

Stormwater Pollution Prevention Plan

Borough of Morris Plains

County of Morris

NJG0150002

October, 2020

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SPPP Form 1 – SPPP Team Members

All records must be available upon request by NJDEP.

Stormwater Program Coordinator (SPC)	
Print/Type Name and Title	Leon C. Hall, Borough Engineer
Office Phone # and eMail	973-887-2270, lhall@anderson-denzler.com
Signature/Date	
Individual(s) Responsible for Major Development Project Stormwater Management Review	
Print/Type Name and Title	Leon C. Hall, Borough Engineer
Print/Type Name and Title	
Print/Type Name and Title	
Print/Type Name and Title	
Print/Type Name and Title	
Other SPPP Team Members	
Print/Type Name and Title	Leon C. Hall, Borough Engineer
Print/Type Name and Title	Edward Easse, Construction Code Official
Print/Type Name and Title	Joe Signorelli, DPW Superintendent
Print/Type Name and Title	Roseann Denman, Borough Clerk

SPPP Form 2 – Revision History

All records must be available upon request by NJDEP.

	Revision Date	SPC Initials	SPPP Form Changed	Reason for Revision
1.	10-20	LCH	all	per DEP's request
2.				
3.				
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20.				

SPPP Form 3 – Public Involvement and Participation Including Public Notice

All records must be available upon request by NJDEP.

1. Website URL where the Stormwater Pollution Prevention Plan (SPPP) is posted online:	morrisplainsboro.org
2. Date of most current SPPP:	March 1, 2005
3. Website URL where the Municipal Stormwater Management Plan (MSWMP) is posted online:	morrisplainsboro.org
4. Date of most current MSWMP:	October 1, 2008
5. Physical location and/or website URL where associated municipal records of public notices, meeting dates, minutes, etc. are kept:	531 Speedwell Avenue Morris Plains,. NJ 07950
6. Describe how the permittee complies with applicable state and local public notice requirements when providing for public participation in the development and implementation of a MS4 stormwater program:	Whenever the Planning Board or Borough Council discusses the development and implementation of MS4 stormwater program, the public is noticed in the official newspaper of the Borough and in accordance with Open Public Meetings Act.

SPPP Form 4 – Public Education and Outreach

All records must be available upon request by NJDEP.

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

The Borough issues a local newsletter once a quarter entitled "Plains Talk". In this newsletter there is information and updates for public stormwater education and events. Clean-up - Sponsor or organize a litter clean-up for a scout troop, local school district, faith based or other community youth group along a local waterway, public park, stormwater facility, or in an area with storm drains that discharge to a local lake or waterway.

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

The Borough issues a local news letter once a quarter entitled "Plains Talk". In this news letter there is information and updates for public stormwater education and events.

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

Records are maintained at the Borough Clerk's Office.

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

All records must be available upon request by NJDEP.

1. How does the municipality define 'major development'?
Major development" means any "development" that provides for ultimately disturbing one or more acres of land or increasing impervious surface by one-quarter acre or more. 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. 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-1 et seq., are also considered "major development".
2. Does the municipality approach residential projects differently than it does for non-residential projects? If so, how?
No
3. What process is in place to ensure that municipal projects meet the Stormwater Control Ordinance?
The Borough's planning and zoning boards review the projects and ensure compliance before issuing preliminary or final subdivision or site plan approvals under the Municipal Land Use Law. All new residential development and redevelopment projects that are subject to the Residential Site Improvement Standards for stormwater management (including the NJDEP Stormwater Management rules, N.J.A.C. 7.8, referenced in those standards) are in compliance with those standards.
4. Describe the process for reviewing major development project applications for compliance with the Stormwater Control Ordinance (SCO) and Residential Site Improvement Standards (RSIS). Attach a flow chart if available.

<p>Major Development project applications are reviewed as follows:</p> <ol style="list-style-type: none"> 1. After the Borough Engineer determines all stormwater required information has been provided and complies with the SCO and RSIS, a public hearing is scheduled. 2. The Planning Board considers the application for stormwater compliance during the Public Hearing process. 3. The Planning Board always requires the recording of a Stormwater Maintenance Plan and schedule to ensure long term maintenance of the stormwater facilities as part of any approval. 	
<p>5. Does the Municipal Stormwater Management Plan include a mitigation plan?</p>	<p>Yes</p>
<p>6. What is the physical location of approved applications for major development projects, Major Development Summary Sheets (permit att. D), and mitigation plans?</p>	<p>Planning and Zoning Department 531 Speedwell Avenue Morris Plains, New Jersey 07950</p>

SPPP Form 6 – Ordinances

All records must be available upon request by NJDEP.

Ordinance permit cite IV.B.1.b.iii	Date of Adoption	Website URL	Was the DEP model ordinance adopted without change?	Entity responsible for enforcement
1. Pet Waste permit cite IV.B.5.a.i	08/19/05	morrisplainsboro.org	Yes	Zoning Official
2. Wildlife Feeding permit cite IV.B5.a.ii	08/19/05	morrisplainsboro.org	Yes	Zoning Official
3. Litter Control permit cite IV.B5.a.iii	08/19/05	morrisplainsboro.org	Yes	Zoning Official
4. Improper Disposal of Waste permit cite IV.B.5.a.iv	08/19/05	morrisplainsboro.org	Yes	Zoning Official
5. Containerized Yard Waste/ Yard Waste Collection Program permit cite IV.B.5.a.v	08/19/05	morrisplainsboro.org	Yes	Zoning Official
6. Private Storm Drain Inlet Retrofitting permit cite IV.B.5.a.vi	07/15/10	morrisplainsboro.org	Yes	Zoning Official
7. Stormwater Control Ordinance permit cite IV.B.4.g and IV.B.5.a.vii	09/02/10	morrisplainsboro.org g	Yes	Borough Engineer
8. Illicit Connection Ordinance permit cite IV.B.5.a.vii and IV.B.6.d	08/19/05	morrisplainsboro.org	Yes	Borough Engineer
9. Optional: Refuse Container/ Dumpster Ordinance permit cite IV.E.2	07/15/10	morrisplainsboro.org	Yes	Zoning Official

Indicate the location of records associated with ordinances and related enforcement actions:

Borough Clerk's Office.

SPPP Form 7 – Street Sweeping

All records must be available upon request by NJDEP.

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

All municipal streets are swept at least once a year in compliance with the NJPDES permit.

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

None

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

No

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

Records for street sweeping are kept at DPW, 10 Borough Terrace.

SPPP Form 8 – Catch Basins and Storm Drain Inlets

All records must be available upon request by NJDEP.

1. Describe the schedule for catch basin and storm drain inlet inspection, cleaning, and maintenance.

All inlets are inspected yearly. Depending on need and available DPW manpower, about 30% of inlets are cleaned and maintained each year.

2. List the locations of catch basins and storm drain inlets with recurring problems, i.e., flooding, accumulated debris, etc.

Route 202 railroad underpass.

3. Describe what measures are taken to address issues for catch basins and storm drain inlets with recurring problems and how they are prioritized.

Additional cleaning and maintenance are performed on those basins and inlets that have recurring problems.

4. Describe the inspection schedule and maintenance plan for storm drain inlet labels on storm drains that do not have permanent wording cast into the design.

The DPW, on a yearly basis, inspects and repairs storm drain inlet labels that are not permanently cast into the headpiece.

5. Indicate the location of records of catch basin and storm drain inlet inspections and the wet tons of materials collected during catch basin and storm drain inlet cleanings.

DPW at 10 Borough Terrace

SPPP Form 9 – Storm Drain Inlet Retrofitting

All records must be available upon request by NJDEP.

<p>1. Describe the procedure for ensuring that municipally owned storm drain inlets are retrofitted.</p>
<p>Whenever a municipal street is scheduled for paving, all inlets get retrofitted.</p>
<p>2. Describe the inspection process to verify that appropriate retrofits are completed on municipally owned storm drain inlets.</p>
<p>DPW is responsible for the inspection process to verify retrofits are completed.</p>
<p>3. Describe the procedure for ensuring that privately owned storm drain inlets are retrofitted.</p>
<p>Whenever a privately owned facility applies for a municipal approval, the Borough or its professionals ensure that all inlets are retrofitted.</p>
<p>4. Describe the inspection process to verify that appropriate retrofits are completed on privately owned storm drain inlets.</p>
<p>The Borough Engineer performs the inspection of the inlet retrofits during the construction of any privately owned project.</p>

SPPP Form 10 – Municipal Maintenance Yards and Other Ancillary Operations

All records must be available upon request by NJDEP.

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

Address of municipal yard or ancillary operation:

10 Borough Terrace, Morris Plains

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

Raw materials – pavers, inlet & manhole frames, stone

Intermediate products – fill dirt, wood chips

Final products – none

Waste materials – leaf debris

By-products – front end loaders, small tractors & trucks

Machinery – front end loaders. small tractors

Fuel –

Lubricants – stored inside

Solvents – stored inside

Detergents related to municipal maintenance yard or ancillary operations –
stored inside

Other –

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

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

1. Fueling Operations

Drip pans under hose/pipe connection during bulk transfer of fuel. Topping off of vehicles in view of fueling nozzle. Logs at DPW, 1 Borough Terrace.

2. Vehicle Maintenance

Conduct maintenance indoors. If done outside, avoid area near storm drains and block s

3. On-Site Equipment and Vehicle Washing

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

Manage washing activities so that there are no discharges to storm sewer inlets or water. Maintain logs and records of all equipment and vehicle washing operations. Logs at DPW

4. Discharge of Stormwater from Secondary Containment

If stormwater needs to be drained, the wastewater will be pumped and hauled offsite.

5. Salt and De-Icing Material Storage and Handling

Salt stored in permanent structure and structure is inspected and maintained. Minimize
Conduct loading/unloading during dry weather if possible. Sweep and clear storage

6. Aggregate Material and Construction Debris Storage

Store materials as to minimize runoff and aggregate runoff by use of berms, curbs, hayba

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

Road cleanup materials disposed of in accordance with NJAC 7:26-1.1. Store cleanup m
that is contained.

8. Yard Trimmings and Wood Waste Management Sites

All yard trimmings and wood waste are recycled at the Morris County Recycling Facility.

9. Roadside Vegetation Management

Vegetation is cut back. No herbicides used.

SPPP Form 11 – Employee Training

All records must be available upon request by NJDEP.

A. Municipal Employee Training: Stormwater Program Coordinator (SPC) must ensure appropriate staff receive training on topics in the chart below as required due to job duties assigned within three months of commencement of duties and again on the frequency below. Indicate the location of associated training sign in sheets, dates, and agendas or description for each topic.

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

B. Municipal Board and Governing Body Members Training: Required for individuals who review and approve applications for development and redevelopment projects in the municipality. This includes members of the planning and zoning boards, town council, and anyone else who votes on such projects. Training is in the form of online videos, posted at www.nj.gov/dep/stormwater/training.htm. Within 6 months of commencing duties, watch *Asking the Right Questions in Stormwater Review Training Tool*. Once per term thereafter, watch at least one of the online DEP videos in the series available under Post-Construction Stormwater Management. Indicate the location of records documenting the names, video titles, and dates completed for each board and governing body member.

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

SPPP Form 12 – Outfall Pipes

All records must be available upon request by NJDEP.

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

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

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

Yearly, all outfall pipes are inspected by DPW and/or the Borough Engineer. Locations of records is at DPW, 1 Borough Terrace.

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

Stream scour is investigated as part of the yearly inspection of outfall pipes. To date no cases of stream scour have been identified.

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

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

During dry weather conditions, outfall pipes are visually inspected for illicit discharges. To date, no occurrences of illicit discharges have been detected or observed by the Borough.

SPPP Form 13 – Stormwater Facilities Maintenance

All records must be available upon request by NJDEP.

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

DPW and the Borough Engineer inspect Borough owned or operated stormwater facilities on a regular basis. Cleaning and maintenance of these facilities are conducted as necessary to ensure long-term operation of these facilities.

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

The Borough does not currently maintain stormwater facilities not owned or operated by the Borough.

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

DPW, 1 Borough Terrace

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

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

SPPP Form 14 – Total Maximum Daily Load Information

All records must be available upon request by NJDEP.

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

Applicable Stream TMDL(s)

Report on the Establishment of a Total Maximum Daily Load for Fecal Coliform and an Interim Total Phosphorus Reduction Plan for the Whippany River Watershed.

Fecal Coliform - 1999: Whippany River: View the TMDL Document

Total Maximum Daily Load for Mercury Impairments Based on Concentration in Fish Tissue Caused by Mainly by Air Deposition to Address 122 HUC 14s Statewide.

Mercury - 2010: Whippany R (Lk Pocahontas to Wash Val Road): View the TDML Document

Total Maximum Daily Load Report for the Non-Tidal Passaic River Basin Addressing Phosphorus Impairments

Total Phosphorus - 2008: Greystone/Watnong Mtn. tribs: View the TDML Document

Total Maximum Daily Load Report for the Non-Tidal Passaic River Basin Addressing Phosphorus Impairments

Total Phosphorus - 2008: Malapardis Brook: View TMDL Document

Total Maximum Daily Load Report for the Non-Tidal Passaic River Basin Addressing Phosphorus Impairments

Total Phosphorus - 2008: Whippany R (Malapardis to Lk Pocahontas): View the TMDL Document

Total Maximum Daily Load Report for the Non-Tidal Passaic River Basin Addressing Phosphorus Impairments

Total Phosphorus - 2008: Whippany R (Lk Pocahontas to Wash Val Road): View the TMDL Document

Applicable Lake TMDL(s)

None.

Applicable Shellfish TMDL(s)

None.

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

The land disturbance activity that occurs during stormwater facility maintenance projects will have all soil erosion and sediment protection measures put in place so that stormwater flow does not contribute to the parameters within the TMDL reports. Special prioritization is not necessary as long as precautionary measures are taken.

SPPP Form 15 – Optional Measures

All records must be available upon request by NJDEP.

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

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

Yes

