Also see question 4.j.

If "no," check whichever of the following are applicable:

☐Less than ¼ acre of additional impervious surface ☐NJPDES-based exemption

Is the project designed to meet the nutrient reduction standard at N.J.A.C. 7:8-5.5(e)? Y (☐) N (☐)

Are the project's stormwater management measures designed to prevent any increase in stormwater runoff to waters classified as FW1? Y (☐) N (☐) N/A (☐) (N/A if there is no stormwater runoff from the project to FW1 waters)

Does the project propose any encroachment within a special water resources protection area established under N.J.A.C. 7:8-5.5(h) to protect Category One waters? Y (☐) N (☐) Also see question 4.j.

If "yes," has the NJDEP approved the proposed encroachment? Y (☐) N (☐) Please explain if the NJDEP has not approved the proposed encroachment:

i. Other special circumstances

Are there special circumstances besides those noted above (e.g., alternative design and performance standards recognized under N.J.A.C. 7:8-5.1(b), and hardship waivers under N.J.A.C. 7:13-4.8) that result in one or more of the design and performance standards at N.J.A.C. 7:8-5 not being applicable to all or part of the project? Y (☐) N (☐)

If "yes," describe the circumstances and identify the standard(s) that are not applicable:

j. Calculations and stormwater engineering report

Was stormwater runoff calculated in accordance with N.J.A.C. 7:8-5.6? Y (☐) N (☐)

Attach a stormwater engineering report that includes the following information (unless the Exception below applies):

- A copy of Parts 1, 3, and 4 of the Low Impact Development Checklist (see Appendix A of the New Jersey Stormwater Best Management Practices Manual)
- A copy of a USGS topographical map(s), 7.5 minute quadrangle series, showing the project location and its HUC-14 watershed(s), and indicating any special water resources protection area(s) established under N.J.A.C. 7:8-5.5(h)
- Proof that the applicable groundwater recharge and stormwater runoff quantity and quality standards at N.J.A.C. 7:8-5.4 and 5.5 (or applicable alternative standards recognized under N.J.A.C. 7:8-5.1(b)) are met. This proof shall include complete printouts of all calculations (including detention, retention, and infiltration calculations for all basins), and shall compare existing and proposed recharge and discharge rates. The proof shall clearly explain how the attached calculations demonstrate compliance with the applicable standards. If the requirement at N.J.A.C. 7:8-5.5(a) for 80 percent TSS reduction is applicable, the proof shall detail how TSS reduction is achieved.

Exception: If "The entire project" is checked under question #3, have you submitted or will you submit the above information to the NJDEP to obtain the related NJDEP permit(s)? Y (☐) N (☐)

If "yes," it is not necessary to attach a stormwater engineering report.

k. Structural stormwater management

Is the project designed to meet the applicable standards for structural stormwater management measures at N.J.A.C. 7:8-5.7? Y (☐) N (☐)

l. Maintenance

Has the design engineer prepared for the project the maintenance plan required by N.J.A.C. 7:8-5.8? Y (☐) N (☐)

If "yes," attach the maintenance plan unless "The entire project" or "Part of the project" is checked under question #3, and you have submitted or will submit the maintenance plan for the entire project to the NJDEP to obtain the related NJDEP permit(s).

5. Compliance with NJDEP Design Standard for Storm Drain Inlets

Does the project include installation of any storm drain inlets? Y (☐) N (☐)

If "yes," is the project designed to comply with the standard set forth in Attachment C of the permit to control passage of solid and floatable materials? Y (☐) N (☐)

Attach a list of any storm drain inlets in the project that have hydraulic performance exemptions.

Are you claiming any alternative device exemptions or historic place exemptions for any of the storm drain inlets in this project? Y (☐) N (☐) If "yes," please explain:

Public Complex Stormwater General Permit Post-Construction Program Design Checklist for Individual Projects

For each question, attach additional sheets as necessary

Public Complex Information	Public Complex: NJPDES # : NJG____PI ID #: Team Member: Date ____Effective Date of Permit Authorization (EDPA):

1. Location of Project

a. Project Name

b. Public Complex Project Number (if applicable):

c. Municipality(ies):

d. County(ies):

2. Description (type of project)

a. Briefly describe (1) the purpose and intended use of the project, and (2) any pavement and/or structures to be erected or expanded:

b. Area of proposed disturbance: ____acres

c. Area of proposed additional impervious surface: ____acres

d. Discharges to (identify surface water body(ies)):

3. Related NJDEP Permits

How much (if any) of the project requires at least one NJDEP permit (stream encroachment permit; freshwater wetlands permit or transition area waiver; CAFRA, coastal wetlands, or waterfront development permit) granted under the following statutes?

Application Number (if available)

Flood Hazard Area Control Act, N.J.S.A. 58:16A-50 et seq.
Freshwater Wetlands Protection Act, N.J.S.A. 13:9B-1 et seq.
Coastal Area Facility Review Act, N.J.S.A. 13:19-1 et seq.
Waterfront and Harbor Facilities Act, N.J.S.A. 12:5-3

Answer (check one): The entire project ☐ Part of the project ☐ None of the project ☐

4. Compliance with NJDEP Design and Performance Standards (N.J.A.C. 7:8)

a. Nonstructural stormwater management strategies

To the maximum extent practicable, does the project meet the applicable erosion control, groundwater recharge, and stormwater runoff quantity and quality standards at N.J.A.C. 7:8-5.4 and 5.5 by incorporating nonstructural stormwater management strategies at N.J.A.C. 7:8-5.3 into the design? Y (☐) N (☐)

Also see question #4.j in regard to the Low Impact Development Checklist.

b. Threatened and endangered species

Are the project's stormwater management measures designed to avoid adverse impacts of concentrated flow on habitat for threatened and endangered species as documented in the Natural Heritage Database established under N.J.S.A. 13:1B-15.147 through 15.150, particularly *Helonias bullata* (swamp pink) and/or *Clemmys muhlnebergi* (bog turtle)? Y (☐) N (☐)

c. Exemption for certain utility line and public pedestrian access projects

How much (if any) of the project is exempt under N.J.A.C. 7:8-5.2(d) from the groundwater recharge and stormwater runoff quantity and quality requirements at N.J.A.C. 7:8-5.4 and 5.5? Y (☐) N (☐) If "yes," check whichever of the following are applicable:

The entire project ☐ Part of the project ☐ None of the project ☐

If you checked "The entire project" or "Part of the project," check whichever of the following are applicable:

Underground utility line ☐ Aboveground utility line ☐ Public pedestrian access ☐

If you checked "The entire project," skip questions #4.d, #4.f, #4.g, and #4.h.

d. Waiver for certain roadway, railroad, and public pedestrian access projects

Are you claiming, for the enlargement (widening) of an existing public roadway or railroad or the construction or enlargement of a public pedestrian access, a waiver under N.J.A.C. 7:8-5.2(e) from strict compliance with the groundwater recharge and stormwater runoff quantity and quality requirements at N.J.A.C. 7:8-5.4 and 5.5? Y (☐) N (☐) If "yes":

- Check whichever of the following are applicable:

Enlargement of existing public roadway or railroad ☐ Public pedestrian access ☐

- Attach written documentation making the demonstration required under N.J.A.C. 7:8-5.2(e), unless "The entire project" or "Part of the project" is checked under question #3, and you have submitted or will submit this documentation to the NJDEP to obtain the related NJDEP permit(s).
- Check whether the waiver is for:

The entire project ☐ Part of the project ☐ None of the project ☐

If you checked "The entire project," skip questions #4.f, #4.g, and #4.h.

e. Erosion control

Is the project in its post-construction condition designed to meet the erosion control standards established under the Soil Erosion and Sediment Control Act, N.J.S.A. 4:24-39 et seq. And implementing rules? Y (☐) N (☐)

Does the project have a soil erosion and sediment control plan certified under that Act and those rules? Y (☐) N (☐) If "no, " please explain:

f. Groundwater recharge

Under N.J.A.C. 7:8-5.4(a)2ii, how much (if any) of the project is outside the scope of the groundwater recharge requirement at N.J.A.C. 7:8-5.4(a)2i?

Answer (check one): The entire project ☐ Part of the project ☐ None of the project ☐

If you checked "The entire project" or "Part of the project," check whichever of the following are applicable:

Urban redevelopment area ☐ High pollutant loading area ☐ Industrial "source material" ☐

If you checked "Part of the project" or "None of the project," is the project designed to meet the groundwater recharge requirement at N.J.A.C. 7:8-5.4(a)2i? Y (☐) N (☐) Also see question 4.j.

Will there be recharge of any stormwater from high pollutant loading areas, or of industrial stormwater exposed to "source material"? Y (☐) N (☐)

Is the project designed to avoid adverse hydraulic impacts on the groundwater table? Y (☐) N (☐)

g. Stormwater runoff quantity

Will the post-construction stormwater runoff flow only into tidal waters where the increased volume of stormwater runoff will not increase flood damages below the point of discharge? Y (☐) N (☐)

If "no," is the project designed to meet the stormwater runoff quantity standard at N.J.A.C. 7:8-5.4(a)3? Y (☐) N (☐) Also see question 4.j.

h. Stormwater runoff quality

Is the project subject to the requirement at N.J.A.C. 7:8-5.5(a) for 80 percent total suspended solids (TSS) reduction? Y (☐) N (☐)

If "yes," is the project designed to meet this requirement? Y (☐) N (☐) Also see question 4.j.

If "no," check whichever of the following are applicable:

Less than ¼ acre of additional impervious surface ☐ NJPDES-based exemption ☐

Is the project designed to meet the nutrient reduction standard at N.J.A.C. 7:8-5.5(e)? Y (☐) N (☐)

Are the project's stormwater management measures designed to prevent any increase in stormwater runoff to waters classified as FW1? Y (☐) N (☐) N/A (☐) (N/A if there is no stormwater runoff from the project to FW1 waters)

Does the project propose any encroachment within a special water resources protection area established under N.J.A.C. 7:8-5.5(h) to protect Category One waters? Y (☐) N (☐) Also see question 4.j.

If "yes," has the NJDEP approved the proposed encroachment? Y (☐) N (☐) Please explain if the NJDEP has not approved the proposed encroachment:

i. Other special circumstances

Are there special circumstances besides those noted above (e.g., alternative design and performance standards recognized under N.J.A.C. 7:8-5.1(b), and hardship waivers under N.J.A.C. 7:13-4.8) that result in one or more of the design and performance standards at N.J.A.C. 7:8-5 not being applicable to all or part of the project? Y (☐) N (☐)

If "yes," describe the circumstances and identify the standard(s) that are not applicable:

j. Calculations and stormwater engineering report

Was stormwater runoff calculated in accordance with N.J.A.C. 7:8-5.6? Y (☐) N (☐)

Attach a stormwater engineering report that includes the following information (unless the Exception below applies):

- A copy of Parts 1, 3, and 4 of the Low Impact Development Checklist (see Appendix A of the New Jersey Stormwater Best Management Practices Manual)
- A copy of a USGS topographical map(s), 7.5 minute quadrangle series, showing the project location and its HUC-14 watershed(s), and indicating any special water resources protection area(s) established under N.J.A.C. 7:8-5.5(h)
- Proof that the applicable groundwater recharge and stormwater runoff quantity and quality standards at N.J.A.C. 7:8-5.4 and 5.5 (or applicable alternative standards recognized under N.J.A.C. 7:8-5.1(b)) are met. This proof shall include complete printouts of all calculations (including detention, retention, and infiltration calculations for all basins), and shall compare existing and proposed recharge and discharge rates. The proof shall clearly explain how the attached calculations demonstrate compliance with the applicable standards. If the requirement at N.J.A.C. 7:8-5.5(a) for 80 percent TSS reduction is applicable, the proof shall detail how TSS reduction is achieved.

Exception: If "The entire project" is checked under question #3, have you submitted or will you submit the above information to the NJDEP to obtain the related NJDEP permit(s)? Y (☐) N (☐)

If "yes," it is not necessary to attach a stormwater engineering report.

k. Structural stormwater management

Is the project designed to meet the applicable standards for structural stormwater management measures at N.J.A.C. 7:8-5.7? Y (☐) N (☐)

l. Maintenance

Has the design engineer prepared for the project the maintenance plan required by N.J.A.C. 7:8-5.8? Y (☐) N (☐)

If "yes," attach the maintenance plan unless "The entire project" or "Part of the project" is checked under question #3, and you have submitted or will submit the maintenance plan for the entire project to the NJDEP to obtain the related NJDEP permit(s).

5. Compliance with NJDEP Design Standard for Storm Drain Inlets

Does the project include installation of any storm drain inlets? Y (☐) N (☐)

If "yes," is the project designed to comply with the standard set forth in Attachment C of the permit to control passage of solid and floatable materials? Y (☐) N (☐)

Attach a list of any storm drain inlets in the project that have hydraulic performance exemptions.

Are you claiming any alternative device exemptions or historic place exemptions for any of the storm drain inlets in this project? Y (☐) N (☐) If "yes," please explain:

Resolution No. 06-46

RESOLUTION AUTHORIZING THE ADOPTION OF
A POLICY AND PROCEDURE TO PROHIBIT THE FEEDING OF UNCONFINED
WILDLIFE ON MONMOUTH COUNTY HIGHWAY PROPERTY

Freeholder BURRY offered the following Resolution and moved its adoption:

I. Purpose:

A policy and procedure to prohibit the feeding of unconfined wildlife, on any and all property owned or operated by Monmouth County for County highways, so as to protect public health, safety and welfare, and to prescribe penalties for failure to comply.

II. Definitions:

For the purpose of this policy and procedure, the following terms, phrases, words and their derivations shall have the meanings stated herein unless their use in the text of this policy and procedure clearly demonstrates a different meaning. When not inconsistent with the context, words used in the present tense include the future, words used in the plural number include the singular number, and words used in the singular number include the plural number. The word "shall" is always mandatory and not merely directory.

a. County Highway – any highway or other thoroughfare operated by Monmouth County (including a maintenance facility or rest area for such a thoroughfare). For purposes of this policy and procedure a "highway or other thoroughfare" does not include:

   1. Any thoroughfare confined to the grounds of one or more buildings; or
   2. Any thoroughfare confined to a park or recreational area operated by Monmouth County.

b. Feed – to give, place, expose, deposit, distribute or scatter any edible material with the intention of feeding, attracting or enticing wildlife. Feeding does not include baiting in the legal taking of fish and/or game.

c. Person – any individual, corporation, company, partnership, firm, association, or political subdivision of this State subject to County jurisdiction.

d. Wildlife – all animals that are neither human nor domesticated.

III. Prohibited Conduct:

No person shall feed, on any property owned or operated by Monmouth County for a County highway, any unconfined wildlife.

IV. Enforcement:

a. The provisions of this policy and procedure shall be enforceable by any local or State police officer.

b. Any person found to be in violation of this Resolution shall be ordered to cease the feeding immediately.

V. Violations and Penalties:

Any person(s) who is found to be in violation of the provisions of this policy and procedure shall be subject to a fine not to exceed $1,000.00.

BE IT FURTHER RESOLVED that the Clerk of the Monmouth County Board of Chosen Freeholders forward a certified true copy of this Resolution to New Jersey Department of Environmental Protection.

Seconded by Freeholder NAROZANICK and adopted on roll call by the following vote:

	YES	NO	ABSTAIN	ABSENT
Mrs. Burry	X			
Mrs. Handlin	X			
Mr. Narozanick	X			
Mr. Clifton	X			
Mr. Barham	X			

CERTIFICATION

I HEREBY CERTIFY THE ABOVE TO BE A TRUE COPY OF A RESOLUTION ADOPTED BY THE BOARD OF CHOSEN FREEHOLDERS OF THE COUNTY OF MONMOUTH AT A MEETING HELD

Jan 12, 20 06

Marion Marasek
CLERK

Resolution No. 06-47

RESOLUTION AUTHORIZING THE ADOPTION OF
A POLICY AND PROCEDURE TO PROHIBIT THE IMPROPER
DISPOSAL OF WASTE INTO STORM SEWERS AT COUNTY HIGHWAYS

Freeholder NAROZANICK offered the following Resolution and moved its adoption:

I. Purpose:

A policy and procedure to prohibit any and all spilling, dumping or disposal, by Monmouth County and its employees, of materials other than stormwater to the municipal separate storm sewer system (MS4) at County highways, so as to protect public health, safety and welfare, and to prescribe penalties for the failure to comply.

II. Definitions:

For the purpose of this policy and procedure, the following terms, phrases, words, and their derivations shall have the meanings stated herein unless their use in the text of this policy and procedure clearly demonstrates a different meaning. When not inconsistent with the context, words used in the present tense include the future, words used in the plural number include the singular number, and words used in the singular number include the plural number. The word "shall" is always mandatory and not merely directory.

a. County Highway – any highway or other thoroughfare operated by Monmouth County (including a maintenance facility or rest area for such a thoroughfare). For purposes of this policy and procedure, a "highway or other thoroughfare" does not include:

   1. Any thoroughfare confined to the grounds of one or more buildings; or
   2. Any thoroughfare confined to a park or recreational area operated by Monmouth County.

b. Municipal separate storm sewer system (MS4) – a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins,

curbs, gutters, ditches, manmade channels, or storm drains) that is owned or operated by Monmouth County or other public body, and is designed and used for collecting and conveying stormwater.

c. Stormwater – water resulting from precipitation (including rain and snow) that runs off the land's surface, is transmitted to the subsurface, is captured by separate storm sewers or other sewerage or drainage facilities, or is conveyed by snow removal equipment.

III. Prohibited Conduct:

Monmouth County and its employess are prohibited from:

a. Spilling, dumping, or disposing of materials other than stormwater to the municipal separate storm sewer system located at County highways.

b. Spilling, dumping, or disposing of materials other than stormwater in such a manner as to cause the discharge of pollutants to the municipal separate storm sewer system located at County highways.

IV. Exceptions

a. Water line flushing and discharges from potable water sources
b. Uncontaminated ground water (e.g., infiltration, crawl space or basement sump pumps, foundation or footing drains, rising ground waters)
c. Air conditioning condensate (excluding contact and non-contact cooling water)
d. Irrigation water (including landscape and lawn watering runoff)
e. Flows from springs, riparian habitats and wetlands, water reservoir discharges and diverted stream flows
f. Residential car washing water, and residential swimming pool discharges
g. Sidewalk, driveway and street wash water
h. Flows from fire fighting activities
i. Flows from rinsing of the following equipment with clean water:
    1. Beach maintenance equipment immediately following their use for their intended purposes; and
    2. Equipment used in the application of salt and de-icing materials immediately following salt and de-icing material applications. Prior to rinsing with clean water, all residual salt and de-icing materials must be removed from equipment and vehicles to the maximum extent practicable using dry cleaning methods (e.g., shoveling and sweeping). Recovered materials are to be returned to storage for reuse or properly discarded.

Rinsing of equipment in the above situations is limited to exterior, undercarriage, and exposed parts and does not apply to engines or other enclosed machinery.

V. Penalties:

Any Monmouth County officer or employee who continues to be in violation of the provisions of this policy and procedure, after being duly notified, shall be subject to removal, suspension, demotion or other disciplinary action.

BE IT FURTHER RESOLVED that the Clerk of the Monmouth County Board of Chosen Freeholders forward a certified true copy of this Resolution to New Jersey Department of Environmental Protection.

Seconded by Freeholder HANDLIN and adopted on roll call by the following vote:

	YES	NO	ABSTAIN	ABSENT
Mrs. Burry	X			
Mrs. Handlin	X			
Mr. Narozanick	X			
Mr. Clifton	X			
Mr. Barham	X			

CERTIFICATION

I HEREBY CERTIFY THE ABOVE TO BE A TRUE COPY OF A RESOLUTION ADOPTED BY THE BOARD OF CHOSEN FREEHOLDERS OF THE COUNTY OF MONMOUTH AT A MEETING HELD

Jan 12 20 06

Marion Mascuch
CLERK

Resolution No. 06-48

RESOLUTION AUTHORIZING THE ADOPTION
OF A POLICY AND PROCEDURE TO PROHIBIT
LITTERING AT ANY COMPLEX OR PROPERTY
OWNED OR OPERATED BY MONMOUTH COUNTY

Freeholder HANDLIN offered the following Resolution and moved its adoption:

I. Purpose:

A policy and procedure to prohibit littering at any complex or property owned or operated by Monmouth County, so as to protect public health, safety and welfare, and to prescribe penalties for the failure to comply.

II. Definitions:

For the purpose of this policy and procedure, the following terms, phrases, words and their derivations shall have the meanings stated herein unless their use in the text of this policy and procedure demonstrates a different meaning. When not inconsistent with the context, words used in the present tense include the future, words used in the plural number include the singular number, and words used in the singular number include the plural number. The word "shall" is always mandatory and not merely directory.

a. Litter - any used or unconsumed substance or waste material which has been discarded, whether made of aluminum, glass, plastic, rubber, paper, or other natural or synthetic material, or any combination thereof, including, but not limited to, any bottle, jar or can, or any top, cap or detachable tab of any bottle, jar or can, any unlighted cigarette, cigar, match or any flaming or glowing material or any garbage, trash, refuse, debris, rubbish, grass clippings or other lawn or garden waste, newspapers, magazines, glass, metal, plastic or paper containers or other packaging or construction material, but does not include the waste of the primary processes of mining or other extraction processes, logging, sawmilling, farming or manufacturing.

b. Litter Receptacle – a container suitable for the depositing of litter.

c. Person – any individual, corporation, company, partnership, firm, association, or political subdivision of this State whose conduct at complexes or property owned or operated by Monmouth County.

III. Prohibited Conduct:

No person shall throw, drop, discard or otherwise place any litter of any nature upon Monmouth County property other than in a litter receptacle, or having done so to allow such litter to remain.

Whenever any litter is thrown or discarded or allowed to fall from a vehicle or boat in violation of this policy and procedure, the operator or owner, or both, of the motor vehicle or boat shall also be deemed to have violated this regulation.

IV. Violations and Penalties:

Any person(s) who is found to be in violation of the provisions of this policy and procedure shall be subject to a fine not to exceed $1,000.00.

BE IT FURTHER RESOLVED that the Clerk of the Monmouth County Board of Chosen Freeholders forward a certified true copy of this Resolution to New Jersey Department of Environmental Protection.

Seconded by Freeholder CLIFTON and adopted on roll call by the following vote:

	YES	NO	ABSTAIN	ABSENT
Mrs. Burry	X			
Mrs. Handlin	X			
Mr. Narozanick	X			
Mr. Clifton	X			
Mr. Barham	X			

CERTIFICATION

I HEREBY CERTIFY THE ABOVE TO BE A TRUE COPY OF A RESOLUTION ADOPTED BY THE BOARD OF CHOSEN FREEHOLDERS OF THE COUNTY OF MONMOUTH AT A MEETING HELD

Jan 12, 20 06

Maria Rosenzweig
CLERK

Resolution No. 06-49

RESOLUTION AUTHORIZING THE ADOPTION OF
POLICY AND PROCEDURE TO PROHIBIT ILLICIT
CONNECTIONS TO STORM SEWERS ON COUNTY HIGHWAYS

Freeholder CLIFTON offered the following Resolution and moved its adoption:

I. Purpose:

A policy and procedure to prohibit any and all illicit connections by Monmouth County to all MS4s of the municipal separate storm sewer system(s) operated by Monmouth County, so as to protect public health, safety and welfare, and to prescribe penalties for the failure to comply. This policy and procedure does not apply to any illicit connection which emanates from an entity other than Monmouth County.

II. Definitions:

For the purpose of this policy and procedure, the following terms, phrases, words, and their derivations shall have the meanings stated herein unless their use in the text of this policy and procedure clearly demonstrates a different meaning. When not inconsistent with the context, words used in the present tense include the future, words used in the plural number include the singular number, and words used in the singular number include the plural number. The word "shall" is always mandatory and not merely directory. Most of the definitions below are the same as or based on corresponding definitions in the New Jersey Pollutant Discharge Elimination System (NJPDES) rules at N.J.A.C. 7:14A-1.2.

a. County Highway – any highway or other thoroughfare operated by Monmouth County (including a maintenance facility or rest area for such a thoroughfare). For purposes of this policy and procedure a "highway or other thoroughfare" does not include:

   1. Any thoroughfare confined to the grounds of one or more buildings; or

2. Any thoroughfare confined to a park or recreational area operated by Monmouth County.

b. Domestic sewage - waste and wastewater from humans or household operations.

c. Illicit connection – any physical or non-physical connection that discharges domestic sewage, non-contact cooling water, process wastewater, or other industrial waste (other than stormwater) to the municipal separate storm sewer system operated by Monmouth County, unless that discharge is authorized under a NJPDES permit other than the Public Complex Stormwater General Permit (NJPDES Permit Number NJ0141879). Non-physical connections may include, but are not limited to, leaks, flows, or overflows into the municipal separate storm sewer system.

d. Industrial waste - non-domestic waste, including, but not limited to, those pollutants regulated under Section 307(a), (b), or (c) of the Federal Clean Water Act (33 U.S.C. §1317(a), (b), or (c)).

e. Municipal separate storm sewer system (MS4) – a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels, or storm drains) that is owned or operated by Monmouth County or other public body, and is designed and used for collecting and conveying stormwater.

f. NJPDES permit – a permit issued by the New Jersey Department of Environmental Protection to implement the New Jersey Pollutant Discharge Elimination System (NJPDES) rules at N.J.A.C. 7:14A

g. Non-contact cooling water - water used to reduce temperature for the purpose of cooling. Such waters do not come into direct contact with any raw material, intermediate product (other than heat) or finished product. Non-contact cooling water may however contain algaecides, or biocides to control fouling of equipment such as heat exchangers, and/or corrosion inhibitors.

h. Process wastewater - any water which, during manufacturing or processing, comes into direct contact with or results from the production or use of any raw material, intermediate product, finished product, byproduct, or waste product. Process wastewater includes, but is not limited to, leachate and cooling water other than non-contact cooling water.

i. Stormwater – water resulting from precipitation (including rain and snow) that runs off the land's surface, is transmitted to the subsurface, is captured by separate storm sewers or other sewerage or drainage facilities, or is conveyed by snow removal equipment.

III. Prohibited Conduct:

Monmouth County and its officers, staff, agents, other employees, contractors, and students shall not discharge or cause to be discharged, through an illicit connection to the municipal separate

storm sewer system operated by Monmouth County, any domestic sewage, non-contact cooling water, process wastewater, or other industrial waste (other than stormwater).

IV. Penalties:

Any Monmouth County officer or employee who continues to be in violation of the provisions of this policy and procedure, after being duly notified, shall be subject to removal, suspension, demotion or other disciplinary action.

BE IT FURTHER RESOLVED that the Clerk of the Monmouth County Board of Chosen Freeholders forward a certified true copy of this Resolution to New Jersey Department of Environmental Protection.

Seconded by Freeholder BURRY and adopted on roll call by the following vote:

	YES	NO	ABSTAIN	ABSENT
Mrs. Burry	X			
Mrs. Handlin	X			
Mr. Narozanick	X			
Mr. Clifton	X			
Mr. Barham	X			

CERTIFICATION

I HEREBY CERTIFY THE ABOVE TO BE A TRUE COPY OF A RESOLUTION ADOPTED BY THE BOARD OF CHOSEN FREEHOLDERS OF THE COUNTY OF MONMOUTH AT A MEETING HELD

Jan 12, 20 06

Marina Rascich
CLERK

MONMOUTH COUNTY BOARD OF CHOSEN FREEHOLDERS

Freeholder Meeting Venue:

Date: Oct 28, 2010 - 7:00 PM

Location: Hall of Records
Freeholders' Meeting Room
1 East Main Street
Freehold, NJ 07728

Agenda: Resolution authorizing the adoption of a policy and procedure requiring dumpsters and other refuse containers that are outdoors or exposed to storm water to be covered at all times to prohibit the spilling, dumping, leaking or otherwise discharge of liquids, semi-liquids or solids from the containers into storm sewers on County Highways.

Official Document #	Res# 2010-0848						
Meeting Date	10/28/2010						
Introduced Date	10/28/2010						
Adopted Date	10/28/2010						
Agenda Item	15						
FREEHOLDER	PRES.	ABS.	MOVE	SEC	AYE	NAY	ABST.
Curley	✓			✓	✓		
Mallet	✓				✓		
D'Amico	✓		✓		✓		
Clifton	✓				✓		
Burry	✓				✓		

County Counsel

RESOLUTION AUTHORIZING THE ADOPTION OF A POLICY AND PROCEDURE REQUIRING DUMPSTERS AND OTHER REFUSE CONTAINERS THAT ARE OUTDOORS OR EXPOSED TO STORM WATER TO BE COVERED AT ALL TIMES TO PROHIBIT THE SPILLING, DUMPING, LEAKING OR OTHERWISE DISCHARGE OF LIQUIDS, SEMI-LIQUIDS OR SOLIDS FROM THE CONTAINERS INTO STORM SEWERS ON COUNTY HIGHWAYS.

Section I. Purpose:

A policy and procedure requiring dumpsters and other refuse containers that are outdoors or exposed to stormwater to be covered at all times and prohibiting the spilling, dumping, leaking, or otherwise discharge of liquids, semi-liquids or solids from the containers to the municipal separate storm sewer system(s) at County Highways and/or the waters of the State so as to protect public health, safety and welfare, and to prescribe penalties for the failure to comply. This policy and procedure does not apply to any dumpster and other refuse container which is owned/controlled by any entity/person other than the County of Monmouth.

Section II. Definitions:

For the purpose of this policy and procedure, the following terms, phrases, words, and their derivations shall have the meanings stated herein unless their use in the text of this Chapter clearly demonstrates a different meaning. When not inconsistent with the context, words used in the present tense include the future, words used in the plural number include the singular number, and words used in the singular number include the plural number. The word "shall" is always mandatory and not merely directory.

a) County Highway-any highway or other thoroughfare operated by Monmouth County (including a maintenance facility or rest area for such a thoroughfare). For purposes of this policy and procedure a "highway or other thoroughfare" does not include:

   1. Any thoroughfare confined to the grounds of one or more buildings or:

   2. Any thoroughfare confined to a park or recreational area operated by Monmouth County.

Introduced on: October 28, 2010
Adopted on: October 28, 2010
Official Resolution#: 2010-0848

b) County-Monmouth County

c) Municipal separate storm sewer system (MS4) - a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels, or storm drains) that is owned or operated by Monmouth County or other public body, and is designed and used for collecting and conveying stormwater. MS4s do not include combined sewer systems, which are sewer systems that are designed to carry sanitary sewage at all times and to collect and transport stormwater from streets and other sources.

d) Person - any individual, corporation, company, partnership, firm, association, or political subdivision of this State subject to municipal jurisdiction.

e) Refuse container - any waste container that a person controls whether owned, leased, or operated, including dumpsters, trash cans, garbage pails, and plastic trash bags.

f) Stormwater - means water resulting from precipitation (including rain and snow) that runs off the land's surface, is transmitted to the subsurface, is captured by separate storm sewers or other sewerage or drainage facilities, or is conveyed by snow removal equipment.

g) Waters of the State - means the ocean and its estuaries, all springs, streams and bodies of surface or ground water, whether natural or artificial, within the boundaries of the State of New Jersey or subject to its jurisdiction.

SECTION III. Prohibited Conduct:

Monmouth County and its officers, staff, agents, other employees, contractors and students shall ensure that any County controlled dumpsters or refuse containers whether owned, leased, or operated is covered at all times and shall prevent refuse from spilling out or overflowing on County highways.

Monmouth County and its officers, staff, agents, other employees, contractors and students shall ensure that any

County controlled dumpster or refuse container does not leak or otherwise discharge liquids, semi-liquids or solids to the municipal separate storm sewer system(s) on County highways.

SECTION IV. Exceptions to Prohibition:

a. Permitted temporary demolition containers

b. Litter receptacles (other than dumpsters or other bulk containers)

c. Individual homeowner trash and recycling containers

d. Refuse containers at facilities authorized to discharge stormwater under a valid NJPDES permit

e. Large bulky items (e.g., furniture, bound carpet and padding, white goods placed curbside for pickup)

SECTION V. Penalties:

Any Monmouth County officer or employee, who continues to be in violation of the provisions of this policy and procedure, after being duly notified, shall be subject to removal, suspension, demotion or other disciplinary action.

SECTION VI. Severability:

Each section, subsection, sentence, clause and phrase of this Policy and Procedure is declared to be an independent section, subsection, sentence, clause and phrase, and the finding or holding of any such portion of this Policy and Procedure to be unconstitutional, void, or ineffective for any cause, or reason, shall not affect any other portion of this Policy and Procedure.

SECTION VII. Effective date:

This Policy and Procedure shall be in full force and effect from and after its adoption and any publication as may be required by law.

BE IT FURTHER RESOLVED that the Clerk forward a certified true copy of this resolution to the New Jersey Department of Environmental Protection and John Tobia, Director of Public Works and Engineering.

Introduced on: October 28, 2010
Adopted on: October 28, 2010
Official Resolution#: 2010-0848

APPENDIX V

Jellyfish™ Filter System
Inspection and Maintenance Information

Jellyfish™ Inspection and Maintenance

Regular inspection and maintenance are proven, cost-effective ways to maximize water resource protection for all stormwater pollution control practices, and are required to insure proper functioning of the Jellyfish filter system. Inspection of the Jellyfish filter system is easily performed from the surface, while proper maintenance requires a combination of procedures conducted from the surface and with worker entry into the structure. The Jellyfish filter system's patent pending technology has no moving parts, keeping the process simple.

Please refer to the following information and guidelines before conducting inspection and maintenance activities.

When is inspection needed?

- Post-construction inspection is required prior to putting the Jellyfish filter system into service.
- Routine inspections are recommended during the first year of operation to accurately assess the sediment and floatable pollutant accumulation, and to ensure that the automatic backwash feature is functioning properly.
- Specifically for New Jersey installations, regulations require all BMPs to be inspected a minimum four times per year and after every storm with greater than one inch of rainfall.
- Inspection frequency in subsequent years is based on the maintenance plan developed in the first year.
- Inspections should also be performed immediately after an oil, fuel or other chemical spill.

When is maintenance service needed?

- For optimum performance, the unit should be cleaned out once the sediment depth reaches 12 inches of accumulation. Generally, the minimum cleaning frequency is once annually, although the frequency can be based on historical inspection results.
- Filter cartridges should be cleaned and re-commissioned, or replaced, every 12 months or when the automatic backwash feature no longer functions, whichever occurs first. The automatic backwash function will be disabled if the filter cartridges become saturated with sediment. This saturated condition is indicated if the backwash pool contains more than 3 inches depth of water after 12 or more hours of dry weather have elapsed since the most recent rainfall/runoff event.
- The unit should be cleaned out immediately after an oil, fuel or chemical spill.

What conditions can compromise the Jellyfish filter system's performance?

- If sediment accumulates beyond 12 inches in depth, filter cartridge life and sediment removal efficiency may be reduced.
- If filter cartridges become saturated with sediment, the system may not provide filtration treatment at the designed water quality flow rate, and unfiltered water may bypass the filter cartridges.
- If an oil spill(s) exceeds the oil capacity of the system, subsequent spills may not be captured and may cause fouling of the filter cartridges.
- If debris clogs the inlet of the system, removal efficiency of sediment, hydrocarbons, and gross pollutants may be reduced.
- If a downstream blockage occurs, a backwater condition may occur in the system and removal efficiency of sediment, hydrocarbons, and gross pollutants may be reduced.

What training is required?

The Jellyfish filter system is inspected and maintained by professional vacuum cleaning service providers with experience in the maintenance of underground tanks, sewers and catch basins. Since some of the maintenance procedures require manned entry into the Jellyfish structure, only professional maintenance service providers trained in confined space entry procedures should enter the vessel. Service provider companies typically have personnel who are trained and certified in confined space entry procedures according to local, state, and federal standards.

For typical inspection and maintenance activities, no specific supplemental training is required for the Jellyfish filter system. Information provided in this document or the Jellyfish Filter System Operation and Maintenance Manual (provided to the system owner) contains sufficient guidance to maintain the system properly.

What equipment is typically required for inspection?

- Manhole access cover lifting tool
- Oil dipstick or sampling tool
- Sediment probe
- Flashlight
- Camera
- Data log
- Safety cones and caution tape
- Hard hat, safety shoes, safety glasses, and chemical-resistant gloves

How is the Jellyfish filter system inspected?

- The Jellyfish filter system can be inspected from the surface through the standard surface manhole access cover or custom doors.
- Sediment and oil depth inspections are performed with a sediment probe and oil dipstick. Sediment and oil depth are measured through the 30-inch diameter maintenance access pipe.

- Visual inspection for floatable pollutant accumulation such as litter and hydrocarbons is also performed by shining a flashlight into the 30-inch diameter maintenance access pipe.
- Visual inspection of the backwash pool (6-inch high kidney-shaped or oval-shaped weir) should also be performed to check for standing water in the pool. If at least 12 hours of dry weather have elapsed since the most recent rainfall/runoff event and the backwash pool contains more than 3 inches of water, this condition indicates that the filter cartridges are saturated with sediment and should be cleaned or replaced.
- Inspections also involve a visual inspection of the internal components of the system for obvious damage.

What equipment is typically required for maintenance?

- Vacuum truck equipped with water hose and jet nozzle
- Small pump and tubing for oil removal, if necessary
- Manhole access cover lifting tool
- Oil dipstick or sampling tool
- Sediment probe
- Flashlight
- Camera
- Data log
- Safety cones and caution tape
- Hard hats, safety shoes, safety glasses, chemical-resistant gloves, and hearing protection for service providers
- Gas analyzer, respiratory gear, and safety harness for specially trained personnel if confined space entry is required
- Replacement cartridges are required if manual cleaning and re-commissioning of existing cartridges is not possible or adequate to restore proper system function.

How is the Jellyfish filter system maintained?

- The Jellyfish filter system can be maintained through the standard surface manhole access cover. All access covers should be removed to provide additional light and ventilation. If custom doors were installed instead of frames and covers, open all doors
- Insert the oil dipstick or sampling tool into the 30-inch diameter maintenance access pipe. If oil is present, pump off the oil layer into separate containment using a small pump and tubing. Some maintenance service providers may elect to use the vacuum hose if the oil amount is small.
- Maintenance cleaning of accumulated floatable litter and sediment is performed with a vacuum hose inserted through the 30-inch diameter maintenance access pipe.
- Using the vacuum hose, decant the water from the lower chamber to the sanitary sewer, if permitted by the local regulating authority, or into a separate containment tank.

- Remove the sludge from the bottom of the unit using the vacuum hose.
- For larger Jellyfish systems, (8-ft, 10-ft, 12-ft diameter), complete sediment removal may be facilitated by inserting a water hose with jet nozzle through a hole in the cartridge deck where a filter cartridge has been removed. Use the water jet to break up sediment on the bottom of vessel that is farthest from the 30-inch diameter maintenance access pipe. Rinse this sediment toward the maintenance access pipe for easy vacuum removal.
- To access the cartridge deck for manual cleaning or replacement of filter cartridges, descend the ladder that is built into structure's sidewall, observing all precautions for safe and proper confined space entry. Note that the cartridge deck may be slippery. Care should be taken to avoid stepping directly onto the cartridge heads or onto the backwash pool weir.
- A manual backwash of the cartridges is recommended to remove a high percentage of accumulated sediment from the filtration tentacles and extend the service life of the cartridges. A cartridge adapter pipe (12-inch diameter x 2-feet length threaded plastic pipe) may be purchased from Imbrium Systems that allows each cartridge to be selectively backwashed using a 2-inch diameter water hose that is supplied with water from either (a) the previously decanted water stored in a vactor truck compartment; (b) clean water from a separate water truck delivered to the site; or (c) water from a nearby fire hydrant or other clean water source.
- Manual backwash procedure: Twist the threaded orifice plate on the cartridge head counter-clockwise to remove the plate and expose the tentacle holes. With the threaded orifice plate removed, screw in the threaded cartridge adapter pipe over the exposed tentacle holes. Insert the 2-inch diameter water hose into the adapter pipe and commence full water flow by opening the ball valve on the end of the hose. Direct the water flow uniformly across the tentacle holes using a sweeping motion for one full minute, then close the ball valve. Remove the adapter pipe and re-install the orifice plate to secure the cartridge.
- Inspection of cartridge after manual backwashing: After manually backwashing the first cartridge, a visual inspection of the filtration tentacles is recommended. With the orifice plate removed, lift the cartridge (using the lifting bolts in the cartridge head) so that most or all of the filtration tentacle bundle is exposed. If upon visual inspection the degree or nature of any remaining sediment accumulation on the tentacles shows that the manual backwash was not effective, provisions must be made to replace all the spent cartridges with new cartridges as soon as possible. To re-commission a cleaned and regenerated cartridge, or to install a new cartridge, place the cartridge into the cartridge hole and re-install the orifice plate to secure the cartridge.
- New cartridges are lightweight (less than 20 pounds), and can be easily lowered down to a worker on the cartridge deck. Care should be taken not to bend or otherwise damage the tentacles during the handling and installation procedures.
- For maximum safety, it is recommended that each spent cartridge be removed and replaced one at a time, such that there is never more than one cartridge hole exposed. Removable cartridge hole cover plates can be purchased from Imbrium

Systems if required.

- Remove spent cartridges from the vessel.
- After cartridge service has been completed, the backwash water may be removed by vacuum hose.
- Re-fill the lower chamber with water where required by the local jurisdiction.

What is required for proper disposal?

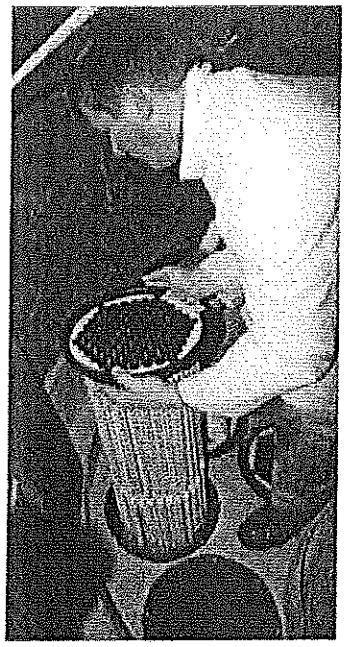
- Disposal requirements for recovered pollutants and spent filter cartridges may vary depending on local guidelines. In most areas the sediment and spent filter cartridges, once dewatered, can be disposed of in a sanitary landfill. It is not anticipated that the sediment would be classified as hazardous waste.

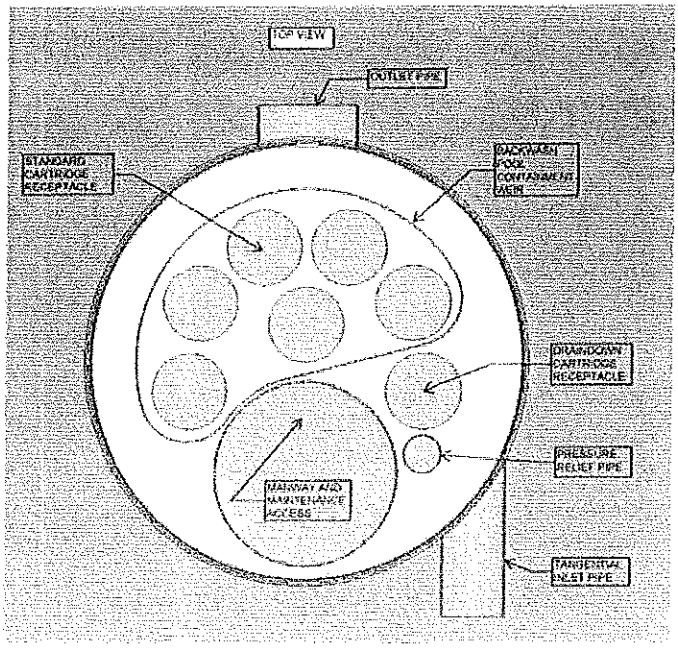
What about oil spills?

- Petroleum-based pollutants captured by the Jellyfish filter system (oil/chemical/fuel spills) should be removed and disposed of by a licensed waste management company.
- Although the Jellyfish filter system captures virtually all free oil, a sheen at the outlet **does not** mean the unit isn't working. A rainbow or sheen can be visible at oil concentrations of less than 10 mg/L (ppm).

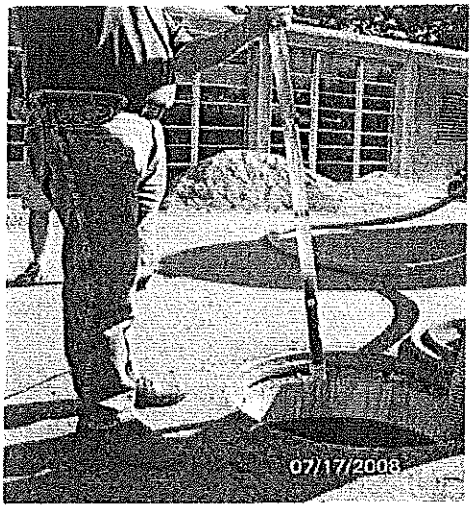
What factors affect the costs involved with inspection/maintenance?

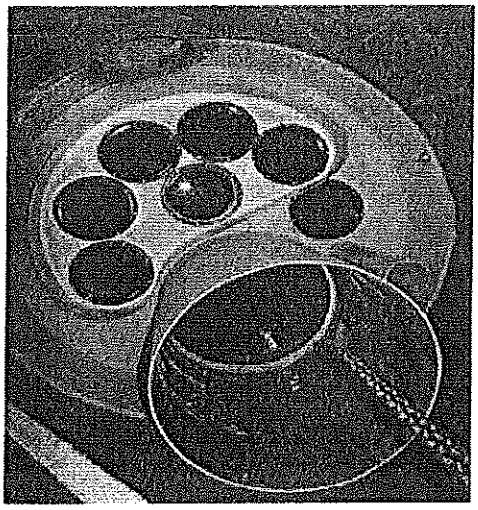
- Inspection and maintenance costs are based on unit size, cartridge count, sediment/oil/hazardous material loads, transportation distances, tipping fees, disposal requirements and other local regulations. Maintenance costs are anticipated to be substantially lower in instances where dirty cartridges are manually cleaned and re-commissioned rather than replaced with new cartridges.



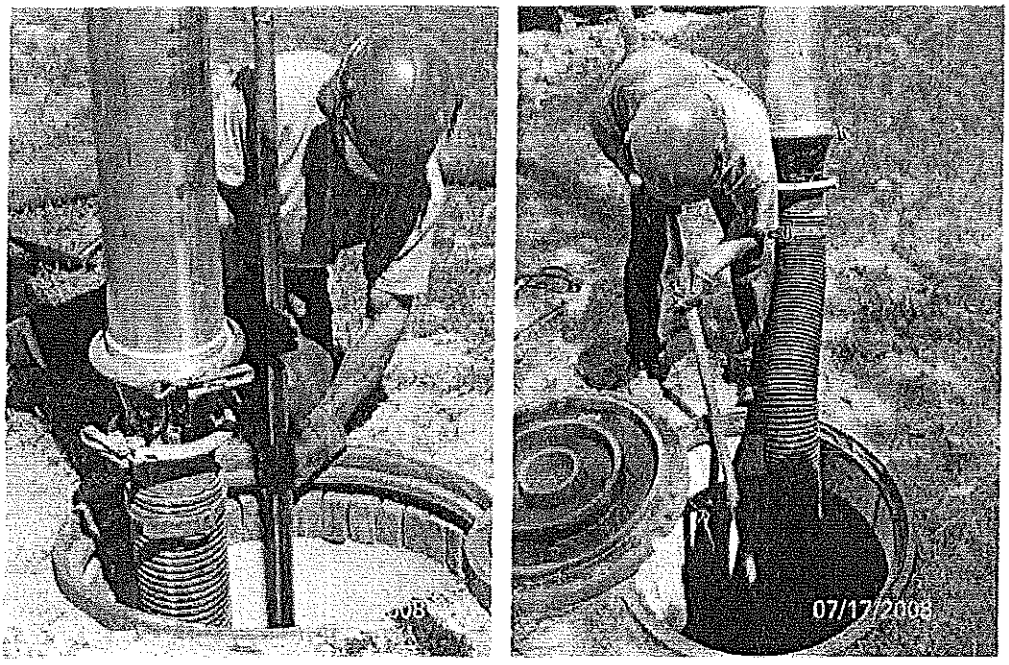


Lightweight Jellyfish filter cartridges are easily inserted into and removed from the cartridge deck by hand. The top view schematic (above right) and top view photo (below right) depict the 6-ft diameter system. Note the 6 standard cartridges enclosed by the kidney-shaped backwash pool weir. A single draindown cartridge is located outside the weir.





The depth of sediment and oil can be measured from the surface by using a sediment probe or dipstick tube equipped with a ball check valve and inserted through the 30-inch maintenance access pipe. This large port provides convenient access for inspection and vacuum removal of water and pollutants.



A maintenance worker stationed on the surface uses a vacuum hose to evacuate water, sediment, and debris from the system.

The benefits of regular inspection and maintenance are many – from ensuring maximum operation efficiency, to keeping maintenance costs low, to the continued protection of natural waterways – and provide the key to the Jellyfish filter system's long and effective service life.

Ordering Replacement Parts

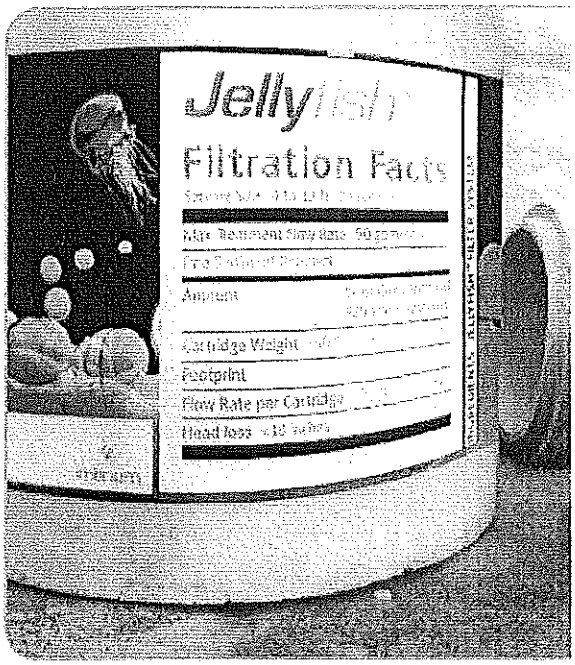
Jellyfish filter cartridges, cartridge hole cover plates, cartridge adaptor pipes (for manual backwashing), and other system components can be ordered by contacting:

Imbrium Systems Corporation
1-888-279-8826
www.imbriumsystems.com

(revised 10-15-08)

Jellyfish™

The Smart Choice in Stormwater Filtration



Jellyfish™ fine sediment filter system

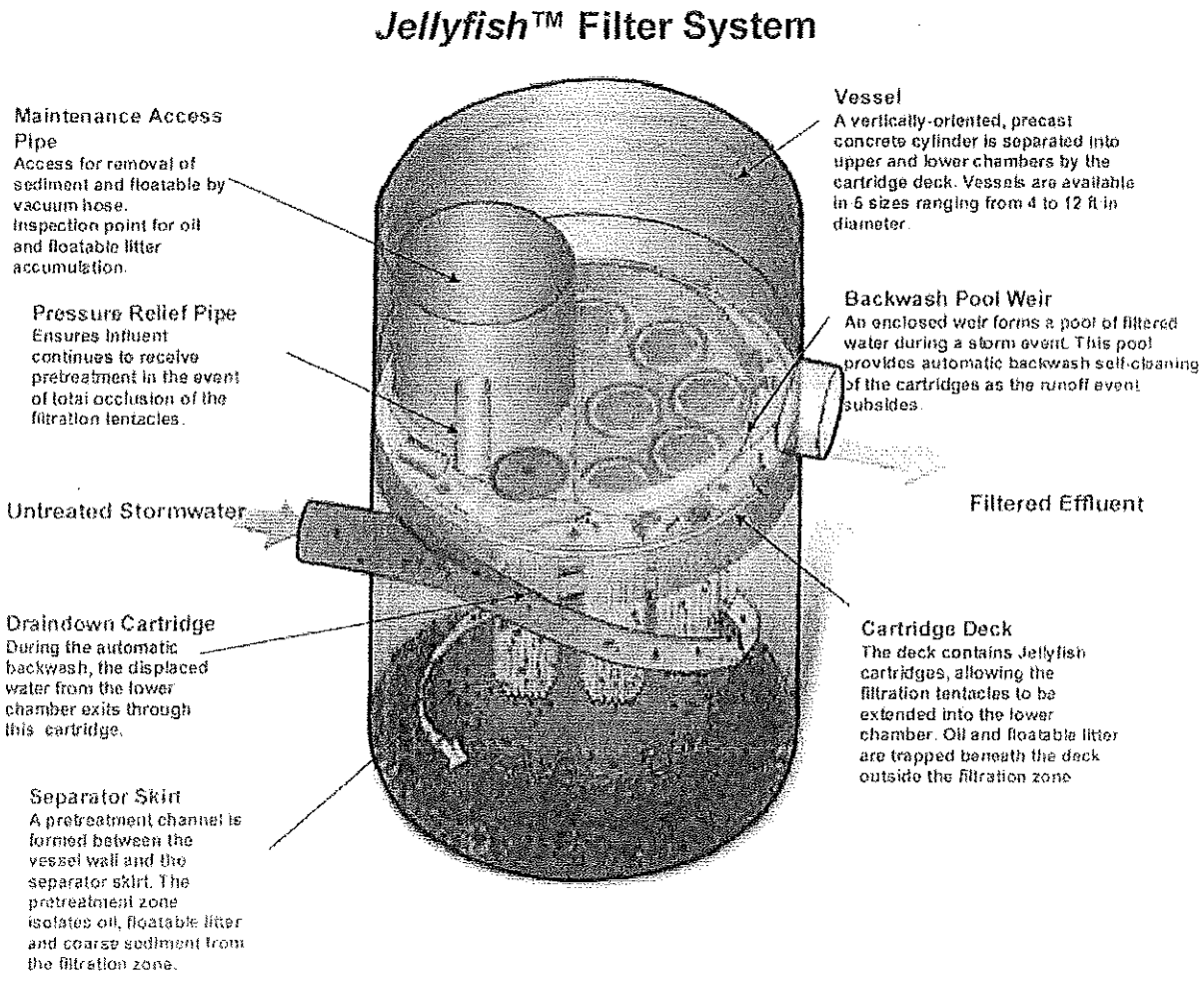
Jellyfish is a remarkably compact filter that uses filtration tentacles to trap over 85% fine sediment, and allows three times the flow capacity with just one-third the footprint and one-fifth the weight of conventional filters.

Superior Performance, Flexibility and Ease of Maintenance

- Unique filtration tentacles provide a high treatment surface area in a small footprint
- Removes greater than 85% fine sediment (Sil-Co-Sil 106™) and high levels of pollutants that adsorb to fine sediment at flow rates up to 50 gpm per cartridge
- Available as a single structure with integrated pretreatment for oil, floatable litter, and coarse sediment or as a filtration-only structure that uses an upstream pretreatment measure such as the Stormceptor® system
- Lightweight backwashable Jellyfish cartridges are easy to maintain compared to traditional heavy granular media filter cartridges
- Designed to meet your site's specific water quality objectives

System schematic and component functions

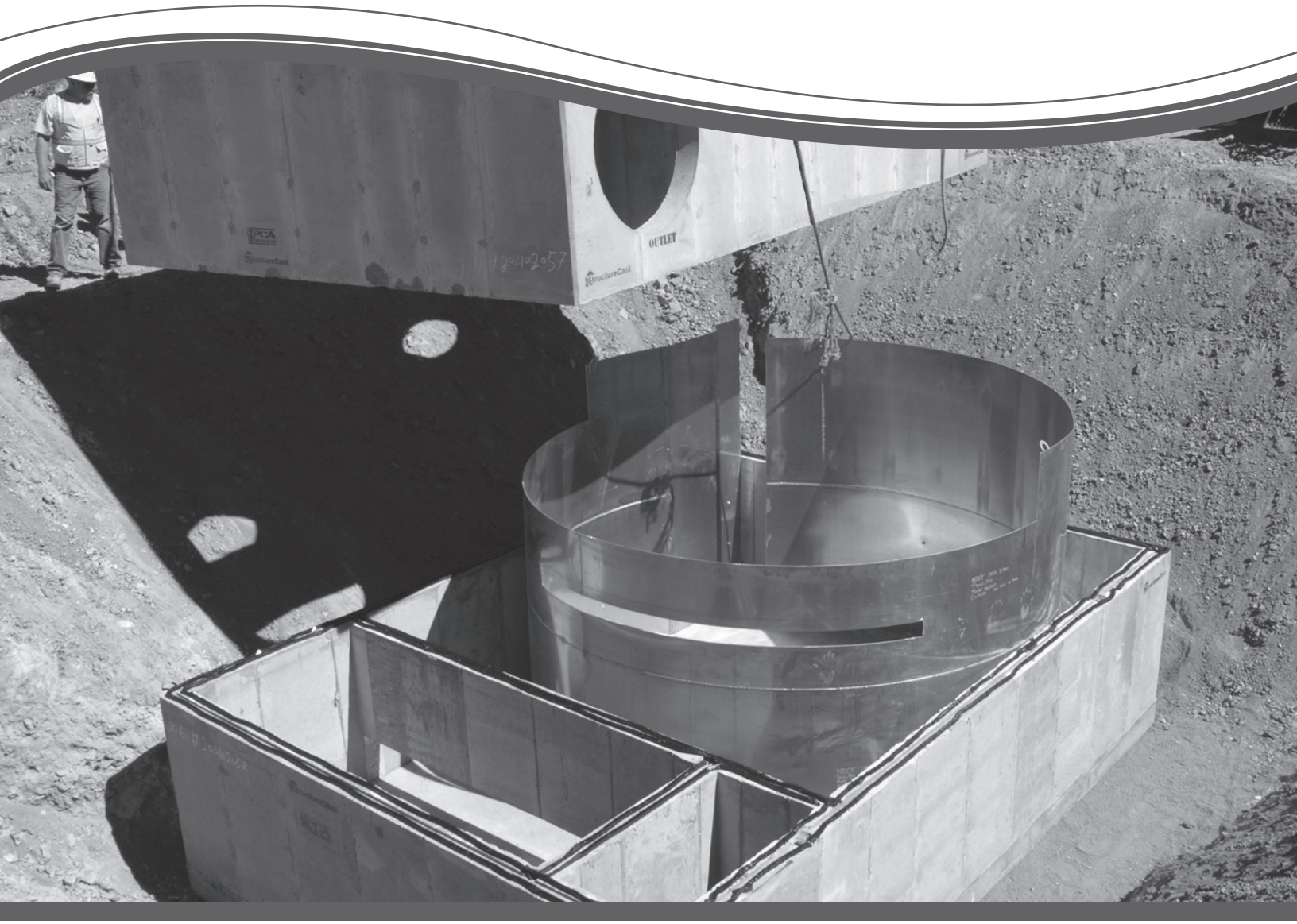
Below is a schematic of the Jellyfish filter system with key components identified and their functions briefly described (6-ft diameter system is depicted).



The Jellyfish filter system has no moving parts to wear out and therefore maintenance activities are generally focused on pollutant removal and filter cartridge service.

CONTECH®
ENGINEERED SOLUTIONS

Vortechs® Guide
Operation, Design, Performance and Maintenance



Vortechs®

Vortechs®

The Vortechs system is a high-performance hydrodynamic separator that effectively removes finer sediment (e.g. 50-microns (μm), oil, and floating and sinking debris. The swirl concentration operation and flow controls work together to minimize turbulence and provide stable storage of captured pollutants. Precast models can treat peak design flows up to 30-cfs (850-L/s); cast-in-place models handle even greater flows. A typical system is sized to provide a specific removal efficiency of a predefined particle size distribution (PSD).

Operation Overview

Stormwater enters the swirl chamber inducing a gentle swirling flow pattern and enhancing gravitational separation. Sinking pollutants stay in the swirl chamber while floatables are stopped at the baffle wall. Vortechs systems are usually sized to efficiently treat the frequently occurring runoff events and are primarily controlled by the low flow control orifice. This orifice effectively reduces inflow velocity and turbulence by inducing a slight backwater that is appropriate to the site.

During larger storms, the water level rises above the low flow control orifice and begins to flow through the high flow control. Any layer of floating pollutants is elevated above the invert of the Floatables Baffle Wall, preventing release. Swirling action increases in relation to the storm intensity, while sediment pile remains stable. When the storm drain is flowing at peak capacity, the water surface in the system approaches the top of the high flow control. The Vortechs system will be sized large enough so that previously captured pollutants are retained in the system, even during these infrequent events.

As a storm subsides, treated runoff decants out of the Vortechs system at a controlled rate, restoring the water level to a dry-weather level equal to the invert of the inlet pipe. The low water level facilitates easier inspection and cleaning, and significantly reduces maintenance costs by reducing pump-out volume.

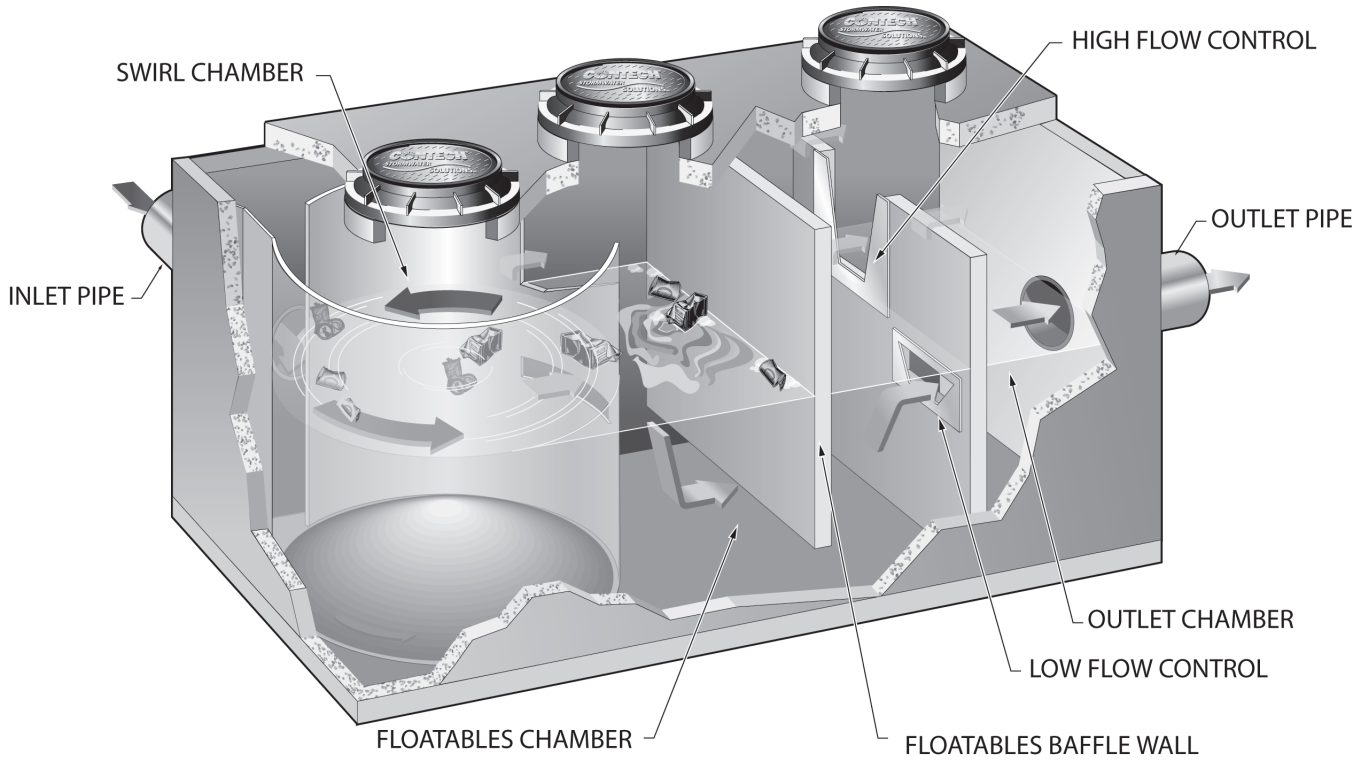
Design Basics

Each Vortechs system is custom designed based on site size, site runoff coefficient, regional precipitation intensity distribution, and anticipated pollutant characteristics. There are two primary methods of sizing a Vortechs system. The first is to determine which model size provides the desired removal efficiency at a given flow for a defined particle size or PSD. The second and more in depth method is the summation of Rational Rainfall Method™ which uses a summation process described below in detail and is used when a specific removal efficiency of the net annual sediment load is required.

Typically Vortechs systems are designed to achieve an 80% annual solids load reduction based on lab generated performance curves for either 50-μm particles, or a particle gradation found in typical urban runoff (see performance section of this manual for more information).

The Rational Rainfall Method™

Differences in local climate, topography and scale make every site hydraulically unique. It is important to take these factors into consideration when estimating the long-term performance of any stormwater treatment system. The Rational Rainfall Method combines site-specific information with laboratory generated performance data, and local historical precipitation records to estimate removal efficiencies as accurately as possible.



Short duration rain gauge records from across the United States and Canada were analyzed to determine the percent of the total annual rainfall that fell at a range of intensities. US stations' depths were totaled every 15 minutes or hourly and recorded in 0.01-inch increments. Depths were recorded hourly with 1-mm resolution at Canadian stations. One trend was consistent at all sites; the vast majority of precipitation fell at low intensities and high intensity storms contributed relatively little to the total annual depth.

These intensities, along with the total drainage area and runoff coefficient for each specific site, are translated into flow rates using the Rational Rainfall Method. Since most sites are relatively small and highly impervious, the Rational Rainfall Method is appropriate. Based on the runoff flow rates calculated for each intensity, operating rates within a proposed Vortechs system are determined. Performance efficiency curve determined from full scale laboratory tests on defined sediment PSDs is applied to calculate solids removal efficiency. The relative removal efficiency at each operating rate is added to produce a net annual pollutant removal efficiency estimate.

Once a system size is established, the internal elements of the system are designed based on information provided by the site engineer. Flow control sizes and shapes, sump depth, oil spill storage capacity, sediment storage volume and inlet and outlet orientation are determined for each system. In addition, bypass weir calculations are made for off-line systems.

Flow Control Calculations

Low Flow Control

The low flow control, or orifice, is typically sized to submerge the inlet pipe when the Vortechs system is operating at 20% of its treatment capacity. The orifice is typically a Cippoletti shaped aperture defined by its flat crest and sides which incline outwardly at a slope of 1 horizontal to 4 vertical.

$$Q_{orifice} = C_d \bullet A \bullet \sqrt{2gh}$$

Where:

$Q_{orifice}$ = flow through orifice, cfs (L/s)

C_d = orifice coefficient of discharge = 0.56 (based on lab tests)

A = orifice flow area, ft^2 (m^2) (calculated by orifice geometry)

h = design head, ft (m) (equal to the inlet pipe diameter)

g = acceleration due to gravity (32.2-ft/s^2 (9.81-m/s^2)

The minimum orifice crest length is 3-in (76-mm) and the minimum orifice height is 4-in (102-mm). If flow must be restricted beyond what can be provided by this size aperture, a Fluidic-Amp™ HydroBrake flow control will be used. The HydroBrake allows the minimum flow constriction to remain at 3-in (76-mm) or greater while further reducing flow due to its unique throttling action.

High Flow Control

The high flow control, or weir, is sized to pass the peak system capacity minus the peak orifice flow when the water surface elevation is at the top of the weir. This flow control is also a Cippoletti type weir.

The weir flow control is sized by solving for the crest length and head in the following equation:

$$Q_{weir} = C_d \bullet L \bullet (h)^{3/2}$$

Where:

Q_{weir} = flow through weir, cfs (L/s)

C_d = Cippoletti weir coefficient = 3.37 (based on lab testing)

h = available head, ft (m) (height of weir)

L = design weir crest length, ft (m)

Bypass Calculations

In most all cases, pollutant removal goals can be met without treating peak flow rates and it is most feasible to use a smaller Vortechs system configured with an external bypass. In such cases, a bypass design is recommended by Contech Engineered Solutions for each off-line system. To calculate the bypass capacity, first subtract the system's treatment capacity from the peak conveyance capacity of the collection system (minimum of 10-year recurrence interval). The result is the flow rate that must be bypassed to avoid surcharging the Vortechs system. Then use the following arrangement of the Francis formula to calculate the depth of flow over the bypass weir.

$$H = (Q_{bypass} / (C_d \bullet L))^{2/3}$$

Where:

H = depth of flow over bypass weir crest, ft (m)

Q_{bypass} = required bypass flow, cfs (L/s)

C_d = discharge coefficient = 3.3 for rectangular weir

L = length of bypass weir crest, ft

The bypass weir crest elevation is then calculated to be the elevation at the top of the Cippoletti weir minus the depth of flow.

Hydraulic Capacity

In the event that the peak design flow from the site is exceeded, it is important that the Vortechs system is not a constriction to runoff leaving the site. Therefore, each system is designed with enough hydraulic capacity to pass the 100-year flow rate. It is important to note that at operating rates above 100-gpm/ft^2 (68-Lps/m^2) of the swirl chamber area (peak treatment capacity), captured pollutants may be lost.

When the system is operating at peak hydraulic capacity, water will be flowing through the gap over the top of the flow control wall as well as the orifice and the weir.

Performance

Full Scale Laboratory Test Results

Laboratory testing was conducted on a full scale Vortechs model 2000. The 150-μm curve demonstrates the results of tests using particles that passed through a 60-mesh sieve and were retained on a 100-mesh sieve. The 50-μm curve is based on tests of particles passing through a 200-mesh sieve and retained on a 400-mesh sieve (38-μm). A gradation with an average particle size (d50) of 80-μm, containing particles ranging from 38–500-μm in diameter was used to represent typical stormwater solids. (Table 1)

Particle Size Distribution (μm)	Percentage of Sample Make-Up
<63	42%
63 - 75	4%
75 - 100	9%
100 - 150	7%
150 - 250	11%
>250	27%

Table 1: Particle gradation of typical urban runoff used for efficiency curve

As shown, the Vortechs system maintains positive total suspended solids (TSS), defined by the tested gradations, removal efficiencies over the full range of operating rates. This allows the system to effectively treat all runoff from large, infrequent design storms, as well as runoff from more frequent low-intensity storms.

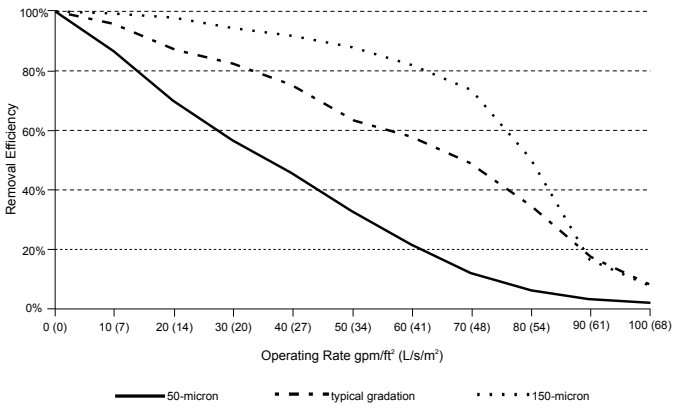


Figure 1: Vortechs model 2000 Removal Efficiencies

Typical Vortechs systems are designed to treat peak flows from 1.6-cfs (45-L/s) up to 30-cfs (850-L/s) online without the need for bypass. However, external bypasses can be configured to convey peak flows around the system if treatment capacity is exceeded. The system can also be configured to direct low flows from the last chamber of the system to polishing treatment when more stringent water quality standards are imposed. In all configurations, high removal efficiencies are achieved during the lower intensity storms, which constitute the majority of annual rainfall volume.

Full report available at www.conteches.com/vortechs.

Laboratory Testing

Full reports available at www.conteches.com/vortechs

Technical Bulletin 1: Removal Efficiencies for Selected Particle Gradations

Technical Bulletin 2: Particle Distribution of Sediments and the Effect on Heavy Metal Removal

Technical Bulletin 3: Sizing for Net Annual Sediment Removal

Technical Bulletin 3a: Determining Bypass Weir Elevation for Off-Line Systems

Technical Bulletin 4: Modeling Long Term Load Reduction: The Rational Rainfall Method

Technical Bulletin 5: Oil Removal Efficiency

Field Monitoring

Following are brief summaries of the field tests completed to date.

Full reports available at www.conteches.com/vortechs

DeLorme Mapping Company

Yarmouth, ME

Contech Engineered Solutions

Prior to this premier field test of the Vortechs system, Contech developed an extensive body of laboratory data to document total suspended solids (TSS) removal efficiency. Contech performed this field study in order to compare the performance predicted using laboratory data to the performance of a correctly sized system in the field.

The study site was the headquarters of DeLorme Mapping in Yarmouth, Maine. The building, driveway, parking lot and ancillary facilities were constructed in 1996. A Vortechs model 11000 was installed to treat runoff from the 300-space, 4-acre (1.62-ha) parking lot.

Testing Period	May 1999 to Dec 1999
# of Storms Sampled	20
Mean Influent Concentration	328-mg/L
Mean Effluent Concentration	60-mg/L
Removal Efficiency	82%

The main purpose of the DeLorme study was to verify that the sizing methodology developed from our full-scale laboratory testing was valid and an accurate means of predicting field performance. The results of the study confirmed our sizing methodology.

Village Marine Drainage

Lake George, NY

New York State Department of Environmental Conservation, Division of Water

The New York State DEC used funds obtained in a Section 319 grant to initiate a study of the effectiveness of the Vortechs system to remove sediment and other pollutants transported

by stormwater to Lake George, Lake George Village, New York. "Since the 1970s, when there was a rapid increase in the rate and concentration of development along the southwestern shores of Lake George, we have been concerned about the impact of stormwater discharges into the lake," said Tracy West, co-author of the study.

Testing Period	Feb 2000 to Dec 2000
# of Storms Sampled	13
Mean Influent Concentration	801-mg/L
Mean Effluent Concentration	105-mg/L
Removal Efficiency	88%

The study concluded that the Village and Town of Lake George should consider installing additional Vortechs systems in areas where sedimentation and erosion have been identified as non-point source pollution problems.

Harding Township Rest Area
Harding Township, NJ
RTP Environmental Associates

This third party evaluation was performed under a U.S. Environmental Protection Agency grant, administered by the New Jersey Department of Environmental Protection. A. Roger Greenway, principal of RTP Environmental Associates, Inc., conducted the study in conjunction with Thonet Associates, which assisted with data analysis and helped develop best management practices (BMP) recommendations.

The Vortechs model 4000 was sized to handle a 100-year storm from the 3 acre (1.21 ha) paved parking area at the Harding Rest Stop, located off the northbound lane of I-287 in Harding Township, New Jersey.

Testing Period	May 1999 to Nov 2000
# of Storms Sampled	5
Mean Influent Concentration (TSS)	493-mg/L
Mean Effluent Concentration (TSS)	35-mg/L
Removal Efficiency (TSS)	93%
Mean Influent Concentration (TPH)	16-mg/L
Mean Effluent Concentration (TPH)	5-mg/L
Removal Efficienty (TPH)	67%

The study concluded that truck rest stops and similar parking areas would benefit from installing stormwater treatment systems to mitigate the water quality impacts associated with stormwater runoff from these sites.

Timothy Edwards Middle School
South Windsor, CT
UCONN Department of Civil & Environmental Engineering

This study of the Vortechs system was published as a thesis by Susan Mary Board, as part of the requirements for a Master of Science degree from the University of Connecticut. Her objective was to determine how well the Vortechs system retained pollutants from parking lot runoff, including total suspended solids (TSS), nutrients, metals, and petroleum hydrocarbons.

A Vortechs model 5000 was installed in 1998 to treat runoff from the 82-space parking lot of Timothy Edwards Middle School. The entire watershed was approximately 2 acres (0.81 ha), and was 80% impervious.

Testing Period	Jul 2000 to Apr 2001
# of Storms Sampled	weekly composite samples taken
Mean Influent Concentration	324-mg/L
Mean Effluent Concentration	73-mg/L
Removal Efficiency	77%

Additionally, the Vortechs system was particularly effective in removing zinc (85%), lead (46%), copper (56%), phosphorus (67%) and nitrate (54%).

The study concluded that the Vortechs system significantly reduced effluent concentrations of many pollutants in stormwater runoff.

Maintenance

The Vortechs system should be inspected at regular intervals and maintained when necessary to ensure optimum performance. The rate at which the system collects pollutants will depend more heavily on site activities than the size of the unit, e.g., unstable soils or heavy winter sanding will cause the swirl chamber to fill more quickly but regular sweeping will slow accumulation.

Inspection

Inspection is the key to effective maintenance and is easily performed. Pollutant deposition and transport may vary from year to year and regular inspections will help ensure that the system is cleaned out at the appropriate time. Inspections should be performed twice per year (i.e. spring and fall) however more frequent inspections may be necessary in equipment washdown areas and in climates where winter sanding operations may lead to rapid accumulations. It is useful and often required as part of a permit to keep a record of each inspection. A simple inspection and maintenance log form for doing so is provided on the following page, and is also available on conteches.com.

The Vortechs system should be cleaned when inspection reveals that the sediment depth has accumulated to within 12 to 18 inches (300 to 450 mm) of the dry-weather water surface elevation. This determination can be made by taking two measurements with a stadia rod or similar measuring device; one measurement from the manhole opening to the top of the sediment pile and the other from the manhole opening to the water surface. Note: To avoid underestimating the volume of sediment in the chamber, the measuring device must be carefully lowered to the top of the sediment pile. Finer, silty particles at the top of the pile typically offer less resistance to the end of the rod than larger particles toward the bottom of the pile.

Cleaning

Cleaning of the Vortechs system should be done during dry weather conditions when no flow is entering the system. Clean-out of the Vortechs system with a vacuum truck is generally the most effective and convenient method of excavating pollutants from the system. If such a truck is not available, a "clamshell" grab may be used, but it is difficult to remove all accumulated pollutants using a "clamshell".

In installations where the risk of petroleum spills is small, liquid contaminants may not accumulate as quickly as sediment. However, an oil or gasoline spill should be cleaned out immediately. Motor oil and other hydrocarbons that accumulate on a more routine basis should be removed when an appreciable layer has been captured. To remove these pollutants, it may be preferable to use adsorbent pads to solidify the oil since these pads are usually much easier to remove from the unit individually and less expensive to dispose of than the oil/water emulsion that may be created by vacuuming the oily layer. Floating trash can be netted out if you wish to separate it from the other pollutants.

Cleaning of a Vortechs system is typically done by inserting a vacuum hose into the swirl chamber and evacuating this chamber of water and pollutants. As water is evacuated, the water level outside of the swirl chamber will drop to a level roughly equal to the crest of the lower aperture of the swirl chamber.

Floating pollutants will decant into the swirl chamber as the water level is drawn down. This allows most floating material to be withdrawn from the same access point above the swirl chamber. Floating material that does not decant into the swirl chamber during draw down should be skimmed from the baffle chamber. Sediment may accumulate outside the swirl chamber. If this is the case, it may be necessary to pump out other chambers. It is advisable to check for sediment accumulation in all chambers during inspection and maintenance.

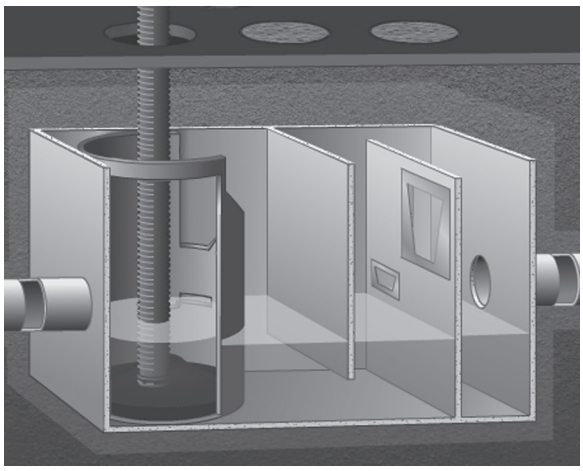
These maintenance recommendations apply to all Vortechs systems with the following exceptions:

1. It is strongly recommended that when cleaning systems larger than the Model 16000 the baffle chamber be drawn down to depth of three feet prior to beginning clean-out of the swirl chamber. Drawing down this chamber prior to the swirl chamber reduces adverse structural forces pushing upstream on the swirl chamber once that chamber is empty.
2. Entry into a Vortechs system is generally not required as cleaning can be done from the ground surface. However, if manned entry into a system is required the entire system should be evacuated of water prior to entry regardless of the system size.

Manhole covers should be securely seated following cleaning activities to prevent leakage of runoff into the system from above and also to ensure proper safety precautions. If anyone physically enters the unit, Confined Space Entry procedures need to be followed.

Disposal of all material removed from the Vortechs system should be done in accordance with local regulations. In many locations, disposal of evacuated sediments may be handled in the same manner as disposal of sediments removed from catch basins or deep sump manholes. Check your local regulations for specific requirements on disposal.

Contech has created a network of Certified Maintenance Providers (CCMP's) to provide maintenance on Vortechs systems. To find a CCMP in your area please visit www.conteches.com/maintenance.



Vortechs Inspection & Maintenance Log

Vortech Model: _____ **Location:** _____

Date	Water depth to sediment	Floatable layer thickness	Describe maintenance performed	Maintenance personnel	Comments

1. The water depth to sediment is determined by taking two measurements with a stadia rod: one measurement from the manhole opening to the top of the sediment pile and the other from the manhole opening to the water surface. If the difference between these measurements is less than eighteen inches the system should be cleaned out. Note: To avoid underestimating the volume of sediment in the chamber, the measuring device must be carefully lowered to the top of the sediment pile.
2. For optimum performance, the system should be cleaned out when the floating hydrocarbon layer accumulates to an appreciable thickness. In the event of an oil spill, the system should be cleaned immediately.

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vx_manual 04/17 PDF Revision

APPENDIX VI

Paging
No Errors
No Messages
MSRP ANNUAL REPORT - Highway Agency

Highway Agency MSRP Annual Report Summary

You have completed the Annual Report submittal process. You may print or save a copy of this submittal report for your records.

Service ID:	809810
Facility Name:	MONMOUTH CNTY
Reporting Period:	January 1, 2017 through December 31, 2017
NJPDES Permit #:	NJG0152234
Activity ID:	DST090001

Contacts

Name:	JOHN TOBIA
Title:	DIRECTOR PW & ENGINEERING
Contact Type:	Stormwater Coordinator
Organization Name:	MONMOUTH CNTY DEPT PW & ENGINEERING
Organization Type:	County
E-Mail:	JOHN.TOBIA@CO.MONMOUTH.NJ.US
Phone:	(732) 683-8758 (Work Phone Number) (732) 462-1863 (Fax Number)
Contact Address:	250 CENTER ST Freehold, New Jersey 07728

Uploaded Attachments

Attachment Name	Attachment Description	File Name
New Development Checklist		new_development_checklist_highway_agency - awarded in 2017.pdf
New Development Design Checkli		SR34 CR537 HA Post Construction Checklist - awarded in 2017.pdf
Found Illicit Connections		Found - Illicit Connections.pdf

Report Details - Part A

Highway Agency Information

Team member responsible for completing the report:	Jessica Kubida
Team member email address:	jessica.kubida@co.monmouth.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:	06/30/2014

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, 2017 and December 31, 2017 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.	Yes

Report Details - Part B

Local Public Education Program

1. Have you developed a Local Public Education Program?	Yes
2. Date the program was developed:	04/01/2005
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:	01/12/2006
3. Illicit Connection Control:	Yes
4. Date adopted:	01/12/2006

5. Refuse Container/Dumpster Control:	Yes
6. Date adopted:	10/28/2010
7. Status of these regulatory mechanisms:	
8. Method(s) of enforcement (e.g., agency personnel disciplinary actions, additional signs, etc.):	Disciplinary action for agency personnel; potential fines for the general public.
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, 2017 and December 31, 2017 that litter pick ups were performed:	208
3. Estimated amount of materials collected:	23.46
4. Units:	Tons

MS4 Outfall Pipe Mapping

1. Have you completed the MS4 outfall pipes mapping?	Yes
2. Date completed:	08/15/2008
3. Number of outfall pipes within the Highway Agency:	649
4. Number of outfall pipes mapped:	649

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:	0
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.	1

Street Sweeping Program

1. Were all required streets swept?	Yes
2. What was the total number of miles swept?	3056

Please list the total amount of materials collected for each month since January 1, 2017, and indicate the unit of measurement used to report these materials.

3. Units:	Tons
4. January:	38
5. February:	51.8
6. March:	76
7. April:	242
8. May:	341
9. June:	246.5
10. July:	283
11. August:	156.4
12. September:	218.1
13. October:	235.6
14. November:	246.3
15. December:	129
16. Total (*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.*):	2263.7
17. If reporting zero (0) for a month above, please explain:	

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?	149

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

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	Yes

order to function properly?	
3. Was the cleaning performed?	
4. Were repairs made?	Yes
5. Describe repair(s) or if repairs have not yet been made, provide a schedule for the repair(s):	If repairs were not immediately completed, it has been noted and placed on a prioritized list.

Catch Basins

1. Total number of catch basins that you operate:	6244
2. Total number of catch basins inspected:	6244
3. Total number of catch basins cleaned:	3217
4. Amount of materials removed from catch basins:	897.13
5. Units:	Cubic yards

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

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?	N/A - we do not lay mulch

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:	02/28/2009
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:	1/12/17, 1/16/17, 1/20/17, 2/2/17, 2/6/17, 2/7/17, 2/9/17, 2/14/17, 3/1/17

Report Details - Part E

Sharing of Responsibilities

Do you share services with another entity to satisfy a permit requirement?	No

For each of the following, indicate if you are relying on another entity to satisfy all or part of any permit requirements. Please provide additional information for any "Yes" answers in the provided Comments field.

1. Public notice:	
2. Comments:	
3. Comply with applicable design and performance standards for major development (post-construction):	
4. Comments:	
5. Long term operation and maintenance of BMPs (post-construction):	
6. Comments:	

7. Storm drain inlet design standard (post-construction):	
8. Comments:	
9. Local Public Education Program:	
10. Comments:	
11. Storm Drain Inlet Labeling Program:	
12. Comments:	
13. Pet waste regulatory mechanism:	
14. Comments:	
15. Litter regulatory mechanism:	
16. Comments:	
17. Improper disposal of waste regulatory mechanism:	
18. Comments:	
19. Wildlife feeding regulatory mechanism:	
20. Comments:	
21. Dumpster/refuse container regulatory mechanism:	
22. Comments:	
23. Outfall pipe mapping:	
24. Comments:	
25. Illicit connection elimination program:	
26. Comments:	
27. Street sweeping:	
28. Comments:	
29. Storm drain inlet retrofitting:	
30. Comments:	
31. Maintenance of stormwater facilities:	
32. Comments:	
33. Outfall pipe stream scouring:	
34. Comments:	
35. Roadside vegetation management:	
36. Comments:	
37. De-icing and sand storage:	
38. Comments:	
39. Fueling operations:	
40. Comments:	
41. Vehicle maintenance:	
42. Comments:	
43. Good Housekeeping:	
44. Comments:	

45. Vehicle and Equipment Washing:	
46. Comments:	
47. Employee Training:	
48. Comments:	

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:	Jessica Kubida
Certifier ID:	MCPWE
Challenge/Response Question:	What is your favorite pet?
Challenge/Response Answer:	******
Certification PIN:	******
Date/Time of Certification:	04/27/2018 14:28

"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. NJG0152234 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.

Jessica Kubida	04/27/2018
General	Date

Return

Exhibit 3 – NJDEP FY18 CEI

State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION
CENTRAL BUREAU OF WATER COMPLIANCE & ENFORCEMENT
Mail Code 44-03/P.O. BOX 420
401 EAST STATE STREET
Trenton, NJ 08625-0420
FAX: (609) 292-6450

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

CATHERINE R. McCABE
Commissioner

December 18, 2018

John Tobia, Director
Monmouth County Public Works and Engineering
250 Center Street
Freehold, NJ 07728

RE: Compliance Evaluation of Highway Agency Stomwater Permit
Monmouth County Public Works & Engineering
PROGRAM INTEREST ID # 222751, R-12
PROGRAM: Water Quality
Compliance Activity # SCI 180001
NJPDES NO. NJG0152234
Freehold Twp, Monmouth County

Dear Mr. Tobia:

Compliance Evaluation Inspections of the Monmouth County Highway Agency ("MCHA") system were conducted on June 12 and 15, 2018. Attached is the inspection report for your review.

The following deficiencies were noted during the inspections:

1. Housekeeping deficiencies at salt storage buildings. The Department applauds the efforts that MCHA undertook at the District 10 salt building to alleviate the discharge of brown leachate to the environment, observed by the Department during its previous inspection. MCHA's efforts included removing all the salt from the building, inspecting and sealing the floor, sealing the walls and joints, building a sump pit to collect any leachate flowing towards the door. Furthermore, MCHA now purchases a different type of salt, that does not have the "brown molasses" additive.

While improved since the previous inspection, the following housekeeping deficiencies continue to be noted at MCHA's salt buildings:

a. At the District 3 building, salt was noted along the outside wall facing the Parkway. Several small puddles of brown "molasses" liquid were also observed. A storm drain is located in the vicinity, and did not have any hay bale protection. See the attached photos. MCHA's buildings are designed in a way that salt piled too high inside can overtop the internal walls and fall outside.
b. At the District 10 building, salt residual continues to leach from the pavement and flow towards a grass area with a storm drain. However, this area is much improved since the last inspection. Evidence of leaks were noted in the roof, which might allow rainwater to contact the salt within and add to the volume of leachate created.
c. At District 8, sand was piled around the front door of the building to prevent salt leachate from running out. Some evidence of salt overtopping was noted outside the building along the wall. Wetness was noted inside the building, suggesting that the roof might also be leaking.
d. At District 1, some salt was noted leaching from the ground in front of the building door. Salt staining was observed trailing down to a nearby storm drain surrounded by hay bales.
e. At District 7, noticeable salt and molasses material was leaching from cracks in the pavement in many locations behind the salt building. Grass was killed in the area where this material flowed off site.

In response to the deficiencies noted at Districts 3, 10, 8, 1 and 7, MCHA must update its SPP Plan to include the following BMPs:

I. Street sweepers should regularly drive over pavement where bubbling molasses and salt residual are noted. Each of the yards has a sweeper and designated crew.
II. BMPs must be created to prevent the overtopping of salt within the buildings. The BMPs must also include measures for manually removing any salt that does overtop the inner walls and exit the building.
III. Hay bales should be maintained around storm drains that receive a salt runoff.
IV. The roofs of each salt building must be fixed so that no rainwater falls upon the piles of salt within. Leaking roofs might be the main reason salt leachate is flowing out of buildings.
V. The floors and walls of the salt buildings should be inspected and upgraded to prevent any material from flowing out, as was done in District 10.

2. **An exposed pile of salt was noted at District 6, surrounded on three sides with bin block. This salt is reportedly used for brine production. MCHA is hereby REQUIRED to immediately remove all salt from direct exposure to the elements, as REQUIRED by your Permit.**

3. MCHA does not have facilities to prevent vactor truck wastewater (from catch basin cleaning) from flowing to the surface waters of the state. At Districts 7 and 8, vactor trucks release their tanks (filled with solids and liquid) into areas ringed with sand. Both areas are in the immediate vicinity of wetlands. During the inspections, the District 7 dump area was partially filled with water, and a channel could be seen where the water directly flows out of this area to the environment. See the attached photos. While the sand may act to remove some solids, this is not an effective control of pollutants. MC is hereby REQUIRED to create vactor dump areas where pollutants are contained. MC is reminded that its Permit only allows for the discharge of clean rainwater to the surface and groundwaters of the State. **This deficiency was noted in the previous inspection report and has not been addressed by MCHA.**

4. The following industrial source materials were noted outdoors without proper containment, in violation of your Permit and/or SPP Plan. In each instance, rainwater contacting these materials could wash pollutants to the surface and ground waters of the State:

District 9

a. A large pile of waste asphalt was noted without containment. An asphalt crusher is operated in this location to create material for pothole repair. In response to this deficiency in the Department's previous inspection report, a containment area was constructed. However, the amount of material far exceeded that capacity. See the attached photo.
b. Large piles of road millings, waste concrete, stone and soil were noted on the grounds without containment. See the attached photos.
c. An uncovered roll-off labeled "steel only" contained crushed drums and pails of asphalt sealer and other products. These drums and pails contained the residue of pollutants that must not be exposed to rainwater. See the attached photo.

District 5

a. Several 55-gallon drums marked "non-hazardous waste" were stored outdoors on a pallet without cover or containment. See the attached photo.
b. The small cold patch stockpile was uncovered.

District 3

a. An uncovered roll-off with several 55-gallon drums of hydraulic oil, and pails of asphalt sealant was observed. The water within this roll-off was covered with a layer of red, weathered oil. See the attached photos.

District 10

a. Though aggregates stored in this yard had 3-sided walls, some were not high enough to contain the piles of material within (especially sand). See the attached photo.

District 8

a. Aggregates were not stored within 3-sided containment.

5. The Department reviewed your SPP Plan and noted omissions. With your response to this inspection report, MC is hereby REQUIRED to add BMPs for the following activities;

   a. Asphalt crushing at District 9, including the storage of material that is crushed and awaiting to be crushed. See deficiency 4 above.
   b. Dumping of vactor truck waste from catch basin cleaning. See deficiency 3 above.
   c. Dumping of waste from street sweeper operations.
   d. Housekeeping in salt storage areas (see deficiency 1 above).
   e. Operation and maintenance of oil/water separators that treat water entering the floor drains of several buildings in District 9.
   f. Covering roll-off containers that contain pollutants (such as petroleum drums and pails) that could be contacted by rain and washed out of the container.

   Deficiencies a. and b. above were noted in the previous inspection report issued by this writer.

In 2014 MCHA conducted Stream Scouring inspections of all 649 of its stormwater MS4 outfalls. Of those outfalls, 88 were determined to have varying structural deficiencies. With your response to this report, please update the Department on the status of these 88 outfalls, and a schedule by which remaining repairs/upgrades will be completed.

The deficiencies noted herein have, or may place MCHA in violation of its NJPDES Permit and the New Jersey Water Pollution Control Regulations (N.J.A.C. 7:14A.1 et. seq.). You are therefore REQUIRED to institute corrective measures. A written report, concerning specific details of remedial measures to be instituted, as well as an implementation timetable, must be submitted to the Department within thirty (30) calendar days of receipt of this correspondence.

If you have any questions concerning the attached report, please contact this writer at 609-439-6422, send a letter to the address above, or an email to andrew.coleman@dep.nj.gov.

Sincerely,

Andrew Coleman
Environmental Specialist III

C: Jessica Kubida, Environmental Specialist, Monmouth County Engineering, 1 East Main St, Freehold, NJ 07728

enclosure

Compliance Evaluation Summary and Checklist with Included flag sorted by PI

Date Printed: 12/18/2018

Activity:	SCI 180001 *Standard Compliance Inspection (222751)
Title Description:	Monmouth R12 CEI FY18
Start Date/Time:	06/12/2018 **End Date/Time:**
Program Interest:	MONMOUTH CNTY 222751 (NJPDES) 250 CENTER ST , FREEHOLD TWP, MONMOUTH COUNTY
Mailing Address:	250 CENTER ST Freehold NJ 07728
Responsibility Entity(s)	**Program Interests included in Inspection:**
Monmouth Cnty	222751 (Njpdes)
Block(s) and Lot(s):	Block 43 Lot 16.01, Block 43 Lot 18.A, Block 43 Lot 18.01, Block 43 Lot 16, Block 43 Lot 16.1

Lead Investigator	Other Investigators	Persons Interviewed	Witnesses
Coleman, Andrew		Gary Fread, Superintendent of Highway Operations, phone #732-431-6550 Alex Whiteside, General Supervisor Jessica Kubida, Env. Specialist, phone #732-431-7760 Dan Frizell, Assistant Foreman	

General Comments

1. A new truck repair facility will soon be built on the property of District 9 (Freehold).
2. A new salt storage building was constructed in District 9 (Freehold).

Inspection Attribute(s):	Quantity(s)
Number of Attributes: 0	

222751 R12 0 - Highway Agency Stormwater General Permit

Requirement	Status RTC	Results or Comments	Reqt Source Ref # Reqt. Type
SHARING OF RESPONSIBILITIES.	S		DST 090001 99 T

IC - In Compliance	ND - Compliance Not Determined	N - No	NA - Not Applicable	PV - Potential Violation	H - Heading	NI - Not Inspected
NC - No Obvious Concern	ON - Out of Compliance, Non-referred	Y - Yes	OC - Out of Compliance	DC - Data Collection	S - Sub-Heading	RTC - Return to Compliance

222751 R12 0 - Highway Agency Stormwater General Permit

Requirement	Status RTC	Results or Comments	Reqt Source Ref # Reqt. Type
Does the Highway Agency have written agreements with all entities implementing control measures on behalf of the Municipality? List any other entitly(ies) implementing any control measure(s) on behalf of the Municipality. [N.J.A.C. 7:14A- 6.2(a)1]	IC	Municipalities utilize fuel, car/ truck wash and salt from county.	DST 090001 103 T
STORMWATER POLLUTION PREVENTION PLAN (SPPP).	S		DST 090001 108 T
Did the Highway Agency prepare an SPPP, which contains all the requirements listed in Attachment A?. [N.J.A.C. 7:14A-25.6]	IC	SPP Plan last updated in June 2014.	DST 090001 109 T
Did the Highway Agency revise their SPPP on or before June 1, 2009 to incorporate additional Statewide Basic Requirements, best management practices and other changes required by the renewal permit?. [N.J.A.C. 7:14A-25.6]	IC		DST 090001 110 T
Was the SPPP signed, dated and retained by the duly authorized representative of the Highway Agency?. [N.J.A.C. 7:14A-25.6]	IC	On site.	DST 090001 111 T
POST CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT.	S		DST 090001 121 T
Is the Highway Agency complying with the applicable design and performance standards established under N.J.A.C 7:8 for major developments at the Highway Agency 12 months from EDPA?. [N.J.A.C. 7:14A-25.6]	IC	Standards in place.	DST 090001 123 T
Has the Highway Agency implemented a mechanism to ensure adequate long-term operation and maintenance of BMPs on property (ies) owned and/or operated by the Highway Agency upon EDPA?. [N.J.A.C. 7:14A-25.6]	IC		DST 090001 124 T
Is the Highway Agency complying with the standards set forth in Attachment C of the permit to control the passage of solid and floatable materials through storm drain inlets? . [N.J.A.C. 7:14A-25.6]	IC		DST 090001 125 T
Improper Disposal of Waste	S		DST 090001 141 T

IC - In Compliance	ND - Compliance Not Determined	N - No	NA - Not Applicable	PV - Potential Violation	H - Heading	NI - Not Inspected
NC - No Obvious Concern	ON - Out of Compliance, Non-referred	Y - Yes	OC - Out of Compliance	DC - Data Collection	S - Sub-Heading	RTC - Return to Compliance

222751 R12 0 - Highway Agency Stormwater General Permit

Requirement	Status RTC	Results or Comments	Reqt Source Ref # Reqt. Type
Did the Highway Agency fully implement the Litter Control minimum standard? . [N.J.A.C. 7:14A-25.6]	IC	23.5 tons of litter collected over 208 days in 2017.	DST 090001 149 T
Did the Highway Agency fully implement the Improper Waste Disposal Control minimum standard? . [N.J.A.C. 7:14A-25.6]	IC		DST 090001 153 T
Did the Highway Agency develop and begin implementing the refuse containers and dumpsters minimum standard by September 1, 2010?. [N.J.A.C. 7:14A-25.6]	ON	55-gallon drums of hydraulic fluid and pails of asphalt sealer disposed in open roll-off containers. See cover letter.	DST 090001 161 T
Illicit Connection Elimination and MS4 Outfall Pipe Mapping	S		DST 090001 162 T
Does the Highway Agency have and maintain a complete outfall pipe map showing the location of the end of all MS4 outfall pipes that discharge to a surface water body 60 months from the original EDPA?. [N.J.A.C. 7:14A-25.6]	IC	GIS system in place. All outfalls numbered. Map is still being fine tuned.	DST 090001 164 T
Is the Highway Agency enforcing a regulatory mechanism prohibiting Illicit Connections to the Highway Agency's MS4's? . [N.J.A.C. 7:14A-25.6]	IC	Illicit connection inspections of all 649 outfalls conducted between July and December 2014.	DST 090001 165 T
Did the Highway Agency fully implement a street sweeping program that meets the minimum standard?. [N.J.A.C. 7:14A-25.6]	IC	3056 miles swept in 2017. Each district has at least one sweeper. Priority roads swept weekly. Secondary roads swept monthly.	DST 090001 179 T
Did the Highway Agency retrofit all required storm drain inlets in accordance with the Storm Drain Inlet minimum standard?. [N.J.A.C. 7:14A-25.6]	IC	Newly paved roads inspected on Leonardsville and Wayside Roads. All drains upgraded.	DST 090001 183 T
Is the Highway Agency inspecting and cleaning all catch basins they own or operate in accordance with the Catch Basin Inspecting and Cleaning minimum standard?. [N.J.A.C. 7:14A-25.6]	IC	6,244 basins inspected, 3,217 cleaned in 2017.	DST 090001 189 T
Did the Highway Agency implement an outfall pipe stream scouring detection, remediation and maintenance program in accordance with the minimum standard?. [N.J.A.C. 7:14A- 6.2(a)1]	IC	Stream scouring inspections conducted between July and Dec 2014. 88 outfalls identified with varying issues. See cover letter.	DST 090001 195 T

IC - In Compliance	ND - Compliance Not Determined	N - No	NA - Not Applicable	PV - Potential Violation	H - Heading	NI - Not Inspected
NC - No Obvious Concern	ON - Out of Compliance, Non-referred	Y - Yes	OC - Out of Compliance	DC - Data Collection	S - Sub-Heading	RTC - Return to Compliance

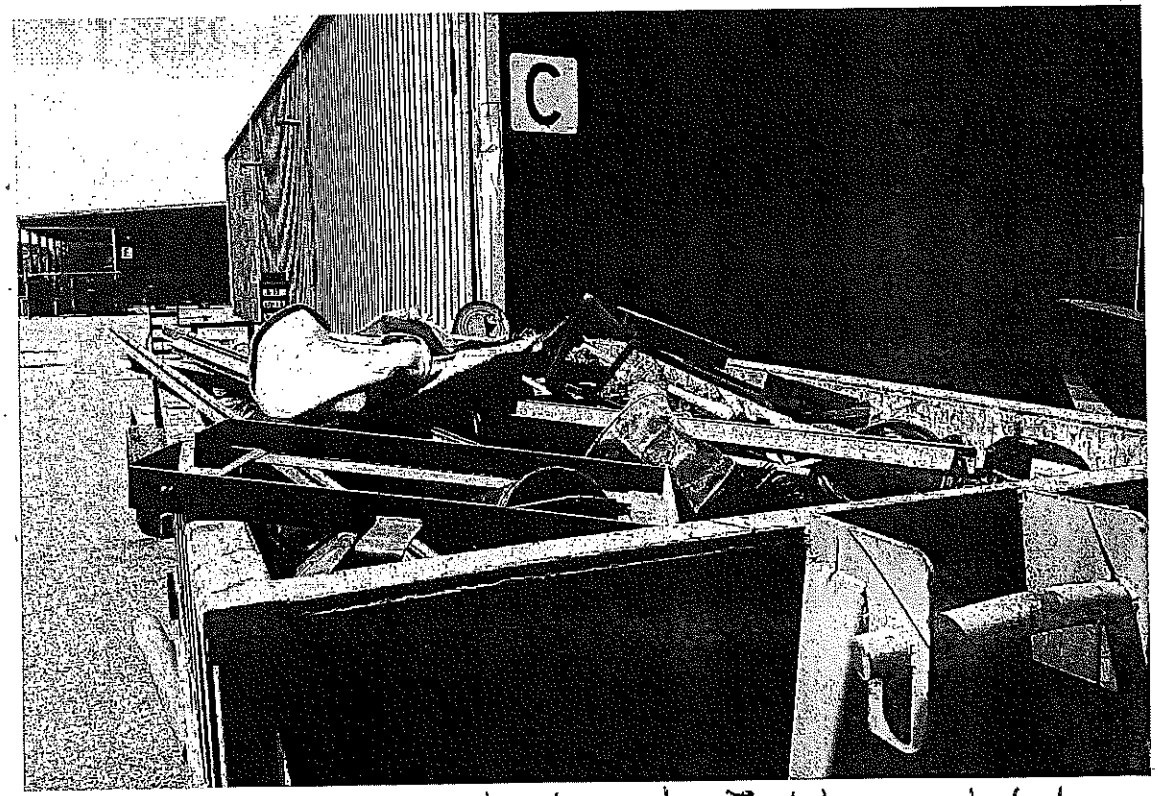
222751 R12 0 - Highway Agency Stormwater General Permit

Requirement	Status RTC	Results or Comments	Reqt Source Ref # Reqt. Type
Did the Highway Agency implement the Roadside Vegetation Management minimum standard?. [N.J.A.C. 7:14A- 6.2(a)1]	IC	Very little spraying by Road Dept. Shade Tree Dept. will spray for the Road Dept if needed.	DST 090001 199 T
If sand is being stored outside and uncovered, is it set back 50 ft from storm sewer inlets, ditches, or other stormwater conveyance channels and surface water bodies?. [N.J.A.C. 7:14A-25.6]	ON	Aggregates at some yards not stored within 3 sided containment. See cover letter.	DST 090001 202 T
Does the Highway Agency store all salt and deicing materials in a permanent structure?. [N.J.A.C. 7:14A-25.6]	ON	Salt stored outdoors at District 6. Housekeeping at other salt buildings needs to be improved. See cover letter.	DST 090001 204 T
Did the Highway Agency eliminate the unpermitted discharge of equipment and vehicle wash wastewater to the waters of the State from maintenance yard operations?. [N.J.A.C. 7:14A-25.6]	IC		DST 090001 208 T
Did the Highway Agency implement standard operating procedures, which include the required practices listed in Attachment D, for vehicle fueling and receiving of bulk fuel deliveries, vehicle maintenance and repair activities,and good housekeeping practices? . [N.J.A.C. 7:14A-25.6]	IC	Good housekeeping in fueling areas.	DST 090001 212 T
Is the Highway Agency conducting annual employee training in accordance with.the minimum standard? . [N.J.A.C. 7:14A-25.6]	IC	Training performed by supervisors of each District. Records maintained.	DST 090001 226 T
ANNUAL REPORT AND CERTIFICATION.	S		DST 090001 242 T
Did the Highway Agency prepare and submit a completed Annual Report and Certification in accordance with the permit by May 2nd annually? . [N.J.A.C. 7:14A-25.6]	IC	2016 and 2017 reports submitted timely.	DST 090001 243 T

IC - In Compliance	ND - Compliance Not Determined	N - No	NA - Not Applicable	PV - Potential Violation	H - Heading	NI - Not Inspected
NC - No Obvious Concern	ON - Out of Compliance, Non-referred	Y - Yes	OC - Out of Compliance	DC - Data Collection	S - Sub-Heading	RTC - Return to Compliance

June 12, 2018 - District 9

Piles of aggregate materials without containment ↑



Roll-off container open to elements. Includes crushed drum and pails of asphalt sealer.

June 12, 2018 District 9

Uncontained pile of waste asphalt ↑

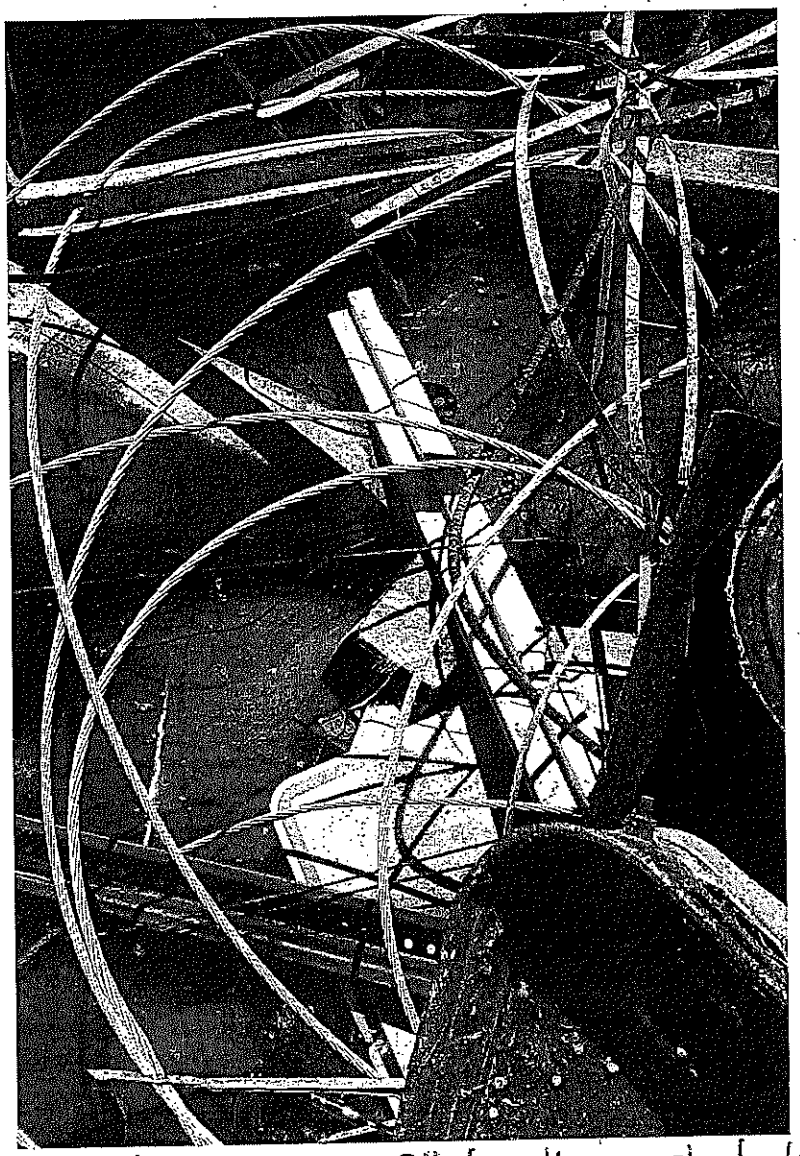
Uncontained pile of waste concrete. ↑

June 12, 2018

District 5

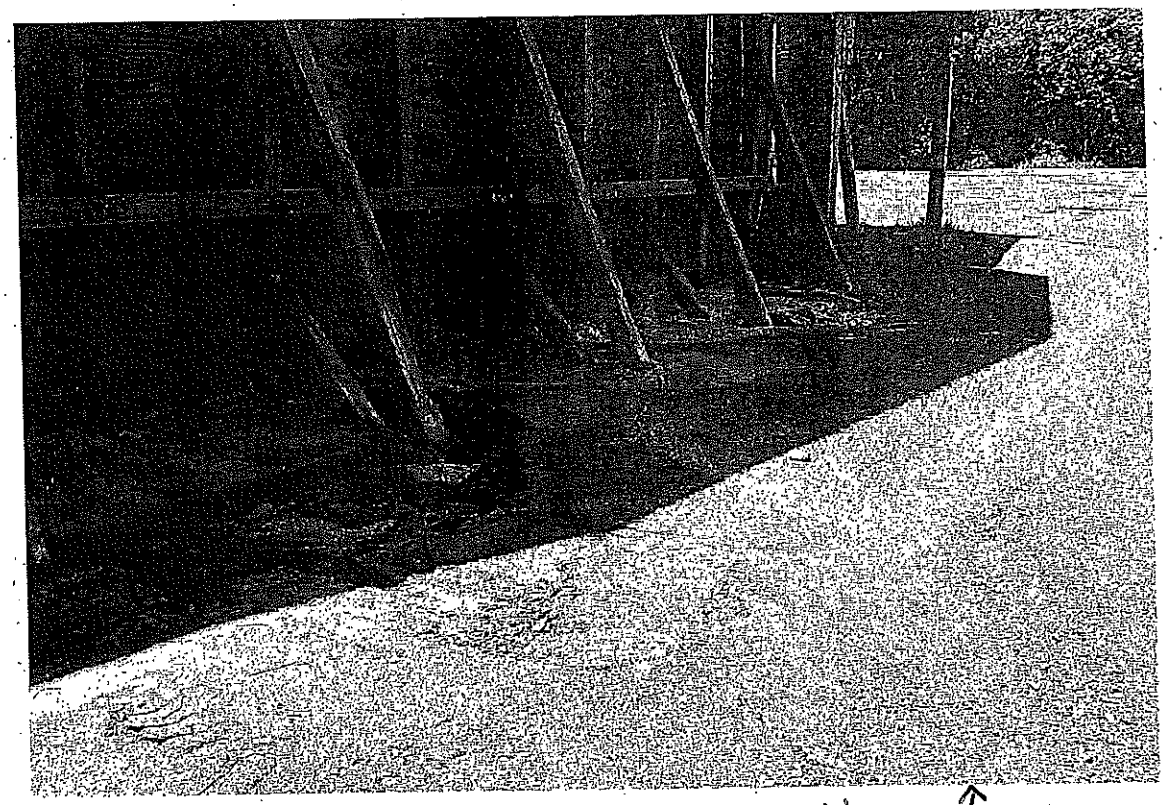
Drums exposed to elements without containment. ↑

District 3

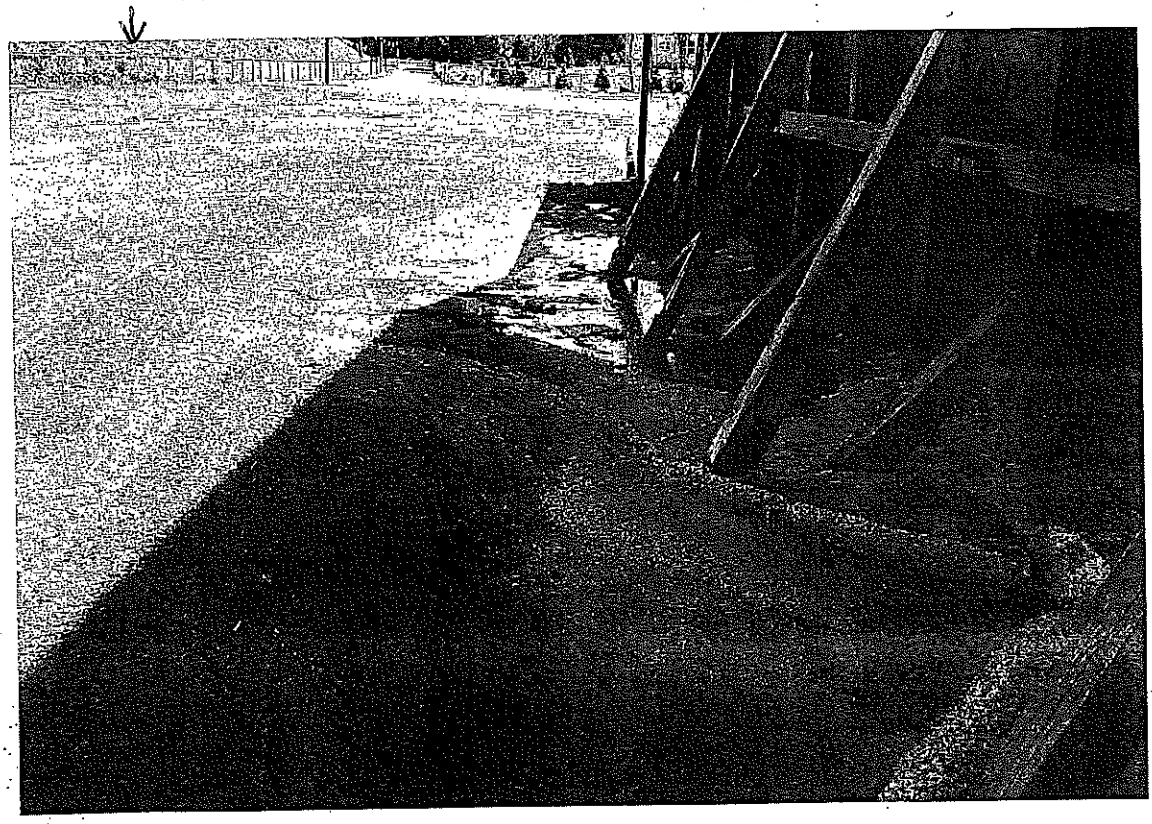


Roll off container filled with crushed drums and aspalt pails. Red layer of oil on top of water contained within.

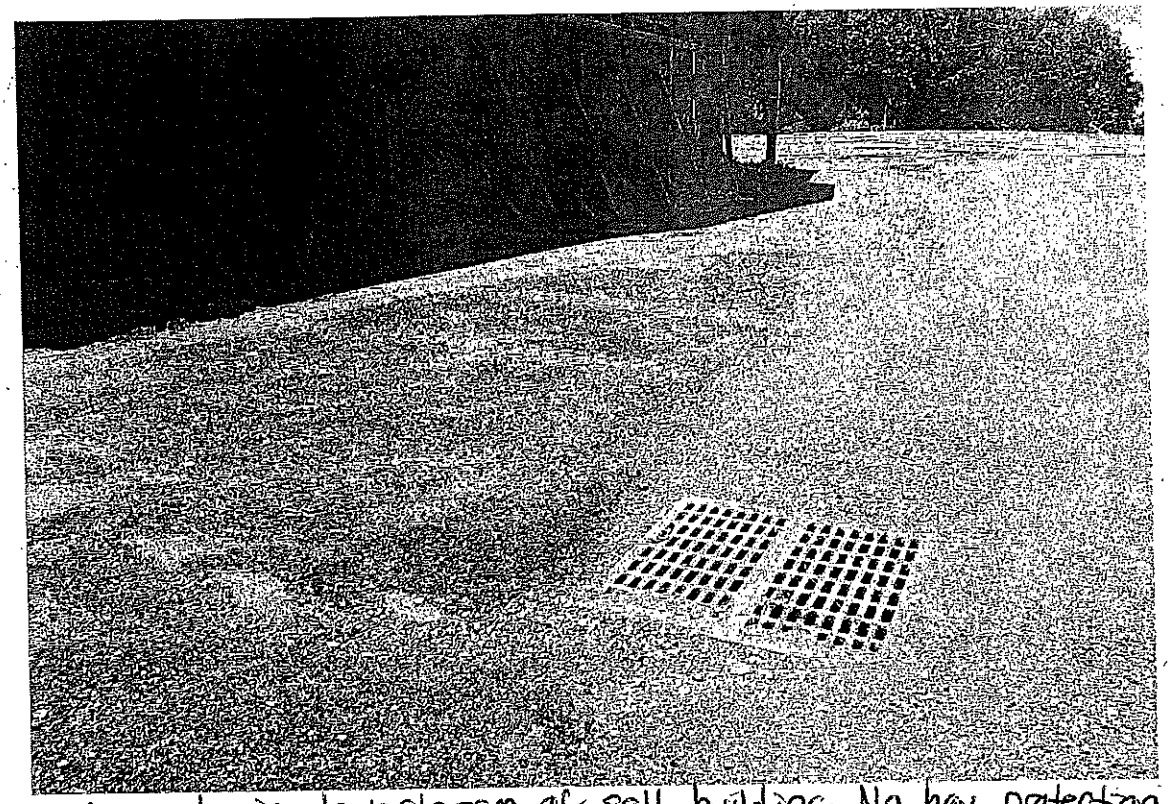
June 12, 2018 District 3



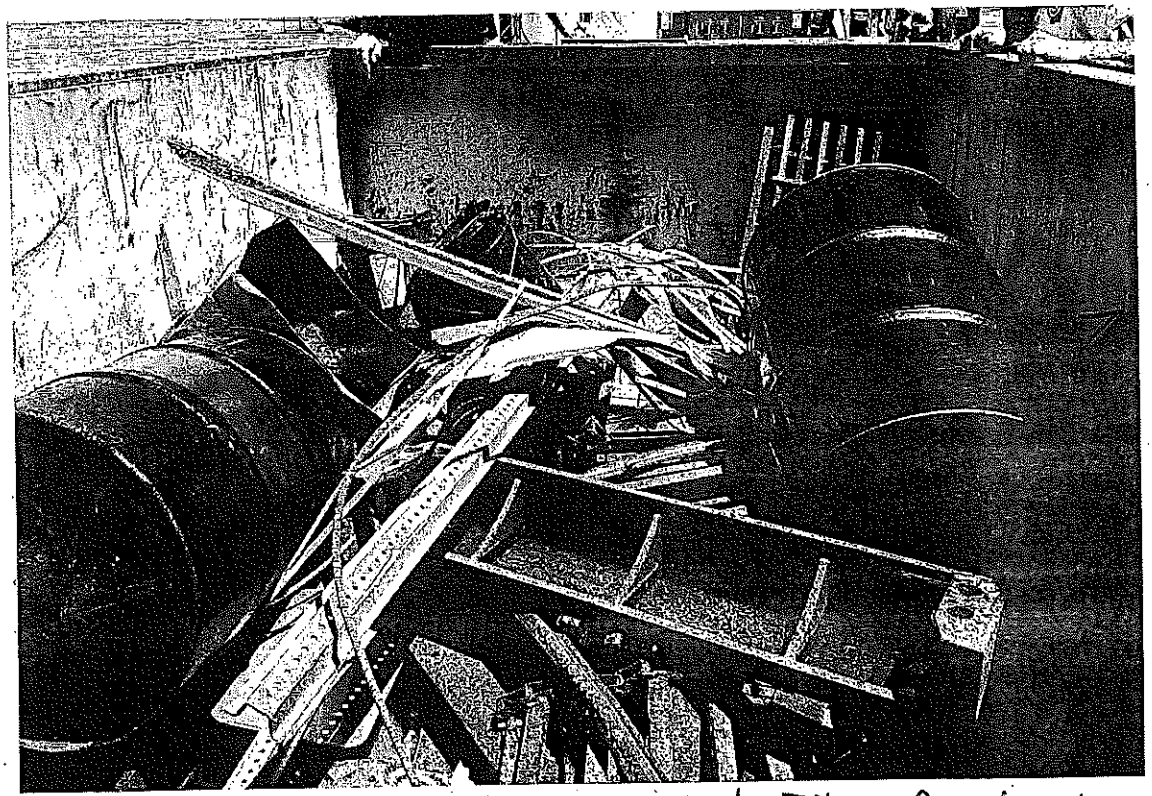
Accumulated salt outside the buildings. ↑



June 12, 2018 District 3



Storm drain downstream of salt building. No hay protection.



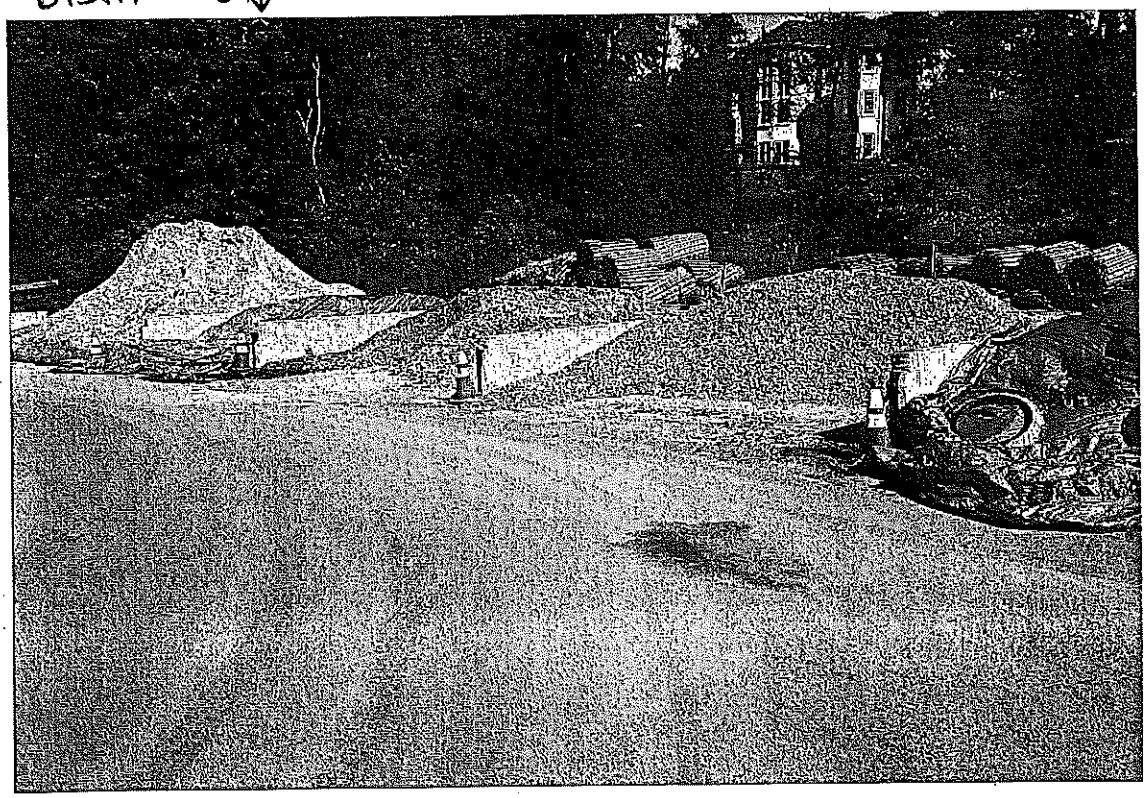
Roll-off with drums and sealant bucket. Film of red oil on water contained within.

June 15, 2018

District 8

Salt leaching from cracks in pavement around building ↑

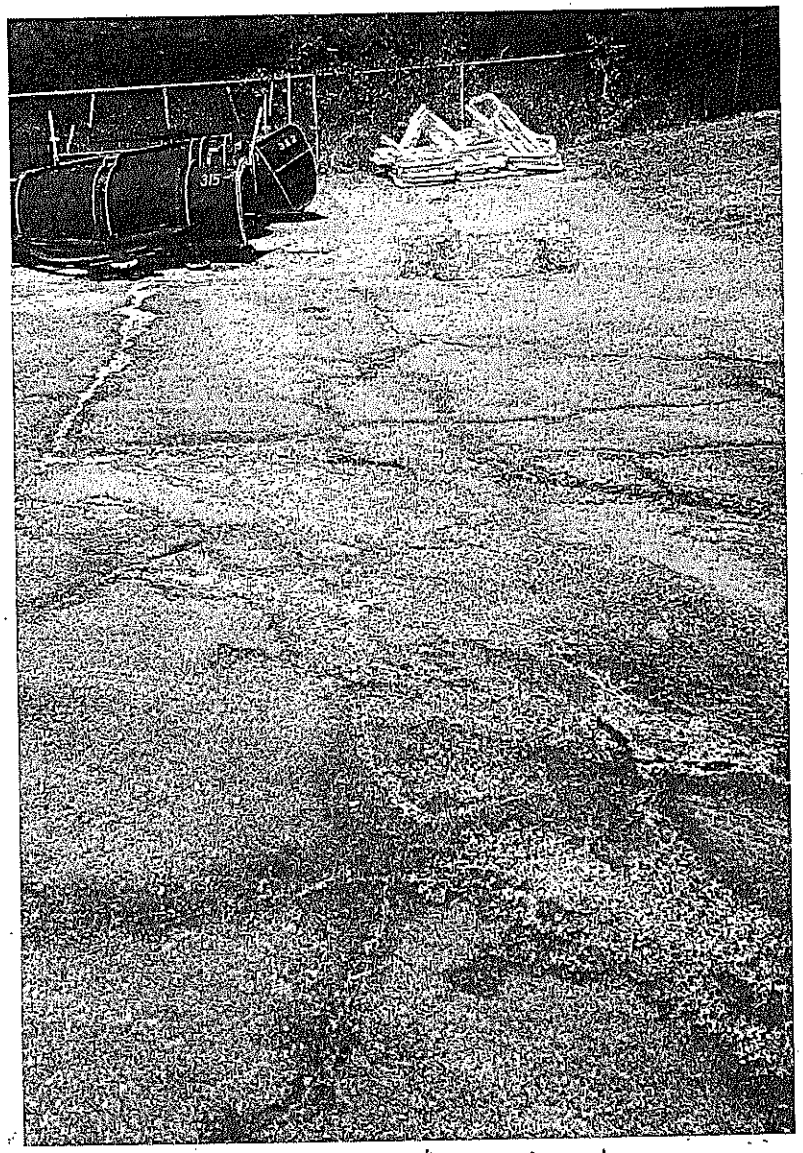
District 10 ↓



Aggregates stored within containment with walls not high enough.

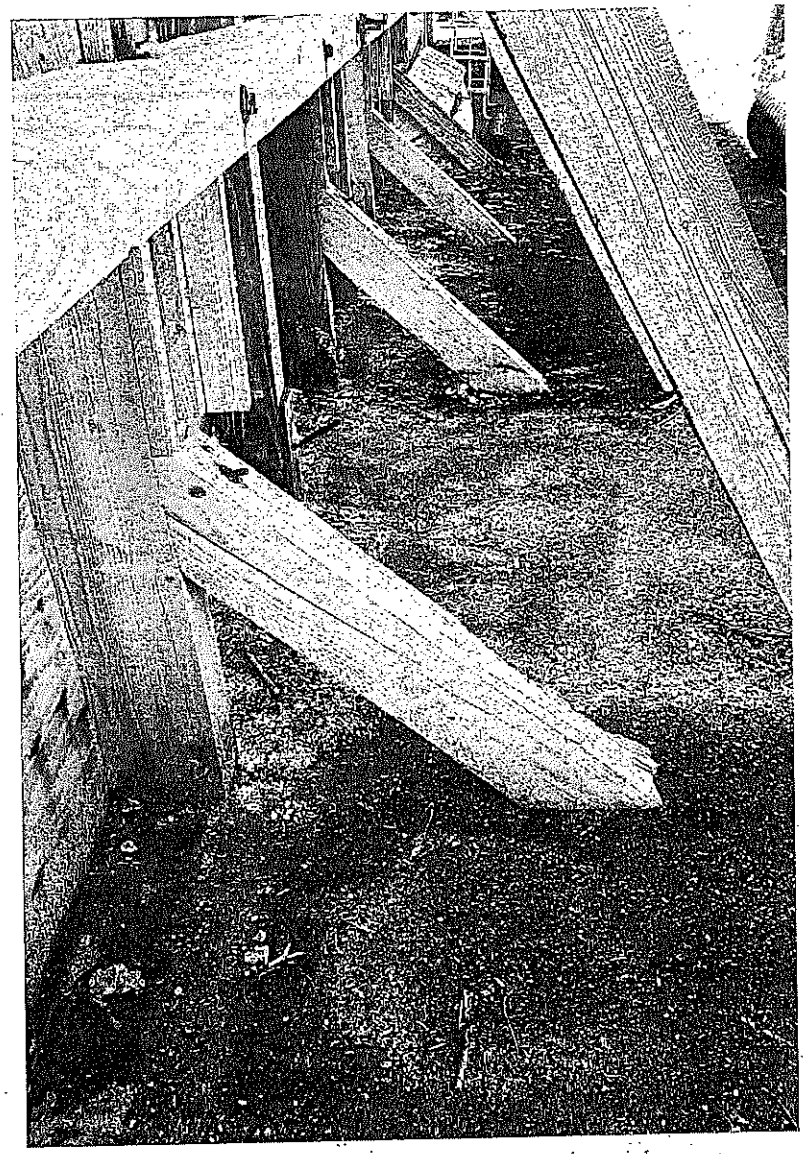
June 15, 2018

District 1



Salt residue running down to drain from storage building. ↑

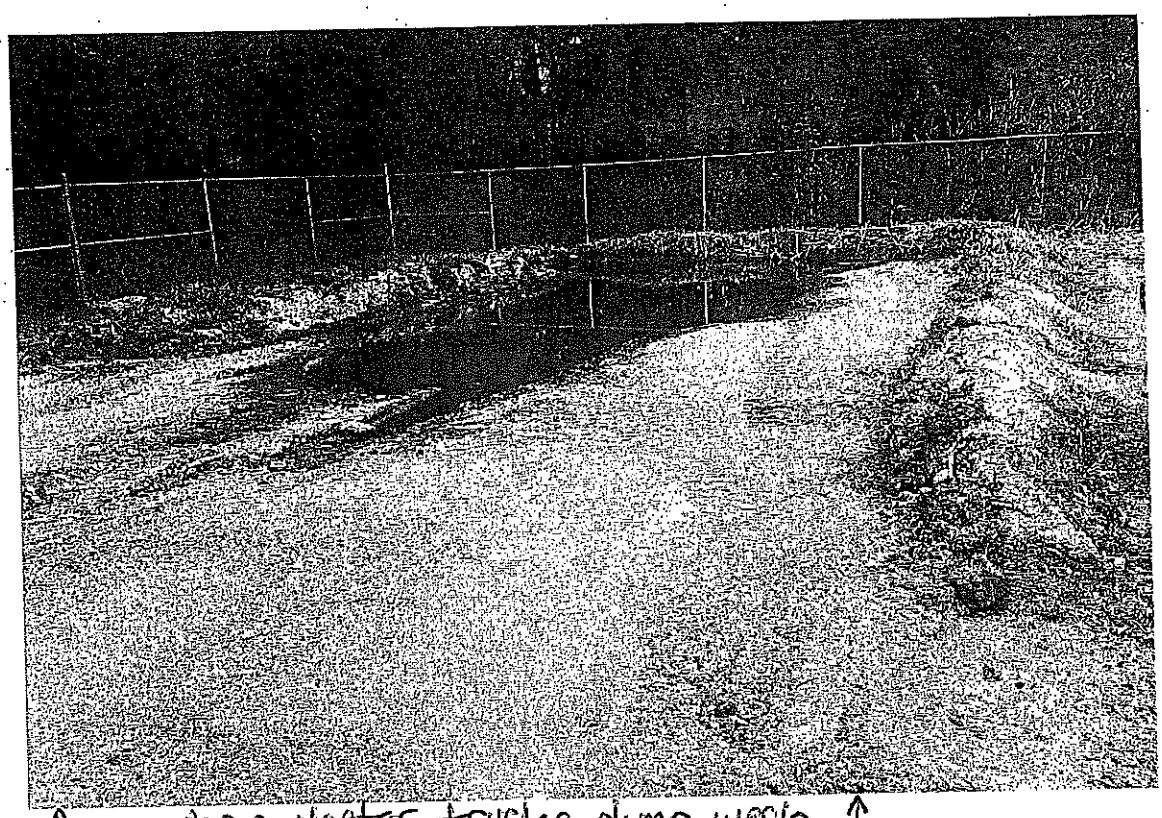
District 8



Salt on ground along side of building.

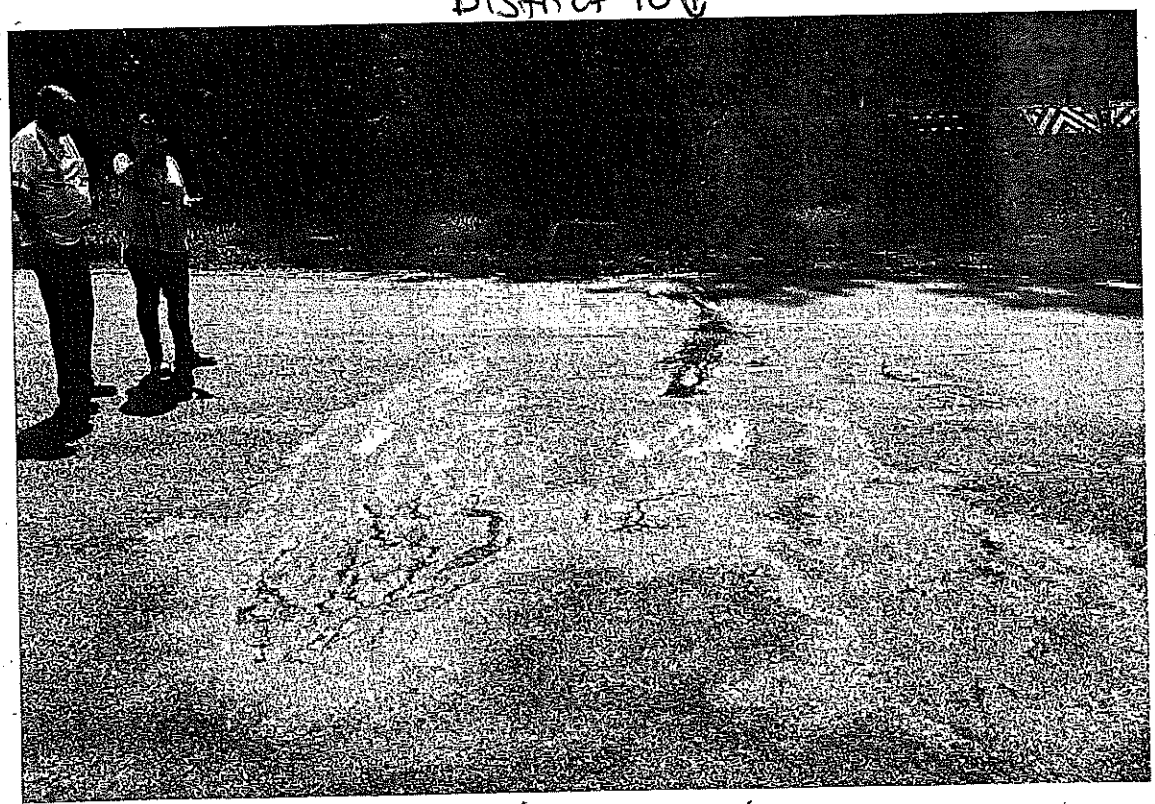
June 15, 2018

District 7



Area where vactor trucks dump waste. ↑

District 10 ↓

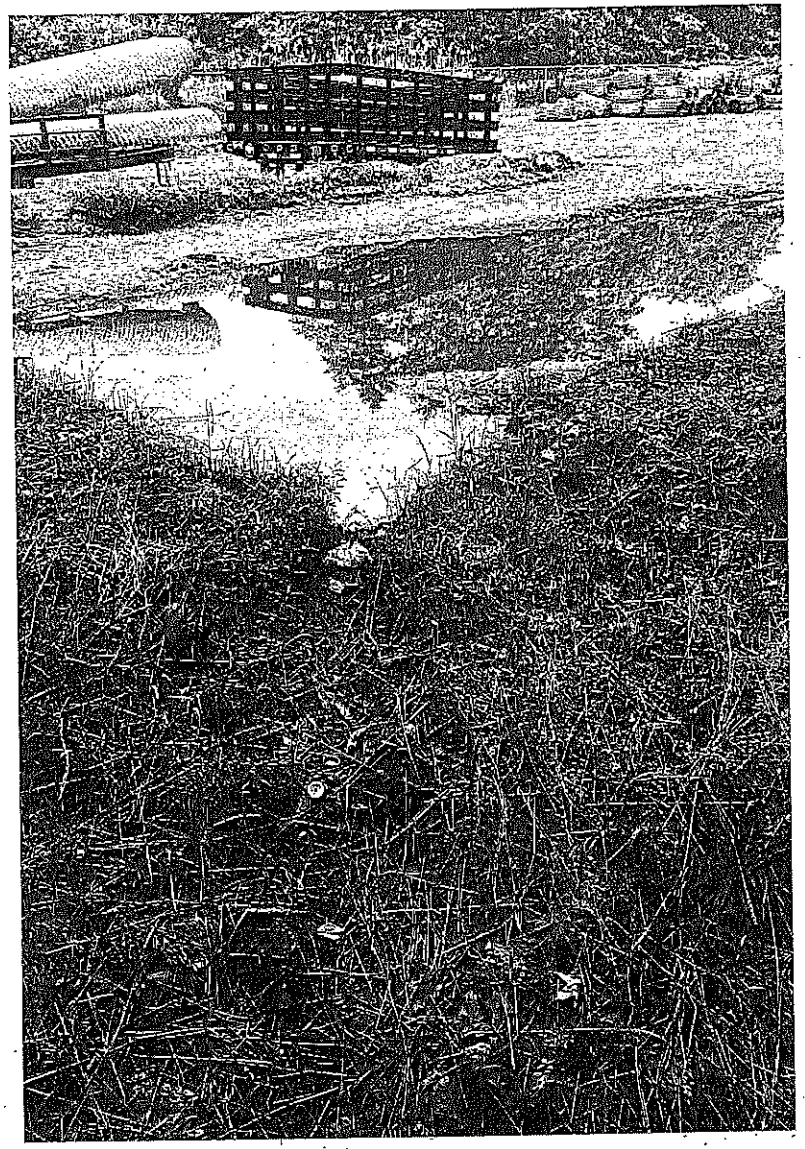


Salt leaching from cracks in concrete.

and brown material ↑

June 15, 2018

District 7



Small channel where vactor wastewater overflows the containment area made of sand.

Salt leaching from cracks in pavement along building.

Exhibit 4 – Monmouth County 2023 Annual Report

MSRP ANNUAL REPORT - Highway Agency

You have completed the Annual Report submittal process. You may print or save a copy of this submittal report for your records.

Service ID:	1712279
Facility Name:	MONMOUTH CNTY
Reporting Period:	January 1, 2023 through December 31, 2023
NJPDES Permit #:	NJG0152234
Activity ID:	DST190001

Contacts

Name:	JOHN TOBIA
Title:	DIRECTOR PW & ENGINEERING
Contact Type:	Stormwater Coordinator
Organization Name:	MONMOUTH CNTY DEPT OF BUILDINGS & GROUNDS
Organization Type:	County
E-Mail:	JOHN.TOBIA@CO.MONMOUTH.NJ.US
Phone:	(732) 683-8758 (Work Phone Number) (732) 462-1863 (Fax Number)
Contact Address:	250 CENTER ST Freehold, New Jersey 07728

Uploaded Attachments

Attachment Name	Attachment Description	File Name
Major Development Project List	Standard NJDEP form	2023 - Major Development Project List.pdf
Individual Asset Inventory	Cover Sheet - Used by Monmouth County	Asset Management Cover Sheets.pdf

Report Details - Part A

Highway Agency Information

Team member responsible for completing the report:	Jessica Kubida
Team member email address:	jessica.kubida@co.monmouth.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:	07/01/2019

Public Notice

1. Are you complying with applicable State and local public notice requirements when providing for public participation in the	Yes

development and implementation of your stormwater program?	

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, 2023 and December 31, 2023 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.**	Yes

Report Details - Part B

Local Public Education Program

1. Have you developed a Local Public Education Program?	Yes
2. Date the program was developed:	04/01/2005
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:	01/12/2006
3. Illicit Connection Control:	Yes
4. Date adopted:	01/12/2006
5. Refuse Container/Dumpster Control:	Yes
6. Date adopted:	10/28/2010
7. Status of these regulatory mechanisms:	
8. Method(s) of enforcement (e.g., agency personnel disciplinary actions, additional signs, etc.):	Disciplinary action for agency personnel; potential fines for the general public
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, 2023 and December 31, 2023 that litter pick ups were performed:	221
3. Estimated amount of materials collected:	26.5
4. Units:	Tons

MS4 Outfall Pipe Mapping

1. Have you completed the MS4 outfall pipes mapping?	Yes
2. Date completed:	01/01/2019
3. Number of outfall pipes within the Highway Agency:	649
4. Number of outfall pipes mapped:	649

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:	151
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?	2977

Please list the total amount of materials collected for each month since January 1, 2023, and indicate the unit of measurement used to report these materials.

3. Units:	Tons
4. January:	21.6
5. February:	7.2
6. March:	69.8
7. April:	191.5
8. May:	233.5
9. June:	175.1
10. July:	161.3
11. August:	122.2
12. September:	127.8
13. October:	101.1
14. November:	106.5
15. December:	39.8
16. Total (*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.*):	1357.4
17. If reporting zero (0) for a month above, please explain:	

Storm Drain Inlet Retrofitting

1. Were all storm drain inlets in direct contact with repaving, repairing, reconstruction or alterations retrofitted or replaced to	Yes

meet the standard?	
2. How many storm drain inlets were retrofitted?	61

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

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?	No
3. Was the cleaning performed?	
4. Were repairs made?	
5. Describe repair(s) or if repairs have not yet been made, provide a schedule for the repair(s):	

Catch Basins

1. Total number of catch basins that you operate:	6244
2. Total number of catch basins inspected:	6244
3. Total number of catch basins cleaned:	2686
4. Amount of materials removed from catch basins:	867.25
5. Units:	Cubic yards

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

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?	N/A - we do not lay mulch

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:	02/28/2009
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:	1/15/23, 1/20/23, 1/28/23, 2/2/23, 2/5/23, 2/12/23, 2/19/23, 2/20/23

Report Details - Part E

Sharing of Responsibilities

Do you share services with another entity to satisfy a permit requirement?	No

Incidents of Non-compliance

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: Jessica Kubida
Certifier ID: MCPWE
Challenge/Response Question: What is your favorite game?
Challenge/Response Answer: ******
Certification PIN: ******
Date/Time of Certification: 05/01/2024 15:11

"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. NJG0152234 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.

Jessica Kubida	05/01/2024
General	**Date**

Exhibit 5 – 2023 Street Sweepings

Actual Stop Date	District or Unit	Asset	Lane Miles	Tonnage Collected	Street	Activity	Task ID	REQUIRED Division	Entered By
1/6/2023 0:00	10	Pavement 520-10-B		0.25	MAIN ST	Street Sweeping	318624	HIGHWAY	williamsj
1/6/2023 0:00	10	Pavement 520-10-C		0.25	NEWMAN SPRINGS RD	Street Sweeping	318625	HIGHWAY	williamsj
1/6/2023 0:00	10	Pavement 520-10-D		0.5	NEWMAN SPRINGS RD	Street Sweeping	318626	HIGHWAY	williamsj
1/6/2023 0:00	10	Pavement 520-10-E			MAIN ST	Street Sweeping	318627	HIGHWAY	williamsj
1/10/2023 0:00	8	Pavement 516-8-G		1	BROAD ST	Street Sweeping	318700	HIGHWAY	RuscettM
1/10/2023 0:00	8	Pavement 516-8-F		1	MAIN ST	Street Sweeping	318701	HIGHWAY	RuscettM
1/10/2023 0:00	8	Pavement 516-8-A		1	LOWER MAIN ST	Street Sweeping	318702	HIGHWAY	RuscettM
1/10/2023 0:00	8	Pavement 6-8-A		1	AMBOY RD	Street Sweeping	318703	HIGHWAY	RuscettM
1/10/2023 0:00	8	Pavement 45-8		1	CHURCH ST	Street Sweeping	318704	HIGHWAY	RuscettM
1/10/2023 0:00	8	Pavement 516-8-H		1	NEW BRUNSWICK AVE	Street Sweeping	318705	HIGHWAY	RuscettM
1/10/2023 0:00	8	Pavement 6A-8-A		1	RAVINE DR	Street Sweeping	318706	HIGHWAY	RuscettM
1/10/2023 0:00	8	Pavement 36-8		1	OCEAN AVE	Street Sweeping	318865	HIGHWAY	RuscettM
1/10/2023 0:00	8	Pavement 7-8-A		1	PALMER AVE	Street Sweeping	318866	HIGHWAY	RuscettM
1/10/2023 0:00	8	Pavement 7-8-G		1	PALMER AVE	Street Sweeping	318867	HIGHWAY	RuscettM
1/10/2023 0:00	8	Pavement 7-8-B		1	PALMER AVE	Street Sweeping	318868	HIGHWAY	RuscettM
1/10/2023 0:00	8	Pavement 7-8-F		1	MUNROE AVE	Street Sweeping	318869	HIGHWAY	RuscettM
1/10/2023 0:00	8	Pavement 516-8-B		1	MIDDLE RD	Street Sweeping	318870	HIGHWAY	RuscettM
1/10/2023 0:00	8	Pavement 7-8-D		1	MAIN ST	Street Sweeping	318871	HIGHWAY	RuscettM
1/10/2023 0:00	8	Pavement 7-8-E		1	CHURCH ST	Street Sweeping	318872	HIGHWAY	RuscettM
1/10/2023 0:00	8	Pavement 56-8		1	CARR AVE	Street Sweeping	318873	HIGHWAY	RuscettM
1/10/2023 0:00	10	Pavement 520-10-K			NEWMAN SPRINGS RD	Street Sweeping	318919	HIGHWAY	williamsj

1/11/2023 0:00	10	Pavement 520-10-L		NEWMAN SPRINGS RD	Street Sweeping	318920	HIGHWAY	williamsj
1/11/2023 0:00	10	Pavement 520-10-J		NEWMAN SPRINGS RD	Street Sweeping	318921	HIGHWAY	williamsj
1/12/2023 0:00	1	Pavement 516-1-B	4	LEONARDVILLE RD	Street Sweeping	320423	HIGHWAY	BurkhR
1/12/2023 0:00	1	Pavement 516-1-A	2	CHERRY TREE FARM RD	Street Sweeping	320424	HIGHWAY	BurkhR
1/17/2023 0:00	10	Pavement 50-10-A	0.25	SWIMMING RIVER RD	Street Sweeping	319393	HIGHWAY	williamsj
1/17/2023 0:00	10	Pavement 50-10-B	0.25	SWIMMING RIVER RD	Street Sweeping	319394	HIGHWAY	williamsj
1/17/2023 0:00	10	Pavement 50-10-C	0.5	SWIMMING RIVER RD	Street Sweeping	319395	HIGHWAY	williamsj
1/19/2023 0:00	10	Pavement 4-10-A	0.5	SOUTH ST	Street Sweeping	319657	HIGHWAY	williamsj
1/19/2023 0:00	10	Pavement 4-10-F	0.5	SOUTH ST	Street Sweeping	319658	HIGHWAY	williamsj
1/19/2023 0:00	10	Pavement 4-10-E	0.5	HOLMDEL RD	Street Sweeping	319659	HIGHWAY	williamsj
1/19/2023 0:00	10	Pavement 4-10-D	0.5	HOLMDEL RD	Street Sweeping	319660	HIGHWAY	williamsj
1/19/2023 0:00	10	Pavement 4-10-D	0.25	HOLMDEL RD	Street Sweeping	319670	HIGHWAY	williamsj
1/19/2023 0:00	10	Pavement 4-10-A	0.1	SOUTH ST	Street Sweeping	319671	HIGHWAY	williamsj
1/19/2023 0:00	10	Pavement 4-10-E	0.1	HOLMDEL RD	Street Sweeping	319672	HIGHWAY	williamsj
1/19/2023 0:00	10	Pavement 4-10-F	0.1	SOUTH ST	Street Sweeping	319673	HIGHWAY	williamsj
1/20/2023 0:00	1	Pavement 50-1-C		MIDDLETOWN LINCROFT RD	Street Sweeping	321622	HIGHWAY	BurkhR
1/20/2023 0:00	1	Pavement 516-1-A		CHERRY TREE FARM RD	Street Sweeping	321623	HIGHWAY	BurkhR
1/20/2023 0:00	1	Building BFT-PL		HARBOR WAY	Street Sweeping	321624	HIGHWAY	BurkhR
1/25/2023 0:00	10	Pavement 4-10-F	0.25	SOUTH ST	Street Sweeping	320317	HIGHWAY	williamsj
1/25/2023 0:00	10	Pavement 4-10-E	0.25	HOLMDEL RD	Street Sweeping	320318	HIGHWAY	williamsj
1/25/2023 0:00	10	Pavement 4-10-C	0.25	CRINE RD	Street Sweeping	320404	HIGHWAY	williamsj
1/25/2023 0:00	10	Pavement 46-10-A	0.25	DUTCH LANE RD	Street Sweeping	320405	HIGHWAY	williamsj

1/25/2023 0:00	10	Pavement 46-10-B	0.5	DUTCH LANE RD	Street Sweeping	320406	HIGHWAY	williamsj
1/25/2023 0:00	10	Pavement 46-10-C	0.5	DUTCH LANE RD	Street Sweeping	320407	HIGHWAY	williamsj
1/25/2023 0:00	10	Pavement 520-10-F	0.25	NEWMAN SPRINGS RD	Street Sweeping	320409	HIGHWAY	williamsj
1/25/2023 0:00	10	Pavement 520-10-G	0.25	NEWMAN SPRINGS RD	Street Sweeping	320410	HIGHWAY	williamsj
1/25/2023 0:00	10	Pavement 3-10-D	0.25	TENNENT RD	Street Sweeping	320411	HIGHWAY	williamsj
1/25/2023 0:00	10	Pavement 3-10-C	0.25	TENNENT RD	Street Sweeping	320412	HIGHWAY	williamsj
1/26/2023 0:00	10	Pavement 3-10-D	0.25	TENNENT RD	Street Sweeping	321563	HIGHWAY	williamsj
1/26/2023 0:00	10	Pavement 3-10-C	0.25	TENNENT RD	Street Sweeping	321564	HIGHWAY	williamsj
1/26/2023 0:00	10	Pavement 520-10-H	0.25	NEWMAN SPRINGS RD	Street Sweeping	321565	HIGHWAY	williamsj
1/26/2023 0:00	10	Pavement 520-10-G	0.25	NEWMAN SPRINGS RD	Street Sweeping	321566	HIGHWAY	williamsj
1/27/2023 0:00	9	Pavement 55-9-A		KOZLOSKI RD	Street Sweeping	321773	HIGHWAY	Killmern
1/27/2023 0:00	9	Pavement 55A-9		HALLS MILL RD	Street Sweeping	321774	HIGHWAY	Killmern
1/31/2023 0:00	1	Pavement 10-1-D	0.4	W RIVER RD	Street Sweeping	317114	HIGHWAY	koehlerm
1/31/2023 0:00	1	Pavement 8B-1		NAVESINK AVE	Street Sweeping	317115	HIGHWAY	koehlerm
1/31/2023 0:00	1	Pavement 8A-1-A		LOCUST AVE	Street Sweeping	317116	HIGHWAY	koehlerm
1/31/2023 0:00	1	Pavement 50-1-C	2.3	MIDDLETOWN LINCROFT RD	Street Sweeping	317117	HIGHWAY	koehlerm
1/31/2023 0:00	1	Pavement 12-1-B		NUTSWAMP RD	Street Sweeping	317118	HIGHWAY	koehlerm
1/31/2023 0:00	1	Pavement 8-1-E		WATERWITCH AVE	Street Sweeping	317119	HIGHWAY	koehlerm
1/31/2023 0:00	1	Pavement 8-1-D		LINDEN AVE	Street Sweeping	317120	HIGHWAY	koehlerm
1/31/2023 0:00	1	Pavement 50-1-B		KINGS HWY	Street Sweeping	317121	HIGHWAY	koehlerm
1/31/2023 0:00	1	Pavement 10-1-B		W FRONT ST	Street Sweeping	317122	HIGHWAY	koehlerm
1/31/2023 0:00	1	Pavement 12A-1		NAVESINK RIVER RD	Street Sweeping	317123	HIGHWAY	koehlerm

1/31/2023 0:00	1	Pavement 8-1-A		FIRST AVE	Street Sweeping	317124	HIGHWAY	koehlerm
1/31/2023 0:00	1	Pavement 8-1-C		BAY AVE	Street Sweeping	317125	HIGHWAY	koehlerm
1/31/2023 0:00	1	Pavement 8-1-G		VALLEY DR	Street Sweeping	317126	HIGHWAY	koehlerm
1/31/2023 0:00	1	Pavement 8A-1-B		LOCUST POINT RD	Street Sweeping	317127	HIGHWAY	koehlerm
1/31/2023 0:00	1	Pavement 8-1-B	0.25	OCEAN BLVD	Street Sweeping	317128	HIGHWAY	koehlerm
1/31/2023 0:00	1	Pavement 12-1-A		HUBBARD AVE	Street Sweeping	317129	HIGHWAY	koehlerm
1/31/2023 0:00	1	Pavement 10-1-C		RIVER RD	Street Sweeping	317130	HIGHWAY	koehlerm
1/31/2023 0:00	1	Pavement 516-1-B	0.35	LEONARDVILLE RD	Street Sweeping	317131	HIGHWAY	koehlerm
1/31/2023 0:00	1	Pavement 10-1-A		RIVER RD	Street Sweeping	317132	HIGHWAY	koehlerm
1/31/2023 0:00	1	Pavement 10-1-E		EAST RIVER RD	Street Sweeping	317133	HIGHWAY	koehlerm
1/31/2023 0:00	1	Pavement 516-1-A		CHERRY TREE FARM RD	Street Sweeping	317134	HIGHWAY	koehlerm
1/31/2023 0:00	1	Pavement 50-1-D	0.5	NEW MONMOUTH RD	Street Sweeping	317135	HIGHWAY	koehlerm
1/31/2023 0:00	1	Pavement 50-1-A		CHURCH ST	Street Sweeping	317136	HIGHWAY	koehlerm
2/1/2023 0:00	3	Pavement 547-3-C		SHAFTO RD	Street Sweeping	317718	HIGHWAY	Kaciczk
2/1/2023 0:00	3	Pavement 547-3-D		WYCKOFF RD	Street Sweeping	317719	HIGHWAY	Kaciczk
2/1/2023 0:00	3	Pavement 547-3-E		WYCKOFF RD	Street Sweeping	317720	HIGHWAY	Kaciczk
2/1/2023 0:00	3	Pavement 547-3-B		SHAFTO RD	Street Sweeping	317721	HIGHWAY	Kaciczk
2/2/2023 0:00	1	Building HW1-MB	0.1	EAST RD	Street Sweeping	322612	HIGHWAY	koehlerm
2/2/2023 0:00	6	Pavement County Route 537 Extension	3		Street Sweeping	324837	HIGHWAY	Cocuzzac
2/2/2023 0:00	9	Pavement 55-9-A		KOZLOSKI RD	Street Sweeping	317291	HIGHWAY	Killmern
2/2/2023 0:00	9	Pavement 537E-9-A		E MAIN ST	Street Sweeping	318428	HIGHWAY	Killmern
2/2/2023 0:00	9	Pavement 537E-9-B		CR 537	Street Sweeping	318429	HIGHWAY	Killmern

2/2/2023 0:00	9	Pavement 524-9		ELTON ADELPHIA RD	Street Sweeping	318983	HIGHWAY	Killmern
2/2/2023 0:00	9	Pavement 23-9		JACKSON MILLS RD	Street Sweeping	319065	HIGHWAY	Killmern
2/2/2023 0:00	9	Pavement 55-9-A		KOZLOSKI RD	Street Sweeping	319264	HIGHWAY	Killmern
2/2/2023 0:00	9	Pavement 527-9-H		MILLHURST RD	Street Sweeping	319362	HIGHWAY	Killmern
2/2/2023 0:00	9	Pavement 527-9-J		SWEETMANS LN	Street Sweeping	319509	HIGHWAY	Killmern
2/2/2023 0:00	9	Pavement 1-9-B		SWEETMANS LN	Street Sweeping	319511	HIGHWAY	Killmern
2/2/2023 0:00	9	Pavement 522-9-G		FREEHOLD ENGLISHTOWN RD	Street Sweeping	319512	HIGHWAY	Killmern
2/2/2023 0:00	9	Pavement 537E-9-A		E MAIN ST	Street Sweeping	319763	HIGHWAY	Killmern
2/2/2023 0:00	9	Pavement 527-9-C		MAIN ST	Street Sweeping	321502	HIGHWAY	Killmern
2/2/2023 0:00	9	Pavement 527-9-G		WILSON AVE	Street Sweeping	321503	HIGHWAY	Killmern
2/2/2023 0:00	9	Pavement 22-9		GORDONS CORNER RD	Street Sweeping	321505	HIGHWAY	Killmern
2/2/2023 0:00	9	Pavement 522-9-G		FREEHOLD ENGLISHTOWN RD	Street Sweeping	321885	HIGHWAY	Killmern
2/2/2023 0:00	9	Pavement 522-9-D		FREEHOLD ENGLISHTOWN RD	Street Sweeping	321886	HIGHWAY	Killmern
2/2/2023 0:00	9	Pavement 537W-9-C		MONMOUTH RD	Street Sweeping	322200	HIGHWAY	Killmern
2/7/2023 0:00	10	Pavement 520-10-I		NEWMAN SPRINGS RD	Street Sweeping	323303	HIGHWAY	williamsj
2/8/2023 0:00	6	Pavement 520-6-B		RUMSON RD	Street Sweeping	324912	HIGHWAY	Cocuzzac
2/8/2023 0:00	6	Pavement 520-6-D	6	RUMSON RD	Street Sweeping	324913	HIGHWAY	Cocuzzac
2/8/2023 0:00	6	Pavement 34-6-B		RIDGE RD	Street Sweeping	324914	HIGHWAY	Cocuzzac
2/8/2023 0:00	6	Pavement 34-6-F		RIDGE RD	Street Sweeping	324915	HIGHWAY	Cocuzzac
2/8/2023 0:00	10	Pavement 520-10-H		NEWMAN SPRINGS RD	Street Sweeping	323304	HIGHWAY	williamsj
2/8/2023 0:00	10	Pavement 520-10-J		NEWMAN SPRINGS RD	Street Sweeping	323305	HIGHWAY	williamsj
2/8/2023 0:00	10	Pavement 520-10-K		NEWMAN SPRINGS RD	Street Sweeping	323306	HIGHWAY	williamsj

2/8/2023 0:00	10	Pavement 520-10-L		NEWMAN SPRINGS RD	Street Sweeping	323307	HIGHWAY	williamsj
2/8/2023 0:00	10	Pavement 50-10-C		SWIMMING RIVER RD	Street Sweeping	323382	HIGHWAY	williamsj
2/8/2023 0:00	10	Pavement 50-10-B		SWIMMING RIVER RD	Street Sweeping	323383	HIGHWAY	williamsj
2/8/2023 0:00	10	Pavement 50-10-A		SWIMMING RIVER RD	Street Sweeping	323384	HIGHWAY	williamsj
2/8/2023 0:00	10	Pavement 54-10		PHALANX RD	Street Sweeping	323385	HIGHWAY	williamsj
2/8/2023 0:00	10	Pavement 520-10-I		NEWMAN SPRINGS RD	Street Sweeping	323386	HIGHWAY	williamsj
2/8/2023 0:00	10	Pavement 520-10-H		NEWMAN SPRINGS RD	Street Sweeping	323387	HIGHWAY	williamsj
2/9/2023 0:00	10	Pavement 52-10-C	0.75	EVERETT RD	Street Sweeping	323534	HIGHWAY	williamsj
2/9/2023 0:00	10	Pavement 52-10-A	1	EVERETT RD	Street Sweeping	323535	HIGHWAY	williamsj
2/9/2023 0:00	10	Pavement 520-10-E	1	MAIN ST	Street Sweeping	323536	HIGHWAY	williamsj
2/9/2023 0:00	10	Pavement 520-10-D	1	NEWMAN SPRINGS RD	Street Sweeping	323537	HIGHWAY	williamsj
2/13/2023 0:00	10	Pavement 520-10-F	1	NEWMAN SPRINGS RD	Street Sweeping	324203	HIGHWAY	williamsj
2/14/2023 0:00	10	Pavement 3-10-D	1.5	TENNENT RD	Street Sweeping	324281	HIGHWAY	williamsj
2/14/2023 0:00	10	Pavement 3-10-C	1.5	TENNENT RD	Street Sweeping	324282	HIGHWAY	williamsj
2/23/2023 0:00	6	Pavement 29-6-A	8	ATLANTIC AVE	Street Sweeping	325655	HIGHWAY	Cocuzzac
2/23/2023 0:00	6	Pavement 13B-6-C		WILLOW DR	Street Sweeping	325656	HIGHWAY	Cocuzzac
2/23/2023 0:00	6	Pavement 13B-6-A		CHURCH ST	Street Sweeping	325657	HIGHWAY	Cocuzzac
2/23/2023 0:00	6	Pavement 13B-6-B		PROSPECT AVE	Street Sweeping	325658	HIGHWAY	Cocuzzac
2/24/2023 0:00	8	Pavement 12A-8	0.5	DWIGHT RD	Street Sweeping	326079	HIGHWAY	DaltiJ
2/24/2023 0:00	8	Pavement 52-8-A		LAUREL AVE	Street Sweeping	326080	HIGHWAY	DaltiJ
2/24/2023 0:00	8	Pavement 52-8-C	0.5	LAUREL AVE	Street Sweeping	326081	HIGHWAY	DaltiJ
2/24/2023 0:00	8	Pavement 7-8-A		PALMER AVE	Street Sweeping	326082	HIGHWAY	DaltiJ

2/24/2023 0:00	8	Pavement 7-8-B	0.5	PALMER AVE	Street Sweeping	326083	HIGHWAY	DaltiJ
2/24/2023 0:00	8	Pavement 7-8-G		PALMER AVE	Street Sweeping	326084	HIGHWAY	DaltiJ
2/24/2023 0:00	8	Pavement 52-8-E		RED HILL RD	Street Sweeping	326085	HIGHWAY	DaltiJ
2/24/2023 0:00	8	Pavement 52-8-F		RED HILL RD	Street Sweeping	326086	HIGHWAY	DaltiJ
2/24/2023 0:00	8	Pavement 516-8-C		S LAUREL AVE	Street Sweeping	326087	HIGHWAY	DaltiJ
2/24/2023 0:00	8	Pavement 52-8-B		VAN SCHOICK RD	Street Sweeping	326088	HIGHWAY	DaltiJ
2/24/2023 0:00	8	Pavement 52-8-D	0.5	VAN SCHOICK RD	Street Sweeping	326089	HIGHWAY	DaltiJ
3/1/2023 0:00	5	Pavement 21E-5-A	0.3	MANASSA RD	Street Sweeping	324338	HIGHWAY	Marshalr
3/1/2023 0:00	5	Pavement 21E-5-B	0.3	SOUTHARD AVE	Street Sweeping	324339	HIGHWAY	Marshalr
3/1/2023 0:00	5	Pavement 524A-5	0.5	SQUANKUM YELLOWBROOK RD	Street Sweeping	324343	HIGHWAY	Marshalr
3/1/2023 0:00	5	Pavement 547-5-A	0.1	ASBURY AVE	Street Sweeping	324562	HIGHWAY	Marshalr
3/1/2023 0:00	5	Pavement 547-5-B	1	ASBURY AVE	Street Sweeping	324563	HIGHWAY	Marshalr
3/1/2023 0:00	5	Pavement 547-5-C	0.1	ASBURY AVE	Street Sweeping	324564	HIGHWAY	Marshalr
3/1/2023 0:00	5	Pavement 35-5-B	0.3	COLTS NECK RD	Street Sweeping	324565	HIGHWAY	Marshalr
3/1/2023 0:00	5	Pavement 17-5-B	0.3	EAST END AVE	Street Sweeping	324637	HIGHWAY	Marshalr
3/1/2023 0:00	5	Pavement 17-5-A	0.3	SYLVANIA AVE	Street Sweeping	324638	HIGHWAY	Marshalr
3/1/2023 0:00	5	Pavement 17-5-F	0.5	W SYLVANIA AVE	Street Sweeping	324639	HIGHWAY	Marshalr
3/1/2023 0:00	5	Pavement 18E-5-A	0.5	BELMAR BLVD	Street Sweeping	325351	HIGHWAY	Marshalr
3/1/2023 0:00	5	Pavement 18E-5-B	1	BELMAR BLVD	Street Sweeping	325352	HIGHWAY	Marshalr
3/1/2023 0:00	9	Non-Asset			Street Sweeping	324207	HIGHWAY	Killmern
3/1/2023 0:00	9	Pavement 55-9-A		KOZLOSKI RD	Street Sweeping	324253	HIGHWAY	Killmern
3/1/2023 0:00	9	Pavement 527-9-F		SILOAM RD	Street Sweeping	325226	HIGHWAY	Killmern

3/1/2023 0:00	9	Pavement 537W-9-B		W MAIN ST	Street Sweeping	325315	HIGHWAY	Killmern
3/1/2023 0:00	9	Pavement 55-9-A		KOZLOSKI RD	Street Sweeping	325318	HIGHWAY	Killmern
3/3/2023 0:00	6	Pavement County Route 537 Extension	3		Street Sweeping	329566	HIGHWAY	Cocuzzac
3/5/2023 0:00	5	Pavement 18W-5-B		OCEAN AVE	Street Sweeping	327012	HIGHWAY	Marshalr
3/5/2023 0:00	5	Pavement 30-5-A		MAIN ST	Street Sweeping	327125	HIGHWAY	Marshalr
3/5/2023 0:00	5	Pavement 30-5-B		MAIN ST	Street Sweeping	327126	HIGHWAY	Marshalr
3/6/2023 0:00	1	Pavement 8-1-A	1	FIRST AVE	Street Sweeping	329623	HIGHWAY	BurkhR
3/6/2023 0:00	1	Pavement 8B-1	1	NAVESINK AVE	Street Sweeping	329624	HIGHWAY	BurkhR
3/6/2023 0:00	1	Pavement 8A-1-A	2	LOCUST AVE	Street Sweeping	329625	HIGHWAY	BurkhR
3/6/2023 0:00	1	Pavement 8-1-G	1	VALLEY DR	Street Sweeping	329626	HIGHWAY	BurkhR
3/8/2023 0:00	6	Pavement County Route 537 Extension	4		Street Sweeping	329702	HIGHWAY	Cocuzzac
3/9/2023 0:00	8	Pavement 3-8-B		LLOYD RD	Street Sweeping	328667	HIGHWAY	RuscettM
3/9/2023 0:00	8	Pavement 3-8-A		LLOYD RD	Street Sweeping	328668	HIGHWAY	RuscettM
3/9/2023 0:00	8	Pavement 516-8-G		BROAD ST	Street Sweeping	328669	HIGHWAY	RuscettM
3/9/2023 0:00	8	Pavement 516-8-F		MAIN ST	Street Sweeping	328670	HIGHWAY	RuscettM
3/9/2023 0:00	8	Pavement 6A-8-A		RAVINE DR	Street Sweeping	328671	HIGHWAY	RuscettM
3/9/2023 0:00	8	Pavement 516-8-H		NEW BRUNSWICK AVE	Street Sweeping	328672	HIGHWAY	RuscettM
3/9/2023 0:00	8	Pavement 6-8-A		AMBOY RD	Street Sweeping	328673	HIGHWAY	RuscettM
3/9/2023 0:00	8	Pavement 6A-8-B		CROSS RD	Street Sweeping	328674	HIGHWAY	RuscettM
3/9/2023 0:00	8	Pavement 6A-8-C		CLIFFWOOD AVE	Street Sweeping	328675	HIGHWAY	RuscettM
3/9/2023 0:00	8	Pavement 45-8		CHURCH ST	Street Sweeping	328676	HIGHWAY	RuscettM
3/9/2023 0:00	10	Pavement 50-10-B		SWIMMING RIVER RD	Street Sweeping	327489	HIGHWAY	williamsj

3/10/2023 0:00	8	Pavement 39-8-A		UNION AVE	Street Sweeping	329236	HIGHWAY	RuscettM
3/10/2023 0:00	8	Pavement 39-8-C		FLORENCE AVE	Street Sweeping	329237	HIGHWAY	RuscettM
3/10/2023 0:00	8	Pavement 6-8-B		STONE RD	Street Sweeping	329238	HIGHWAY	RuscettM
3/10/2023 0:00	8	Pavement 6-8-F		STONE RD	Street Sweeping	329239	HIGHWAY	RuscettM
3/10/2023 0:00	8	Pavement 39-8-B		FRONT ST	Street Sweeping	329240	HIGHWAY	RuscettM
3/10/2023 0:00	8	Pavement 6-8-G		BROADWAY	Street Sweeping	329241	HIGHWAY	RuscettM
3/10/2023 0:00	8	Pavement 4-8-A		BROAD ST	Street Sweeping	329246	HIGHWAY	RuscettM
3/10/2023 0:00	8	Pavement 6-8-E		BROADWAY	Street Sweeping	329247	HIGHWAY	RuscettM
3/10/2023 0:00	8	Pavement 516-8-D		GREEN GROVE AVE	Street Sweeping	329248	HIGHWAY	RuscettM
3/10/2023 0:00	8	Pavement 6-8-D		1ST ST	Street Sweeping	329249	HIGHWAY	RuscettM
3/10/2023 0:00	8	Pavement 516-8-E		MAPLE PL	Street Sweeping	329250	HIGHWAY	RuscettM
3/10/2023 0:00	8	Pavement 6-8-C		W FRONT ST	Street Sweeping	329251	HIGHWAY	RuscettM
3/17/2023 0:00	6	Pavement County Route 537 Extension	4		Street Sweeping	329893	HIGHWAY	Cocuzzac
3/20/2023 0:00	6	Pavement County Route 537 Extension	3		Street Sweeping	329895	HIGHWAY	Cocuzzac
3/20/2023 0:00	8	Pavement 4-8-A		BROAD ST	Street Sweeping	329257	HIGHWAY	RuscettM
3/20/2023 0:00	8	Pavement 39-8-C		FLORENCE AVE	Street Sweeping	329258	HIGHWAY	RuscettM
3/20/2023 0:00	8	Pavement 6-8-E		BROADWAY	Street Sweeping	329259	HIGHWAY	RuscettM
3/20/2023 0:00	8	Pavement 516-8-D		GREEN GROVE AVE	Street Sweeping	329260	HIGHWAY	RuscettM
3/20/2023 0:00	8	Pavement 6-8-D		1ST ST	Street Sweeping	329261	HIGHWAY	RuscettM
3/20/2023 0:00	8	Pavement 516-8-E		MAPLE PL	Street Sweeping	329262	HIGHWAY	RuscettM
3/20/2023 0:00	8	Pavement 39-8-B		FRONT ST	Street Sweeping	329263	HIGHWAY	RuscettM
3/20/2023 0:00	8	Pavement 6-8-F		STONE RD	Street Sweeping	329264	HIGHWAY	RuscettM

3/20/2023 0:00	8	Pavement 6-8-B		STONE RD	Street Sweeping	329265	HIGHWAY	RuscettM
3/20/2023 0:00	8	Pavement 6-8-C		W FRONT ST	Street Sweeping	329266	HIGHWAY	RuscettM
3/20/2023 0:00	8	Pavement 39-8-A		UNION AVE	Street Sweeping	329267	HIGHWAY	RuscettM
3/20/2023 0:00	8	Pavement 6-8-A		AMBOY RD	Street Sweeping	329268	HIGHWAY	RuscettM
3/20/2023 0:00	8	Pavement 6-8-G		BROADWAY	Street Sweeping	329269	HIGHWAY	RuscettM
3/21/2023 0:00	6	Pavement County Route 537 Extension	3		Street Sweeping	329942	HIGHWAY	Cocuzzac
3/26/2023 0:00	8	Pavement 56-8		CARR AVE	Street Sweeping	330220	HIGHWAY	RuscettM
3/26/2023 0:00	8	Pavement 7-8-E		CHURCH ST	Street Sweeping	330221	HIGHWAY	RuscettM
3/26/2023 0:00	8	Pavement 516-8-E		MAPLE PL	Street Sweeping	330222	HIGHWAY	RuscettM
3/26/2023 0:00	8	Pavement 4-8		Broad St.	Street Sweeping	330223	HIGHWAY	RuscettM
3/26/2023 0:00	8	Pavement 6-8-C		W FRONT ST	Street Sweeping	330224	HIGHWAY	RuscettM
3/27/2023 0:00	1	Pavement 516-1-B	2.3	LEONARDVILLE RD	Street Sweeping	330260	HIGHWAY	koehlerm
3/27/2023 0:00	10	Pavement 3-10-D	1	TENNENT RD	Street Sweeping	330196	HIGHWAY	williamsj
3/27/2023 0:00	10	Pavement 3-10-C	0.5	TENNENT RD	Street Sweeping	330197	HIGHWAY	williamsj
3/28/2023 0:00	1	Pavement 516-1-A	0.75	CHERRY TREE FARM RD	Street Sweeping	330336	HIGHWAY	koehlerm
3/28/2023 0:00	1	Pavement 8-1-G	0.25	VALLEY DR	Street Sweeping	330337	HIGHWAY	koehlerm
3/28/2023 0:00	1	Pavement 8B-1	0.5	NAVESINK AVE	Street Sweeping	330338	HIGHWAY	koehlerm
3/28/2023 0:00	1	Pavement 10-1-A	0.75	RIVER RD	Street Sweeping	330340	HIGHWAY	koehlerm
3/29/2023 0:00	1	Pavement 50-1-C	1.3	MIDDLETOWN LINCROFT RD	Street Sweeping	330484	HIGHWAY	koehlerm
3/29/2023 0:00	1	Pavement 50-1-A	0.1	CHURCH ST	Street Sweeping	330485	HIGHWAY	koehlerm
3/29/2023 0:00	1	Pavement 12-1-B	0.5	NUTSWAMP RD	Street Sweeping	330486	HIGHWAY	koehlerm
3/29/2023 0:00	7	Pavement 537-7-C	2	MONMOUTH RD	Street Sweeping	330489	HIGHWAY	Toporeks

3/29/2023 0:00	7	Pavement 537-7-A	1	MONMOUTH RD	Street Sweeping	330490	HIGHWAY	Toporeks
3/31/2023 0:00	10	Pavement 520-10-F	1	NEWMAN SPRINGS RD	Street Sweeping	331060	HIGHWAY	williamsj
3/31/2023 0:00	10	Pavement 520-10-G	1	NEWMAN SPRINGS RD	Street Sweeping	331061	HIGHWAY	williamsj
4/2/2023 0:00	7	Pavement 539-7-C		Trenton-Forked River Rd	Street Sweeping	331516	HIGHWAY	Toporeks
4/3/2023 0:00	3	Pavement 547-3-D		WYCKOFF RD	Street Sweeping	328915	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 547-3-C		SHAFTO RD	Street Sweeping	328916	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 547-3-B		SHAFTO RD	Street Sweeping	328917	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 547-3-E		WYCKOFF RD	Street Sweeping	328918	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 15-3-B		WESTRA ST	Street Sweeping	329030	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 15-3-C		MONMOUTH RD	Street Sweeping	329031	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 15-3-A		GRASSMERE AVE	Street Sweeping	329032	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 15-3-E		MONMOUTH RD	Street Sweeping	329033	HIGHWAY	Brownr
4/3/2023 0:00	3	Building HW3-PL		PINE BROOK RD	Street Sweeping	329035	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 25-3-A		CEDAR AVE	Street Sweeping	329196	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 25-3-D		CEDAR AVE	Street Sweeping	329197	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 25-3-C		NORWOOD AVE	Street Sweeping	329198	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 11-3-A		OCEANPORT AVE	Street Sweeping	329199	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 25-3-E		NORWOOD AVE	Street Sweeping	329200	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 15-3-D		LOCUST AVE	Street Sweeping	329201	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 537-3-A		BROADWAY	Street Sweeping	329202	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 537-3-C		BROADWAY	Street Sweeping	329203	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 32-3-D		WALL ST	Street Sweeping	329474	HIGHWAY	Brownr

4/3/2023 0:00	3	Pavement 32-3-E	WALL ST	Street Sweeping	329475	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 57-3	OCEAN BLVD	Street Sweeping	329476	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 32-3-B	WALL ST	Street Sweeping	329477	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 32-3-A1	WALL ST	Street Sweeping	329478	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 57-3	OCEAN BLVD	Street Sweeping	329480	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 32-3-B	WALL ST	Street Sweeping	329481	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 32-3-D	WALL ST	Street Sweeping	329482	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 32-3-E	WALL ST	Street Sweeping	329483	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 32-3-A1	WALL ST	Street Sweeping	329484	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 32-3-C	WALL ST	Street Sweeping	329485	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 3-A	INDUSTRIAL WAY E	Street Sweeping	329486	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 16-3-A	ASBURY AVE	Street Sweeping	330003	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 16-3-C	ASBURY AVE	Street Sweeping	330004	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 16-3-B	ASBURY AVE	Street Sweeping	330005	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 16-3-F	ASBURY AVE	Street Sweeping	330006	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 16-3-E	ASBURY AVE	Street Sweeping	330007	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 16-3-D	ASBURY AVE	Street Sweeping	330008	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 51-3-B	HOPE RD	Street Sweeping	330598	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 51-3-A	HOPE RD	Street Sweeping	330599	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 14-3	W PARK AVE	Street Sweeping	330600	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 537-3-E	CR 537	Street Sweeping	330719	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 537-3-F	TINTON AVE	Street Sweeping	330720	HIGHWAY	Brownr

4/3/2023 0:00	3	Pavement 38-3-A		WAYSIDE RD	Street Sweeping	330721	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 38-3-B		WAYSIDE RD	Street Sweeping	330722	HIGHWAY	Brownr
4/3/2023 0:00	3	Pavement 38-3-C		WAYSIDE RD	Street Sweeping	330723	HIGHWAY	Brownr
4/3/2023 0:00	5	Pavement 35-5-B		COLTS NECK RD	Street Sweeping	330122	HIGHWAY	Marshalr
4/3/2023 0:00	5	Pavement 524-5-A		MAIN ST	Street Sweeping	330123	HIGHWAY	Marshalr
4/3/2023 0:00	5	Pavement 524-5-C		ADELPHIA RD	Street Sweeping	330185	HIGHWAY	Marshalr
4/3/2023 0:00	5	Pavement 524A-5		SQUANKUM YELLOWBROOK RD	Street Sweeping	330283	HIGHWAY	Marshalr
4/3/2023 0:00	5	Pavement 17-5-D		W BANGS AVE	Street Sweeping	330367	HIGHWAY	Marshalr
4/3/2023 0:00	5	Pavement 18E-5-B		BELMAR BLVD	Street Sweeping	330649	HIGHWAY	Marshalr
4/3/2023 0:00	5	Pavement 18-5-A		16TH AVE	Street Sweeping	330650	HIGHWAY	Marshalr
4/3/2023 0:00	5	Pavement 18-5-C		16TH AVE	Street Sweeping	330651	HIGHWAY	Marshalr
4/3/2023 0:00	9	Pavement 527-9-H		MILLHURST RD	Street Sweeping	327135	HIGHWAY	Killmern
4/3/2023 0:00	9	Pavement 55A-9		HALLS MILL RD	Street Sweeping	331411	HIGHWAY	Killmern
4/3/2023 0:00	9	Pavement 55A-9		HALLS MILL RD	Street Sweeping	331412	HIGHWAY	Killmern
4/3/2023 0:00	10	Pavement 520-10-B	0.5	MAIN ST	Street Sweeping	331067	HIGHWAY	williamsj
4/3/2023 0:00	10	Pavement 520-10-E	0.5	MAIN ST	Street Sweeping	331068	HIGHWAY	williamsj
4/3/2023 0:00	10	Pavement 520-10-I	0.5	NEWMAN SPRINGS RD	Street Sweeping	331069	HIGHWAY	williamsj
4/3/2023 0:00	10	Pavement 520-10-H	1	NEWMAN SPRINGS RD	Street Sweeping	331070	HIGHWAY	williamsj
4/4/2023 0:00	10	Pavement 4-10-A	0.5	SOUTH ST	Street Sweeping	331560	HIGHWAY	williamsj
4/4/2023 0:00	10	Pavement 4-10-E	0.75	HOLMDEL RD	Street Sweeping	331561	HIGHWAY	williamsj
4/4/2023 0:00	10	Pavement 4-10-D	0.75	HOLMDEL RD	Street Sweeping	331562	HIGHWAY	williamsj
4/4/2023 0:00	10	Pavement 4-10-F	0.5	SOUTH ST	Street Sweeping	331563	HIGHWAY	williamsj

4/5/2023 0:00	8	Pavement 516-8-F		MAIN ST	Street Sweeping	332679	HIGHWAY	RuscettM
4/5/2023 0:00	8	Pavement 6A-8-C		CLIFFWOOD AVE	Street Sweeping	332680	HIGHWAY	RuscettM
4/5/2023 0:00	8	Pavement 6-8-E		BROADWAY	Street Sweeping	332681	HIGHWAY	RuscettM
4/5/2023 0:00	8	Pavement 516-8-E		MAPLE PL	Street Sweeping	332683	HIGHWAY	RuscettM
4/5/2023 0:00	8	Pavement 56-8		CARR AVE	Street Sweeping	332684	HIGHWAY	RuscettM
4/5/2023 0:00	8	Pavement 7-8-C		PORT MONMOUTH RD	Street Sweeping	332685	HIGHWAY	RuscettM
4/6/2023 0:00	10	Pavement 4-10-A	1	SOUTH ST	Street Sweeping	332272	HIGHWAY	williamsj
4/6/2023 0:00	10	Pavement 4-10-D	0.5	HOLMDEL RD	Street Sweeping	332273	HIGHWAY	williamsj
4/6/2023 0:00	10	Pavement 4-10-E	0.5	HOLMDEL RD	Street Sweeping	332274	HIGHWAY	williamsj
4/6/2023 0:00	10	Pavement 4-10-F	1	SOUTH ST	Street Sweeping	332275	HIGHWAY	williamsj
4/6/2023 0:00	10	Pavement 50-10-A	0.5	SWIMMING RIVER RD	Street Sweeping	332320	HIGHWAY	williamsj
4/6/2023 0:00	10	Pavement 50-10-C	0.5	SWIMMING RIVER RD	Street Sweeping	332321	HIGHWAY	williamsj
4/6/2023 0:00	10	Pavement 50-10-B	0.5	SWIMMING RIVER RD	Street Sweeping	332322	HIGHWAY	williamsj
4/6/2023 0:00	10	Pavement 54-10	0.5	PHALANX RD	Street Sweeping	332323	HIGHWAY	williamsj
4/10/2023 0:00	10	Pavement 520-10-J	0.5	NEWMAN SPRINGS RD	Street Sweeping	332472	HIGHWAY	williamsj
4/10/2023 0:00	10	Pavement 520-10-I	0.5	NEWMAN SPRINGS RD	Street Sweeping	332473	HIGHWAY	williamsj
4/10/2023 0:00	10	Pavement 520-10-H	0.5	NEWMAN SPRINGS RD	Street Sweeping	332474	HIGHWAY	williamsj
4/10/2023 0:00	10	Pavement 520-10-L	0.5	NEWMAN SPRINGS RD	Street Sweeping	332475	HIGHWAY	williamsj
4/10/2023 0:00	10	Pavement 520-10-K	0.5	NEWMAN SPRINGS RD	Street Sweeping	332476	HIGHWAY	williamsj
4/13/2023 0:00	10	Pavement 520-10-H		NEWMAN SPRINGS RD	Street Sweeping	332912	HIGHWAY	williamsj
4/13/2023 0:00	10	Pavement 520-10-J		NEWMAN SPRINGS RD	Street Sweeping	332913	HIGHWAY	williamsj
4/13/2023 0:00	10	Pavement 520-10-L		NEWMAN SPRINGS RD	Street Sweeping	332914	HIGHWAY	williamsj

4/13/2023 0:00	10	Pavement 520-10-K		NEWMAN SPRINGS RD	Street Sweeping	332915	HIGHWAY	williamsj
4/13/2023 0:00	10	Pavement 520-10-I		NEWMAN SPRINGS RD	Street Sweeping	332916	HIGHWAY	williamsj
4/14/2023 0:00	10	Pavement 46-10-A		DUTCH LANE RD	Street Sweeping	332969	HIGHWAY	williamsj
4/14/2023 0:00	10	Pavement 46-10-B		DUTCH LANE RD	Street Sweeping	332970	HIGHWAY	williamsj
4/14/2023 0:00	10	Pavement 46-10-C		DUTCH LANE RD	Street Sweeping	332971	HIGHWAY	williamsj
4/14/2023 0:00	10	Pavement 4-10-B		CONOVER RD	Street Sweeping	332972	HIGHWAY	williamsj
4/14/2023 0:00	10	Pavement 4-10-C		CRINE RD	Street Sweeping	332973	HIGHWAY	williamsj
4/14/2023 0:00	10	Building STARS-PL		DUTCH LANE RD	Street Sweeping	332974	HIGHWAY	williamsj
4/17/2023 0:00	6	Pavement County Route 537 Extension			Street Sweeping	333893	HIGHWAY	Cocuzzac
4/17/2023 0:00	6	Pavement 537-6-B		TINTON AVE	Street Sweeping	333894	HIGHWAY	Cocuzzac
4/17/2023 0:00	6	Pavement 537-6-C		TINTON AVE	Street Sweeping	333895	HIGHWAY	Cocuzzac
4/17/2023 0:00	6	Pavement 537-6-F		AVENUE OF MEMORIES	Street Sweeping	333896	HIGHWAY	Cocuzzac
4/17/2023 0:00	6	Pavement 537-6-G	2	SALTZMAN AVE	Street Sweeping	333897	HIGHWAY	Cocuzzac
4/17/2023 0:00	6	Pavement 537-6-H		TINTON AVE	Street Sweeping	333898	HIGHWAY	Cocuzzac
4/18/2023 0:00	9	Pavement 55-9-A		KOZLOSKI RD	Street Sweeping	333267	HIGHWAY	Killmern
4/24/2023 0:00	1	Pavement 516-1-B	0.5	LEONARDVILLE RD	Street Sweeping	333529	HIGHWAY	koehlerm
4/24/2023 0:00	1	Pavement 50-1-D	0.5	NEW MONMOUTH RD	Street Sweeping	333530	HIGHWAY	koehlerm
4/24/2023 0:00	1	Pavement 516-1-A	0.7	CHERRY TREE FARM RD	Street Sweeping	333531	HIGHWAY	koehlerm
4/24/2023 0:00	7	Non-Asset			Street Sweeping	333397	HIGHWAY	Toporeks
4/24/2023 0:00	9	Pavement 522-9-G		FREEHOLD ENGLISHTOWN RD	Street Sweeping	334061	HIGHWAY	Killmern
4/26/2023 0:00	1	Pavement 50-1-D	0.2	NEW MONMOUTH RD	Street Sweeping	334099	HIGHWAY	koehlerm
4/26/2023 0:00	1	Pavement 50-1-A	0.1	CHURCH ST	Street Sweeping	334100	HIGHWAY	koehlerm

4/26/2023 0:00	1	Pavement 50-1-C	0.6	MIDDLETOWN LINCROFT RD	Street Sweeping	334101	HIGHWAY	koehlerm
4/26/2023 0:00	1	Pavement 12-1-B		NUTSWAMP RD	Street Sweeping	334120	HIGHWAY	koehlerm
4/26/2023 0:00	1	Pavement 10-1-B		W FRONT ST	Street Sweeping	334121	HIGHWAY	koehlerm
4/26/2023 0:00	1	Pavement 12-1-A		HUBBARD AVE	Street Sweeping	334102	HIGHWAY	koehlerm
4/27/2023 0:00	1	Pavement 10-1-A		RIVER RD	Street Sweeping	334574	HIGHWAY	koehlerm
4/27/2023 0:00	1	Pavement 8-1-B		OCEAN BLVD	Street Sweeping	334576	HIGHWAY	koehlerm
5/1/2023 0:00	1	Pavement 10-1-B		W FRONT ST	Street Sweeping	334444	HIGHWAY	koehlerm
5/1/2023 0:00	1	Pavement 10-1-B		W FRONT ST	Street Sweeping	334575	HIGHWAY	koehlerm
5/1/2023 0:00	5	Pavement 524-5-A	0.5	MAIN ST	Street Sweeping	330860	HIGHWAY	Marshalr
5/1/2023 0:00	5	Pavement 524-5-C	1	ADELPHIA RD	Street Sweeping	330861	HIGHWAY	Marshalr
5/1/2023 0:00	5	Pavement 547-5-A	0.3	ASBURY AVE	Street Sweeping	330862	HIGHWAY	Marshalr
5/1/2023 0:00	5	Pavement 547-5-B	0.5	ASBURY AVE	Street Sweeping	330863	HIGHWAY	Marshalr
5/1/2023 0:00	5	Pavement 547-5-C	0.3	ASBURY AVE	Street Sweeping	331456	HIGHWAY	Marshalr
5/1/2023 0:00	5	Pavement 18E-5-A	0.5	BELMAR BLVD	Street Sweeping	331457	HIGHWAY	Marshalr
5/1/2023 0:00	5	Pavement 21E-5-A	0.5	MANASSA RD	Street Sweeping	331582	HIGHWAY	Marshalr
5/1/2023 0:00	5	Pavement 21E-5-B	0.3	SOUTHARD AVE	Street Sweeping	331583	HIGHWAY	Marshalr
5/1/2023 0:00	5	Pavement 18-5-B	0.3	LAKE TER	Street Sweeping	332253	HIGHWAY	Marshalr
5/1/2023 0:00	5	Pavement 18W-5-C	0.5	OCEAN AVE	Street Sweeping	332254	HIGHWAY	Marshalr
5/1/2023 0:00	5	Pavement 2-5-B	1	SIXTH AVE	Street Sweeping	332379	HIGHWAY	Marshalr
5/1/2023 0:00	5	Pavement 5-5-A	0.5	STEINER AVE	Street Sweeping	332380	HIGHWAY	Marshalr
5/1/2023 0:00	5	Pavement 5-5-B	0.5	ATKINS AVE	Street Sweeping	332381	HIGHWAY	Marshalr
5/1/2023 0:00	5	Pavement 17-5-B	0.3	EAST END AVE	Street Sweeping	332499	HIGHWAY	Marshalr

5/1/2023 0:00	5	Pavement 18-5-D	0.3	MEGILL RD	Street Sweeping	332500	HIGHWAY	Marshalr
5/1/2023 0:00	5	Pavement 18E-5-A	1	BELMAR BLVD	Street Sweeping	332576	HIGHWAY	Marshalr
5/1/2023 0:00	5	Pavement 18-5-A	0.3	16TH AVE	Street Sweeping	332577	HIGHWAY	Marshalr
5/1/2023 0:00	5	Pavement 18-5-C	0.5	16TH AVE	Street Sweeping	332578	HIGHWAY	Marshalr
5/1/2023 0:00	5	Pavement 18W-5-A		OCEAN AVE	Street Sweeping	332936	HIGHWAY	Marshalr
5/1/2023 0:00	5	Pavement 18W-5-B		OCEAN AVE	Street Sweeping	332937	HIGHWAY	Marshalr
5/1/2023 0:00	5	Pavement 18W-5-C		OCEAN AVE	Street Sweeping	332938	HIGHWAY	Marshalr
5/1/2023 0:00	5	Pavement 18-5-B		LAKE TER	Street Sweeping	332939	HIGHWAY	Marshalr
5/1/2023 0:00	5	Pavement 17-5-F		W SYLVANIA AVE	Street Sweeping	333475	HIGHWAY	Marshalr
5/1/2023 0:00	5	Pavement 17-5-C	0.5	OLD CORLIES AVE	Street Sweeping	333573	HIGHWAY	Marshalr
5/1/2023 0:00	5	Pavement 17-5-D	1	W BANGS AVE	Street Sweeping	333574	HIGHWAY	Marshalr
5/1/2023 0:00	5	Pavement 35-5-B		COLTS NECK RD	Street Sweeping	334104	HIGHWAY	Marshalr
5/1/2023 0:00	9	Pavement 527-9-F		SILOAM RD	Street Sweeping	332186	HIGHWAY	Killmern
5/1/2023 0:00	9	Pavement 527-9-L		SMITHBURG RD	Street Sweeping	332187	HIGHWAY	Killmern
5/1/2023 0:00	9	Pavement 23-9		JACKSON MILLS RD	Street Sweeping	332639	HIGHWAY	Killmern
5/1/2023 0:00	9	Pavement 524-9		ELTON ADELPHIA RD	Street Sweeping	332893	HIGHWAY	Killmern
5/1/2023 0:00	9	Pavement 3-9-A		TENNENT RD	Street Sweeping	332897	HIGHWAY	Killmern
5/1/2023 0:00	9	Pavement 55A-9		HALLS MILL RD	Street Sweeping	333369	HIGHWAY	Killmern
5/1/2023 0:00	9	Pavement 537E-9-B		CR 537	Street Sweeping	333496	HIGHWAY	Killmern
5/1/2023 0:00	9	Pavement 527-9-C		MAIN ST	Street Sweeping	333568	HIGHWAY	Killmern
5/1/2023 0:00	9	Non-Asset			Street Sweeping	334062	HIGHWAY	Killmern
5/1/2023 0:00	9	Pavement 527-9-M		SMITHBURG RD	Street Sweeping	334092	HIGHWAY	Killmern

5/1/2023 0:00	9	Pavement 527A-9-A		Woodville (Northbound)	Street Sweeping	334232	HIGHWAY	Killmern
5/1/2023 0:00	9	Pavement 527-9-H		MILLHURST RD	Street Sweeping	334274	HIGHWAY	Killmern
5/1/2023 0:00	9	Non-Asset			Street Sweeping	334605	HIGHWAY	Killmern
5/3/2023 0:00	1	Pavement 8-1-C	6	BAY AVE	Street Sweeping	335020	HIGHWAY	koehlerm
5/3/2023 0:00	7	Pavement 27-7-D	1	Main Street, Hornerstown	Street Sweeping	323668	HIGHWAY	Toporeks
5/3/2023 0:00	10	Building HW10-PL	1	CR 520	Street Sweeping	335926	HIGHWAY	williamsj
5/3/2023 0:00	10	Pavement 520-10-A		NEWMAN SPRINGS RD	Street Sweeping	335927	HIGHWAY	williamsj
5/3/2023 0:00	10	Pavement 520-10-B		MAIN ST	Street Sweeping	335928	HIGHWAY	williamsj
5/3/2023 0:00	10	Pavement 520-10-C		NEWMAN SPRINGS RD	Street Sweeping	335929	HIGHWAY	williamsj
5/3/2023 0:00	10	Pavement 520-10-D		NEWMAN SPRINGS RD	Street Sweeping	335930	HIGHWAY	williamsj
5/3/2023 0:00	10	Non-Asset			Street Sweeping	336001	HIGHWAY	williamsj
5/4/2023 0:00	3	Pavement 51-3-B		HOPE RD	Street Sweeping	330985	HIGHWAY	Brownr
5/4/2023 0:00	3	Pavement 547-3-B		SHAFTO RD	Street Sweeping	330988	HIGHWAY	Brownr
5/4/2023 0:00	3	Pavement 547-3-D		WYCKOFF RD	Street Sweeping	330997	HIGHWAY	Brownr
5/4/2023 0:00	3	Pavement 547-3-E		WYCKOFF RD	Street Sweeping	330998	HIGHWAY	Brownr
5/4/2023 0:00	3	Pavement 15-3-B		WESTRA ST	Street Sweeping	330969	HIGHWAY	Brownr
5/4/2023 0:00	3	Pavement 15-3-C		MONMOUTH RD	Street Sweeping	330970	HIGHWAY	Brownr
5/4/2023 0:00	3	Pavement 15-3-A		GRASSMERE AVE	Street Sweeping	330980	HIGHWAY	Brownr
5/4/2023 0:00	3	Pavement 15-3-E		MONMOUTH RD	Street Sweeping	330982	HIGHWAY	Brownr
5/4/2023 0:00	3	Pavement 15-3-D		LOCUST AVE	Street Sweeping	331005	HIGHWAY	Brownr
5/4/2023 0:00	3	Pavement 57-3		OCEAN BLVD	Street Sweeping	330973	HIGHWAY	Brownr
5/4/2023 0:00	3	Pavement 537-3-C		BROADWAY	Street Sweeping	330975	HIGHWAY	Brownr

5/4/2023 0:00	3	Pavement 25-3-A	CEDAR AVE	Street Sweeping	330987	HIGHWAY	Brownr
5/4/2023 0:00	3	Pavement 537-3-A	BROADWAY	Street Sweeping	330990	HIGHWAY	Brownr
5/4/2023 0:00	3	Pavement 25-3-B	NORWOOD AVE	Street Sweeping	330992	HIGHWAY	Brownr
5/4/2023 0:00	3	Pavement 25-3-D	CEDAR AVE	Street Sweeping	330993	HIGHWAY	Brownr
5/4/2023 0:00	3	Pavement 25-3-C	NORWOOD AVE	Street Sweeping	330996	HIGHWAY	Brownr
5/4/2023 0:00	3	Pavement 11-3-A	OCEANPORT AVE	Street Sweeping	330999	HIGHWAY	Brownr
5/4/2023 0:00	3	Pavement 25-3-E	NORWOOD AVE	Street Sweeping	331000	HIGHWAY	Brownr
5/4/2023 0:00	3	Pavement 32-3-B	WALL ST	Street Sweeping	330974	HIGHWAY	Brownr
5/4/2023 0:00	3	Pavement 32-3-D	WALL ST	Street Sweeping	330978	HIGHWAY	Brownr
5/4/2023 0:00	3	Pavement 32-3-E	WALL ST	Street Sweeping	330979	HIGHWAY	Brownr
5/4/2023 0:00	3	Pavement 32-3-A1	WALL ST	Street Sweeping	330983	HIGHWAY	Brownr
5/4/2023 0:00	3	Pavement 3-A	INDUSTRIAL WAY E	Street Sweeping	330991	HIGHWAY	Brownr
5/4/2023 0:00	3	Pavement 32-3-C	WALL ST	Street Sweeping	330994	HIGHWAY	Brownr
5/4/2023 0:00	4	Pavement 49-4-C	2ND ST	Street Sweeping	332255	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 20-4-A	OLD BRIDGE RD	Street Sweeping	332256	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 49-4-D	SECOND AVE	Street Sweeping	332257	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 524-4-D	ALLAIRE RD	Street Sweeping	332258	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 49-4-A	SEA GIRT AVE	Street Sweeping	332259	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 524-4-C	ALLAIRE RD	Street Sweeping	332260	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 47-4	WARREN AVE	Street Sweeping	332261	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 48-4	RIVERVIEW DR	Street Sweeping	332262	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 30-4-B	EIGHTEENTH AVE	Street Sweeping	332263	HIGHWAY	Ortizk

5/4/2023 0:00	4	Pavement 20-4-D		8TH AVE	Street Sweeping	332264	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 18-4-B		OCEAN AVE	Street Sweeping	332265	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 49-4-B		WASHINGTON AVE	Street Sweeping	332266	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 18-4-A		BROWN AVE	Street Sweeping	332267	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 20-4-B		BROAD ST	Street Sweeping	332268	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 20-4-C		SOUTH ST	Street Sweeping	332269	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 524S-4-A		ATLANTIC AVE	Street Sweeping	332270	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 524S-4-B		ATLANTIC AVE	Street Sweeping	332271	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 524-4-D		ALLAIRE RD	Street Sweeping	332283	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 21-4-D		SQUANKUM RD	Street Sweeping	332284	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 524-4-A		ALLAIRE RD	Street Sweeping	332285	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 549-4-A		HERBERTSVILLE RD	Street Sweeping	332286	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 21-4-B		OLD TAVERN RD	Street Sweeping	332287	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 524-4-B		SQUANKUM RD	Street Sweeping	332288	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 549-4-B		HERBERTSVILLE RD	Street Sweeping	332289	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 30-4-C		W 18TH AVE	Street Sweeping	332290	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 21-4-A		SQUANKUM RD	Street Sweeping	332291	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 21-4-C		ALLENWOOD-LAKEWOOD RD	Street Sweeping	332292	HIGHWAY	Ortizk
5/4/2023 0:00	4	Pavement 547-4		LAKEWOOD-FARMINGDALE RD	Street Sweeping	332293	HIGHWAY	Ortizk
5/4/2023 0:00	7	Pavement 526-7-D	2	RED VALLEY RD	Street Sweeping	336010	HIGHWAY	mcaninchj
5/4/2023 0:00	7	Pavement SSR-7		SHARON STATION RD	Street Sweeping	336012	HIGHWAY	mcaninchj
5/4/2023 0:00	7	Pavement 571-7-C	1	N ROCHDALE AVE	Street Sweeping	336011	HIGHWAY	mcaninchj

5/4/2023 0:00	10	Pavement 520-10-G	1.5	NEWMAN SPRINGS RD	Street Sweeping	336425	HIGHWAY	williamsj
5/4/2023 0:00	10	Building CC-PL	1	MECHANIC ST	Street Sweeping	336426	HIGHWAY	williamsj
5/4/2023 0:00	10	Building CH-PL	0.5	MONUMENT Park	Street Sweeping	336427	HIGHWAY	williamsj
5/5/2023 0:00	5	Pavement 524-5-C		ADELPHIA RD	Street Sweeping	335909	HIGHWAY	Marshalr
5/5/2023 0:00	5	Pavement 524A-5		SQUANKUM YELLOWBROOK RD	Street Sweeping	335916	HIGHWAY	Marshalr
5/5/2023 0:00	5	Pavement 17-5-B		EAST END AVE	Street Sweeping	336210	HIGHWAY	Marshalr
5/5/2023 0:00	5	Pavement 17-5-F		W SYLVANIA AVE	Street Sweeping	336211	HIGHWAY	Marshalr
5/5/2023 0:00	5	Pavement 17-5-C		OLD CORLIES AVE	Street Sweeping	336516	HIGHWAY	Marshalr
5/5/2023 0:00	5	Pavement 17-5-D		W BANGS AVE	Street Sweeping	336517	HIGHWAY	Marshalr
5/5/2023 0:00	10	Pavement 46-10-C		DUTCH LANE RD	Street Sweeping	336576	HIGHWAY	williamsj
5/5/2023 0:00	10	Pavement 46-10-B		DUTCH LANE RD	Street Sweeping	336577	HIGHWAY	williamsj
5/5/2023 0:00	10	Pavement 46-10-A		DUTCH LANE RD	Street Sweeping	336578	HIGHWAY	williamsj
5/5/2023 0:00	10	Pavement 4-10-B		CONOVER RD	Street Sweeping	336579	HIGHWAY	williamsj
5/5/2023 0:00	10	Pavement 4-10-C		CRINE RD	Street Sweeping	336580	HIGHWAY	williamsj
5/5/2023 0:00	10	Building STARS-PL		DUTCH LANE RD	Street Sweeping	336582	HIGHWAY	williamsj
5/5/2023 0:00	10	Building HD-PL		E MAIN ST	Street Sweeping	336583	HIGHWAY	williamsj
5/5/2023 0:00	10	Building CC-PL		MECHANIC ST	Street Sweeping	336584	HIGHWAY	williamsj
5/8/2023 0:00	7	Pavement 524-7-B	1	N MAIN ST	Street Sweeping	337466	HIGHWAY	Toporeks
5/8/2023 0:00	7	Pavement 524-7-A	1.5	S MAIN ST	Street Sweeping	337502	HIGHWAY	Toporeks
5/8/2023 0:00	7	Pavement 526-7-B	0.5	Waker Ave	Street Sweeping	337505	HIGHWAY	Toporeks
5/8/2023 0:00	8	Pavement 12A-8	0.1	DWIGHT RD	Street Sweeping	337450	HIGHWAY	DaltiJ
5/8/2023 0:00	8	Pavement 52-8-A		LAUREL AVE	Street Sweeping	337451	HIGHWAY	DaltiJ

5/8/2023 0:00	8	Pavement 52-8-C	0.2	LAUREL AVE	Street Sweeping	337452	HIGHWAY	DaltiJ
5/8/2023 0:00	8	Pavement 516-8-B	0.2	MIDDLE RD	Street Sweeping	337453	HIGHWAY	DaltiJ
5/8/2023 0:00	8	Pavement 52-8-E	0.1	RED HILL RD	Street Sweeping	337454	HIGHWAY	DaltiJ
5/8/2023 0:00	8	Pavement 52-8-F		RED HILL RD	Street Sweeping	337455	HIGHWAY	DaltiJ
5/8/2023 0:00	8	Pavement 516-8-C	0.2	S LAUREL AVE	Street Sweeping	337456	HIGHWAY	DaltiJ
5/8/2023 0:00	8	Pavement 52-8-D		VAN SCHOICK RD	Street Sweeping	337457	HIGHWAY	DaltiJ
5/8/2023 0:00	8	Pavement 52-8-B	0.2	VAN SCHOICK RD	Street Sweeping	337458	HIGHWAY	DaltiJ
5/8/2023 0:00	9	Building PA-PL		Kozloski Road	Street Sweeping	337604	HIGHWAY	Killmern
5/9/2023 0:00	7	Pavement 526-7-A	2	CHURCH ST	Street Sweeping	337541	HIGHWAY	Toporeks
5/9/2023 0:00	7	Pavement 526-7-D	2	RED VALLEY RD	Street Sweeping	337703	HIGHWAY	Toporeks
5/9/2023 0:00	7	Pavement 43-7-A		IMLAYSTOWN RD	Street Sweeping	337704	HIGHWAY	Toporeks
5/9/2023 0:00	10	Pavement 520-10-D		NEWMAN SPRINGS RD	Street Sweeping	337459	HIGHWAY	williamsj
5/9/2023 0:00	10	Pavement 520-10-C		NEWMAN SPRINGS RD	Street Sweeping	337460	HIGHWAY	williamsj
5/9/2023 0:00	10	Pavement 520-10-B		MAIN ST	Street Sweeping	337461	HIGHWAY	williamsj
5/9/2023 0:00	10	Pavement 520-10-A		NEWMAN SPRINGS RD	Street Sweeping	337462	HIGHWAY	williamsj
5/9/2023 0:00	10	Pavement 520-10-E		MAIN ST	Street Sweeping	337463	HIGHWAY	williamsj
5/9/2023 0:00	10	Pavement 520-10-H		NEWMAN SPRINGS RD	Street Sweeping	337670	HIGHWAY	williamsj
5/9/2023 0:00	10	Pavement 520-10-I		NEWMAN SPRINGS RD	Street Sweeping	337671	HIGHWAY	williamsj
5/9/2023 0:00	10	Pavement 520-10-J		NEWMAN SPRINGS RD	Street Sweeping	337672	HIGHWAY	williamsj
5/9/2023 0:00	10	Pavement 520-10-K		NEWMAN SPRINGS RD	Street Sweeping	337673	HIGHWAY	williamsj
5/9/2023 0:00	10	Pavement 520-10-L		NEWMAN SPRINGS RD	Street Sweeping	337674	HIGHWAY	williamsj
5/10/2023 0:00	8	Pavement 6-8-G	0.2	BROADWAY	Street Sweeping	337768	HIGHWAY	DaltiJ

5/10/2023 0:00	8	Pavement 39-8-C	0.4	FLORENCE AVE	Street Sweeping	337769	HIGHWAY	DaltiJ
5/10/2023 0:00	8	Pavement 39-8-B	0.1	FRONT ST	Street Sweeping	337770	HIGHWAY	DaltiJ
5/10/2023 0:00	8	Pavement 39-8-A	0.4	UNION AVE	Street Sweeping	337771	HIGHWAY	DaltiJ
5/10/2023 0:00	10	Pavement 4-10-E		HOLMDEL RD	Street Sweeping	337751	HIGHWAY	williamsj
5/10/2023 0:00	10	Pavement 4-10-D		HOLMDEL RD	Street Sweeping	337752	HIGHWAY	williamsj
5/10/2023 0:00	10	Pavement 54-10		PHALANX RD	Street Sweeping	337753	HIGHWAY	williamsj
5/11/2023 0:00	10	Pavement 52-10-C	0.05	EVERETT RD	Street Sweeping	337908	HIGHWAY	williamsj
5/11/2023 0:00	10	Pavement 52-10-A	0.5	EVERETT RD	Street Sweeping	337909	HIGHWAY	williamsj
5/11/2023 0:00	10	Pavement 54-10	0.5	PHALANX RD	Street Sweeping	337910	HIGHWAY	williamsj
5/11/2023 0:00	10	Pavement 50-10-C	0.5	SWIMMING RIVER RD	Street Sweeping	337911	HIGHWAY	williamsj
5/11/2023 0:00	10	Pavement 50-10-B	0.5	SWIMMING RIVER RD	Street Sweeping	337912	HIGHWAY	williamsj
5/11/2023 0:00	10	Pavement 50-10-A	0.5	SWIMMING RIVER RD	Street Sweeping	337913	HIGHWAY	williamsj
5/12/2023 0:00	8	Pavement 7-8-C	0.1	PORT MONMOUTH RD	Street Sweeping	339196	HIGHWAY	DaltiJ
5/12/2023 0:00	8	Pavement 56-8	0.1	CARR AVE	Street Sweeping	339197	HIGHWAY	DaltiJ
5/12/2023 0:00	8	Pavement 7-8-E	0.1	CHURCH ST	Street Sweeping	339198	HIGHWAY	DaltiJ
5/12/2023 0:00	8	Pavement 7-8-D	0.1	MAIN ST	Street Sweeping	339199	HIGHWAY	DaltiJ
5/12/2023 0:00	8	Pavement 36-8	0.1	OCEAN AVE	Street Sweeping	339200	HIGHWAY	DaltiJ
5/12/2023 0:00	8	Pavement 7-8-A		PALMER AVE	Street Sweeping	339201	HIGHWAY	DaltiJ
5/12/2023 0:00	8	Pavement 7-8-G		PALMER AVE	Street Sweeping	339202	HIGHWAY	DaltiJ
5/12/2023 0:00	8	Pavement 7-8-B	0.1	PALMER AVE	Street Sweeping	339203	HIGHWAY	DaltiJ
5/12/2023 0:00	8	Pavement 7-8-F	0.1	MUNROE AVE	Street Sweeping	339204	HIGHWAY	DaltiJ
5/12/2023 0:00	10	Pavement 4-10-B	0.75	CONOVER RD	Street Sweeping	338012	HIGHWAY	williamsj

5/12/2023 0:00	10	Pavement 4-10-C	0.75	CRINE RD	Street Sweeping	338013	HIGHWAY	williamsj
5/12/2023 0:00	10	Pavement 46-10-C	0.75	DUTCH LANE RD	Street Sweeping	338014	HIGHWAY	williamsj
5/12/2023 0:00	10	Pavement 46-10-B	0.75	DUTCH LANE RD	Street Sweeping	338015	HIGHWAY	williamsj
5/12/2023 0:00	10	Pavement 46-10-A	0.75	DUTCH LANE RD	Street Sweeping	338016	HIGHWAY	williamsj
5/15/2023 0:00	9	Pavement 537W-9-B		W MAIN ST	Street Sweeping	338241	HIGHWAY	Killmern
5/15/2023 0:00	10	Pavement 3-10-D	0.5	TENNENT RD	Street Sweeping	338169	HIGHWAY	williamsj
5/15/2023 0:00	10	Pavement 3-10-C	0.5	TENNENT RD	Street Sweeping	338170	HIGHWAY	williamsj
5/15/2023 0:00	10	Pavement 520-10-G	1	NEWMAN SPRINGS RD	Street Sweeping	338171	HIGHWAY	williamsj
5/16/2023 0:00	10	Non-Asset			Street Sweeping	336002	HIGHWAY	williamsj
5/17/2023 0:00	8	Pavement 3-8-B		LLOYD RD	Street Sweeping	339206	HIGHWAY	DaltiJ
5/17/2023 0:00	8	Pavement 3-8-A	0.3	LLOYD RD	Street Sweeping	339207	HIGHWAY	DaltiJ
5/17/2023 0:00	8	Pavement 516-8-A	0.1	LOWER MAIN ST	Street Sweeping	339208	HIGHWAY	DaltiJ
5/17/2023 0:00	8	Pavement 516-8-F	0.1	MAIN ST	Street Sweeping	339209	HIGHWAY	DaltiJ
5/18/2023 0:00	8	Pavement 516-8-G	0.2	BROAD ST	Street Sweeping	339212	HIGHWAY	DaltiJ
5/18/2023 0:00	8	Pavement 516-8-H	0.1	NEW BRUNSWICK AVE	Street Sweeping	339213	HIGHWAY	DaltiJ
5/18/2023 0:00	8	Pavement 6A-8-A	0.3	RAVINE DR	Street Sweeping	339214	HIGHWAY	DaltiJ
5/18/2023 0:00	8	Pavement 52-8-D	0.7	VAN SCHOICK RD	Street Sweeping	339215	HIGHWAY	DaltiJ
5/18/2023 0:00	8	Pavement 52-8-B		VAN SCHOICK RD	Street Sweeping	339216	HIGHWAY	DaltiJ
5/18/2023 0:00	8	Pavement 52-8-F	0.2	RED HILL RD	Street Sweeping	339217	HIGHWAY	DaltiJ
5/18/2023 0:00	8	Pavement 52-8-E		RED HILL RD	Street Sweeping	339218	HIGHWAY	DaltiJ
5/18/2023 0:00	8	Pavement 12A-8	0.5	DWIGHT RD	Street Sweeping	339219	HIGHWAY	DaltiJ
5/22/2023 0:00	10	Pavement 46-10-A	0.25	DUTCH LANE RD	Street Sweeping	338938	HIGHWAY	williamsj

5/22/2023 0:00	10	Pavement 46-10-C	0.5	DUTCH LANE RD	Street Sweeping	338939	HIGHWAY	williamsj
5/22/2023 0:00	10	Pavement 4-10-C		CRINE RD	Street Sweeping	339009	HIGHWAY	williamsj
5/22/2023 0:00	10	Pavement 4-10-B		CONOVER RD	Street Sweeping	339010	HIGHWAY	williamsj
5/25/2023 0:00	5	Pavement 40A-5-B		MEMORIAL DR	Street Sweeping	339594	HIGHWAY	Cocuzzac
5/25/2023 0:00	10	Pavement 4-10-B		CONOVER RD	Street Sweeping	339555	HIGHWAY	williamsj
5/25/2023 0:00	10	Pavement 4-10-C		CRINE RD	Street Sweeping	339556	HIGHWAY	williamsj
5/25/2023 0:00	10	Pavement 46-10-A		DUTCH LANE RD	Street Sweeping	339557	HIGHWAY	williamsj
5/25/2023 0:00	10	Pavement 46-10-B		DUTCH LANE RD	Street Sweeping	339558	HIGHWAY	williamsj
5/25/2023 0:00	10	Pavement 46-10-C		DUTCH LANE RD	Street Sweeping	339559	HIGHWAY	williamsj
5/26/2023 0:00	8	Pavement 516-8-G		BROAD ST	Street Sweeping	340045	HIGHWAY	DaltiJ
5/26/2023 0:00	8	Pavement 516-8-F		MAIN ST	Street Sweeping	340046	HIGHWAY	DaltiJ
5/26/2023 0:00	8	Pavement 516-8-A		LOWER MAIN ST	Street Sweeping	340047	HIGHWAY	DaltiJ
5/26/2023 0:00	8	Pavement 39-8-B		FRONT ST	Street Sweeping	340048	HIGHWAY	DaltiJ
5/26/2023 0:00	8	Pavement 39-8-A		UNION AVE	Street Sweeping	340049	HIGHWAY	DaltiJ
5/31/2023 0:00	4	Pavement 49-4-C		2ND ST	Street Sweeping	336464	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 20-4-A		OLD BRIDGE RD	Street Sweeping	336465	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 49-4-D		SECOND AVE	Street Sweeping	336466	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 524-4-D		ALLAIRE RD	Street Sweeping	336467	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 49-4-A		SEA GIRT AVE	Street Sweeping	336468	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 524-4-C		ALLAIRE RD	Street Sweeping	336469	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 524S-4-B		ATLANTIC AVE	Street Sweeping	336470	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 47-4		WARREN AVE	Street Sweeping	336471	HIGHWAY	Ortizk

5/31/2023 0:00	4	Pavement 48-4		RIVERVIEW DR	Street Sweeping	336472	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 30-4-B		EIGHTEENTH AVE	Street Sweeping	336473	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 20-4-D		8TH AVE	Street Sweeping	336474	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 18-4-B		OCEAN AVE	Street Sweeping	336475	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 49-4-B		WASHINGTON AVE	Street Sweeping	336476	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 21-4-C		ALLENWOOD-LAKEWOOD RD	Street Sweeping	336477	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 18-4-A		BROWN AVE	Street Sweeping	336478	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 524S-4-A		ATLANTIC AVE	Street Sweeping	336479	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 20-4-B		BROAD ST	Street Sweeping	336480	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 20-4-C		SOUTH ST	Street Sweeping	336481	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 21-4-D		SQUANKUM RD	Street Sweeping	336482	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 524-4-A		ALLAIRE RD	Street Sweeping	336483	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 549-4-A		HERBERTSVILLE RD	Street Sweeping	336484	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 21-4-B		OLD TAVERN RD	Street Sweeping	336485	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 524-4-B		SQUANKUM RD	Street Sweeping	336486	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 549-4-B		HERBERTSVILLE RD	Street Sweeping	336487	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 30-4-C		W 18TH AVE	Street Sweeping	336488	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 21-4-A		SQUANKUM RD	Street Sweeping	336489	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 21-4-C		ALLENWOOD-LAKEWOOD RD	Street Sweeping	336490	HIGHWAY	Ortizk
5/31/2023 0:00	4	Pavement 547-4		LAKEWOOD-FARMINGDALE RD	Street Sweeping	336491	HIGHWAY	Ortizk
6/1/2023 0:00	1	Pavement 8-1-E	0.5	WATERWITCH AVE	Street Sweeping	337187	HIGHWAY	koehlerm
6/1/2023 0:00	1	Pavement 8-1-C	0.5	BAY AVE	Street Sweeping	337189	HIGHWAY	koehlerm

6/1/2023 0:00	1	Pavement 8-1-D	0.5	LINDEN AVE	Street Sweeping	337190	HIGHWAY	koehlerm
6/1/2023 0:00	1	Pavement 50-1-C	0.5	MIDDLETOWN LINCROFT RD	Street Sweeping	337191	HIGHWAY	koehlerm
6/1/2023 0:00	1	Pavement 516-1-A	1.5	CHERRY TREE FARM RD	Street Sweeping	337193	HIGHWAY	koehlerm
6/1/2023 0:00	1	Pavement 50-1-D	0.5	NEW MONMOUTH RD	Street Sweeping	337194	HIGHWAY	koehlerm
6/1/2023 0:00	1	Bridge S031	0.5	BINGHAM AVE	Street Sweeping	337195	HIGHWAY	koehlerm
6/1/2023 0:00	1	Pavement 516-1-B	1.75	LEONARDVILLE RD	Street Sweeping	337698	HIGHWAY	koehlerm
6/1/2023 0:00	1	Pavement 12A-1	11	NAVESINK RIVER RD	Street Sweeping	337722	HIGHWAY	koehlerm
6/1/2023 0:00	1	Pavement 8-1-B	7.25	OCEAN BLVD	Street Sweeping	339140	HIGHWAY	koehlerm
6/1/2023 0:00	1	Non-Asset			Street Sweeping	337896	HIGHWAY	koehlerm
6/1/2023 0:00	3	Pavement 25-3-A		CEDAR AVE	Street Sweeping	338807	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 25-3-D		CEDAR AVE	Street Sweeping	338808	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 57-3		OCEAN BLVD	Street Sweeping	338809	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 11-3-A		OCEANPORT AVE	Street Sweeping	338810	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 537-3-C		BROADWAY	Street Sweeping	338816	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 537-3-A		BROADWAY	Street Sweeping	338817	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 3-A		INDUSTRIAL WAY E	Street Sweeping	338818	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 15-3-D		LOCUST AVE	Street Sweeping	338819	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 38-3-A		WAYSIDE RD	Street Sweeping	338822	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 38-3-B		WAYSIDE RD	Street Sweeping	338823	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 38-3-C		WAYSIDE RD	Street Sweeping	338824	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 51-3-A		HOPE RD	Street Sweeping	338825	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 51-3-B		HOPE RD	Street Sweeping	338826	HIGHWAY	Marshalr

6/1/2023 0:00	3	Pavement 537-3-F		TINTON AVE	Street Sweeping	338827	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 14-3		W PARK AVE	Street Sweeping	338830	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 15-3-A		GRASSMERE AVE	Street Sweeping	338834	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 15-3-C		MONMOUTH RD	Street Sweeping	338835	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 15-3-E		MONMOUTH RD	Street Sweeping	338836	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 15-3-B		WESTRA ST	Street Sweeping	338837	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 25-3-B		NORWOOD AVE	Street Sweeping	338842	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 25-3-C		NORWOOD AVE	Street Sweeping	338843	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 25-3-A		CEDAR AVE	Street Sweeping	338845	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 25-3-D		CEDAR AVE	Street Sweeping	338846	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 537-3-E		CR 537	Street Sweeping	339161	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 547-3-D		WYCKOFF RD	Street Sweeping	339162	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 547-3-E		WYCKOFF RD	Street Sweeping	339163	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 16-3-A		ASBURY AVE	Street Sweeping	339590	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 16-3-B		ASBURY AVE	Street Sweeping	339591	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 16-3-E		ASBURY AVE	Street Sweeping	339592	HIGHWAY	Marshalr
6/1/2023 0:00	3	Pavement 16-3-F		ASBURY AVE	Street Sweeping	339593	HIGHWAY	Marshalr
6/1/2023 0:00	10	Pavement 520-10-D		NEWMAN SPRINGS RD	Street Sweeping	339945	HIGHWAY	williamsj
6/1/2023 0:00	10	Pavement 520-10-E		MAIN ST	Street Sweeping	339946	HIGHWAY	williamsj
6/1/2023 0:00	10	Pavement 4-10-E		HOLMDEL RD	Street Sweeping	339947	HIGHWAY	williamsj
6/1/2023 0:00	10	Pavement 46-10-A	0.5	DUTCH LANE RD	Street Sweeping	340139	HIGHWAY	williamsj
6/1/2023 0:00	10	Pavement 46-10-B	0.5	DUTCH LANE RD	Street Sweeping	340140	HIGHWAY	williamsj

6/1/2023 0:00	10	Pavement 46-10-C	0.5	DUTCH LANE RD	Street Sweeping	340141	HIGHWAY	williamsj
6/1/2023 0:00	10	Pavement 4-10-C	0.5	CRINE RD	Street Sweeping	340142	HIGHWAY	williamsj
6/1/2023 0:00	10	Pavement 4-10-B	0.5	CONOVER RD	Street Sweeping	340143	HIGHWAY	williamsj
6/2/2023 0:00	5	Pavement 40A-5-B		MEMORIAL DR	Street Sweeping	341115	HIGHWAY	Kaciczk
6/2/2023 0:00	5	Pavement 40A-5-A		MEMORIAL DR	Street Sweeping	341116	HIGHWAY	Kaciczk
6/2/2023 0:00	9	Pavement 3-9-A		TENNENT RD	Street Sweeping	335205	HIGHWAY	Killmern
6/2/2023 0:00	9	Pavement 524-9		ELTON ADELPHIA RD	Street Sweeping	335266	HIGHWAY	Killmern
6/2/2023 0:00	9	Pavement 23-9		JACKSON MILLS RD	Street Sweeping	335267	HIGHWAY	Killmern
6/2/2023 0:00	9	Pavement 537E-9-A		E MAIN ST	Street Sweeping	335904	HIGHWAY	Killmern
6/2/2023 0:00	9	Pavement 55-9-A		KOZLOSKI RD	Street Sweeping	336420	HIGHWAY	Killmern
6/2/2023 0:00	9	Pavement 55-9-A		KOZLOSKI RD	Street Sweeping	336505	HIGHWAY	Killmern
6/2/2023 0:00	9	Pavement 537W-9-B		W MAIN ST	Street Sweeping	337605	HIGHWAY	Killmern
6/2/2023 0:00	9	Pavement 537W-9-C		MONMOUTH RD	Street Sweeping	337711	HIGHWAY	Killmern
6/2/2023 0:00	9	Pavement 1-9-B		SWEETMANS LN	Street Sweeping	337837	HIGHWAY	Killmern
6/2/2023 0:00	9	Pavement 522-9-G		FREEHOLD ENGLISHTOWN RD	Street Sweeping	337933	HIGHWAY	Killmern
6/2/2023 0:00	9	Building MCPO-PL		JERSEYVILLE AVE	Street Sweeping	337958	HIGHWAY	Killmern
6/2/2023 0:00	9	Pavement 3-9-A		TENNENT RD	Street Sweeping	338067	HIGHWAY	Killmern
6/2/2023 0:00	9	Pavement 55A-9		HALLS MILL RD	Street Sweeping	338593	HIGHWAY	Killmern
6/2/2023 0:00	9	Pavement 522-9-G		FREEHOLD ENGLISHTOWN RD	Street Sweeping	339456	HIGHWAY	Killmern
6/2/2023 0:00	9	Pavement 55A-9		HALLS MILL RD	Street Sweeping	339646	HIGHWAY	Killmern
6/2/2023 0:00	9	Building MCPO-PL		JERSEYVILLE AVE	Street Sweeping	339943	HIGHWAY	Killmern
6/6/2023 0:00	1	Pavement 8-1-C		BAY AVE	Street Sweeping	340420	HIGHWAY	RuscettM

6/6/2023 0:00	1	Pavement 8-1-D		LINDEN AVE	Street Sweeping	340421	HIGHWAY	RuscettM
6/6/2023 0:00	1	Pavement 8-1-E		WATERWITCH AVE	Street Sweeping	340422	HIGHWAY	RuscettM
6/6/2023 0:00	8	Pavement 516-8-D	0.2	GREEN GROVE AVE	Street Sweeping	341524	HIGHWAY	DaltiJ
6/6/2023 0:00	8	Pavement 516-8-E	0.2	MAPLE PL	Street Sweeping	341525	HIGHWAY	DaltiJ
6/6/2023 0:00	8	Pavement 6-8-E	0.2	BROADWAY	Street Sweeping	341526	HIGHWAY	DaltiJ
6/6/2023 0:00	8	Pavement 6-8-A	0.2	AMBOY RD	Street Sweeping	341527	HIGHWAY	DaltiJ
6/6/2023 0:00	8	Pavement 6-8-C	0.2	W FRONT ST	Street Sweeping	341528	HIGHWAY	DaltiJ
6/7/2023 0:00	10	Non-Asset			Street Sweeping	341360	HIGHWAY	williamsj
6/8/2023 0:00	10	Pavement 50-10-C		SWIMMING RIVER RD	Street Sweeping	341529	HIGHWAY	williamsj
6/8/2023 0:00	10	Pavement 50-10-B		SWIMMING RIVER RD	Street Sweeping	341530	HIGHWAY	williamsj
6/8/2023 0:00	10	Pavement 50-10-A		SWIMMING RIVER RD	Street Sweeping	341531	HIGHWAY	williamsj
6/8/2023 0:00	10	Pavement 52-10-C		EVERETT RD	Street Sweeping	341532	HIGHWAY	williamsj
6/8/2023 0:00	10	Pavement 52-10-A		EVERETT RD	Street Sweeping	341533	HIGHWAY	williamsj
6/8/2023 0:00	10	Building CHWW-BLDG		MONUMENT Park	Street Sweeping	341592	HIGHWAY	williamsj
6/8/2023 0:00	10	Building CH-MP		MONUMENT Park	Street Sweeping	341593	HIGHWAY	williamsj
6/9/2023 0:00	1	Pavement 8-1-C		BAY AVE	Street Sweeping	341725	HIGHWAY	RuscettM
6/9/2023 0:00	1	Pavement 8-1-D		LINDEN AVE	Street Sweeping	341726	HIGHWAY	RuscettM
6/9/2023 0:00	1	Pavement 8-1-E		WATERWITCH AVE	Street Sweeping	341727	HIGHWAY	RuscettM
6/12/2023 0:00	10	Pavement 4-10-B	0.1	CONOVER RD	Street Sweeping	341758	HIGHWAY	williamsj
6/12/2023 0:00	10	Pavement 46-10-B	0.1	DUTCH LANE RD	Street Sweeping	341759	HIGHWAY	williamsj
6/12/2023 0:00	10	Pavement 4-10-C		CRINE RD	Street Sweeping	341760	HIGHWAY	williamsj
6/12/2023 0:00	10	Pavement 46-10-C		DUTCH LANE RD	Street Sweeping	341761	HIGHWAY	williamsj

6/12/2023 0:00	10	Pavement 46-10-A		DUTCH LANE RD	Street Sweeping	341762	HIGHWAY	williamsj
6/12/2023 0:00	10	Building STARS-PL		DUTCH LANE RD	Street Sweeping	341763	HIGHWAY	williamsj
6/14/2023 0:00	5	Non-Asset			Street Sweeping	342588	HIGHWAY	Kaciczk
6/14/2023 0:00	8	Pavement 6A-8-C		CLIFFWOOD AVE	Street Sweeping	342527	HIGHWAY	DaltiJ
6/14/2023 0:00	10	Pavement 3-10-D		TENNENT RD	Street Sweeping	342592	HIGHWAY	williamsj
6/14/2023 0:00	10	Pavement 3-10-C		TENNENT RD	Street Sweeping	342593	HIGHWAY	williamsj
6/15/2023 0:00	10	Pavement 46-10-C		DUTCH LANE RD	Street Sweeping	342604	HIGHWAY	williamsj
6/15/2023 0:00	10	Pavement 46-10-B		DUTCH LANE RD	Street Sweeping	342605	HIGHWAY	williamsj
6/15/2023 0:00	10	Pavement 46-10-A		DUTCH LANE RD	Street Sweeping	342606	HIGHWAY	williamsj
6/15/2023 0:00	10	Pavement 4-10-C		CRINE RD	Street Sweeping	342607	HIGHWAY	williamsj
6/15/2023 0:00	10	Pavement 4-10-B		CONOVER RD	Street Sweeping	342608	HIGHWAY	williamsj
6/20/2023 0:00	7	Pavement 539-7-C	4	Trenton-Forked River Rd	Street Sweeping	343893	HIGHWAY	Toporeks
6/20/2023 0:00	9	Non-Asset			Street Sweeping	343968	HIGHWAY	Killmern
6/21/2023 0:00	7	Pavement 524-7-B	2	N MAIN ST	Street Sweeping	344093	HIGHWAY	Toporeks
6/21/2023 0:00	7	Pavement 524-7-A	1.5	S MAIN ST	Street Sweeping	344094	HIGHWAY	Toporeks
6/21/2023 0:00	10	Pavement 3-10-D	0.5	TENNENT RD	Street Sweeping	344052	HIGHWAY	williamsj
6/21/2023 0:00	10	Pavement 3-10-C	0.5	TENNENT RD	Street Sweeping	344053	HIGHWAY	williamsj
6/21/2023 0:00	10	Pavement 520-10-G	1	NEWMAN SPRINGS RD	Street Sweeping	344054	HIGHWAY	williamsj
6/21/2023 0:00	10	Pavement 520-10-F	1	NEWMAN SPRINGS RD	Street Sweeping	344055	HIGHWAY	williamsj
6/27/2023 0:00	1	Pavement 8-1-B		OCEAN BLVD	Street Sweeping	344613	HIGHWAY	koehlerm
6/29/2023 0:00	1	Pavement 10-1-B		W FRONT ST	Street Sweeping	345754	HIGHWAY	koehlerm
6/29/2023 0:00	5	Non-Asset			Street Sweeping	345514	HIGHWAY	Kaciczk

6/29/2023 0:00	10	Non-Asset				Street Sweeping	344473	HIGHWAY	williamsj
6/30/2023 0:00	1	Pavement 516-1-B			LEONARDVILLE RD	Street Sweeping	342492	HIGHWAY	RuscettM
6/30/2023 0:00	1	Pavement 50-1-D			NEW MONMOUTH RD	Street Sweeping	342493	HIGHWAY	RuscettM
6/30/2023 0:00	1	Pavement 12-1-B		1	NUTSWAMP RD	Street Sweeping	343474	HIGHWAY	koehlerm
6/30/2023 0:00	1	Pavement 50-1-C		1.5	MIDDLETOWN LINCROFT RD	Street Sweeping	343475	HIGHWAY	koehlerm
6/30/2023 0:00	1	Pavement 8-1-B			OCEAN BLVD	Street Sweeping	343653	HIGHWAY	koehlerm
6/30/2023 0:00	1	Pavement 8B-1			NAVESINK AVE	Street Sweeping	343658	HIGHWAY	koehlerm
6/30/2023 0:00	1	Pavement 8-1-G			VALLEY DR	Street Sweeping	343701	HIGHWAY	koehlerm
6/30/2023 0:00	1	Pavement 8-1-E			WATERWITCH AVE	Street Sweeping	344452	HIGHWAY	koehlerm
6/30/2023 0:00	1	Pavement 8-1-D			LINDEN AVE	Street Sweeping	344454	HIGHWAY	koehlerm
6/30/2023 0:00	1	Pavement 516-1-A			CHERRY TREE FARM RD	Street Sweeping	342491	HIGHWAY	RuscettM
6/30/2023 0:00	1	Pavement 8-1-C			BAY AVE	Street Sweeping	345810	HIGHWAY	koehlerm
6/30/2023 0:00	4	Pavement 524-4-D			ALLAIRE RD	Street Sweeping	339889	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 21-4-D			SQUANKUM RD	Street Sweeping	339890	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 524-4-A			ALLAIRE RD	Street Sweeping	339891	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 549-4-A			HERBERTSVILLE RD	Street Sweeping	339892	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 21-4-B			OLD TAVERN RD	Street Sweeping	339893	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 524-4-B			SQUANKUM RD	Street Sweeping	339894	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 549-4-B			HERBERTSVILLE RD	Street Sweeping	339895	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 30-4-C			W 18TH AVE	Street Sweeping	339896	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 21-4-C			ALLENWOOD-LAKEWOOD RD	Street Sweeping	339897	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 547-4			LAKEWOOD-FARMINGDALE RD	Street Sweeping	339898	HIGHWAY	Brownr

6/30/2023 0:00	4	Pavement 49-4-C		2ND ST	Street Sweeping	339899	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 20-4-A		OLD BRIDGE RD	Street Sweeping	339900	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 49-4-D		SECOND AVE	Street Sweeping	339901	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 524-4-D		ALLAIRE RD	Street Sweeping	339902	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 49-4-A		SEA GIRT AVE	Street Sweeping	339903	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 524-4-C		ALLAIRE RD	Street Sweeping	339904	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 524S-4-B		ATLANTIC AVE	Street Sweeping	339905	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 47-4		WARREN AVE	Street Sweeping	339906	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 48-4		RIVERVIEW DR	Street Sweeping	339907	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 30-4-B		EIGHTEENTH AVE	Street Sweeping	339908	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 20-4-D		8TH AVE	Street Sweeping	339909	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 18-4-B		OCEAN AVE	Street Sweeping	339910	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 49-4-B		WASHINGTON AVE	Street Sweeping	339911	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 18-4-A		BROWN AVE	Street Sweeping	339912	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 524S-4-A		ATLANTIC AVE	Street Sweeping	339913	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 20-4-B		BROAD ST	Street Sweeping	339914	HIGHWAY	Brownr
6/30/2023 0:00	4	Pavement 20-4-C		SOUTH ST	Street Sweeping	339915	HIGHWAY	Brownr
6/30/2023 0:00	10	Pavement 46-10-C		DUTCH LANE RD	Street Sweeping	345829	HIGHWAY	williamsj
6/30/2023 0:00	10	Pavement 46-10-B		DUTCH LANE RD	Street Sweeping	345830	HIGHWAY	williamsj
6/30/2023 0:00	10	Pavement 46-10-A		DUTCH LANE RD	Street Sweeping	345831	HIGHWAY	williamsj
6/30/2023 0:00	10	Pavement 520-10-I	0.5	NEWMAN SPRINGS RD	Street Sweeping	345823	HIGHWAY	williamsj
7/3/2023 0:00	3	Pavement 3-A		INDUSTRIAL WAY E	Street Sweeping	340854	HIGHWAY	Marshalr

7/3/2023 0:00	3	Pavement 57-3	OCEAN BLVD	Street Sweeping	340855	HIGHWAY	Marshalr
7/3/2023 0:00	3	Pavement 11-3-A	OCEANPORT AVE	Street Sweeping	340856	HIGHWAY	Marshalr
7/3/2023 0:00	3	Pavement 547-3-B	SHAFTO RD	Street Sweeping	344133	HIGHWAY	Marshalr
7/3/2023 0:00	3	Pavement 547-3-C	SHAFTO RD	Street Sweeping	344134	HIGHWAY	Marshalr
7/3/2023 0:00	3	Pavement 38-3-A	WAYSIDE RD	Street Sweeping	344135	HIGHWAY	Marshalr
7/3/2023 0:00	3	Pavement 537-3-E	CR 537	Street Sweeping	344138	HIGHWAY	Marshalr
7/3/2023 0:00	3	Pavement 38-3-C	WAYSIDE RD	Street Sweeping	344139	HIGHWAY	Marshalr
7/3/2023 0:00	3	Pavement 547-3-E	WYCKOFF RD	Street Sweeping	344142	HIGHWAY	Marshalr
7/3/2023 0:00	3	Pavement 51-3-A	HOPE RD	Street Sweeping	344143	HIGHWAY	Marshalr
7/3/2023 0:00	3	Pavement 25-3-A	CEDAR AVE	Street Sweeping	344189	HIGHWAY	Marshalr
7/3/2023 0:00	3	Pavement 25-3-D	CEDAR AVE	Street Sweeping	344190	HIGHWAY	Marshalr
7/3/2023 0:00	3	Pavement 16-3-F	ASBURY AVE	Street Sweeping	344929	HIGHWAY	Marshalr
7/3/2023 0:00	3	Pavement 14-3	W PARK AVE	Street Sweeping	345654	HIGHWAY	Marshalr
7/3/2023 0:00	5	Pavement 524A-5	SQUANKUM YELLOWBROOK RD	Street Sweeping	341087	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 18W-5-B	OCEAN AVE	Street Sweeping	341112	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 18W-5-C	OCEAN AVE	Street Sweeping	341113	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 18W-5-A	OCEAN AVE	Street Sweeping	341114	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 524-5-A	MAIN ST	Street Sweeping	341258	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 524-5-B	ELTON ADELPHIA RD	Street Sweeping	341259	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 524-5-C	ADELPHIA RD	Street Sweeping	341260	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 18-5-B	LAKE TER	Street Sweeping	341905	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 18W-5-B	OCEAN AVE	Street Sweeping	341906	HIGHWAY	Kaciczk

7/3/2023 0:00	5	Pavement 18W-5-C	OCEAN AVE	Street Sweeping	341907	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 18W-5-A	OCEAN AVE	Street Sweeping	341908	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Building VOTECH-BLDG	KOZLOSKI RD	Street Sweeping	341911	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 547-5-C	ASBURY AVE	Street Sweeping	342086	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 547-5-B	ASBURY AVE	Street Sweeping	342087	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 547-5-A	ASBURY AVE	Street Sweeping	342088	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 18E-5-A	BELMAR BLVD	Street Sweeping	342311	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 18E-5-B	BELMAR BLVD	Street Sweeping	342312	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 18-5-C	16TH AVE	Street Sweeping	342313	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 17-5-B	EAST END AVE	Street Sweeping	342866	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 2-5-A	BRINLEY AVE	Street Sweeping	342867	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 17-5-E	NEPTUNE AVE	Street Sweeping	342868	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 17-5-F	W SYLVANIA AVE	Street Sweeping	342869	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 17-5-A	SYLVANIA AVE	Street Sweeping	342870	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 17-5-D	W BANGS AVE	Street Sweeping	343806	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 2-5-B	SIXTH AVE	Street Sweeping	343846	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 17-5-C	OLD CORLIES AVE	Street Sweeping	344060	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 5-5-A	STEINER AVE	Street Sweeping	344061	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 5-5-B	ATKINS AVE	Street Sweeping	344062	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Building HW5-PL	CRANBERRY RD	Street Sweeping	344225	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 35-5-A	N MAIN ST	Street Sweeping	344508	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 35-5-B	COLTS NECK RD	Street Sweeping	344509	HIGHWAY	Kaciczk

7/3/2023 0:00	5	Pavement 21E-5-A		MANASSA RD	Street Sweeping	345739	HIGHWAY	Kaciczk
7/3/2023 0:00	5	Pavement 21E-5-B		SOUTHARD AVE	Street Sweeping	345740	HIGHWAY	Kaciczk
7/3/2023 0:00	9	Pavement 537W-9-C		MONMOUTH RD	Street Sweeping	346609	HIGHWAY	Killmern
7/3/2023 0:00	10	Pavement 4-10-B	0.25	CONOVER RD	Street Sweeping	346124	HIGHWAY	williamsj
7/3/2023 0:00	10	Pavement 4-10-C	0.25	CRINE RD	Street Sweeping	346125	HIGHWAY	williamsj
7/3/2023 0:00	10	Pavement 4-10-A	0.25	SOUTH ST	Street Sweeping	346126	HIGHWAY	williamsj
7/3/2023 0:00	10	Pavement 46-10-A	0.25	DUTCH LANE RD	Street Sweeping	346127	HIGHWAY	williamsj
7/3/2023 0:00	10	Pavement 46-10-B	0.25	DUTCH LANE RD	Street Sweeping	346128	HIGHWAY	williamsj
7/3/2023 0:00	10	Pavement 46-10-C	0.25	DUTCH LANE RD	Street Sweeping	346129	HIGHWAY	williamsj
7/5/2023 0:00	7	Pavement SSR-7	1	SHARON STATION RD	Street Sweeping	346643	HIGHWAY	Toporeks
7/5/2023 0:00	7	Pavement 524-7-E	3	NEW CANTON-STONE TAVERN RD	Street Sweeping	346644	HIGHWAY	Toporeks
7/5/2023 0:00	9	Building MCPO-PL		JERSEYVILLE AVE	Street Sweeping	342052	HIGHWAY	Killmern
7/5/2023 0:00	9	Pavement 55-9-A		KOZLOSKI RD	Street Sweeping	342130	HIGHWAY	Killmern
7/5/2023 0:00	9	Pavement 537E-9-B		CR 537	Street Sweeping	342609	HIGHWAY	Killmern
7/5/2023 0:00	9	Pavement 55A-9		HALLS MILL RD	Street Sweeping	343969	HIGHWAY	Killmern
7/5/2023 0:00	9	Pavement 55-9-A		KOZLOSKI RD	Street Sweeping	344076	HIGHWAY	Killmern
7/5/2023 0:00	9	Pavement 23-9		JACKSON MILLS RD	Street Sweeping	345755	HIGHWAY	Killmern
7/5/2023 0:00	9	Pavement 24-9		MANALAPAN AVE	Street Sweeping	345756	HIGHWAY	Killmern
7/5/2023 0:00	9	Pavement 522-9-G		FREEHOLD ENGLISHTOWN RD	Street Sweeping	345757	HIGHWAY	Killmern
7/5/2023 0:00	9	Pavement 55-9-A		KOZLOSKI RD	Street Sweeping	345777	HIGHWAY	Killmern
7/5/2023 0:00	10	Pavement 520-10-K		NEWMAN SPRINGS RD	Street Sweeping	346699	HIGHWAY	williamsj
7/5/2023 0:00	10	Pavement 50-10-C		SWIMMING RIVER RD	Street Sweeping	346700	HIGHWAY	williamsj

7/5/2023 0:00	10	Pavement 50-10-B		SWIMMING RIVER RD	Street Sweeping	346701	HIGHWAY	williamsj
7/5/2023 0:00	10	Pavement 50-10-A		SWIMMING RIVER RD	Street Sweeping	346702	HIGHWAY	williamsj
7/7/2023 0:00	10	Pavement 520-10-H		NEWMAN SPRINGS RD	Street Sweeping	346990	HIGHWAY	williamsj
7/7/2023 0:00	10	Pavement 520-10-I		NEWMAN SPRINGS RD	Street Sweeping	346991	HIGHWAY	williamsj
7/7/2023 0:00	10	Pavement 520-10-J		NEWMAN SPRINGS RD	Street Sweeping	346992	HIGHWAY	williamsj
7/7/2023 0:00	10	Pavement 520-10-K		NEWMAN SPRINGS RD	Street Sweeping	346993	HIGHWAY	williamsj
7/7/2023 0:00	10	Pavement 520-10-L		NEWMAN SPRINGS RD	Street Sweeping	346994	HIGHWAY	williamsj
7/7/2023 0:00	10	Building HR-PL	0.5	E MAIN ST	Street Sweeping	347005	HIGHWAY	williamsj
7/7/2023 0:00	10	Building CH-PL	0.5	MONUMENT Park	Street Sweeping	347006	HIGHWAY	williamsj
7/7/2023 0:00	10	Building HRA-PL	0.25	E MAIN ST	Street Sweeping	347007	HIGHWAY	williamsj
7/11/2023 0:00	8	Pavement 56-8		CARR AVE	Street Sweeping	354448	HIGHWAY	DaltiJ
7/11/2023 0:00	8	Pavement 4-8-A		BROAD ST	Street Sweeping	354449	HIGHWAY	DaltiJ
7/11/2023 0:00	8	Pavement 39-8-C		FLORENCE AVE	Street Sweeping	354450	HIGHWAY	DaltiJ
7/11/2023 0:00	8	Pavement 7-8-E		CHURCH ST	Street Sweeping	354451	HIGHWAY	DaltiJ
7/11/2023 0:00	8	Pavement 6-8-E		BROADWAY	Street Sweeping	354452	HIGHWAY	DaltiJ
7/11/2023 0:00	8	Pavement 6-8-G		BROADWAY	Street Sweeping	354453	HIGHWAY	DaltiJ
7/11/2023 0:00	8	Pavement 516-8-D		GREEN GROVE AVE	Street Sweeping	354454	HIGHWAY	DaltiJ
7/11/2023 0:00	8	Pavement 6-8-D		1ST ST	Street Sweeping	354455	HIGHWAY	DaltiJ
7/11/2023 0:00	8	Pavement 6-8-A		AMBOY RD	Street Sweeping	354456	HIGHWAY	DaltiJ
7/11/2023 0:00	8	Pavement 7-8-D		MAIN ST	Street Sweeping	354457	HIGHWAY	DaltiJ
7/11/2023 0:00	8	Pavement 516-8-E		MAPLE PL	Street Sweeping	354458	HIGHWAY	DaltiJ
7/11/2023 0:00	8	Pavement 39-8-B		FRONT ST	Street Sweeping	354459	HIGHWAY	DaltiJ

7/11/2023 0:00	8	Pavement 4-8		Broad St.	Street Sweeping	354460	HIGHWAY	DaltiJ
7/11/2023 0:00	8	Pavement 7-8-C		PORT MONMOUTH RD	Street Sweeping	354461	HIGHWAY	DaltiJ
7/11/2023 0:00	8	Pavement 6-8-B		STONE RD	Street Sweeping	354462	HIGHWAY	DaltiJ
7/11/2023 0:00	8	Pavement 6-8-F		STONE RD	Street Sweeping	354463	HIGHWAY	DaltiJ
7/11/2023 0:00	8	Pavement 39-8-A		UNION AVE	Street Sweeping	354464	HIGHWAY	DaltiJ
7/11/2023 0:00	8	Pavement 6-8-C		W FRONT ST	Street Sweeping	354465	HIGHWAY	DaltiJ
7/12/2023 0:00	10	Pavement 520-10-F	1	NEWMAN SPRINGS RD	Street Sweeping	348337	HIGHWAY	williamsj
7/17/2023 0:00	9	Pavement 3-9-A		TENNENT RD	Street Sweeping	350603	HIGHWAY	Killmern
7/20/2023 0:00	5	Non-Asset			Street Sweeping	348346	HIGHWAY	Kaciczk
7/21/2023 0:00	1	Pavement 8-1-C		BAY AVE	Street Sweeping	351186	HIGHWAY	RuscettM
7/21/2023 0:00	1	Pavement 8-1-A		FIRST AVE	Street Sweeping	351187	HIGHWAY	RuscettM
7/28/2023 0:00	1	Pavement 10-1-D		W RIVER RD	Street Sweeping	348451	HIGHWAY	koehlerm
7/28/2023 0:00	1	Pavement 8B-1		NAVESINK AVE	Street Sweeping	348452	HIGHWAY	koehlerm
7/28/2023 0:00	1	Pavement 8A-1-A		LOCUST AVE	Street Sweeping	348453	HIGHWAY	koehlerm
7/28/2023 0:00	1	Pavement 50-1-C		MIDDLETOWN LINCROFT RD	Street Sweeping	348454	HIGHWAY	koehlerm
7/28/2023 0:00	1	Pavement 12-1-B		NUTSWAMP RD	Street Sweeping	348455	HIGHWAY	koehlerm
7/28/2023 0:00	1	Pavement 8-1-E		WATERWITCH AVE	Street Sweeping	348456	HIGHWAY	koehlerm
7/28/2023 0:00	1	Pavement 8-1-D		LINDEN AVE	Street Sweeping	348457	HIGHWAY	koehlerm
7/28/2023 0:00	1	Pavement 50-1-B		KINGS HWY	Street Sweeping	348458	HIGHWAY	koehlerm
7/28/2023 0:00	1	Pavement 10-1-B		W FRONT ST	Street Sweeping	348459	HIGHWAY	koehlerm
7/28/2023 0:00	1	Pavement 12A-1		NAVESINK RIVER RD	Street Sweeping	348460	HIGHWAY	koehlerm
7/28/2023 0:00	1	Pavement 8-1-A		FIRST AVE	Street Sweeping	348461	HIGHWAY	koehlerm

7/28/2023 0:00	1	Pavement 8-1-C	BAY AVE	Street Sweeping	348462	HIGHWAY	koehlerm
7/28/2023 0:00	1	Pavement 8-1-G	VALLEY DR	Street Sweeping	348463	HIGHWAY	koehlerm
7/28/2023 0:00	1	Pavement 8A-1-B	LOCUST POINT RD	Street Sweeping	348464	HIGHWAY	koehlerm
7/28/2023 0:00	1	Pavement 8-1-B	OCEAN BLVD	Street Sweeping	348465	HIGHWAY	koehlerm
7/28/2023 0:00	1	Pavement 12-1-A	HUBBARD AVE	Street Sweeping	348466	HIGHWAY	koehlerm
7/28/2023 0:00	1	Pavement 10-1-C	RIVER RD	Street Sweeping	348467	HIGHWAY	koehlerm
7/28/2023 0:00	1	Pavement 516-1-B	LEONARDVILLE RD	Street Sweeping	348468	HIGHWAY	koehlerm
7/28/2023 0:00	1	Pavement 10-1-A	RIVER RD	Street Sweeping	348469	HIGHWAY	koehlerm
7/28/2023 0:00	1	Pavement 10-1-E	EAST RIVER RD	Street Sweeping	348470	HIGHWAY	koehlerm
7/28/2023 0:00	1	Pavement 516-1-A	CHERRY TREE FARM RD	Street Sweeping	348471	HIGHWAY	koehlerm
7/28/2023 0:00	1	Pavement 50-1-D	NEW MONMOUTH RD	Street Sweeping	348472	HIGHWAY	koehlerm
7/28/2023 0:00	1	Pavement 50-1-A	CHURCH ST	Street Sweeping	348473	HIGHWAY	koehlerm
7/28/2023 0:00	1	Building BFT-PL	HARBOR WAY	Street Sweeping	351374	HIGHWAY	RuscettM
8/1/2023 0:00	1	Pavement 516-1-A	CHERRY TREE FARM RD	Street Sweeping	355795	HIGHWAY	RuscettM
8/1/2023 0:00	1	Pavement 516-1-B	LEONARDVILLE RD	Street Sweeping	355796	HIGHWAY	RuscettM
8/1/2023 0:00	1	Pavement 50-1-D	NEW MONMOUTH RD	Street Sweeping	355797	HIGHWAY	RuscettM
8/1/2023 0:00	3	Pavement 25-3-A	CEDAR AVE	Street Sweeping	346104	HIGHWAY	Marshalr
8/1/2023 0:00	3	Pavement 57-3	OCEAN BLVD	Street Sweeping	346105	HIGHWAY	Marshalr
8/1/2023 0:00	3	Pavement 537-3-E	CR 537	Street Sweeping	346602	HIGHWAY	Marshalr
8/1/2023 0:00	3	Pavement 38-3-A	WAYSIDE RD	Street Sweeping	346603	HIGHWAY	Marshalr
8/1/2023 0:00	3	Pavement 547-3-B	SHAFTO RD	Street Sweeping	347895	HIGHWAY	Marshalr
8/1/2023 0:00	3	Pavement 16-3-F	ASBURY AVE	Street Sweeping	347951	HIGHWAY	Marshalr

8/1/2023 0:00	3	Pavement 547-3-D	WYCKOFF RD	Street Sweeping	347938	HIGHWAY	Marshalr
8/1/2023 0:00	3	Pavement 547-3-E	WYCKOFF RD	Street Sweeping	347939	HIGHWAY	Marshalr
8/1/2023 0:00	3	Pavement 14-3	W PARK AVE	Street Sweeping	348502	HIGHWAY	Marshalr
8/1/2023 0:00	3	Pavement 537-3-C	BROADWAY	Street Sweeping	350738	HIGHWAY	Marshalr
8/1/2023 0:00	3	Pavement 25-3-B	NORWOOD AVE	Street Sweeping	350739	HIGHWAY	Marshalr
8/1/2023 0:00	3	Pavement 25-3-C	NORWOOD AVE	Street Sweeping	350740	HIGHWAY	Marshalr
8/1/2023 0:00	5	Pavement 524-5-A	MAIN ST	Street Sweeping	346313	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 524-5-B	ELTON ADELPHIA RD	Street Sweeping	346314	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 524-5-C	ADELPHIA RD	Street Sweeping	346315	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 547-5-C	ASBURY AVE	Street Sweeping	346691	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 547-5-B	ASBURY AVE	Street Sweeping	346692	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 547-5-A	ASBURY AVE	Street Sweeping	346693	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 18E-5-A	BELMAR BLVD	Street Sweeping	346829	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 18E-5-B	BELMAR BLVD	Street Sweeping	346830	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 18-5-D	MEGILL RD	Street Sweeping	346831	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 18-5-B	LAKE TER	Street Sweeping	347052	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 18W-5-B	OCEAN AVE	Street Sweeping	347053	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 18W-5-C	OCEAN AVE	Street Sweeping	347054	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 18W-5-A	OCEAN AVE	Street Sweeping	347055	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 17-5-A	SYLVANIA AVE	Street Sweeping	347056	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 35-5-B	COLTS NECK RD	Street Sweeping	347694	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 35-5-A	N MAIN ST	Street Sweeping	347695	HIGHWAY	Kaciczk

8/1/2023 0:00	5	Building FA-PL	STATE HWY 33	Street Sweeping	348088	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 17-5-B	EAST END AVE	Street Sweeping	348089	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 17-5-F	W SYLVANIA AVE	Street Sweeping	348090	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 17-5-E	NEPTUNE AVE	Street Sweeping	348091	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 30-5-A	MAIN ST	Street Sweeping	348347	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 30-5-B	MAIN ST	Street Sweeping	348348	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 2-5-A	BRINLEY AVE	Street Sweeping	348349	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 2-5-B	SIXTH AVE	Street Sweeping	348653	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 5-5-A	STEINER AVE	Street Sweeping	348654	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 5-5-B	ATKINS AVE	Street Sweeping	348655	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 2-5-B	SIXTH AVE	Street Sweeping	350313	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 17-5-D	W BANGS AVE	Street Sweeping	350626	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 17-5-C	OLD CORLIES AVE	Street Sweeping	350772	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 524A-5	SQUANKUM YELLOWBROOK RD	Street Sweeping	351864	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Building AG-PL	KOZLOSKI RD	Street Sweeping	351865	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 21E-5-B	SOUTHARD AVE	Street Sweeping	351992	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Pavement 21E-5-A	MANASSA RD	Street Sweeping	351993	HIGHWAY	Kaciczk
8/1/2023 0:00	5	Building HW5-PL	CRANBERRY RD	Street Sweeping	352774	HIGHWAY	Kaciczk
8/2/2023 0:00	1	Pavement 516-1-A	CHERRY TREE FARM RD	Street Sweeping	354427	HIGHWAY	RuscettM
8/2/2023 0:00	1	Pavement 50-1-D	NEW MONMOUTH RD	Street Sweeping	354428	HIGHWAY	RuscettM
8/2/2023 0:00	1	Pavement 10-1-D	W RIVER RD	Street Sweeping	354429	HIGHWAY	RuscettM
8/2/2023 0:00	1	Pavement 10-1-A	RIVER RD	Street Sweeping	354430	HIGHWAY	RuscettM

8/2/2023 0:00	9	Pavement 527-9-F		SILOAM RD	Street Sweeping	346686	HIGHWAY	Killmern
8/2/2023 0:00	9	Pavement 527-9-M		SMITHBURG RD	Street Sweeping	346689	HIGHWAY	Killmern
8/2/2023 0:00	9	Pavement 537E-9-B		CR 537	Street Sweeping	346750	HIGHWAY	Killmern
8/2/2023 0:00	9	Pavement 55-9-A		KOZLOSKI RD	Street Sweeping	348492	HIGHWAY	Killmern
8/2/2023 0:00	9	Pavement 524-9		ELTON ADELPHIA RD	Street Sweeping	348650	HIGHWAY	Killmern
8/2/2023 0:00	9	Pavement 24-9		MANALAPAN AVE	Street Sweeping	348651	HIGHWAY	Killmern
8/2/2023 0:00	9	Non-Asset			Street Sweeping	348729	HIGHWAY	Killmern
8/2/2023 0:00	9	Pavement 55-9-A		KOZLOSKI RD	Street Sweeping	351525	HIGHWAY	Killmern
8/2/2023 0:00	9	Non-Asset			Street Sweeping	351660	HIGHWAY	Killmern
8/2/2023 0:00	9	Non-Asset			Street Sweeping	352005	HIGHWAY	Killmern
8/2/2023 0:00	9	Non-Asset			Street Sweeping	352044	HIGHWAY	Killmern
8/3/2023 0:00	1	Pavement 516-1-B	3	LEONARDVILLE RD	Street Sweeping	353912	HIGHWAY	RuscettM
8/3/2023 0:00	1	Pavement 8B-1	5	NAVESINK AVE	Street Sweeping	353913	HIGHWAY	RuscettM
8/4/2023 0:00	1	Pavement 8-1-C		BAY AVE	Street Sweeping	354434	HIGHWAY	RuscettM
8/4/2023 0:00	1	Pavement 8-1-D		LINDEN AVE	Street Sweeping	354435	HIGHWAY	RuscettM
8/4/2023 0:00	1	Pavement 8-1-E		WATERWITCH AVE	Street Sweeping	354436	HIGHWAY	RuscettM
8/4/2023 0:00	1	Pavement 8-1-A		FIRST AVE	Street Sweeping	354437	HIGHWAY	RuscettM
8/4/2023 0:00	1	Pavement 8-1-B		OCEAN BLVD	Street Sweeping	354438	HIGHWAY	RuscettM
8/7/2023 0:00	5	Non-Asset			Street Sweeping	353572	HIGHWAY	Kaciczk
8/11/2023 0:00	1	Pavement 8-1-C		BAY AVE	Street Sweeping	355891	HIGHWAY	RuscettM
8/11/2023 0:00	1	Pavement 8-1-A		FIRST AVE	Street Sweeping	355892	HIGHWAY	RuscettM
8/11/2023 0:00	1	Pavement 8-1-D		LINDEN AVE	Street Sweeping	355893	HIGHWAY	RuscettM

8/11/2023 0:00	1	Pavement 8-1-B		OCEAN BLVD	Street Sweeping	355894	HIGHWAY	RuscettM
8/11/2023 0:00	1	Pavement 8-1-E		WATERWITCH AVE	Street Sweeping	355895	HIGHWAY	RuscettM
8/15/2023 0:00	1	Pavement 10-1-A	2	RIVER RD	Street Sweeping	356473	HIGHWAY	RuscettM
8/15/2023 0:00	1	Pavement 10-1-C	2	RIVER RD	Street Sweeping	356474	HIGHWAY	RuscettM
8/15/2023 0:00	1	Pavement 10-1-D	2	W RIVER RD	Street Sweeping	356475	HIGHWAY	RuscettM
8/15/2023 0:00	1	Pavement 10-1-E	2	EAST RIVER RD	Street Sweeping	356476	HIGHWAY	RuscettM
8/16/2023 0:00	5	Non-Asset			Street Sweeping	358201	HIGHWAY	Kaciczk
8/16/2023 0:00	7	Pavement 43-7-B		IMLAYSTOWN-HIGHTSTOWN RD	Street Sweeping	357385	HIGHWAY	Toporeks
8/16/2023 0:00	7	Pavement 43-7-A	2	IMLAYSTOWN RD	Street Sweeping	357386	HIGHWAY	Toporeks
8/18/2023 0:00	8	Pavement 516-8-G	0.5	BROAD ST	Street Sweeping	358772	HIGHWAY	DaltiJ
8/18/2023 0:00	8	Pavement 6A-8-C	0.5	CLIFFWOOD AVE	Street Sweeping	358773	HIGHWAY	DaltiJ
8/18/2023 0:00	8	Pavement 6A-8-B		CROSS RD	Street Sweeping	358774	HIGHWAY	DaltiJ
8/18/2023 0:00	8	Pavement 516-8-A		LOWER MAIN ST	Street Sweeping	358775	HIGHWAY	DaltiJ
8/18/2023 0:00	8	Pavement 516-8-F	0.5	MAIN ST	Street Sweeping	358776	HIGHWAY	DaltiJ
8/18/2023 0:00	8	Pavement 516-8-H	0.5	NEW BRUNSWICK AVE	Street Sweeping	358777	HIGHWAY	DaltiJ
8/18/2023 0:00	8	Pavement 6A-8-A		RAVINE DR	Street Sweeping	358778	HIGHWAY	DaltiJ
8/18/2023 0:00	8	Pavement 7-8-D		MAIN ST	Street Sweeping	358779	HIGHWAY	DaltiJ
8/18/2023 0:00	8	Pavement 36-8		OCEAN AVE	Street Sweeping	358780	HIGHWAY	DaltiJ
8/18/2023 0:00	8	Pavement 7-8-C	0.4	PORT MONMOUTH RD	Street Sweeping	358781	HIGHWAY	DaltiJ
8/18/2023 0:00	8	Pavement 7-8-A	0.6	PALMER AVE	Street Sweeping	358782	HIGHWAY	DaltiJ
8/18/2023 0:00	8	Pavement 7-8-G		PALMER AVE	Street Sweeping	358783	HIGHWAY	DaltiJ
8/18/2023 0:00	8	Pavement 7-8-B		PALMER AVE	Street Sweeping	358784	HIGHWAY	DaltiJ

8/21/2023 0:00	8	Pavement 3-8-B	1	LLOYD RD	Street Sweeping	358828	HIGHWAY	DaltiJ
8/21/2023 0:00	8	Pavement 3-8-A		LLOYD RD	Street Sweeping	358829	HIGHWAY	DaltiJ
8/21/2023 0:00	8	Pavement 516-8-D	0.3	GREEN GROVE AVE	Street Sweeping	358830	HIGHWAY	DaltiJ
8/21/2023 0:00	8	Pavement 4-8	0.3	Broad St.	Street Sweeping	358831	HIGHWAY	DaltiJ
8/21/2023 0:00	8	Pavement 6-8-E	0.2	BROADWAY	Street Sweeping	358832	HIGHWAY	DaltiJ
8/21/2023 0:00	8	Pavement 6-8-A	0.2	AMBOY RD	Street Sweeping	358833	HIGHWAY	DaltiJ
8/21/2023 0:00	9	Building MCPO-PL		JERSEYVILLE AVE	Street Sweeping	358485	HIGHWAY	Killmern
8/25/2023 0:00	6	Pavement 537-6-F	2	AVENUE OF MEMORIES	Street Sweeping	360403	HIGHWAY	depalmam
8/25/2023 0:00	6	Pavement 537-6-G	2	SALTZMAN AVE	Street Sweeping	360404	HIGHWAY	depalmam
8/25/2023 0:00	6	Pavement 537-6-H	2	TINTON AVE	Street Sweeping	360405	HIGHWAY	depalmam
8/28/2023 0:00	6	Pavement 520-6-B		RUMSON RD	Street Sweeping	359984	HIGHWAY	depalmam
8/29/2023 0:00	5	Building FA-PL		STATE HWY 33	Street Sweeping	361390	HIGHWAY	Kaciczk
8/29/2023 0:00	7	Pavement 524-7-B	2	N MAIN ST	Street Sweeping	360083	HIGHWAY	Toporeks
8/29/2023 0:00	7	Pavement 524-7-A	2	S MAIN ST	Street Sweeping	360084	HIGHWAY	Toporeks
8/30/2023 0:00	5	Non-Asset			Street Sweeping	361399	HIGHWAY	Kaciczk
8/31/2023 0:00	1	Pavement 10-1-D		W RIVER RD	Street Sweeping	356566	HIGHWAY	koehlerm
8/31/2023 0:00	1	Pavement 12A-1		NAVESINK RIVER RD	Street Sweeping	356575	HIGHWAY	koehlerm
8/31/2023 0:00	1	Bridge S031		BINGHAM AVE	Street Sweeping	356589	HIGHWAY	koehlerm
8/31/2023 0:00	1	Pavement 8B-1		NAVESINK AVE	Street Sweeping	356567	HIGHWAY	koehlerm
8/31/2023 0:00	1	Pavement 8A-1-B		LOCUST POINT RD	Street Sweeping	356579	HIGHWAY	koehlerm
8/31/2023 0:00	1	Pavement 8-1-B		OCEAN BLVD	Street Sweeping	356580	HIGHWAY	koehlerm
8/31/2023 0:00	1	Pavement 50-1-C	3	MIDDLETOWN LINCROFT RD	Street Sweeping	356569	HIGHWAY	koehlerm

8/31/2023 0:00	1	Pavement 12-1-B	NUTSWAMP RD	Street Sweeping	356570	HIGHWAY	koehlerm
8/31/2023 0:00	1	Pavement 8-1-E	WATERWITCH AVE	Street Sweeping	356571	HIGHWAY	koehlerm
8/31/2023 0:00	1	Pavement 10-1-B	W FRONT ST	Street Sweeping	356574	HIGHWAY	koehlerm
8/31/2023 0:00	1	Pavement 8-1-A	FIRST AVE	Street Sweeping	356576	HIGHWAY	koehlerm
8/31/2023 0:00	1	Pavement 8-1-C	BAY AVE	Street Sweeping	356577	HIGHWAY	koehlerm
8/31/2023 0:00	1	Pavement 12-1-A	HUBBARD AVE	Street Sweeping	356581	HIGHWAY	koehlerm
8/31/2023 0:00	1	Pavement 10-1-C	RIVER RD	Street Sweeping	356582	HIGHWAY	koehlerm
8/31/2023 0:00	1	Pavement 10-1-A	RIVER RD	Street Sweeping	356584	HIGHWAY	koehlerm
8/31/2023 0:00	1	Pavement 8A-1-A	LOCUST AVE	Street Sweeping	356568	HIGHWAY	koehlerm
8/31/2023 0:00	1	Pavement 8-1-D	LINDEN AVE	Street Sweeping	356572	HIGHWAY	koehlerm
8/31/2023 0:00	1	Pavement 50-1-B	KINGS HWY	Street Sweeping	356573	HIGHWAY	koehlerm
8/31/2023 0:00	1	Pavement 8-1-G	VALLEY DR	Street Sweeping	356578	HIGHWAY	koehlerm
8/31/2023 0:00	1	Pavement 50-1-A	CHURCH ST	Street Sweeping	356588	HIGHWAY	koehlerm
8/31/2023 0:00	1	Pavement 516-1-A	CHERRY TREE FARM RD	Street Sweeping	356586	HIGHWAY	koehlerm
8/31/2023 0:00	1	Pavement 50-1-D	NEW MONMOUTH RD	Street Sweeping	356587	HIGHWAY	koehlerm
8/31/2023 0:00	1	Pavement 516-1-B	LEONARDVILLE RD	Street Sweeping	356583	HIGHWAY	koehlerm
8/31/2023 0:00	1	Pavement 10-1-E	EAST RIVER RD	Street Sweeping	356585	HIGHWAY	koehlerm
8/31/2023 0:00	5	Pavement 35-5-B	COLTS NECK RD	Street Sweeping	361388	HIGHWAY	Kaciczk
8/31/2023 0:00	5	Pavement 35-5-A	N MAIN ST	Street Sweeping	361389	HIGHWAY	Kaciczk
9/1/2023 0:00	4	Pavement 49-4-C	2ND ST	Street Sweeping	353305	HIGHWAY	Ortizk
9/1/2023 0:00	4	Pavement 20-4-A	OLD BRIDGE RD	Street Sweeping	353306	HIGHWAY	Ortizk
9/1/2023 0:00	4	Pavement 49-4-D	SECOND AVE	Street Sweeping	353307	HIGHWAY	Ortizk

9/1/2023 0:00	4	Pavement 524-4-D	ALLAIRE RD	Street Sweeping	353308	HIGHWAY	Ortizk
9/1/2023 0:00	4	Pavement 49-4-A	SEA GIRT AVE	Street Sweeping	353309	HIGHWAY	Ortizk
9/1/2023 0:00	4	Pavement 524-4-C	ALLAIRE RD	Street Sweeping	353310	HIGHWAY	Ortizk
9/1/2023 0:00	4	Pavement 47-4	WARREN AVE	Street Sweeping	353311	HIGHWAY	Ortizk
9/1/2023 0:00	4	Pavement 30-4-B	EIGHTEENTH AVE	Street Sweeping	353312	HIGHWAY	Ortizk
9/1/2023 0:00	4	Pavement 20-4-D	8TH AVE	Street Sweeping	353313	HIGHWAY	Ortizk
9/1/2023 0:00	4	Pavement 18-4-B	OCEAN AVE	Street Sweeping	353314	HIGHWAY	Ortizk
9/1/2023 0:00	4	Pavement 49-4-B	WASHINGTON AVE	Street Sweeping	353315	HIGHWAY	Ortizk
9/1/2023 0:00	4	Pavement 18-4-A	BROWN AVE	Street Sweeping	353316	HIGHWAY	Ortizk
9/1/2023 0:00	4	Pavement 20-4-B	BROAD ST	Street Sweeping	353317	HIGHWAY	Ortizk
9/1/2023 0:00	4	Pavement 20-4-C	SOUTH ST	Street Sweeping	353318	HIGHWAY	Ortizk
9/1/2023 0:00	4	Pavement 48-4	RIVERVIEW DR	Street Sweeping	353319	HIGHWAY	Ortizk
9/1/2023 0:00	4	Pavement 524-4-D	ALLAIRE RD	Street Sweeping	353295	HIGHWAY	Ortizk
9/1/2023 0:00	4	Pavement 21-4-D	SQUANKUM RD	Street Sweeping	353296	HIGHWAY	Ortizk
9/1/2023 0:00	4	Pavement 524-4-A	ALLAIRE RD	Street Sweeping	353297	HIGHWAY	Ortizk
9/1/2023 0:00	4	Pavement 549-4-A	HERBERTSVILLE RD	Street Sweeping	353298	HIGHWAY	Ortizk
9/1/2023 0:00	4	Pavement 21-4-B	OLD TAVERN RD	Street Sweeping	353299	HIGHWAY	Ortizk
9/1/2023 0:00	4	Pavement 524-4-B	SQUANKUM RD	Street Sweeping	353300	HIGHWAY	Ortizk
9/1/2023 0:00	4	Pavement 549-4-B	HERBERTSVILLE RD	Street Sweeping	353301	HIGHWAY	Ortizk
9/1/2023 0:00	4	Pavement 30-4-C	W 18TH AVE	Street Sweeping	353302	HIGHWAY	Ortizk
9/1/2023 0:00	4	Pavement 547-4	LAKEWOOD-FARMINGDALE RD	Street Sweeping	353303	HIGHWAY	Ortizk
9/1/2023 0:00	4	Pavement 21-4-C	ALLENWOOD-LAKEWOOD RD	Street Sweeping	353304	HIGHWAY	Ortizk

9/1/2023 0:00	9	Non-Asset		Street Sweeping	353597	HIGHWAY	Killmern
9/1/2023 0:00	9	Pavement 524-9	ELTON ADELPHIA RD	Street Sweeping	356540	HIGHWAY	Killmern
9/1/2023 0:00	9	Pavement 55-9-A	KOZLOSKI RD	Street Sweeping	358942	HIGHWAY	Killmern
9/1/2023 0:00	9	Pavement 1-9-B	SWEETMANS LN	Street Sweeping	359221	HIGHWAY	Killmern
9/1/2023 0:00	9	Pavement 537E-9-B	CR 537	Street Sweeping	359307	HIGHWAY	Killmern
9/5/2023 0:00	5	Pavement 40A-5-B	MEMORIAL DR	Street Sweeping	353163	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 40A-5-A	MEMORIAL DR	Street Sweeping	353164	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 30-5-A	MAIN ST	Street Sweeping	353574	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 30-5-B	MAIN ST	Street Sweeping	353575	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 17-5-A	SYLVANIA AVE	Street Sweeping	353576	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 18E-5-A	BELMAR BLVD	Street Sweeping	353762	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 18E-5-B	BELMAR BLVD	Street Sweeping	353763	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 18-5-D	MEGILL RD	Street Sweeping	353764	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 18-5-B	LAKE TER	Street Sweeping	354258	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 17-5-B	EAST END AVE	Street Sweeping	354259	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 2-5-A	BRINLEY AVE	Street Sweeping	354260	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 17-5-E	NEPTUNE AVE	Street Sweeping	354261	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 18W-5-B	OCEAN AVE	Street Sweeping	354262	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 18W-5-C	OCEAN AVE	Street Sweeping	354263	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 18W-5-A	OCEAN AVE	Street Sweeping	354264	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 17-5-F	W SYLVANIA AVE	Street Sweeping	354265	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 547-5-C	ASBURY AVE	Street Sweeping	354542	HIGHWAY	Kaciczk

9/5/2023 0:00	5	Pavement 547-5-B		ASBURY AVE	Street Sweeping	354543	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 547-5-A		ASBURY AVE	Street Sweeping	354544	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 524A-5		SQUANKUM YELLOWBROOK RD	Street Sweeping	355051	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 524-5-C		ADELPHIA RD	Street Sweeping	355499	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 524-5-B		ELTON ADELPHIA RD	Street Sweeping	355500	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 524-5-A		MAIN ST	Street Sweeping	355501	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 5-5-B		ATKINS AVE	Street Sweeping	355792	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 2-5-B		SIXTH AVE	Street Sweeping	355793	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 5-5-A		STEINER AVE	Street Sweeping	355794	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 17-5-C		OLD CORLIES AVE	Street Sweeping	358202	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 17-5-D		W BANGS AVE	Street Sweeping	358203	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 18-5-A		16TH AVE	Street Sweeping	359204	HIGHWAY	Kaciczk
9/5/2023 0:00	5	Pavement 18-5-C		16TH AVE	Street Sweeping	359205	HIGHWAY	Kaciczk
9/12/2023 0:00	1	Pavement 8-1-B		OCEAN BLVD	Street Sweeping	362428	HIGHWAY	RuscettM
9/20/2023 0:00	1	Pavement 8-1-B		OCEAN BLVD	Street Sweeping	364536	HIGHWAY	RuscettM
9/20/2023 0:00	1	Pavement 8-1-G		VALLEY DR	Street Sweeping	364537	HIGHWAY	RuscettM
9/20/2023 0:00	1	Pavement 12-1-B		NUTSWAMP RD	Street Sweeping	364538	HIGHWAY	RuscettM
9/20/2023 0:00	1	Pavement 8B-1		NAVESINK AVE	Street Sweeping	364539	HIGHWAY	RuscettM
9/20/2023 0:00	1	Pavement 8A-1-A		LOCUST AVE	Street Sweeping	364540	HIGHWAY	RuscettM
9/20/2023 0:00	1	Pavement 8A-1-B		LOCUST POINT RD	Street Sweeping	364541	HIGHWAY	RuscettM
9/22/2023 0:00	5	Non-Asset			Street Sweeping	364844	HIGHWAY	Kaciczk
9/27/2023 0:00	8	Pavement 52-8-A	1	LAUREL AVE	Street Sweeping	368273	HIGHWAY	DaltiJ

9/27/2023 0:00	8	Pavement 12A-8	0.5	DWIGHT RD	Street Sweeping	368274	HIGHWAY	DaltiJ
9/27/2023 0:00	8	Pavement 52-8-C	1	LAUREL AVE	Street Sweeping	368275	HIGHWAY	DaltiJ
9/27/2023 0:00	8	Pavement 516-8-B	0.5	MIDDLE RD	Street Sweeping	368276	HIGHWAY	DaltiJ
9/27/2023 0:00	8	Pavement 52-8-E	0.1	RED HILL RD	Street Sweeping	368277	HIGHWAY	DaltiJ
9/27/2023 0:00	8	Pavement 52-8-F	0.1	RED HILL RD	Street Sweeping	368278	HIGHWAY	DaltiJ
9/27/2023 0:00	8	Pavement 516-8-C	0.5	S LAUREL AVE	Street Sweeping	368279	HIGHWAY	DaltiJ
9/27/2023 0:00	8	Pavement 52-8-D	0.25	VAN SCHOICK RD	Street Sweeping	368280	HIGHWAY	DaltiJ
9/27/2023 0:00	8	Pavement 52-8-B	0.25	VAN SCHOICK RD	Street Sweeping	368281	HIGHWAY	DaltiJ
9/27/2023 0:00	8	Pavement 39-8-A	0.3	UNION AVE	Street Sweeping	368282	HIGHWAY	DaltiJ
9/27/2023 0:00	8	Pavement 516-8-D	0.2	GREEN GROVE AVE	Street Sweeping	368283	HIGHWAY	DaltiJ
9/27/2023 0:00	9	Non-Asset			Street Sweeping	366150	HIGHWAY	Killmern
9/29/2023 0:00	1	Pavement 10-1-D		W RIVER RD	Street Sweeping	361126	HIGHWAY	koehlerm
9/29/2023 0:00	1	Pavement 8B-1		NAVESINK AVE	Street Sweeping	361127	HIGHWAY	koehlerm
9/29/2023 0:00	1	Pavement 8A-1-A		LOCUST AVE	Street Sweeping	361128	HIGHWAY	koehlerm
9/29/2023 0:00	1	Pavement 50-1-C		MIDDLETOWN LINCROFT RD	Street Sweeping	361129	HIGHWAY	koehlerm
9/29/2023 0:00	1	Pavement 12-1-B		NUTSWAMP RD	Street Sweeping	361130	HIGHWAY	koehlerm
9/29/2023 0:00	1	Pavement 8-1-E		WATERWITCH AVE	Street Sweeping	361131	HIGHWAY	koehlerm
9/29/2023 0:00	1	Pavement 8-1-D		LINDEN AVE	Street Sweeping	361132	HIGHWAY	koehlerm
9/29/2023 0:00	1	Pavement 50-1-B		KINGS HWY	Street Sweeping	361133	HIGHWAY	koehlerm
9/29/2023 0:00	1	Pavement 10-1-B		W FRONT ST	Street Sweeping	361134	HIGHWAY	koehlerm
9/29/2023 0:00	1	Pavement 12A-1		NAVESINK RIVER RD	Street Sweeping	361135	HIGHWAY	koehlerm
9/29/2023 0:00	1	Pavement 8-1-A		FIRST AVE	Street Sweeping	361136	HIGHWAY	koehlerm

9/29/2023 0:00	1	Pavement 8-1-C	BAY AVE	Street Sweeping	361137	HIGHWAY	koehlerm
9/29/2023 0:00	1	Pavement 8-1-G	VALLEY DR	Street Sweeping	361138	HIGHWAY	koehlerm
9/29/2023 0:00	1	Pavement 8A-1-B	LOCUST POINT RD	Street Sweeping	361139	HIGHWAY	koehlerm
9/29/2023 0:00	1	Pavement 8-1-B	OCEAN BLVD	Street Sweeping	361140	HIGHWAY	koehlerm
9/29/2023 0:00	1	Pavement 12-1-A	HUBBARD AVE	Street Sweeping	361141	HIGHWAY	koehlerm
9/29/2023 0:00	1	Pavement 10-1-C	RIVER RD	Street Sweeping	361142	HIGHWAY	koehlerm
9/29/2023 0:00	1	Pavement 516-1-B	LEONARDVILLE RD	Street Sweeping	361143	HIGHWAY	koehlerm
9/29/2023 0:00	1	Pavement 10-1-A	RIVER RD	Street Sweeping	361144	HIGHWAY	koehlerm
9/29/2023 0:00	1	Pavement 10-1-E	EAST RIVER RD	Street Sweeping	361145	HIGHWAY	koehlerm
9/29/2023 0:00	1	Pavement 516-1-A	CHERRY TREE FARM RD	Street Sweeping	361146	HIGHWAY	koehlerm
9/29/2023 0:00	1	Pavement 50-1-D	NEW MONMOUTH RD	Street Sweeping	361147	HIGHWAY	koehlerm
9/29/2023 0:00	1	Pavement 50-1-A	CHURCH ST	Street Sweeping	361148	HIGHWAY	koehlerm
9/29/2023 0:00	1	Building BFT-BERM	HARBOR WAY	Street Sweeping	364184	HIGHWAY	koehlerm
9/29/2023 0:00	1	Pavement 516-1-B	LEONARDVILLE RD	Street Sweeping	364794	HIGHWAY	RuscettM
9/29/2023 0:00	1	Pavement 516-1-A	CHERRY TREE FARM RD	Street Sweeping	364795	HIGHWAY	RuscettM
9/29/2023 0:00	1	Pavement 50-1-D	NEW MONMOUTH RD	Street Sweeping	364796	HIGHWAY	RuscettM
10/2/2023 0:00	5	Pavement 18-5-B	LAKE TER	Street Sweeping	361439	HIGHWAY	Kaciczk
10/2/2023 0:00	5	Pavement 18W-5-B	OCEAN AVE	Street Sweeping	361440	HIGHWAY	Kaciczk
10/2/2023 0:00	5	Pavement 18W-5-C	OCEAN AVE	Street Sweeping	361441	HIGHWAY	Kaciczk
10/2/2023 0:00	5	Pavement 21E-5-B	SOUTHARD AVE	Street Sweeping	361485	HIGHWAY	Kaciczk
10/2/2023 0:00	5	Pavement 21E-5-A	MANASSA RD	Street Sweeping	361486	HIGHWAY	Kaciczk
10/2/2023 0:00	5	Pavement 524-5-C	ADELPHIA RD	Street Sweeping	361971	HIGHWAY	Kaciczk

10/2/2023 0:00	5	Pavement 524-5-B	ELTON ADELPHIA RD	Street Sweeping	361972	HIGHWAY	Kaciczk
10/2/2023 0:00	5	Pavement 524-5-A	MAIN ST	Street Sweeping	361973	HIGHWAY	Kaciczk
10/2/2023 0:00	5	Building FA-PL	STATE HWY 33	Street Sweeping	362336	HIGHWAY	Kaciczk
10/2/2023 0:00	5	Pavement 18E-5-A	BELMAR BLVD	Street Sweeping	362337	HIGHWAY	Kaciczk
10/2/2023 0:00	5	Pavement 18E-5-B	BELMAR BLVD	Street Sweeping	362338	HIGHWAY	Kaciczk
10/2/2023 0:00	5	Building HW5-PL	CRANBERRY RD	Street Sweeping	363414	HIGHWAY	Kaciczk
10/2/2023 0:00	5	Pavement 17-5-B	EAST END AVE	Street Sweeping	363963	HIGHWAY	Kaciczk
10/2/2023 0:00	5	Pavement 17-5-E	NEPTUNE AVE	Street Sweeping	363964	HIGHWAY	Kaciczk
10/2/2023 0:00	5	Pavement 17-5-F	W SYLVANIA AVE	Street Sweeping	363965	HIGHWAY	Kaciczk
10/2/2023 0:00	5	Pavement 2-5-A	BRINLEY AVE	Street Sweeping	364180	HIGHWAY	Kaciczk
10/2/2023 0:00	5	Pavement 18W-5-A	OCEAN AVE	Street Sweeping	364181	HIGHWAY	Kaciczk
10/2/2023 0:00	5	Pavement 2-5-B	SIXTH AVE	Street Sweeping	364182	HIGHWAY	Kaciczk
10/2/2023 0:00	5	Pavement 17-5-D	W BANGS AVE	Street Sweeping	364296	HIGHWAY	Kaciczk
10/2/2023 0:00	5	Pavement 17-5-C	OLD CORLIES AVE	Street Sweeping	364523	HIGHWAY	Kaciczk
10/2/2023 0:00	5	Pavement 5-5-A	STEINER AVE	Street Sweeping	364524	HIGHWAY	Kaciczk
10/2/2023 0:00	5	Pavement 5-5-B	ATKINS AVE	Street Sweeping	364525	HIGHWAY	Kaciczk
10/2/2023 0:00	5	Pavement 547-5-C	ASBURY AVE	Street Sweeping	365006	HIGHWAY	Kaciczk
10/2/2023 0:00	5	Pavement 547-5-B	ASBURY AVE	Street Sweeping	365007	HIGHWAY	Kaciczk
10/2/2023 0:00	5	Pavement 547-5-A	ASBURY AVE	Street Sweeping	365008	HIGHWAY	Kaciczk
10/2/2023 0:00	5	Pavement 17-5-A	SYLVANIA AVE	Street Sweeping	365215	HIGHWAY	Kaciczk
10/2/2023 0:00	9	Pavement 1-9-B	SWEETMANS LN	Street Sweeping	364235	HIGHWAY	Killmern
10/2/2023 0:00	9	Pavement 527-9-H	MILLHURST RD	Street Sweeping	366212	HIGHWAY	Killmern

10/2/2023 0:00	9	Pavement 527-9-J		SWEETMANS LN	Street Sweeping	366213	HIGHWAY	Killmern
10/2/2023 0:00	9	Pavement 55-9-A		KOZLOSKI RD	Street Sweeping	366327	HIGHWAY	Killmern
10/10/2023 0:00	10	Pavement 520-10-A	0.25	NEWMAN SPRINGS RD	Street Sweeping	369265	HIGHWAY	williamsj
10/10/2023 0:00	10	Pavement 520-10-B	0.25	MAIN ST	Street Sweeping	369266	HIGHWAY	williamsj
10/10/2023 0:00	10	Pavement 520-10-C	0.25	NEWMAN SPRINGS RD	Street Sweeping	369267	HIGHWAY	williamsj
10/10/2023 0:00	10	Pavement 520-10-D	0.25	NEWMAN SPRINGS RD	Street Sweeping	369268	HIGHWAY	williamsj
10/10/2023 0:00	10	Pavement 520-10-E	0.25	MAIN ST	Street Sweeping	369269	HIGHWAY	williamsj
10/11/2023 0:00	1	Building HW1-MB		EAST RD	Street Sweeping	369301	HIGHWAY	koehlerm
10/11/2023 0:00	1	Pavement 10-1-D		W RIVER RD	Street Sweeping	369302	HIGHWAY	koehlerm
10/11/2023 0:00	1	Pavement 8B-1		NAVESINK AVE	Street Sweeping	369303	HIGHWAY	koehlerm
10/11/2023 0:00	1	Pavement 8A-1-A		LOCUST AVE	Street Sweeping	369304	HIGHWAY	koehlerm
10/11/2023 0:00	1	Pavement 50-1-C		MIDDLETOWN LINCROFT RD	Street Sweeping	369305	HIGHWAY	koehlerm
10/11/2023 0:00	1	Pavement 12-1-B		NUTSWAMP RD	Street Sweeping	369306	HIGHWAY	koehlerm
10/11/2023 0:00	1	Pavement 8-1-E		WATERWITCH AVE	Street Sweeping	369307	HIGHWAY	koehlerm
10/11/2023 0:00	1	Pavement 8-1-D		LINDEN AVE	Street Sweeping	369308	HIGHWAY	koehlerm
10/11/2023 0:00	1	Pavement 50-1-B		KINGS HWY	Street Sweeping	369309	HIGHWAY	koehlerm
10/11/2023 0:00	1	Pavement 10-1-B		W FRONT ST	Street Sweeping	369310	HIGHWAY	koehlerm
10/11/2023 0:00	1	Pavement 12A-1		NAVESINK RIVER RD	Street Sweeping	369311	HIGHWAY	koehlerm
10/11/2023 0:00	1	Pavement 8-1-A		FIRST AVE	Street Sweeping	369312	HIGHWAY	koehlerm
10/11/2023 0:00	1	Pavement 8-1-C		BAY AVE	Street Sweeping	369313	HIGHWAY	koehlerm
10/11/2023 0:00	1	Pavement 8-1-G		VALLEY DR	Street Sweeping	369314	HIGHWAY	koehlerm
10/11/2023 0:00	1	Pavement 8A-1-B		LOCUST POINT RD	Street Sweeping	369315	HIGHWAY	koehlerm

10/11/2023 0:00	1	Pavement 8-1-B		OCEAN BLVD	Street Sweeping	369316	HIGHWAY	koehlerm
10/11/2023 0:00	1	Pavement 12-1-A		HUBBARD AVE	Street Sweeping	369317	HIGHWAY	koehlerm
10/11/2023 0:00	1	Pavement 10-1-C		RIVER RD	Street Sweeping	369318	HIGHWAY	koehlerm
10/11/2023 0:00	1	Pavement 516-1-B		LEONARDVILLE RD	Street Sweeping	369319	HIGHWAY	koehlerm
10/11/2023 0:00	1	Pavement 10-1-A		RIVER RD	Street Sweeping	369320	HIGHWAY	koehlerm
10/11/2023 0:00	1	Pavement 10-1-E		EAST RIVER RD	Street Sweeping	369321	HIGHWAY	koehlerm
10/11/2023 0:00	1	Pavement 516-1-A		CHERRY TREE FARM RD	Street Sweeping	369322	HIGHWAY	koehlerm
10/11/2023 0:00	1	Pavement 50-1-D		NEW MONMOUTH RD	Street Sweeping	369323	HIGHWAY	koehlerm
10/11/2023 0:00	1	Pavement 50-1-A		CHURCH ST	Street Sweeping	369324	HIGHWAY	koehlerm
10/11/2023 0:00	8	Pavement 6-8-D	0.1	1ST ST	Street Sweeping	370345	HIGHWAY	DaltiJ
10/11/2023 0:00	8	Pavement 3-8-A	0.75	LLOYD RD	Street Sweeping	370346	HIGHWAY	DaltiJ
10/11/2023 0:00	8	Pavement 3-8-B	0.25	LLOYD RD	Street Sweeping	370347	HIGHWAY	DaltiJ
10/11/2023 0:00	8	Pavement 6-8-E	0.2	BROADWAY	Street Sweeping	370348	HIGHWAY	DaltiJ
10/11/2023 0:00	8	Pavement 516-8-D	0.2	GREEN GROVE AVE	Street Sweeping	370349	HIGHWAY	DaltiJ
10/11/2023 0:00	8	Pavement 516-8-E	0.25	MAPLE PL	Street Sweeping	370350	HIGHWAY	DaltiJ
10/11/2023 0:00	8	Pavement 516-8-B	0.5	MIDDLE RD	Street Sweeping	370351	HIGHWAY	DaltiJ
10/11/2023 0:00	8	Pavement 7-8-A	0.25	PALMER AVE	Street Sweeping	370352	HIGHWAY	DaltiJ
10/11/2023 0:00	8	Pavement 7-8-G		PALMER AVE	Street Sweeping	370353	HIGHWAY	DaltiJ
10/11/2023 0:00	8	Pavement 7-8-B		PALMER AVE	Street Sweeping	370354	HIGHWAY	DaltiJ
10/12/2023 0:00	10	Pavement 520-10-J	0.5	NEWMAN SPRINGS RD	Street Sweeping	370340	HIGHWAY	williamsj
10/12/2023 0:00	10	Pavement 520-10-L	0.5	NEWMAN SPRINGS RD	Street Sweeping	370341	HIGHWAY	williamsj
10/12/2023 0:00	10	Pavement 520-10-I		NEWMAN SPRINGS RD	Street Sweeping	370342	HIGHWAY	williamsj

10/12/2023 0:00	10	Pavement 520-10-H	0.5	NEWMAN SPRINGS RD	Street Sweeping	370343	HIGHWAY	williamsj
10/12/2023 0:00	10	Pavement 520-10-K	0.5	NEWMAN SPRINGS RD	Street Sweeping	370344	HIGHWAY	williamsj
10/12/2023 0:00	10	Pavement 54-10		PHALANX RD	Street Sweeping	370395	HIGHWAY	williamsj
10/12/2023 0:00	10	Pavement 50-10-C		SWIMMING RIVER RD	Street Sweeping	370396	HIGHWAY	williamsj
10/12/2023 0:00	10	Pavement 50-10-B		SWIMMING RIVER RD	Street Sweeping	370397	HIGHWAY	williamsj
10/12/2023 0:00	10	Pavement 50-10-A		SWIMMING RIVER RD	Street Sweeping	370398	HIGHWAY	williamsj
10/13/2023 0:00	5	Non-Asset			Street Sweeping	368953	HIGHWAY	Kaciczk
10/14/2023 0:00	1	Building BFT-PL		HARBOR WAY	Street Sweeping	370633	HIGHWAY	RuscettM
10/16/2023 0:00	1	Pavement 12A-1	3	NAVESINK RIVER RD	Street Sweeping	370849	HIGHWAY	RuscettM
10/16/2023 0:00	10	Pavement 520-10-K		NEWMAN SPRINGS RD	Street Sweeping	370739	HIGHWAY	williamsj
10/17/2023 0:00	10	Pavement 520-10-G		NEWMAN SPRINGS RD	Street Sweeping	371003	HIGHWAY	williamsj
10/19/2023 0:00	1	Pavement 10-1-C		RIVER RD	Street Sweeping	371625	HIGHWAY	RuscettM
10/19/2023 0:00	1	Pavement 10-1-A		RIVER RD	Street Sweeping	371626	HIGHWAY	RuscettM
10/19/2023 0:00	1	Pavement 10-1-D		W RIVER RD	Street Sweeping	371627	HIGHWAY	RuscettM
10/19/2023 0:00	1	Pavement 50-1-D		NEW MONMOUTH RD	Street Sweeping	371628	HIGHWAY	RuscettM
10/20/2023 0:00	10	Pavement 520-10-G	0.75	NEWMAN SPRINGS RD	Street Sweeping	371634	HIGHWAY	williamsj
10/22/2023 0:00	10	Pavement 520-10-H	0.25	NEWMAN SPRINGS RD	Street Sweeping	371674	HIGHWAY	williamsj
10/22/2023 0:00	10	Pavement 46-10-A	0.5	DUTCH LANE RD	Street Sweeping	371675	HIGHWAY	williamsj
10/22/2023 0:00	10	Pavement 46-10-B	0.5	DUTCH LANE RD	Street Sweeping	371676	HIGHWAY	williamsj
10/22/2023 0:00	10	Pavement 46-10-C	0.5	DUTCH LANE RD	Street Sweeping	371677	HIGHWAY	williamsj
10/23/2023 0:00	1	Pavement 8A-1-A	2	LOCUST AVE	Street Sweeping	371713	HIGHWAY	RuscettM
10/23/2023 0:00	1	Pavement 8B-1	1	NAVESINK AVE	Street Sweeping	371714	HIGHWAY	RuscettM

10/23/2023 0:00	1	Pavement 8-1-G	1	VALLEY DR	Street Sweeping	371715	HIGHWAY	RuscettM
10/23/2023 0:00	1	Pavement 8-1-B	2	OCEAN BLVD	Street Sweeping	371716	HIGHWAY	RuscettM
10/25/2023 0:00	1	Pavement 516-1-A	3	CHERRY TREE FARM RD	Street Sweeping	372085	HIGHWAY	RuscettM
10/25/2023 0:00	1	Pavement 50-1-D	3	NEW MONMOUTH RD	Street Sweeping	372086	HIGHWAY	RuscettM
10/25/2023 0:00	9	Pavement 55-9-A	1.5	KOZLOSKI RD	Street Sweeping	372113	HIGHWAY	Killmern
10/25/2023 0:00	9	Pavement 537E-9-A		E MAIN ST	Street Sweeping	372114	HIGHWAY	Killmern
10/26/2023 0:00	10	Pavement 4-10-B		CONOVER RD	Street Sweeping	372139	HIGHWAY	williamsj
10/26/2023 0:00	10	Pavement 4-10-C		CRINE RD	Street Sweeping	372140	HIGHWAY	williamsj
10/26/2023 0:00	10	Pavement 46-10-A		DUTCH LANE RD	Street Sweeping	372141	HIGHWAY	williamsj
10/26/2023 0:00	10	Pavement 46-10-B		DUTCH LANE RD	Street Sweeping	372142	HIGHWAY	williamsj
10/26/2023 0:00	10	Pavement 46-10-C		DUTCH LANE RD	Street Sweeping	372143	HIGHWAY	williamsj
10/27/2023 0:00	5	Pavement 18W-5-B		OCEAN AVE	Street Sweeping	365463	HIGHWAY	Kaciczk
10/31/2023 0:00	8	Non-Asset			Street Sweeping	361338	HIGHWAY	DaltiJ
11/1/2023 0:00	1	Pavement 8-1-B	5	OCEAN BLVD	Street Sweeping	372960	HIGHWAY	RuscettM
11/1/2023 0:00	1	Pavement 50-1-C	6	MIDDLETOWN LINCROFT RD	Street Sweeping	374650	HIGHWAY	RuscettM
11/1/2023 0:00	5	Pavement 18-5-A		16TH AVE	Street Sweeping	368428	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 18-5-C		16TH AVE	Street Sweeping	368429	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 18E-5-A		BELMAR BLVD	Street Sweeping	368430	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 18E-5-B		BELMAR BLVD	Street Sweeping	368431	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 30-5-A		MAIN ST	Street Sweeping	368628	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 30-5-B		MAIN ST	Street Sweeping	368629	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Building FA-PL		STATE HWY 33	Street Sweeping	369043	HIGHWAY	Kaciczk

11/1/2023 0:00	5	Building HW5-PL	CRANBERRY RD	Street Sweeping	369044	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 21E-5-A	MANASSA RD	Street Sweeping	369249	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 21E-5-B	SOUTHARD AVE	Street Sweeping	369250	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 524A-5	SQUANKUM YELLOWBROOK RD	Street Sweeping	369251	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 2-5-A	BRINLEY AVE	Street Sweeping	370189	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 17-5-A	SYLVANIA AVE	Street Sweeping	370190	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 524-5-A	MAIN ST	Street Sweeping	370392	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 524-5-B	ELTON ADELPHIA RD	Street Sweeping	370393	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 524-5-C	ADELPHIA RD	Street Sweeping	370394	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 18W-5-B	OCEAN AVE	Street Sweeping	370555	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 18W-5-C	OCEAN AVE	Street Sweeping	370556	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 18W-5-A	OCEAN AVE	Street Sweeping	370557	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 18-5-B	LAKE TER	Street Sweeping	370558	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 547-5-C	ASBURY AVE	Street Sweeping	370780	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 547-5-B	ASBURY AVE	Street Sweeping	370781	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 547-5-A	ASBURY AVE	Street Sweeping	370782	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 17-5-B	EAST END AVE	Street Sweeping	370975	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 17-5-E	NEPTUNE AVE	Street Sweeping	370976	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 17-5-F	W SYLVANIA AVE	Street Sweeping	370977	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 5-5-B	ATKINS AVE	Street Sweeping	372010	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 2-5-B	SIXTH AVE	Street Sweeping	372011	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 5-5-A	STEINER AVE	Street Sweeping	372012	HIGHWAY	Kaciczk

11/1/2023 0:00	5	Pavement 35-5-B		COLTS NECK RD	Street Sweeping	372431	HIGHWAY	Kaciczk
11/1/2023 0:00	5	Pavement 35-5-A		N MAIN ST	Street Sweeping	372432	HIGHWAY	Kaciczk
11/1/2023 0:00	9	Pavement 55-9-A	2	KOZLOSKI RD	Street Sweeping	371914	HIGHWAY	Killmern
11/1/2023 0:00	9	Pavement 537E-9-B	1.5	CR 537	Street Sweeping	371915	HIGHWAY	Killmern
11/1/2023 0:00	9	Pavement 537E-9-B		CR 537	Street Sweeping	372445	HIGHWAY	Killmern
11/1/2023 0:00	9	Pavement 23-9		JACKSON MILLS RD	Street Sweeping	372447	HIGHWAY	Killmern
11/3/2023 0:00	1	Pavement 516-1-B		LEONARDVILLE RD	Street Sweeping	372528	HIGHWAY	RuscettM
11/3/2023 0:00	10	Pavement 46-10-A	1.25	DUTCH LANE RD	Street Sweeping	373946	HIGHWAY	williamsj
11/3/2023 0:00	10	Pavement 46-10-B	1.25	DUTCH LANE RD	Street Sweeping	373947	HIGHWAY	williamsj
11/6/2023 0:00	1	Pavement 12A-1		NAVESINK RIVER RD	Street Sweeping	374306	HIGHWAY	RuscettM
11/6/2023 0:00	6	Pavement 13B-6-A		CHURCH ST	Street Sweeping	374239	HIGHWAY	annunzif
11/6/2023 0:00	6	Pavement 13B-6-B		PROSPECT AVE	Street Sweeping	374240	HIGHWAY	annunzif
11/6/2023 0:00	6	Bridge E013		OCEANPORT AVE	Street Sweeping	374241	HIGHWAY	annunzif
11/6/2023 0:00	7	Pavement 27-7-B		HOLMES MILL RD	Street Sweeping	374320	HIGHWAY	mcaninchj
11/6/2023 0:00	7	Pavement 539-7-C		Trenton-Forked River Rd	Street Sweeping	374321	HIGHWAY	mcaninchj
11/8/2023 0:00	7	Pavement 524-7-A		S MAIN ST	Street Sweeping	374600	HIGHWAY	mcaninchj
11/13/2023 0:00	10	Pavement 4-10-B	1.5	CONOVER RD	Street Sweeping	374773	HIGHWAY	williamsj
11/13/2023 0:00	10	Pavement 4-10-C	1.5	CRINE RD	Street Sweeping	374774	HIGHWAY	williamsj
11/13/2023 0:00	10	Pavement 46-10-A	1.5	DUTCH LANE RD	Street Sweeping	374775	HIGHWAY	williamsj
11/13/2023 0:00	10	Pavement 520-10-B	1	MAIN ST	Street Sweeping	374791	HIGHWAY	williamsj
11/13/2023 0:00	10	Pavement 520-10-C	1	NEWMAN SPRINGS RD	Street Sweeping	374792	HIGHWAY	williamsj
11/13/2023 0:00	10	Pavement 520-10-D	1	NEWMAN SPRINGS RD	Street Sweeping	374793	HIGHWAY	williamsj

11/13/2023 0:00	10	Pavement 520-10-E	1	MAIN ST	Street Sweeping	374794	HIGHWAY	williamsj
11/14/2023 0:00	10	Pavement 46-10-C	0.5	DUTCH LANE RD	Street Sweeping	375169	HIGHWAY	williamsj
11/14/2023 0:00	10	Pavement 46-10-B	0.5	DUTCH LANE RD	Street Sweeping	375170	HIGHWAY	williamsj
11/20/2023 0:00	10	Pavement 46-10-A	0.5	DUTCH LANE RD	Street Sweeping	375647	HIGHWAY	williamsj
11/20/2023 0:00	10	Pavement 4-10-C	0.5	CRINE RD	Street Sweeping	375648	HIGHWAY	williamsj
11/20/2023 0:00	10	Pavement 4-10-B	1	CONOVER RD	Street Sweeping	375649	HIGHWAY	williamsj
11/20/2023 0:00	10	Pavement 4-10-E	0.5	HOLMDEL RD	Street Sweeping	375660	HIGHWAY	williamsj
11/20/2023 0:00	10	Pavement 4-10-D	1	HOLMDEL RD	Street Sweeping	375661	HIGHWAY	williamsj
11/20/2023 0:00	10	Pavement 520-10-G	1.25	NEWMAN SPRINGS RD	Street Sweeping	375723	HIGHWAY	williamsj
11/28/2023 0:00	10	Pavement 46-10-C	0.75	DUTCH LANE RD	Street Sweeping	376429	HIGHWAY	williamsj
11/28/2023 0:00	10	Pavement 46-10-B	0.75	DUTCH LANE RD	Street Sweeping	376430	HIGHWAY	williamsj
11/28/2023 0:00	10	Pavement 46-10-A	0.75	DUTCH LANE RD	Street Sweeping	376431	HIGHWAY	williamsj
12/1/2023 0:00	4	Pavement 49-4-C		2ND ST	Street Sweeping	373237	HIGHWAY	Brownr
12/1/2023 0:00	4	Pavement 20-4-A		OLD BRIDGE RD	Street Sweeping	373238	HIGHWAY	Brownr
12/1/2023 0:00	4	Pavement 49-4-D		SECOND AVE	Street Sweeping	373239	HIGHWAY	Brownr
12/1/2023 0:00	4	Pavement 49-4-A		SEA GIRT AVE	Street Sweeping	373240	HIGHWAY	Brownr
12/1/2023 0:00	4	Pavement 47-4		WARREN AVE	Street Sweeping	373241	HIGHWAY	Brownr
12/1/2023 0:00	4	Pavement 48-4		RIVERVIEW DR	Street Sweeping	373242	HIGHWAY	Brownr
12/1/2023 0:00	4	Pavement 30-4-B		EIGHTEENTH AVE	Street Sweeping	373243	HIGHWAY	Brownr
12/1/2023 0:00	4	Pavement 20-4-D		8TH AVE	Street Sweeping	373244	HIGHWAY	Brownr
12/1/2023 0:00	4	Pavement 18-4-B		OCEAN AVE	Street Sweeping	373245	HIGHWAY	Brownr
12/1/2023 0:00	4	Pavement 49-4-B		WASHINGTON AVE	Street Sweeping	373246	HIGHWAY	Brownr

12/1/2023 0:00	4	Pavement 18-4-A		BROWN AVE	Street Sweeping	373247	HIGHWAY	Brownr
12/1/2023 0:00	4	Pavement 20-4-B		BROAD ST	Street Sweeping	373248	HIGHWAY	Brownr
12/1/2023 0:00	4	Pavement 20-4-C		SOUTH ST	Street Sweeping	373249	HIGHWAY	Brownr
12/1/2023 0:00	4	Pavement 524S-4-A		ATLANTIC AVE	Street Sweeping	373250	HIGHWAY	Brownr
12/1/2023 0:00	4	Pavement 524S-4-B		ATLANTIC AVE	Street Sweeping	373251	HIGHWAY	Brownr
12/1/2023 0:00	4	Pavement 524-4-D		ALLAIRE RD	Street Sweeping	373227	HIGHWAY	Brownr
12/1/2023 0:00	4	Pavement 21-4-D		SQUANKUM RD	Street Sweeping	373228	HIGHWAY	Brownr
12/1/2023 0:00	4	Pavement 524-4-A		ALLAIRE RD	Street Sweeping	373229	HIGHWAY	Brownr
12/1/2023 0:00	4	Pavement 549-4-A		HERBERTSVILLE RD	Street Sweeping	373230	HIGHWAY	Brownr
12/1/2023 0:00	4	Pavement 21-4-B		OLD TAVERN RD	Street Sweeping	373231	HIGHWAY	Brownr
12/1/2023 0:00	4	Pavement 524-4-B		SQUANKUM RD	Street Sweeping	373232	HIGHWAY	Brownr
12/1/2023 0:00	4	Pavement 549-4-B		HERBERTSVILLE RD	Street Sweeping	373233	HIGHWAY	Brownr
12/1/2023 0:00	4	Pavement 30-4-C		W 18TH AVE	Street Sweeping	373234	HIGHWAY	Brownr
12/1/2023 0:00	4	Pavement 21-4-C		ALLENWOOD-LAKEWOOD RD	Street Sweeping	373235	HIGHWAY	Brownr
12/1/2023 0:00	4	Pavement 547-4		LAKEWOOD-FARMINGDALE RD	Street Sweeping	373236	HIGHWAY	Brownr
12/1/2023 0:00	5	Pavement 547-5-C		ASBURY AVE	Street Sweeping	374231	HIGHWAY	Kaciczk
12/1/2023 0:00	5	Pavement 547-5-B		ASBURY AVE	Street Sweeping	374232	HIGHWAY	Kaciczk
12/1/2023 0:00	5	Pavement 547-5-A		ASBURY AVE	Street Sweeping	374233	HIGHWAY	Kaciczk
12/1/2023 0:00	5	Pavement 18W-5-B		OCEAN AVE	Street Sweeping	376037	HIGHWAY	Kaciczk
12/1/2023 0:00	9	Pavement 524-9		ELTON ADELPHIA RD	Street Sweeping	374234	HIGHWAY	Kaciczk
12/4/2023 0:00	9	Pavement 55-9-A	2	KOZLOSKI RD	Street Sweeping	375581	HIGHWAY	Killmern
12/6/2023 0:00	1	Pavement 8A-1-A	5	LOCUST AVE	Street Sweeping	374631	HIGHWAY	RuscettM

12/6/2023 0:00	1	Pavement 8A-1-B	5	LOCUST POINT RD	Street Sweeping	374632	HIGHWAY	RuscettM
12/6/2023 0:00	1	Pavement 12A-1	5	NAVESINK RIVER RD	Street Sweeping	374633	HIGHWAY	RuscettM
12/21/2023 0:00	10	Pavement 46-10-B	1	DUTCH LANE RD	Street Sweeping	380922	HIGHWAY	williamsj
12/21/2023 0:00	10	Pavement 46-10-C	0.5	DUTCH LANE RD	Street Sweeping	380923	HIGHWAY	williamsj
12/21/2023 0:00	10	Pavement 46-10-A	0.5	DUTCH LANE RD	Street Sweeping	380924	HIGHWAY	williamsj
12/21/2023 0:00	10	Pavement 46-10-B	0.5	DUTCH LANE RD	Street Sweeping	380928	HIGHWAY	williamsj
12/21/2023 0:00	10	Pavement 46-10-C	1	DUTCH LANE RD	Street Sweeping	380929	HIGHWAY	williamsj
12/21/2023 0:00	10	Pavement 46-10-A	0.5	DUTCH LANE RD	Street Sweeping	380930	HIGHWAY	williamsj
12/22/2023 0:00	1	Pavement 8-1-A		FIRST AVE	Street Sweeping	381545	HIGHWAY	RuscettM
12/22/2023 0:00	1	Bridge S031		BINGHAM AVE	Street Sweeping	381546	HIGHWAY	RuscettM
1/2/2024 0:00	1	Pavement 12A-1		NAVESINK RIVER RD	Street Sweeping	376038	HIGHWAY	RuscettM
1/2/2024 0:00	1	Building BFT-PL		HARBOR WAY	Street Sweeping	382119	HIGHWAY	RuscettM
1/2/2024 0:00	5	Pavement 18W-5-B		OCEAN AVE	Street Sweeping	380553	HIGHWAY	Kaciczk
1/2/2024 0:00	9	Pavement 522-9-G		FREEHOLD ENGLISHTOWN RD	Street Sweeping	378215	HIGHWAY	Killmern
1/2/2024 0:00	9	Pavement 537E-9-B		CR 537	Street Sweeping	378217	HIGHWAY	Killmern
1/2/2024 0:00	9	Pavement 3-9-A	2	TENNENT RD	Street Sweeping	378439	HIGHWAY	Killmern
1/2/2024 0:00	9	Pavement 3-9-B		Main St Tennent	Street Sweeping	378440	HIGHWAY	Killmern
1/2/2024 0:00	9	Pavement 537E-9-B		CR 537	Street Sweeping	380723	HIGHWAY	Killmern
1/2/2024 0:00	9	Pavement 537E-9-A		E MAIN ST	Street Sweeping	380724	HIGHWAY	Killmern
1/2/2024 0:00	9	Pavement 537W-9-B		W MAIN ST	Street Sweeping	380725	HIGHWAY	Killmern
1/26/2024 0:00	7	Building HW7-PL	1	CR 539	Street Sweeping	346985	HIGHWAY	Toporeks
1/26/2024 0:00	7	Pavement 526-7-A	1	CHURCH ST	Street Sweeping	360086	HIGHWAY	Toporeks

1/26/2024 0:00	7	Pavement 539-7-C	3	Trenton-Forked River Rd	Street Sweeping	377922	HIGHWAY	Toporeks
2/16/2024 0:00	9	Pavement 537E-9-B		CR 537	Street Sweeping	380555	HIGHWAY	Killmern
2/16/2024 0:00	9	Non-Asset			Street Sweeping	380557	HIGHWAY	Killmern
	9	Pavement 524-9		ELTON ADELPHIA RD	Street Sweeping	346956	HIGHWAY	Killmern
	9	Pavement 537E-9-A		E MAIN ST	Street Sweeping	375582	HIGHWAY	Killmern

Exhibit 6 – Street Sweepings Disposal Records

MONMOUTH COUNTY RECLAMATION CENTER
TINTON FALLS, NJ

Mailing address: 6000 Asbury Avenue
Neptune, NJ 07753
http://visitmonmouth.com

Hours of Operation
Mon-Fri: 7:00AM - 3:30 PM
Sat: 7:00AM - 2:00 PM
Closed on Sundays

SMOKING IS PROHIBITED SITE-WIDE
FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2190141

MONM040704 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
4
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$73.03

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
2/28/2024	10:39:00 Scale2	JOY	10:57:25 DW7RECAD04112	JLF	54580 lb Scale 2 27.2900 Tons	44620 lb Scale 4 22.3100 Tons	9960 lb 4.9800 Tons

Vehicle No.	Type	Plate	DEP Info
8226AP	OPEN 30	CG12774	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
4.9800	CM2	Street Sweepings - Cnty Tr Wall Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
At all times while on MCRC Property

TO OUR VALUED CUSTOMERS: PLEASE BE CAREFUL - DUMPING IS AT YOUR OWN RISK

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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2193323

MONM040704 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST # 4
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance: $73.03

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
3/12/2024	07:33:53 Scale2	JOY	08:12:42 DW7RECAD04112	JLF	60700 lb Scale 2 30.3500 Tons	40240 lb Scale 4 20.1200 Tons	20460 lb 10.2300 Tons

Vehicle No.	Type	Plate	DEP Info
8226AP	OPEN 30	CG12774	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
10.2300	CM2	Street Sweepings - Cnty Tr Wall Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2199896

MONM040704 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST # 4
KOZLOSKI RD AND CENTER ST
FREEHOLD, NJ07728-

Driver:

Current Account Balance: $83.35

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
4/3/2024	13:38:30 Scale1	AAW	13:57:31 DW7RECAD04112	JLF	65280 lb Scale 1 32.6400 Tons	40220 lb Scale 4 20.1100 Tons	25060 lb 12.5300 Tons

Vehicle No.	Type	Plate	DEP Info
CG12774	OPEN 30	AF R22	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
12.5300	CM2	Street Sweepings - Cnty Tr Wall Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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Neptune, NJ 07753

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Mon-Fri: 7:00AM - 3:30 PM
Sat: 7:00AM - 2:00 PM
Closed on Sundays

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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2210151

MONM040704 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
4
KOZLOSKI RD AND CENTER ST
FREEHOLD, NJ07728-

Driver:

Current Account Balance:
$32.19

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
5/7/2024	11:01:24 Scale2	JOY	11:28:29 DW7RECAD04112	JLF	64780 lb Scale 2 32.3900 Tons	40960 lb Scale 4 20.4800 Tons	23820 lb 11.9100 Tons

Vehicle No.	Type	Plate	DEP Info
CG12773	OPEN 30	CG12773	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
11.9100	CM2	Street Sweepings - Cnty Tr Wall Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2214178

MONM040704 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
4
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$32.19

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
5/20/2024	11:53:00 Scale1	AAW	12:54:29 W7RECAD04108	JOY	64700 lb Scale 1 32.3500 Tons	41100 lb Scale 3 20.5500 Tons	23600 lb 11.8000 Tons

Vehicle No.	Type	Plate	DEP Info
CG12773	OPEN 30	CG12773	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
11.8000	CM2	Street Sweepings - Cnty Tr Wall Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2214036

MONM040704 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
4
KOZLOSKI RD AND CENTER ST
FREEHOLD, NJ07728-

Driver:

Current Account Balance:
$32.19

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
5/20/2024	10:27:19 Scale2	JOY	10:45:59 W7RECAD04108	JOY	56580 lb Scale 2 28.2900 Tons	40040 lb Scale 3 20.0200 Tons	16540 lb 8.2700 Tons

Vehicle No.	Type	Plate	DEP Info
CG12773	BRIELLE P. WC	CG12773	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
8.2700	CM2	Street Sweepings - Cnty Tr Brielle Boro (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
At all times while on MCRC Property
TO OUR VALUED CUSTOMERS: PLEASE BE CAREFUL - DUMPING IS AT YOUR OWN RISK

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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2219190

MONM040704 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST # 4
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance: $10.99

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
6/4/2024	13:02:43 Scale2	JOY	13:21:23 DW7RECAD04112	JLF	68460 lb Scale 2 34.2300 Tons	41040 lb Scale 4 20.5200 Tons	27420 lb 13.7100 Tons

Vehicle No.	Type	Plate	DEP Info
CG12773	OPEN 30	CG12773	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
13.7100	CM2	Street Sweepings - Cnty Tr Wall Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
At all times while on MCRC Property
TO OUR VALUED CUSTOMERS: PLEASE BE CAREFUL - DUMPING IS AT YOUR OWN *RISK*

MONMOUTH COUNTY RECLAMATION CENTER
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Mon-Fri: 7:00AM - 3:30 PM
Sat: 7:00AM - 2:00 PM
Closed on Sundays

SMOKING IS PROHIBITED SITE-WIDE
FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2229936

MONM040704 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST # 4
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance: $10.99

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
7/8/2024	13:58:02)W11SCALES52XS	AAW	14:44:19)W11SCALES52ZI	JLF	77360 lb Scale 1 38.6800 Tons	40960 lb Scale 4 20.4800 Tons	36400 lb 18.2000 Tons

Vehicle No.	Type	Plate	DEP Info
CG12773	OPEN 30	CG12773	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
18.2000	CM2	Street Sweepings - Cnty Tr Wall Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
At all times while on MCRC Property
TO OUR VALUED CUSTOMERS: PLEASE BE CAREFUL - DUMPING IS AT YOUR OWN RISK

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Sat: 7:00AM - 2:00 PM
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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2238785

MONM040704 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
4
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$17.43

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
8/6/2024	07:22:39)W11SCALES52XS	AAW	08:07:21 W11SCALES52ZI	JLF	59800 lb Scale 1 29.9000 Tons	41480 lb Scale 4 20.7400 Tons	18320 lb 9.1600 Tons

Vehicle No.	Type	Plate	DEP Info
CG12773	OPEN 30	CG12773	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
9.1600	CM2	Street Sweepings - Cnty Tr Wall Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
At all times while on MCRC Property
TO OUR VALUED CUSTOMERS: PLEASE BE CAREFUL - DUMPING IS AT YOUR OWN RISK

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Sat: 7:00AM - 2:00 PM
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SMOKING IS PROHIBITED SITE-WIDE
FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2248585

MONM040702 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #

KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$117.44

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
9/10/2024	07:10:06 DW11SCALES52XS	AAW	07:35:48 W11SCALES52ZI	JLF	48120 lb Scale 1 24.0600 Tons	39520 lb Scale 4 19.7600 Tons	8600 lb 4.3000 Tons

Vehicle No.	Type	Plate	DEP Info
CG12773	OPEN 20	CG12773	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
4.3000	CM2	Street Sweepings - Cnty Tr Brielle Boro (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
At all times while on MCRC Property
TO OUR VALUED CUSTOMERS: PLEASE BE CAREFUL - DUMPING IS AT YOUR OWN RISK

MONMOUTH COUNTY RECLAMATION CENTER
TINTON FALLS, NJ

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Neptune, NJ 07753
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Hours of Operation
Mon-Fri: 7:00AM - 3:30 PM
Sat: 7:00AM - 2:00 PM
Closed on Sundays

SMOKING IS PROHIBITED SITE-WIDE
FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2249320

MONM040704 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST # 4
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance: $8.88

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
9/12/2024	07:44:35 0W11SCALES52XS	AAW	08:50:27 W11SCALES52ZI	JLF	58080 lb Scale 1 29.0400 Tons	41520 lb Scale 4 20.7600 Tons	16560 lb 8.2800 Tons

Vehicle No.	Type	Plate	DEP Info
CG12773	OPEN 30	CG12773	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
8.2800	CM2	Street Sweepings - Cnty Tr Wall Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
At all times while on MCRC Property
TO OUR VALUED CUSTOMERS: PLEASE BE CAREFUL - DUMPING IS AT YOUR OWN RISK

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SMOKING IS PROHIBITED SITE-WIDE
FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2250672

MONM040704 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST # 4
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance: $8.88

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
9/17/2024	07:43:03)W11SCALES52XS	AAW	08:07:46)W11SCALES52Z	JOY	40760 lb Scale 1 20.3800 Tons	39220 lb Scale 3 19.6100 Tons	1540 lb 0.7700 Tons

Vehicle No.	Type	Plate	DEP Info
CG12773	OPEN 20	CG12773	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
0.7700	CM2	Street Sweepings - Cnty Tr Wall Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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TO OUR VALUED CUSTOMERS: PLEASE BE CAREFUL - DUMPING IS AT YOUR OWN RISK

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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2257994

MONM040704 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST # 4
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance: $27.08

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
10/10/2024	14:14:12 DW11SCALES52XS	AAW	14:33:25 W11SCALES52ZI	JLF	76480 lb Scale 1 38.2400 Tons	39540 lb Scale 4 19.7700 Tons	36940 lb 18.4700 Tons

Vehicle No.	Type	Plate	DEP Info
CG13291	OPEN 30	CG13291	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
18.4700	CM2	Street Sweepings - Cnty Tr Wall Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
At all times while on MCRC Property
TO OUR VALUED CUSTOMERS: PLEASE BE CAREFUL - DUMPING IS AT YOUR OWN RISK

MONMOUTH COUNTY RECLAMATION CENTER
TINTON FALLS, NJ

Mailing address: 6000 Asbury Avenue
Neptune, NJ 07753
http://visitmonmouth.com/reclamation

Hours of Operation
Mon-Fri: 7:00AM - 3:30 PM
Sat: 7:00AM - 2:00 PM
Closed on Sundays

SMOKING IS PROHIBITED SITE-WIDE
FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2262839

MONM040704 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
4
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$27.08

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
10/30/2024	09:33:30)W11SCALES52XS	AAW	10:00:19)W11SCALES52ZI	JLF	48740 lb Scale 1 24.3700 Tons	39480 lb Scale 4 19.7400 Tons	9260 lb 4.6300 Tons

Vehicle No.	Type	Plate	DEP Info
CG13291	OPEN 30	CG13291	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
4.6300	CM2	Street Sweepings - Cnty Tr Wall Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
At all times while on MCRC Property
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Hours of Operation
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SMOKING IS PROHIBITED SITE-WIDE
FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2268447

MONM040704 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST # 4
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance: $35.18

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
11/20/2024	07:21:23 DW11SCALES52XS	AAW	07:40:28 W11SCALES52ZI	JLF	46880 lb Scale 1 23.4400 Tons	39580 lb Scale 4 19.7900 Tons	7300 lb 3.6500 Tons

Vehicle No.	Type	Plate	DEP Info
CG13291	OPEN 30	CG13291	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
3.6500	CM2	Street Sweepings - Cnty Tr Wall Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2179767

MONM040708 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
8
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$15.10

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
1/9/2024	08:35:37 Scale2	JOY	08:54:36 DW7RECAD04112	JLF	55540 lb Scale 2 27.7700 Tons	28940 lb Scale 4 14.4700 Tons	26600 lb 13.3000 Tons

Vehicle No.	Type	Plate	DEP Info
CG3ACP	DUMPER 25	DIST # 8	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
13.3000	CM2	Street Sweepings - Cnty Tr Hazlet Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2179822

MONM040708 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
8
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$15.10

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
1/9/2024	10:28:26 Scale1	AAW	10:46:56 W7RECAD04108	JOY	54200 lb Scale 1 27.1000 Tons	28980 lb Scale 3 14.4900 Tons	25220 lb 12.6100 Tons

Vehicle No.	Type	Plate	DEP Info
CG3ACP	DUMPER 25	DIST # 8	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
12.6100	CM2	Street Sweepings - Cnty Tı Hazlet Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2191331

MONM040708 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
8
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$36.97

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
3/4/2024	12:33:11 Scale1	AAW	12:52:39 DW7RECAD04112	JLF	49980 lb Scale 1 24.9900 Tons	29020 lb Scale 4 14.5100 Tons	20960 lb 10.4800 Tons

Vehicle No.	Type	Plate	DEP Info
CG1CCD	DUMPER 25	CG1CCD	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
10.4800	CM2	Street Sweepings - Cnty Tr Hazlet Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2191129

MONM040708 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST # 8
KOZLOSKI RD AND CENTER ST
FREEHOLD, NJ07728-

Driver:

Current Account Balance: $36.97

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
3/4/2024	09:07:39 Scale1	AAW	09:22:30 DW7RECAD04112	JLF	66720 lb Scale 1 33.3600 Tons	29200 lb Scale 4 14.6000 Tons	37520 lb 18.7600 Tons

Vehicle No.	Type	Plate	DEP Info
CG1CCD	DUMPER 25	CG1CCD	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
18.7600	CM2	Street Sweepings - Cnty Tr Hazlet Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2191213

MONM040708 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
8
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$36.97

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
3/4/2024	10:50:27 Scale2	JOY	11:04:25 DW7RECAD04112	JLF	56720 lb Scale 2 28.3600 Tons	29140 lb Scale 4 14.5700 Tons	27580 lb 13.7900 Tons

Vehicle No.	Type	Plate	DEP Info
CG1CCD	DUMPER 25	CG1CCD	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
13.7900	CM2	Street Sweepings - Cnty Tr Hazlet Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2197685

MONM040708 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
8
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$50.96

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
3/26/2024	13:09:44 Scale1	AAW	13:24:19 DW7RECAD04112	JLF	64880 lb Scale 1 32.4400 Tons	28960 lb Scale 4 14.4800 Tons	35920 lb 17.9600 Tons

Vehicle No.	Type	Plate	DEP Info
CG1CCD	DUMPER 25	CG1CCD	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
17.9600	CM2	Street Sweepings - Cnty Tr Hazlet Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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RECEIPT DOCUMENT NUMBER

2197971

MONM040708 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
8
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$50.96

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
3/27/2024	10:56:27 Scale1	AAW	11:10:29 DW7RECAD04112	JLF	62000 lb Scale 1 31.0000 Tons	29200 lb Scale 4 14.6000 Tons	32800 lb 16.4000 Tons

Vehicle No.	Type	Plate	DEP Info
CG1CCD	DUMPER 25	CG1CCD	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
16.4000	CM2	Street Sweepings - Cnty Tr Hazlet Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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TINTON FALLS, NJ

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Hours of Operation
Mon-Fri: 7:00AM - 3:30 PM
Sat: 7:00AM - 2:00 PM
Closed on Sundays

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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2198064

MONM040708 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
8
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$50.96

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
3/27/2024	13:23:58 Scale2	JOY	13:37:24 DW7RECAD04112	JLF	38100 lb Scale 2 19.0500 Tons	29140 lb Scale 4 14.5700 Tons	8960 lb 4.4800 Tons

Vehicle No.	Type	Plate	DEP Info
CG1CCD	DUMPER 25	CG1CCD	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
4.4800	CM2	Street Sweepings - Cnty Tr Hazlet Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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Mon-Fri: 7:00AM - 3:30 PM
Sat: 7:00AM - 2:00 PM
Closed on Sundays

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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2197898

MONM040708 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
8
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$50.96

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
3/27/2024	09:10:36 Scale2	JOY	09:24:07 DW7RECAD04112	JLF	57940 lb Scale 2 28.9700 Tons	29260 lb Scale 4 14.6300 Tons	28680 lb 14.3400 Tons

Vehicle No.	Type	Plate	DEP Info
CG1CCD	DUMPER 25	CG1CCD	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
14.3400	CM2	Street Sweepings - Cnty Tr Hazlet Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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RECEIPT DOCUMENT NUMBER

2197556

MONM040708 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
8
KOZLOSKI RD AND CENTER ST
FREEHOLD, NJ07728-

Driver:

Current Account Balance:
$50.96

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
3/26/2024	10:49:39 Scale1	AAW	11:03:59 DW7RECAD04112	JLF	67080 lb Scale 1 33.5400 Tons	29020 lb Scale 4 14.5100 Tons	38060 lb 19.0300 Tons

Vehicle No.	Type	Plate	DEP Info
CG1CCD	DUMPER 25	CG1CCD	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
19.0300	CM2	Street Sweepings - Cnty Tr Hazlet Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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RECEIPT DOCUMENT NUMBER

2199433

MONM040708 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
8
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$50.96

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
4/2/2024	08:50:01 Scale1	AAW	09:06:54 DW7RECAD04112	JLF	45120 lb Scale 1 22.5600 Tons	29140 lb Scale 4 14.5700 Tons	15980 lb 7.9900 Tons

Vehicle No.	Type	Plate	DEP Info
CG1CCD	DUMPER 25	CG1CCD	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
7.9900	CM2	Street Sweepings - Cnty Tr Hazlet Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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RECEIPT DOCUMENT NUMBER

2212625

MONM040708 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
8
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$28.98

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
5/15/2024	08:40:30 Scale2	JOY	08:57:21 DW7RECAD04112	JLF	59940 lb Scale 2 29.9700 Tons	28840 lb Scale 4 14.4200 Tons	31100 lb 15.5500 Tons

Vehicle No.	Type	Plate	DEP Info
CG3ACP	DUMPER 25	DIST # 8	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
15.5500	CM2	Street Sweepings - Cnty Tr Hazlet Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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RECEIPT DOCUMENT NUMBER

2212798

MONM040708 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
8
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$28.98

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
5/15/2024	13:01:04 Scale2	JOY	13:16:32 DW7RECAD04112	JLF	55900 lb Scale 2 27.9500 Tons	28720 lb Scale 4 14.3600 Tons	27180 lb 13.5900 Tons

Vehicle No.	Type	Plate	DEP Info
CG3ACP	DUMPER 25	DIST # 8	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
13.5900	CM2	Street Sweepings - Cnty Tr Hazlet Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2212695

MONM040708 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
8
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$28.98

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
5/15/2024	10:25:35 Scale2	JOY	10:39:41 DW7RECAD04112	JLF	56160 lb Scale 2 28.0800 Tons	28780 lb Scale 4 14.3900 Tons	27380 lb 13.6900 Tons

Vehicle No.	Type	Plate	DEP Info
CG3ACP	DUMPER 25	DIST # 8	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
13.6900	CM2	Street Sweepings - Cnty Tr Hazlet Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2220669

MONM040708 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
8
KOZLOSKI RD AND CENTER ST
FREEHOLD, NJ07728-

Driver:

Current Account Balance:
$14.65

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
6/10/2024	08:08:59 Scale2	JOY	08:23:04 DW7RECAD04112	JLF	62660 lb Scale 2 31.3300 Tons	28640 lb Scale 4 14.3200 Tons	34020 lb 17.0100 Tons

Vehicle No.	Type	Plate	DEP Info
CG3ACP	DUMPER 25	DIST # 8	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
17.0100	CM2	Street Sweepings - Cnty Tr Hazlet Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
At all times while on MCRC Property
TO OUR VALUED CUSTOMERS: PLEASE BE CAREFUL - DUMPING IS AT YOUR OWN RISK

MONMOUTH COUNTY RECLAMATION CENTER
TINTON FALLS, NJ

Mailing address: 6000 Asbury Avenue
Neptune, NJ 07753
http://visitmonmouth.com

Hours of Operation
Mon-Fri: 7:00AM - 3:30 PM
Sat: 7:00AM - 2:00 PM
Closed on Sundays

SMOKING IS PROHIBITED SITE-WIDE
FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2220735

MONM040708 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
8
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$14.65

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
6/10/2024	09:44:33 Scale2	JOY	09:58:07 DW7RECAD04112	JLF	61580 lb Scale 2 30.7900 Tons	28620 lb Scale 4 14.3100 Tons	32960 lb 16.4800 Tons

Vehicle No.	Type	Plate	DEP Info
CG3ACP	DUMPER 25	DIST # 8	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
16.4800	CM2	Street Sweepings - Cnty Tr Hazlet Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
At all times while on MCRC Property
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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2220821

MONM040708 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
8
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$14.65

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
6/10/2024	11:14:16 Scale1	AAW	11:25:49 DW7RECAD04112	JLF	55920 lb Scale 1 27.9600 Tons	28580 lb Scale 4 14.2900 Tons	27340 lb 13.6700 Tons

Vehicle No.	Type	Plate	DEP Info
CG3ACP	DUMPER 25	DIST # 8	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
13.6700	CM2	Street Sweepings - Cnty Tr Hazlet Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
At all times while on MCRC Property
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Sat: 7:00AM - 2:00 PM
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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2220915

MONM040708 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
8
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$14.65

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
6/10/2024	12:47:58 Scale2	JOY	12:59:30 DW7RECAD04112	JLF	55840 lb Scale 2 27.9200 Tons	28540 lb Scale 4 14.2700 Tons	27300 lb 13.6500 Tons

Vehicle No.	Type	Plate	DEP Info
CG3ACP	DUMPER 25	DIST # 8	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
13.6500	CM2	Street Sweepings - Cnty Tr Hazlet Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2220034

MONM040708 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
8
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$14.65

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
6/7/2024	08:48:19 Scale2	JOY	09:00:51 DW7RECAD04112	JLF	57160 lb Scale 2 28.5800 Tons	28780 lb Scale 4 14.3900 Tons	28380 lb 14.1900 Tons

Vehicle No.	Type	Plate	DEP Info
CG3ACP	DUMPER 25	DIST # 8	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
14.1900	CM2	Street Sweepings - Cnty Tr Hazlet Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2220148

MONM040708 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
8
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$14.65

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
6/7/2024	10:53:41 Scale2	JOY	11:15:18 DW7RECAD04112	JLF	54740 lb Scale 2 27.3700 Tons	28720 lb Scale 4 14.3600 Tons	26020 lb 13.0100 Tons

Vehicle No.	Type	Plate	DEP Info
CG3ACP	DUMPER 25	DIST # 8	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
13.0100	CM2	Street Sweepings - Cnty Tr Hazlet Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2249319

MONM040708 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
8
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$0.00

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
9/12/2024	08:36:59)W11SCALES52W2	JOY	08:49:28 W11SCALES52ZI	JLF	58240 lb Scale 2 29.1200 Tons	29000 lb Scale 4 14.5000 Tons	29240 lb 14.6200 Tons

Vehicle No.	Type	Plate	DEP Info
CG3ACP	DUMPER 25	DIST # 8	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
14.6200	CM2	Street Sweepings - Cnty Tr Hazlet Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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RECEIPT DOCUMENT NUMBER

2256096

MONM040708 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
8
KOZLOSKI RD AND CENTER ST
FREEHOLD, NJ 07728-

Driver:

Current Account Balance:
$9.88

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
10/4/2024	09:51:03 DW11SCALES52XS	AAW	10:09:25 W11SCALES52ZI	JLF	35000 lb Scale 1 17.5000 Tons	19620 lb Scale 4 9.8100 Tons	15380 lb 7.6900 Tons

Vehicle No.	Type	Plate	DEP Info
CG8AMN	DUMPER 12	CGAMN	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
7.6900	CM2	Street Sweepings - Cnty Tr Hazlet Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2266404

MONM040709 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST # 9
KOZLOSKI RD AND CENTER ST
FREEHOLD, NJ07728-

Driver:

Current Account Balance: $36.52

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
11/12/2024	10:44:51)W11SCALES52XS	AAW	11:06:43)W11SCALES52Z	JOY	38920 lb Scale 1 19.4600 Tons	37340 lb Scale 3 18.6700 Tons	1580 lb 0.7900 Tons

Vehicle No.	Type	Plate	DEP Info
CG13291	OPEN 20	CG13291	

Quantity	W.C.	Description/Origin			Units	Unit Price	Amount
0.7900	13	Bulky Waste - (MRF)	Tinton Falls Boro (Monmouth)	100%	TON	$11.10/Ton	$8.77
						Total Amount	**$8.77**

OSHA Safety Vest Required
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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2204063

MONM040709 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
9
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$0.00

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
4/18/2024	10:24:31 Scale1	AAW	10:45:32 DW7RECAD04112	JLF	59760 lb Scale 1 29.8800 Tons	39780 lb Scale 4 19.8900 Tons	19980 lb 9.9900 Tons

Vehicle No.	Type	Plate	DEP Info
8226AD	OPEN 30	CG12773	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
9.9900	CM2	Street Sweepings - Cnty Tr Freehold Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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Hours of Operation
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Sat: 7:00AM - 2:00 PM
Closed on Sundays

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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2169658

MONM040709 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST # 9
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance: $0.00

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
11/21/2023	11:31:10 Scale1	AAW	11:54:16 W7RECAD04108	JOY	61980 lb Scale 1 30.9900 Tons	40240 lb Scale 3 20.1200 Tons	21740 lb 10.8700 Tons

Vehicle No.	Type	Plate	DEP Info
8226AD	OPEN 30	CG12773	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
10.8700	CM2	Street Sweepings - Cnty Tr Freehold Boro (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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Sat: 7:00AM - 2:00 PM
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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2173695

MONM040709 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
9
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$0.00

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
12/8/2023	13:59:28 Scale1	AAW	14:22:34 DW7RECAD04112	JLF	68380 lb Scale 1 34.1900 Tons	40120 lb Scale 4 20.0600 Tons	28260 lb 14.1300 Tons

Vehicle No.	Type	Plate	DEP Info
CG12774	OPEN 30	AF R22	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
14.1300	CM2	Street Sweepings - Cnty Tr Freehold Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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RECEIPT DOCUMENT NUMBER

2178269

MONM040709 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
9
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$0.00

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
1/2/2024	10:53:34 Scale2	JOY	11:55:24 W7RECAD04108	JOY	52960 lb Scale 2 26.4800 Tons	40180 lb Scale 3 20.0900 Tons	12780 lb 6.3900 Tons

Vehicle No.	Type	Plate	DEP Info
8226AF	OPEN 30	CG12774	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
6.3900	CM2	Street Sweepings - Cnty Tı Freehold Boro (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2188186

MONM040709 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
9
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$0.00

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
2/20/2024	11:04:26 Scale2	JOY	11:23:25 DW7RECAD04112	JLF	70800 lb Scale 2 35.4000 Tons	40020 lb Scale 4 20.0100 Tons	30780 lb 15.3900 Tons

Vehicle No.	Type	Plate	DEP Info
8226AP	OPEN 30	CG12774	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
15.3900	CM2	Street Sweepings - Cnty Tr Freehold Boro (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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RECEIPT DOCUMENT NUMBER

2195493

MONM040709 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST # 9
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance: $0.00

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
3/19/2024	09:56:18 Scale2	JOY	10:19:42 DW7RECAD04112	JLF	70720 lb Scale 2 35.3600 Tons	40080 lb Scale 4 20.0400 Tons	30640 lb 15.3200 Tons

Vehicle No.	Type	Plate	DEP Info
8226AP	OPEN 30	CG12774	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
15.3200	CM2	Street Sweepings - Cnty Tr Freehold Boro (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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RECEIPT DOCUMENT NUMBER

2199777

MONM040709 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST # 9
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance: $0.00

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
4/3/2024	09:02:57 Scale1	AAW	09:31:24 DW7RECAD04112	JLF	50900 lb Scale 1 25.4500 Tons	39900 lb Scale 4 19.9500 Tons	11000 lb 5.5000 Tons

Vehicle No.	Type	Plate	DEP Info
CG12774	OPEN 3	AF R22	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
5.5000	CM2	Street Sweepings - Cnty Tı Freehold Boro (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

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RECEIPT DOCUMENT NUMBER

2208201

MONM040709 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST # 9
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance: $0.00

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
5/1/2024	09:29:24 Scale1	AAW	09:55:20 W7RECAD04108	JOY	60180 lb Scale 1 30.0900 Tons	38040 lb Scale 3 19.0200 Tons	22140 lb 11.0700 Tons

Vehicle No.	Type	Plate	DEP Info
CG13291	OPEN 30	CG13291	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
11.0700	CM2	Street Sweepings - Cnty Tı Freehold Boro (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2212171

MONM040709 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
9
KOZLOSKI RD AND CENTER ST
FREEHOLD, NJ07728-

Driver:

Current Account Balance:
$0.00

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
5/14/2024	08:20:27 Scale1	AAW	08:39:28 DW7RECAD04112	JLF	55580 lb Scale 1 27.7900 Tons	39980 lb Scale 4 19.9900 Tons	15600 lb 7.8000 Tons

Vehicle No.	Type	Plate	DEP Info
8226AD	OPEN 30	CG12773	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
7.8000	CM2	Street Sweepings - Cnty Tr Freehold Boro (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
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RECEIPT DOCUMENT NUMBER

2216618

MONM040709 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
9
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$0.00

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
5/28/2024	09:49:50 Scale2	JOY	10:06:11 W7RECAD04108	JOY	57120 lb Scale 2 28.5600 Tons	40160 lb Scale 3 20.0800 Tons	16960 lb 8.4800 Tons

Vehicle No.	Type	Plate	DEP Info
CG12773	OPEN 30	CG12773	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
8.4800	CM2	Street Sweepings - Cnty Tr Freehold Boro (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
At all times while on MCRC Property
TO OUR VALUED CUSTOMERS: PLEASE BE CAREFUL - DUMPING IS AT YOUR OWN RISK

MONMOUTH COUNTY RECLAMATION CENTER
TINTON FALLS, NJ

Mailing address: 6000 Asbury Avenue
Neptune, NJ 07753
http://visitmonmouth.com/reclamation

Hours of Operation
Mon-Fri: 7:00AM - 3:30 PM
Sat: 7:00AM - 2:00 PM
Closed on Sundays

SMOKING IS PROHIBITED SITE-WIDE
FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2230167

MONM040709 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST # 9
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance: $97.90

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
7/9/2024	09:59:57)W11SCALES52XS	AAW	10:22:46)W11SCALES52ZI	JLF	76720 lb Scale 1 38.3600 Tons	39960 lb Scale 4 19.9800 Tons	36760 lb 18.3800 Tons

Vehicle No.	Type	Plate	DEP Info
CG12773	OPEN 30	CG12773	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
18.3800	CM2	Street Sweepings - Cnty Tr Freehold Boro (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
At all times while on MCRC Property
TO OUR VALUED CUSTOMERS: PLEASE BE CAREFUL - DUMPING IS AT YOUR OWN RISK

MONMOUTH COUNTY RECLAMATION CENTER
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Hours of Operation
Mon-Fri: 7:00AM - 3:30 PM
Sat: 7:00AM - 2:00 PM
Closed on Sundays

SMOKING IS PROHIBITED SITE-WIDE
FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2238894

MONM040709 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
9
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$0.00

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
8/6/2024	10:04:38)W11SCALES52W2	JOY	10:29:17)W11SCALES52ZI	JLF	68780 lb Scale 2 34.3900 Tons	40340 lb Scale 4 20.1700 Tons	28440 lb 14.2200 Tons

Vehicle No.	Type	Plate	DEP Info
8226AD	OPEN 30	CG12773	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
14.2200	CM2	Street Sweepings - Cnty Tr Freehold Boro (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
At all times while on MCRC Property
TO OUR VALUED CUSTOMERS: PLEASE BE CAREFUL - DUMPING IS AT YOUR OWN RISK

MONMOUTH COUNTY RECLAMATION CENTER
TINTON FALLS, NJ

Mailing address: 6000 Asbury Avenue
Neptune, NJ 07753
http://visitmonmouth.com/reclamation

Hours of Operation
Mon-Fri: 7:00AM - 3:30 PM
Sat: 7:00AM - 2:00 PM
Closed on Sundays

SMOKING IS PROHIBITED SITE-WIDE
FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2245714

MONM040709 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST # 9
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance: $0.00

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
8/30/2024	09:20:57)W11SCALES52XS	AAW	09:42:06)W11SCALES52ZI	JLF	64900 lb Scale 1 32.4500 Tons	41060 lb Scale 4 20.5300 Tons	23840 lb 11.9200 Tons

Vehicle No.	Type	Plate	DEP Info
CG12773	OPEN 20	CG12773	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
11.9200	CM2	Street Sweepings - Cnty Tr Freehold Boro (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
At all times while on MCRC Property
TO OUR VALUED CUSTOMERS: PLEASE BE CAREFUL - DUMPING IS AT YOUR OWN RISK

MONMOUTH COUNTY RECLAMATION CENTER
TINTON FALLS, NJ

Mailing address: 6000 Asbury Avenue
Neptune, NJ 07753
http://visitmonmouth.com/reclamation

Hours of Operation
Mon-Fri: 7:00AM - 3:30 PM
Sat: 7:00AM - 2:00 PM
Closed on Sundays

SMOKING IS PROHIBITED SITE-WIDE
FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2250423

MONM040709 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
9
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$0.00

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
9/16/2024	12:22:36)W11SCALES52XS	AAW	13:03:59)W11SCALES52ZI	JLF	57840 lb Scale 1 28.9200 Tons	40860 lb Scale 4 20.4300 Tons	16980 lb 8.4900 Tons

Vehicle No.	Type	Plate	DEP Info
CG12773	OPEN 30	CG12773	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
8.4900	CM2	Street Sweepings - Cnty Tr Freehold Boro (Monmouth)	100%	TON	$0.00/Ton	$0.00
					Total Amount	**$0.00**

OSHA Safety Vest Required
At all times while on MCRC Property
TO OUR VALUED CUSTOMERS: PLEASE BE CAREFUL - DUMPING IS AT YOUR OWN RISK

MONMOUTH COUNTY RECLAMATION CENTER
TINTON FALLS, NJ

Mailing address: 6000 Asbury Avenue
Neptune, NJ 07753
http://visitmonmouth.com/reclamation

Hours of Operation
Mon-Fri: 7:00AM - 3:30 PM
Sat: 7:00AM - 2:00 PM
Closed on Sundays

SMOKING IS PROHIBITED SITE-WIDE
FACILITY I.D. #1336F1SP01

RECEIPT DOCUMENT NUMBER

2259632

MONM040709 I hereby certify that the information provided in this form is true to the best of my knowledge.

MONMOUTH CO HWY DEPT DIST #
9
KOZLOSKI RD AND CENTER ST
FREEHOLD NJ07728-

Driver:

Current Account Balance:
$0.00

Date	Entry Time	Operator	Exit Time	Operator	Gross Weight	Tare Weight	Net Weight
10/17/2024	12:50:16)W11SCALES52W2	JOY	13:09:27)W11SCALES52Z	JLF	73000 lb Scale 2 36.5000 Tons	39080 lb Scale 4 19.5400 Tons	33920 lb 16.9600 Tons

Vehicle No.	Type	Plate	DEP Info
CG13291	OPEN 30	CG13291	

Quantity	W.C.	Description/Origin		Units	Unit Price	Amount
16.9600	CM2	Street Sweepings - Cnty Tr Freehold Twp. (Monmouth)	100%	TON	$0.00/Ton	$0.00

Sweepings
Dist 9 Dumpster

Total Amount	**$0.00**

OSHA Safety Vest Required
At all times while on MCRC Property
TO OUR VALUED CUSTOMERS: PLEASE BE CAREFUL - DUMPING IS AT YOUR OWN RISK

Exhibit 7 – Stormwater Management Design Training

NEW JERSEY

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certificate of Course Completion

THIS CERTIFIES THAT

Victorino B. Zabat

has satisfied The NJPDES MS4 General Permit training requirement to complete the Department approved

STORMWATER MANAGEMENT DESIGN REVIEW COURSE*

October 15, 17, 22, and 24, 2024

Gabriel Mahon

GABRIEL MAHON OCTOBER 24, 2024

*This certification is valid through October 14, 2029.

NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION

THIS CERTIFIES THAT

Victorino B. Zabat

NJ Professional Engineer Lic. 24GE042309

Has completed 12 Continuing Professional Competency credits (CPC credits) under N.J.A.C. 13:40-13 et seq.* for the

STORMWATER MANAGEMENT DESIGN REVIEW COURSE**

October 15, 17, 22, and 24, 2024

GABRIEL MAHON OCTOBER 24, 2024

*The enumerated CPC credits may not be recognized outside of the State of New Jersey. The professional engineer shall consult the Board of Professional Engineers within their respective state of licensure on the issuing of the above enumerated CPC credits.

**This is not a certificate of completion for the Stormwater Management Design Review Course. A separate certificate of course completion will be issued if the individual noted above has satisfied the NJPDES MS4 General Permit training requirement to complete the Department approved Stormwater Management Design Review Course once every five years.

NEW JERSEY

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certificate of Course Completion

THIS CERTIFIES THAT

Jessica Kubida

has satisfied The NJPDES MS4 General Permit training requirement to complete the Department approved

STORMWATER MANAGEMENT DESIGN REVIEW COURSE*

October 15, 17, 22, and 24, 2024

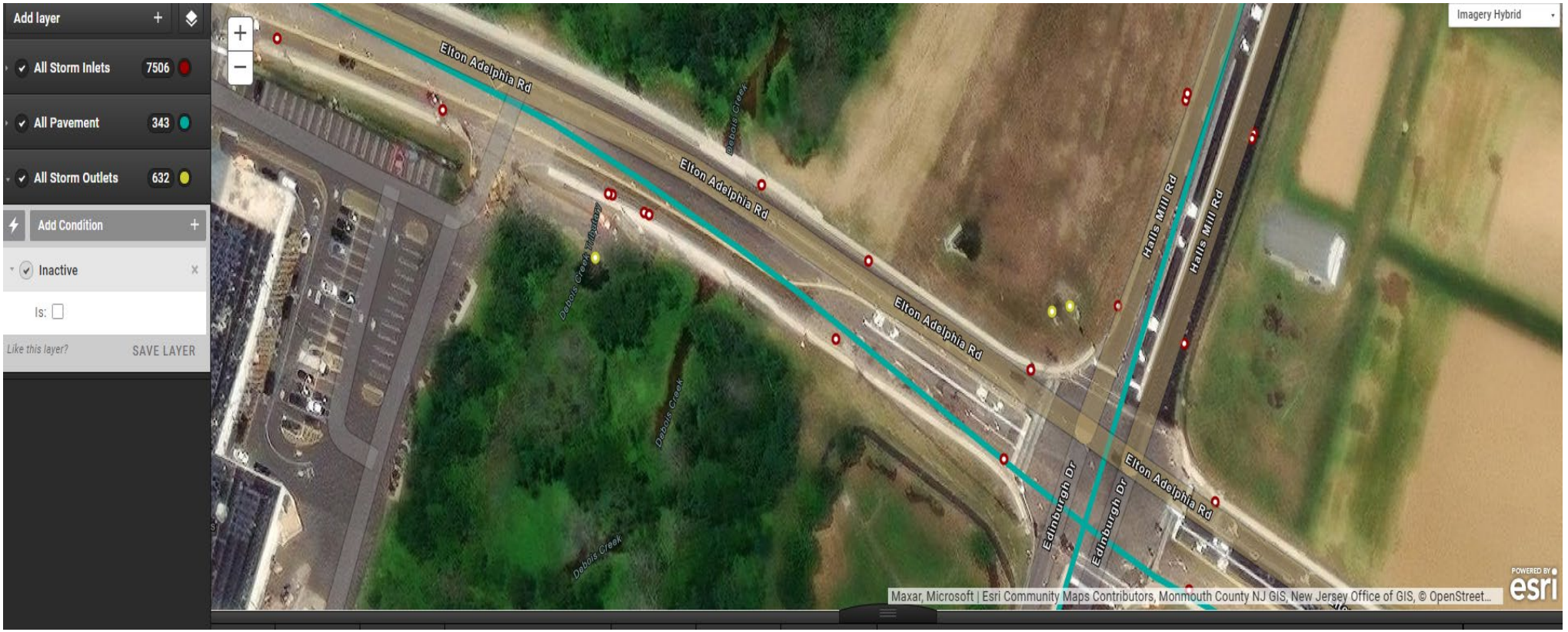
Gabriel Mahon

GABRIEL MAHON OCTOBER 24, 2024

*This certification is valid through October 14, 2029.

Exhibit 8 – Cartegraph Site Screen Capture

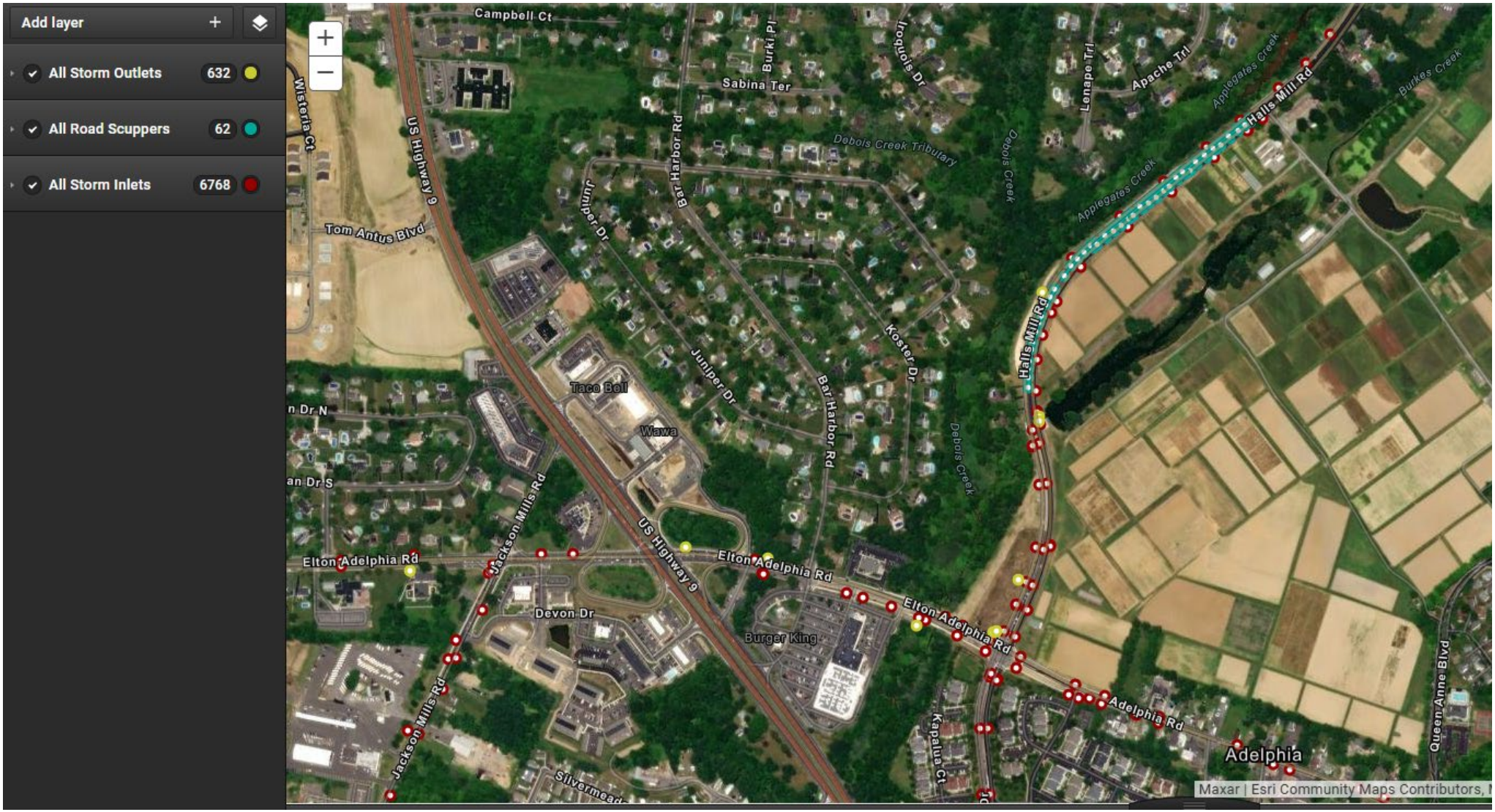
ROBERT C. McGURR BRIDGE



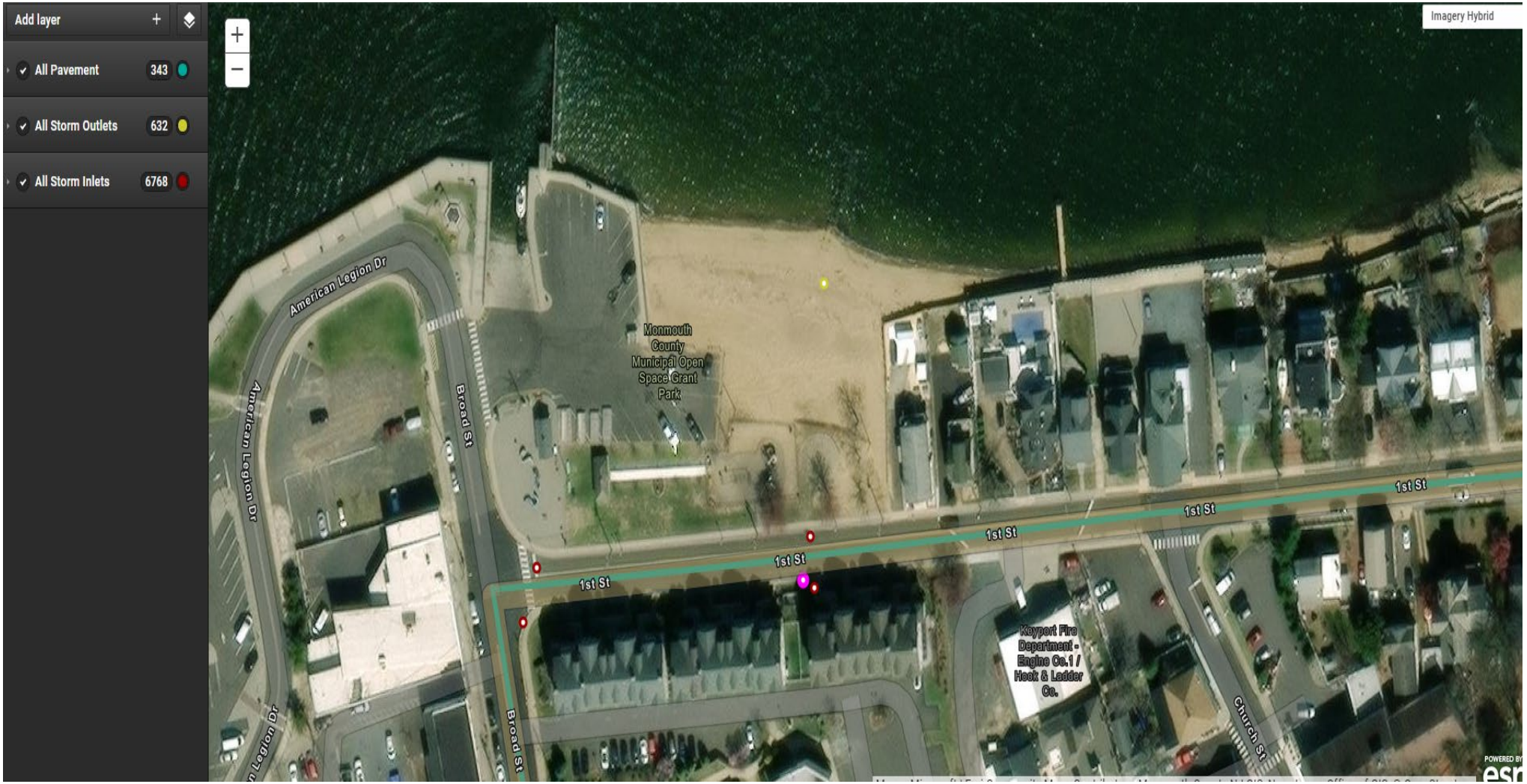
HIGHWAY DISTRICT 4

HIGHWAY DISTRICT 8

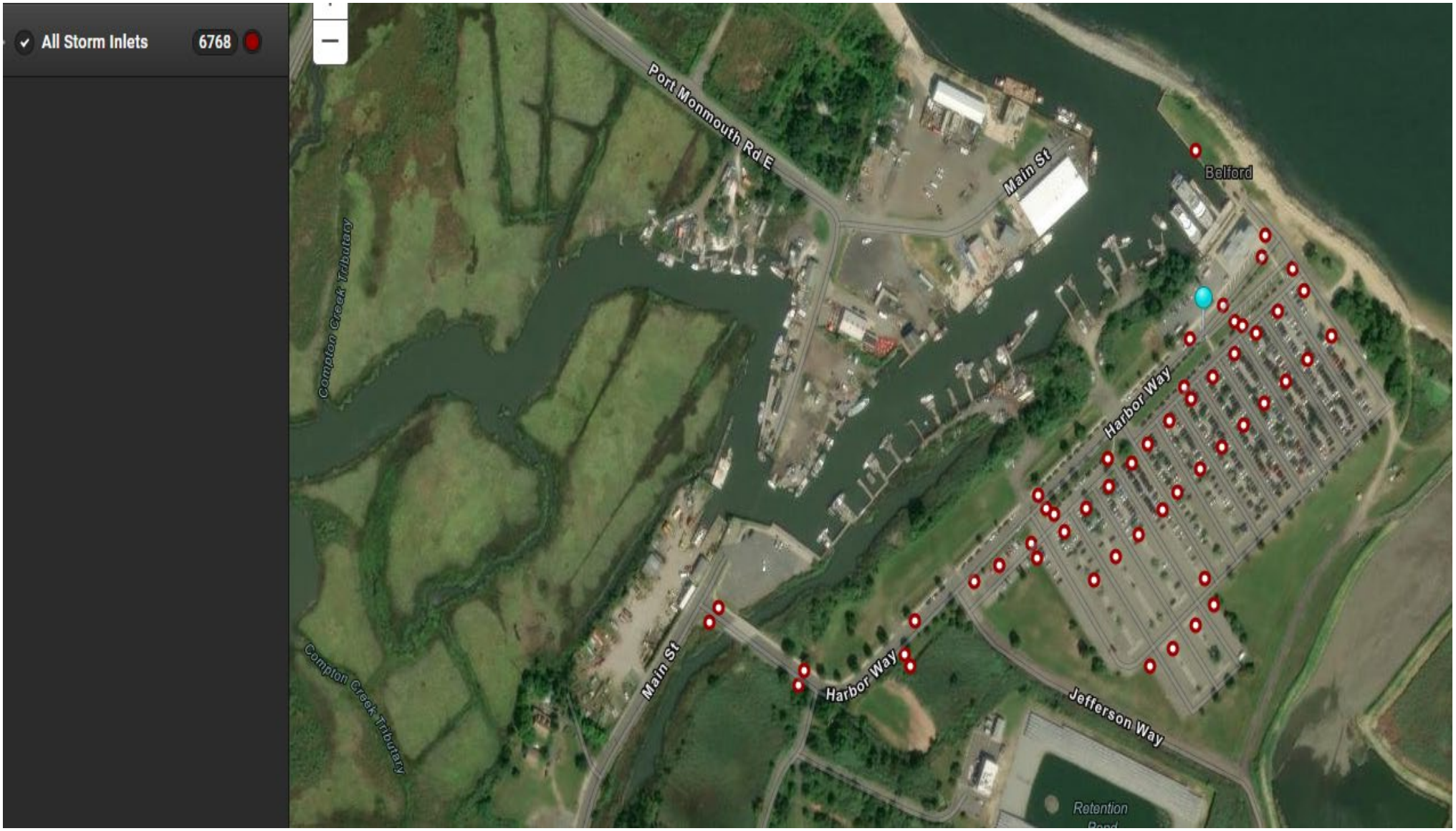
HALLS MILL ROAD WIDENING PROJECT



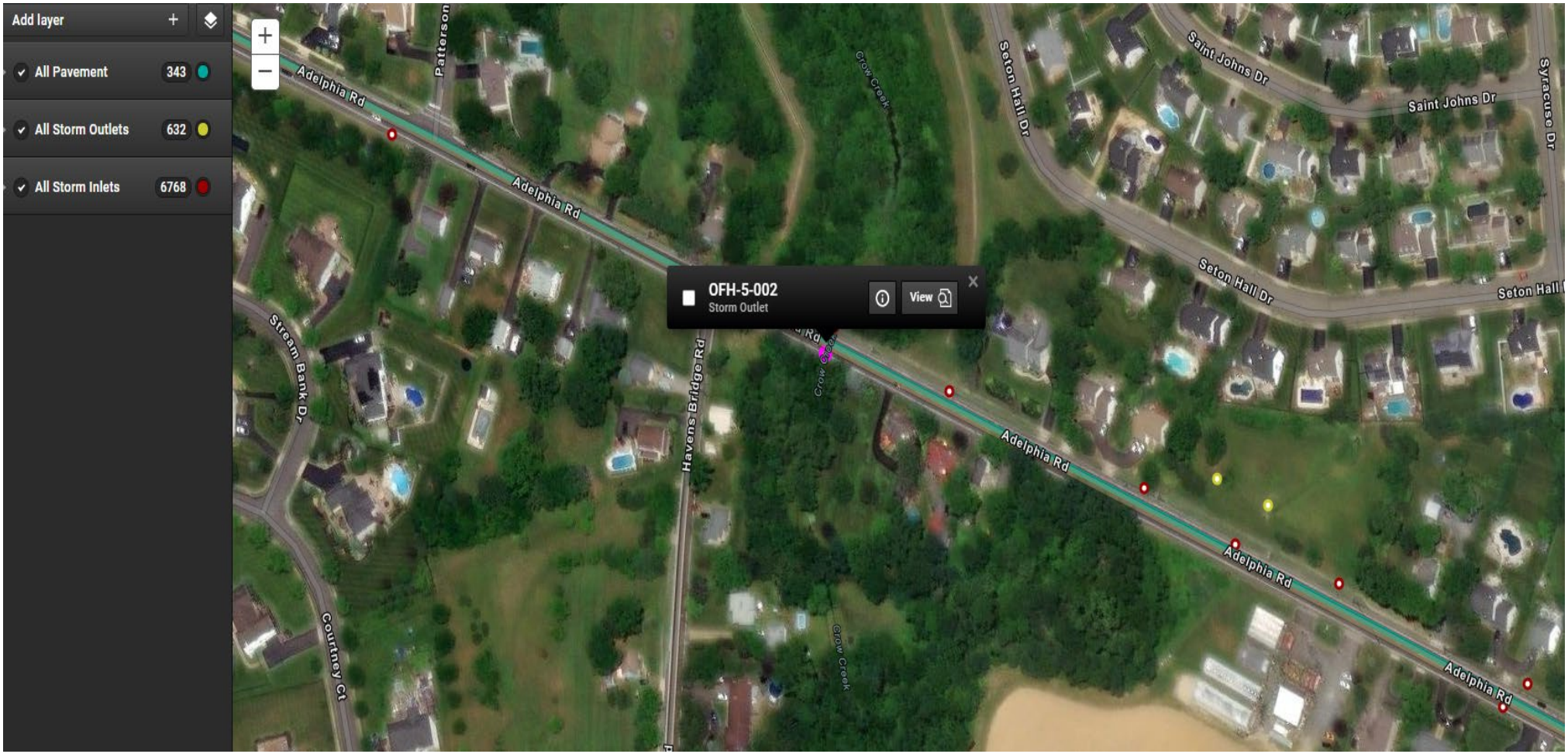
OFH-8-072 (TIDAL OUTFALL)



HARBOR WAY BASINS



OFH-5-002 (OUTFALL)



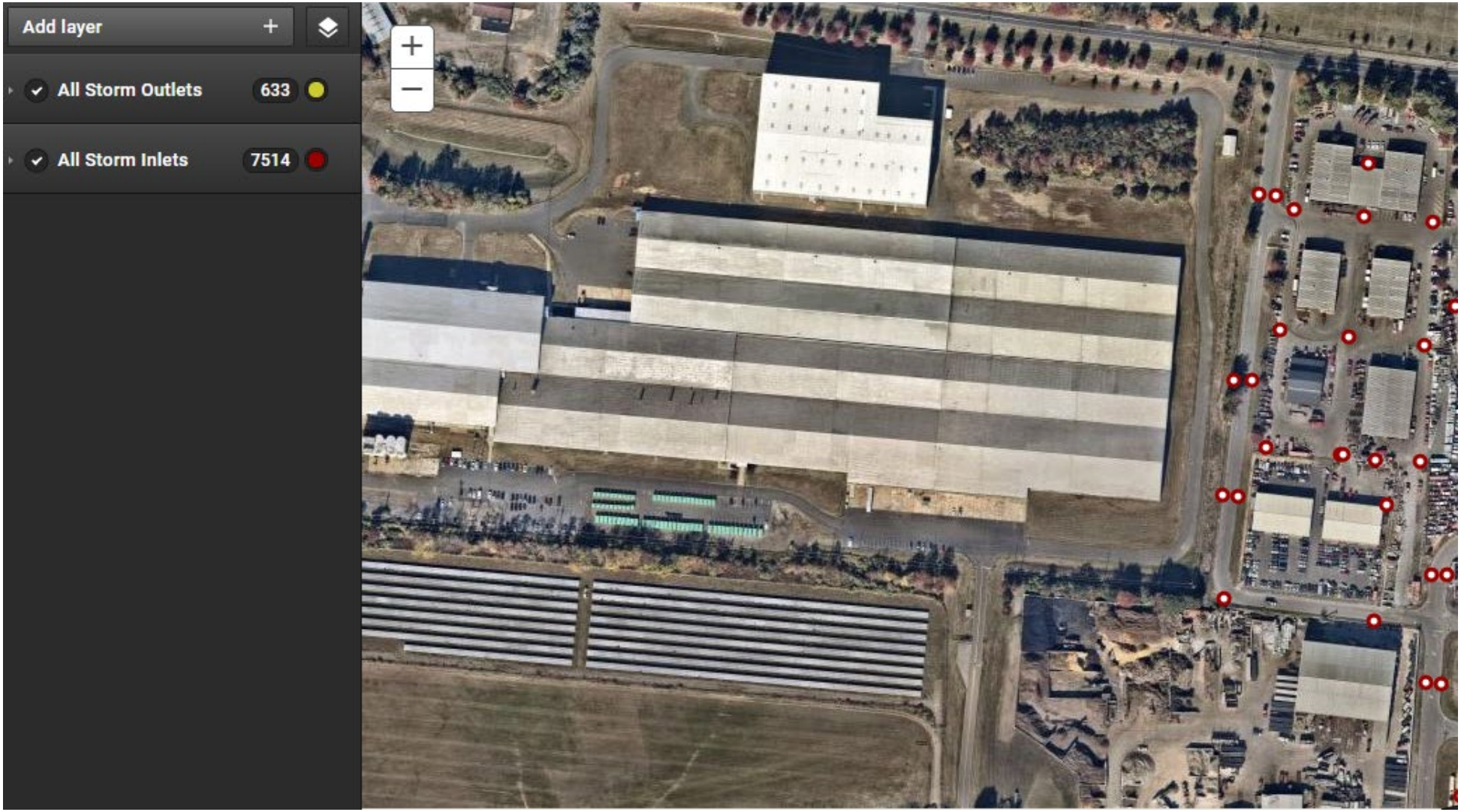
HIGHWAY DISTRICT 5

HIGHWAY DISTRICT 6

HIGHWAY DISTRICT 10

HIGHWAY DISTRICT 1 (BASIN & OUTFALL)

HIGHWAY DISTRICT 9



PUBLIC WORKS COMPLEX FREEHOLD
(MAIN BLDG, FLEET SERVICES, HEAVY TRUCK SHOP & BODY SHOP)

PUBLIC WORKS COMPLEX FREEHOLD

(SALT STORAGE, FUEL ISLAND, WASH STATION & TRANSFER STATION)

Exhibit 9 – 2023 Washout Repair

Asset	Street	Activity	Task ID	District or Unit	REQUIRED Division	Status	Entry Date	Entered By	Actual Start Date
Guardrail 5-547-1		Washout Repair	370187	5	HIGHWAY	Completed	10/11/2023 14:23	Kaciczk	10/11/2023 0:00
Guardrail 5-547-4		Washout Repair	351838	5	HIGHWAY	Completed	7/26/2023 15:02	malyskojr	7/26/2023 0:00
Non-Asset	WAYSIDE RD	Washout Repair	359829	3	HIGHWAY	Completed	8/25/2023 14:25	Dispignp	8/25/2023 0:00
Non-Asset	CLOVER HILL LN	Washout Repair	376321	2	HIGHWAY	Completed	11/27/2023 15:30	Yegelwed	9/19/2023 0:00
Non-Asset		Washout Repair	378361	9	HIGHWAY	Completed	12/6/2023 14:46	Killmern	12/6/2023 0:00
Pavement 12A-1	NAVESINK RIVER RD	Washout Repair	352123	1	HIGHWAY	Completed	7/28/2023 10:29	RuscettM	7/27/2023 0:00
Pavement 12A-1	NAVESINK RIVER RD	Washout Repair	353979	1	HIGHWAY	Completed	8/4/2023 7:33	RuscettM	8/4/2023 0:00
Pavement 12A-1	NAVESINK RIVER RD	Washout Repair	354279	1	HIGHWAY	Completed	8/4/2023 14:26	RuscettM	8/4/2023 0:00
Pavement 16-3-F	ASBURY AVE	Washout Repair	327438	3	HIGHWAY	Completed	3/9/2023 12:50	Kaciczk	3/9/2023 0:00
Pavement 21-4-D	SQUANKUM RD	Washout Repair	372065	4	HIGHWAY	Completed	10/25/2023 13:40	Ortizk	10/25/2023 0:00
Pavement 30-4-B	EIGHTEENTH AVE	Washout Repair	337832	4	HIGHWAY	Completed	5/10/2023 15:20	Ortizk	5/10/2023 0:00
Pavement 30-4-C	W 18TH AVE	Washout Repair	372064	4	HIGHWAY	Completed	10/25/2023 13:40	Ortizk	10/25/2023 0:00
Pavement 3-10-C	TENNENT RD	Washout Repair	338407	10	HIGHWAY	Completed	5/16/2023 14:02	williamsj	5/16/2023 0:00
Pavement 3-10-C	TENNENT RD	Washout Repair	371645	10	HIGHWAY	Completed	10/20/2023 17:20	williamsj	10/18/2023 0:00
Pavement 3-10-D	TENNENT RD	Washout Repair	381596	10	HIGHWAY	Completed	12/27/2023 14:42	mcbrides	12/27/2023 0:00
Pavement 33-6-A	SEVEN BRIDGES RD	Washout Repair	350726	6	HIGHWAY	Completed	7/21/2023 7:21	Lawhonj	7/20/2023 0:00
Pavement 33-6-A	SEVEN BRIDGES RD	Washout Repair	371325	6	HIGHWAY	Completed	10/20/2023 4:56	depalmam	10/19/2023 0:00
Pavement 34-6-D	HARDING RD	Washout Repair	348706	6	HIGHWAY	Completed	7/14/2023 6:28	Lawhonj	7/13/2023 0:00
Pavement 34-6-D	HARDING RD	Washout Repair	350724	6	HIGHWAY	Completed	7/21/2023 7:17	Lawhonj	7/20/2023 0:00
Pavement 4-10-C	CRINE RD	Washout Repair	338406	10	HIGHWAY	Completed	5/16/2023 14:02	williamsj	5/16/2023 0:00
Pavement 4-10-E	HOLMDEL RD	Washout Repair	340726	10	HIGHWAY	Completed	6/5/2023 9:06	williamsj	6/5/2023 0:00
Pavement 4-10-E	HOLMDEL RD	Washout Repair	344627	10	HIGHWAY	Completed	6/26/2023 8:42	williamsj	6/26/2023 0:00
Pavement 520-10-A	NEWMAN SPRINGS RD	Washout Repair	338408	10	HIGHWAY	Completed	5/16/2023 14:02	williamsj	5/16/2023 0:00
Pavement 520-10-A	NEWMAN SPRINGS RD	Washout Repair	363993	10	HIGHWAY	Completed	9/14/2023 15:17	williamsj	9/14/2023 0:00
Pavement 520-6-A	Pickney Rd	Washout Repair	351357	6	HIGHWAY	Completed	7/24/2023 13:18	Lawhonj	7/24/2023 0:00
Pavement 52-10-A	EVERETT RD	Washout Repair	368669	10	HIGHWAY	Completed	10/4/2023 15:10	williamsj	10/3/2023 0:00
Pavement 52-10-C	EVERETT RD	Washout Repair	334980	10	HIGHWAY	Completed	5/1/2023 12:28	williamsj	5/1/2023 0:00
Pavement 52-10-C	EVERETT RD	Washout Repair	368668	10	HIGHWAY	Completed	10/4/2023 15:10	williamsj	10/3/2023 0:00
Pavement 524-5-C	ADELPHIA RD	Washout Repair	374230	5	HIGHWAY	Completed	11/6/2023 14:02	Kaciczk	11/6/2023 0:00

Pavement 524-5-C	ADELPHIA RD	Washout Repair	376410	5	HIGHWAY	Completed	11/28/2023 13:17	Kaciczk	11/28/2023 0:00
Pavement 524-5-C	ADELPHIA RD	Washout Repair	378263	5	HIGHWAY	Completed	12/6/2023 8:35	Kaciczk	12/5/2023 0:00
Pavement 524S-4-B	ATLANTIC AVE	Washout Repair	372449	4	HIGHWAY	Completed	10/26/2023 14:10	Ortizk	10/26/2023 0:00
Pavement 527-9-F	SILOAM RD	Washout Repair	378365	9	HIGHWAY	Completed	12/6/2023 14:50	Killmern	12/6/2023 0:00
Pavement 537-3-E	CR 537	Washout Repair	324602	3	HIGHWAY	Completed	2/16/2023 13:31	Brownr	2/16/2023 0:00
Pavement 537-3-E	CR 537	Washout Repair	325211	3	HIGHWAY	Completed	2/22/2023 13:06	Brownr	2/22/2023 0:00
Pavement 537-7-C	MONMOUTH RD	Washout Repair	334457	7	HIGHWAY	Completed	4/27/2023 14:24	Toporeks	4/27/2023 0:00
Pavement 539-7-C	Trenton-Forked River Rd	Washout Repair	351526	7	HIGHWAY	Completed	7/25/2023 14:15	Toporeks	7/25/2023 0:00
Pavement 8-1-B	OCEAN BLVD	Washout Repair	349777	1	HIGHWAY	Completed	7/19/2023 8:20	koehlerm	7/18/2023 0:00

Actual Stop Date	Notes	Notes
10/11/2023 0:00	WASHOUT REPAIR BEHIND GUARDRAIL AND PUT APRON IN FRONT OF RAIL	
7/27/2023 0:00		
8/28/2023 0:00	OPP 1150 WAYSIDE WASHOUT OFF OF THE ROADWAY	
9/19/2023 0:00	Repair and pave washed out area for Parks- as per Engineering.	
12/6/2023 0:00	Washout repair at Western Branch Libarary	
8/1/2023 0:00	REPAIR WASHOUT	CR12A (Navesink River Road) & Browns Dock Road - Middletown
8/4/2023 0:00	REPAIR WASHOUT AND INSTALL BERM	CR12A (Navesink River Road) & Browns Dock Road - Middletown
8/4/2023 0:00	585 washout repair	
3/9/2023 0:00	WASHOUT REPAIR BEHIND GUARDRAIL BETWEEN CANNONBALL DRIVE AND THE PARKWAY. WE FILLED IN WASHOUT WITH TOPSOIL TAMPED DOWN AREA IN C	
10/25/2023 0:00	Fill washouts with crushed concrete	
5/10/2023 0:00	Repair washout on roadside	
10/25/2023 0:00	Fill washouts with crushed concrete	
5/16/2023 0:00	(1)Corner of Tennent and 520 (3-10c) Marlboro behind traffic	Washout Repairs in District 10
10/20/2023 0:00	Washout at guard rail on duncan and Tennent Road (3-10-c) Marlboro	
12/27/2023 0:00	Washout Repair in Front of 422 Tennent Rd (3-10-D Marlboro)	
7/20/2023 0:00		
10/19/2023 0:00	Crew Fill in Top Soil Along Road Way .	
7/13/2023 0:00		
7/20/2023 0:00		
5/16/2023 0:00	(1)Corner of Tennent and 520 (3-10c) Marlboro behind traffic	Washout Repairs in District 10
6/6/2023 0:00	Replacing dirt work under guardrail on Holmdel Road (4-10-e) by (	Wash out repairs in District 10
6/26/2023 0:00	Washout repair at Holmdel Cemetery (4-10-e)	Washout repair Holmdel Cemetery on Holmdel Road (4-10-e) Holmdel
5/16/2023 0:00	(1)Corner of Tennent and 520 (3-10c) Marlboro behind traffic	Washout Repairs in District 10
9/18/2023 0:00	Guard rail washout repair asset bridge	
7/24/2023 0:00	repair washout under sidewalk @ 72 Rumson Rd.	
10/4/2023 0:00	several washout repairs done on Everett Road	washout repairs to various roads in district 10
5/1/2023 0:00	Wash out repaired on Corner Of Everett Road (52-10-c) Middletown and Newman Springs Road (520-10-c) Middletown	
10/4/2023 0:00	several washout repairs done on Everett Road	washout repairs to various roads in district 10
11/6/2023 0:00	FILLED IN RUTS LEFT BY EARLE PAVING DURING OVERLAY	

12/1/2023 0:00	WASHOUT REPAIR BEHIND GUARDRAIL BY CHURCH
12/5/2023 0:00	
10/26/2023 0:00	Home owner at #3307 called in washout by driveway Phone # (330)402-3387
1/2/2024 0:00	Siloam Rd and Ely Harmony
3/1/2023 0:00	WASHOUT REPAIR SIDE OF ROAD WEST BOUND
3/1/2023 0:00	FILL IN WASH OUTS AT HOUSE #389 WEST RT 537 & DUE PROCESS RT 537 EAST
4/27/2023 0:00	Repair washout under guiderail where water washed out soil before inlet.
7/25/2023 0:00	Repair washout under guiderail due to high water volume passing along roadway.
7/19/2023 0:00	

QUESTION AND PUT ASPHALT BERM IN FRONT OF ARE IN QUESTION

Exhibit 10 – Photographs Received from

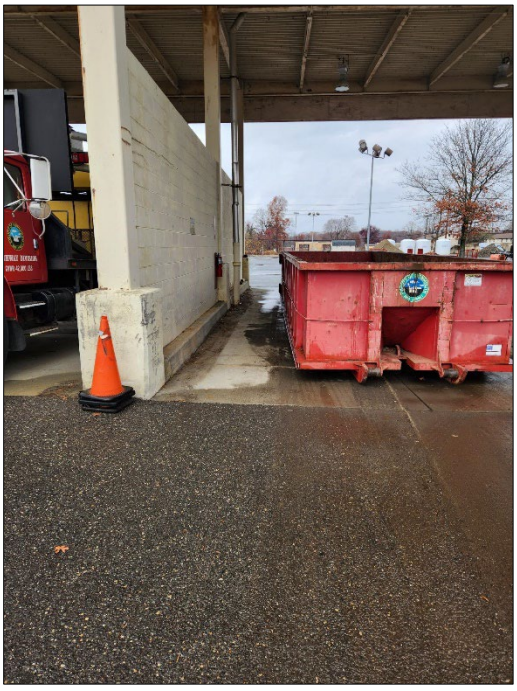
County Representatives on December 13, 2024

The Audit Team received digital photographs from County representatives on December 13, 2024 that showed before and after housekeeping items at District 6 and 10. This Photograph Log documents all images provided to the Audit Team.

Photograph 1.
Description: Highway District 6.

Photograph 2.
Description: Highway District 6.

Photograph 3.
Description: Highway District 6.

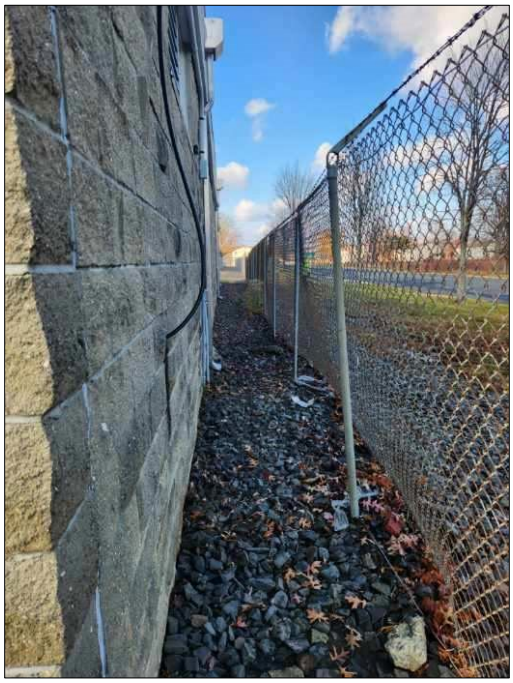


Photograph 4.
Description: Highway District 6.

Photograph 5.
Description: Highway District 6.

Photograph 6.
Description: Highway District 6.

Photograph 7.
Description: Highway District 6.



Photograph 8.
Description: Highway District 6.

Photograph 9.
Description: Highway District 6.

Photograph 10.
Description: Highway District 6.

Photograph 11.
Description: Highway District 6.

Photograph 12.
Description: Highway District 10.

Photograph 13.
Description: Highway District 10.

Photograph 14.
Description: Highway District 10.

Photograph 15.
Description: Highway District 10.

Photograph 16.
Description: Highway District 10.

Photograph 17.
Description: Highway District 10.

Photograph 18.
Description: Highway District 10.

Photograph 19.
Description: Highway District 10.

Photograph 20.
Description: Highway District 10.

Photograph 21.
Description: Highway District 10.

Photograph 22.
Description: Highway District 10.

Photograph 23.
Description: Highway District 10.

Photograph 24.
Description: Highway District 10.

Photograph 25.
Description: Highway District 10.

Photograph 26.
Description: Highway District 10.

Photograph 27.
Description: Highway District 10.

Photograph 28.
Description: Highway District 10.

Photograph 29.
Description: Highway District 10.

Photograph 30.
Description: Highway District 10.

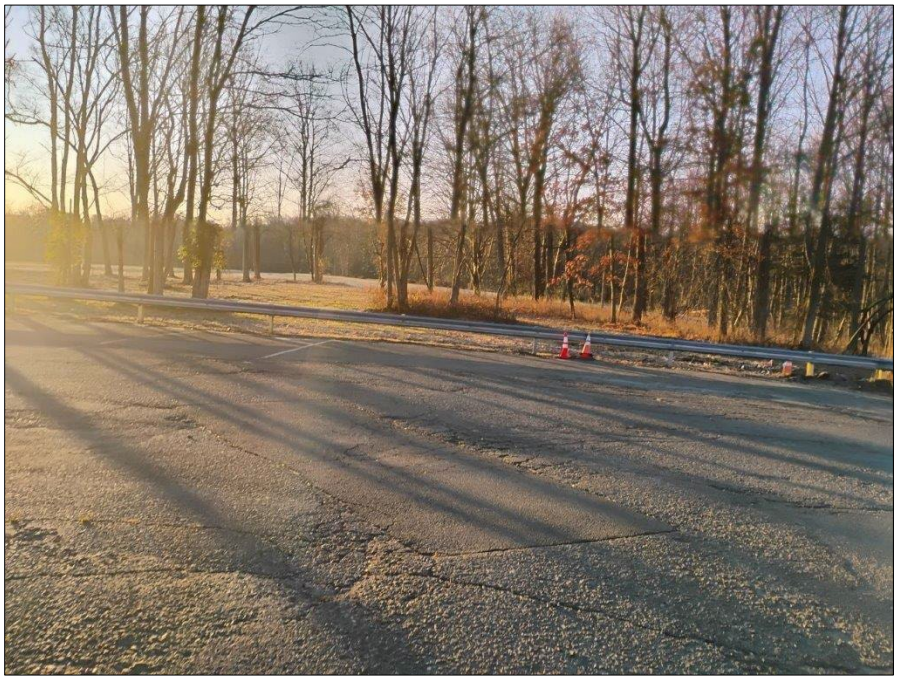
Photograph 31.
Description: Highway District 10.

Photograph 32.
Description: Highway District 10.

Photograph 33.
Description: Highway District 10.

Photograph 34.
Description: Highway District 10.

Photograph 35.
Description: Highway District 10.



Photograph 36.
Description: Highway District 10.

Photograph 37.
Description: Highway District 10.

Photograph 38.
Description: Highway District 10.