

Stormwater Pollution Prevention Plan

Town of Morristown

Morris County

NJPDES #NJG0153079

Revised through 04/5/2022

SPPP Table of Contents

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

SPPP Form 1 – SPPP Team Members

All records must be available upon request by NJDEP.

Stormwater Program Coordinator (SPC)	
Print/Type Name and Title	Anthony M. DeVizio, P.E., P.L.S. – Town Engineer
Office Phone # and Email	973-644-4361 a-devizio@townofmorristown.org
Signature/Date	
Individual(s) Responsible for Major Development Project Stormwater Management Review	
Print/Type Name and Title	Michael Cristaldi – Alaimo Associates Redevelopment Board Engineer
Print/Type Name and Title	Charles Carley – Delaware-Raritan Engineering Planning Board Engineer
Print/Type Name and Title	Stanley Schrek – Van Cleef Engineering Zoning Board of Adjustment Engineer
Print/Type Name and Title	Andrew Hipolit – Colliers Engineering General Engineering Consultant
Print/Type Name and Title	
Other SPPP Team Members	
Print/Type Name and Title	PUBLIC NOTICE COORDINATOR Margot G. Kaye – Town Clerk
Print/Type Name and Title	LOCAL PUBLIC EDUCATION COORDINATOR *Vacant* Interim = Jillian C. Barrick – Business Administrator
Print/Type Name and Title	ORDINANCE COORDINATOR David L. Minchello – Town Attorney
Print/Type Name and Title	PUBLIC WORKS COORDINATOR / EMPLOYEE TRAINING COORDINATOR Joseph Curlo – Superintendent of Public Works
Print/Type Name and Title	
Print/Type Name and Title	

SPPP Form 2 – Revision History

All records must be available upon request by NJDEP.

	Revision Date	SPC Initials	SPPP Form Changed	Reason for Revision
1.	4-28-05	JSH	Team Members, 10 - Ordinances	Include new Team Members and Newly-Adopted Ordinances
2.	3-22-13	JSH	Team Members	Include New Team Members
3.	3-23-18	AMD	Team Members	Include New Team Members
4.	3-24-21	AMD	Team Members, Overall Update	Include New Team Members, Provide Overall Update and Convert to New Format from DEP
5.	3-25-21	AMD	Form 4, Sec 1	Addressing COVID and Public Education and Outreach
6.	7-14-21	RVP	Various	Website URL Updates
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18.				
19.				
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:	Link location on Town Website: <ul style="list-style-type: none">• https://www.townofmorristown.org/stormwater
2. Date of most current SPPP:	7-14-2021
3. Website URL where the Municipal Stormwater Management Plan (MSWMP) is posted online:	4. https://www.townofmorristown.org/stormwater
5. Date of most current MSWMP:	September, 2021
6. Physical location and/or website URL where associated municipal records of public notices, meeting dates, minutes, etc. are kept:	Morristown Town Hall Town Clerk, 1 st Floor 200 South Street, Morristown, NJ 07963-0914
7. Describe how the permittee complies with applicable state and local public notice requirements when providing for public participation in the development and implementation of a MS4 stormwater program:	
<p>For meetings where public notice is required under open Public Meetings Act ("Sunshine Law, "N.J.S.A. 10:4-6 et. seq.), The Town of Morristown provides public notice in a manner that complies with the requirements of that Act. Also, in regard to the passage of ordinances, The Town of Morristown provides public notice in a manner that complies with the requirements of N.J.S.A. 40:49-1 et seq. In addition, for the municipal actions (e.g. adoption of the municipal stormwater management plan) subject notice requirements in the Municipal Land Use Law (N.J.S.A. 40:55D-1 et seq.), The Town of Morristown complies with these requirements</p>	

SPPP Form 4 – Public Education and Outreach

All records must be available upon request by NJDEP.

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

For our annual distribution, DPW hand-delivers the NJDEP brochures “Solutions to Stormwater Pollution” and “Pet Waste Pollutes Our Waters” to our residents and businesses along with Town recycling calendar, both of which are distributed by Public Works in January each year. Copies are also mailed upon request. Town’s website also has the following NJDEP educational brochures available: “Solutions to Stormwater Pollution”, “Pet Waste Pollutes Our Waters”, and “How To Be A Clean Water Rainger”.

Our annual Fall Festival is held each year in the center of Morristown with the exception of 2020 due to COVID restrictions. This is held in September each year at the Morristown Green. Annual attendance in the past is estimated at 50,000 for this all day event. The Town of Morristown has a booth where we distribute stormwater educational materials called out above along with the Town's sanitation and recycling information. In addition, administration invites our high school environmental club, local watershed group, and other environmental groups to set up their own booths during this event should they be interested.

Website URL for educational information: <https://www.townofmorristown.org/stormwater>

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 hazards associated with illicit connections and improper disposal of waste are included in the content of the materials disseminated to or made available to the public as detailed in Item #1 above and on the Town website.

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

The records are on file at the Business Administrators Office, Morristown Town Hall, 200 South Street, Morristown, NJ 07963

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’?	The Town has adopted NJDEP's definition of “major development” contained in the Stormwater Management Rules (N.J.A.C. 7:8) latest update.
2. Does the municipality approach residential projects differently than it does for non-residential projects? If so, how?	All projects, whether residential or non-residential, are reviewed for compliance with zoning regulations, the stormwater management rules, and other laws and adopted design standards, as applicable to them.
3. What process is in place to ensure that municipal projects meet the Stormwater Control Ordinance?	The majority of municipal projects are designed in house by the Engineering Department with consideration for the Stormwater Control Ordinance. Any projects designed by consultants are required to comply with the Stormwater Ordinance and consultants look for compliance as part of their self-checking / quality control protocol. In-house Engineering staff will also look for compliance as part of the final review before accepting the final deliverables.
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.	<ul style="list-style-type: none"> • Receive application. • Acquire resource data; NJDEP GeoWeb, Commercially available GIS, USDA NRCS Soil Survey, FEMA NFIP FIRM, Tax Map, Sanborn Fire Insurance Maps, NJDOT Straight-Line Diagrams, etc. • Inspect project site to assure conformity of plans/reports to site conditions. • Determine applicability of regulations, particularly whether project meets 'major development' criteria. • Assure that stormwater management facility design plans/reports meet the submittal requirements established by NJAC 7:8, "Stormwater Management," Morristown 30, "Land Development Ordinance," and/or the NJ Standards for Soil Erosion & Sediment Control. This includes NJDEP-promulgated checklists, NJDEP-promulgated spreadsheets, and methodologies promulgated by NJAC 7:8. If submittals are lacking, require materials to be provided. • Assure that submitted stormwater management facility design plans/reports have been prepared correctly.

<ul style="list-style-type: none"> • Prepare report of observations and recommendations to the Planning Board. 	
<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>Town Hall, Zoning Office, 2nd Floor 200 South Street, Morristown, NJ 07963</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	O-44-04 12/17/04	https://www.townofmorristown.org/stormwater	Yes	Animal Control
2. Wildlife Feeding permit cite IV.B.5.a.ii	O-46-04 12/17/04	https://www.townofmorristown.org/stormwater	Yes	Animal Control
3. Litter Control permit cite IV.B.5.a.iii	O-06-80 4-22-80	https://www.townofmorristown.org/stormwater	Yes	Property Maintenance, Police
4. Improper Disposal of Waste permit cite IV.B.5.a.iv	O-45-04 12/17/04	https://www.townofmorristown.org/stormwater	Yes	Property Maintenance, DPW
5. Containerized Yard Waste/ Yard Waste Collection Program permit cite IV.B.5.a.v	O-06-80 4/22/80	https://www.townofmorristown.org/stormwater	Yes	DPW
6. Private Storm Drain Inlet Retrofitting permit cite IV.B.5.a.vi	O-19-12 8/14/12	https://www.townofmorristown.org/stormwater	Yes	DPW
7. Stormwater Control Ordinance permit cite IV.B.4.g and IV.B.5.a.vii	O-03-21 4/13/21	https://www.townofmorristown.org/stormwater	Yes	Land Use Boards, DPW
8. Illicit Connection Ordinance permit cite IV.B.5.a.vii and IV.B.6.d	O-45-04 12/17/04	https://www.townofmorristown.org/stormwater	Yes	DPW
9. Optional: Refuse Container/ Dumpster Ordinance (optional) permit cite IV.E.2	Town Code Chapter 18-7, ; Chapter 25- 10.6	https://ecode360.com/34249076?highlight=dumpsters&searchId=8810556240735469#34249076 https://ecode360.com/34250325?highlight=containers,dumpster,refuse&searchId=8810556240735469#34250325		Property Maintenance, DPW

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

Morristown Town Hall
Town Clerk, 1st Floor
200 South Street, Morristown, NJ 07963-0914

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 roads in Town are swept. The Town of Morristown sweeps all streets weekly in the Spring season thru the Fall. (Winter months only when temperatures permit). In addition, the Town also provides a night sweeper service that takes care of the sweeping of the entire business district and all county and state roads leading in and out of Town nightly.

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.

All roads in Town are swept. The Town of Morristown sweeps all residential streets weekly in the Spring season thru the Fall.(Winter months only when temperatures permit). **In addition**, the Town also provides a night sweeper service that takes care of the sweeping of the entire business district and **all county and state roads** leading in and out of Town nightly.

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.

Morristown Department of Public Works, 310 East Hanover Avenue, Morristown, NJ 07960

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.
DPW performs storm drain inspection and cleaning. Further, prior to major storms, crews are sent out to clean off tops of storm drains of all debris. The crews are directed to report all problem drains i.e. collapse, inner debris and drains not flowing. If more attention to a particular storm drain is required at that time, it is entered onto a storm drain cleaning/repair list, then scheduled for repair. Logs of this activity can be furnished by the supervisor of DPW.
2. List the locations of catch basins and storm drain inlets with recurring problems, i.e., flooding, accumulated debris, etc.
Columba Street low point, Pine Street low point, Cutler Street at Mills, Lidgerwood Park behind tennis courts, Budd Street culvert inlet.
3. Describe what measures are taken to address issues for catch basins and storm drain inlets with recurring problems and how they are prioritized.
Areas requiring enhanced maintenance or repairs are placed on a corresponding list by DPW for appropriate action. Any location exhibiting greater deficiencies that are not remedied by the above are forwarded to the Engineering Division for further investigation, study, and remediation. Lists are prioritized by frequency and severity of flooding, as well as potential for property damage and actual occurrences of property damage.
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.
DPW inspects for inlet labeling deficiencies during routine maintenance and cleaning and performs any required re-lettering. As part of the yearly milling and resurfacing program, Engineering inspects the inlets on all roads to be paved and has any non-stormwater-compliant inlet heads replaced with compliant ones bearing permanent lettering.
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.
Morristown Department of Public Works, 310 East Hanover Avenue, Morristown, NJ 07960

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>All applicable storm drains in Town have either been retrofitted or replaced with stormwater-compliant heads/eco inserts/grates. Any deficient locations noted during routine DPW inspections and maintenance are repaired or replaced by DPW or a Town contractor. As part of the yearly milling and resurfacing program, Engineering inspects the inlets on all roads to be paved and has any non-stormwater-compliant inlet heads replaced with compliant ones bearing permanent lettering.</p>
<p>2. Describe the inspection process to verify that appropriate retrofits are completed on municipally owned storm drain inlets.</p>
<p style="text-align: center;">See Item #1 above</p>
<p>3. Describe the procedure for ensuring that privately owned storm drain inlets are retrofitted.</p>
<p>Town Stormwater Control Ordinance 0-3-2021 requires owners of private property that repave, repair, resurface and or install impervious surfacers that is in direct contact with an existing storm drain inlet, to retrofit said storm drain inlet to be compliant with stormwater control ordinance and that will control/reduce intrusions of solid and floatable materials. Projects involving Town Board approvals are reviewed by Board Engineer to make sure plans show existing storm inlets are shown as being retrofitted.</p>
<p>4. Describe the inspection process to verify that appropriate retrofits are completed on privately owned storm drain inlets.</p>
<p>Varies based on approvals. Board Engineer inspects larger projects for compliance; Zoning and or Building Department will inspect work site for compliance. Engineering will inspect smaller projects relating to on site soil disturbance permits.</p>

SPPP Form 10 – Municipal Maintenance Yards and Other Ancillary Operations

All records must be available upon request by NJDEP.

<i>Complete separate forms for each municipal yard or ancillary operation location.</i>		
Address of municipal yard or ancillary operation:		
List all materials and machinery located at this location that are exposed to stormwater which could be a source of pollutant into a stormwater discharge:	DPW Garage	Lake Road Recycling Center
Raw materials	None	covered salt dome
Intermediate products	None	gravel, sand, topsoil
Final products	None	wood chips, mulch
Waste materials	None	None
By-products	None	wood chips, mulch
Machinery	DPW maintained vehicles	DPW maintained loader
Fuel	None	None
Lubricants	None	None
Solvents	None	None
Detergents related to municipal maintenance yard or ancillary operations	None; no on-site washing	None; no on-site washing
Recyclables	None	Enclosed trailers for cardboard, electronics, plastic, glass, tires; open containers for DPW temporary storage of concrete and HMA debris

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

Fueling operations are carried out at Morris County Maintenance Garage.
Logs and tracking forms are available at Morris County Maintenance Garage.

2. Vehicle Maintenance

Vehicle maintenance is carried out at Morristown Department of Public Works Garage
310 East Hanover Avenue, Morristown, NJ 07960

3. On-Site Equipment and Vehicle Washing

Municipal vehicles are not washed on site and are washed at private car wash on Hanover Avenue.

4. Discharge of Stormwater from Secondary Containment

N/A if pertaining to 1, 2 or 3 above.
No floor drains in garage. No fueling on site. No vehicle washing on site.

5. Salt and De-Icing Material Storage and Handling

<p>The Town of Morristown DPW currently utilizes Morris County co-op shared services for de-icing salt and sand. Salt and sand are located on Morris County Garage facility outside of Morristown. Morris County has its own SPPP. Morristown has a covered storage bay at its recycling facility at Lake Road.</p>
<p>6. Aggregate Material and Construction Debris Storage</p>
<p>Lake Road Recycling Center - 90 Lake Road, Morristown, NJ 07960 has some roll offs for use by DPW to collate various roadway debris encountered. Materials are separated by asphalt and concrete. Construction debris is not accepted by the Town.</p>
<p>7. Street Sweepings, Catch Basin Clean Out and Other Material Storage</p>
<p>Materials generated above from street sweeping and cleaning out inlets/catch Basins is collated by a Morris County Co-Op Contractor for transport and disposal at regulated facility.</p>
<p>8. Yard Trimmings and Wood Waste Management Sites</p>
<p>Lake Road Recycling Center - 90 Lake Road, Morristown, NJ 07960</p>
<p>9. Roadside Vegetation Management</p>
<p>Morristown has mostly improved roadways with curbing and sidewalks. In areas that are not improved whole or in part, Morristown will utilize manpower and select equipment to cut back brush and debris and collect said cuttings. No herbicides are used in/along roadsides.</p>

SPPP Form 11 – Employee Training

All records must be available upon request by NJDEP.

<p>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.</p>		
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	Engineering
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	Engineering
7. Outfall Pipe Stream Scouring Detection and Control	Every 2 years	Engineering
8. Waste Disposal Education	Every 2 years	DPW
9. Municipal Ordinances	Every 2 years	Engineering
10. Construction Activity/Post-Construction Stormwater Management in New Development and Redevelopment	Every 2 years	Engineering
<p>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 <i>Asking the Right Questions in Stormwater Review Training Tool</i>. 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. Town Hall, 200 South Street, Morristown, NJ 07963</p>		
<p>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. Town Hall, 200 South Street, Morristown, NJ 07963</p>		

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.

➤ <https://www.townofmorristown.org/stormwater>

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.

Outfalls are inspected yearly as required for illicit connection inspections. Records are at:

Town Hall, 200 South Street, Morristown, NJ 07963

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.

Inspections for scouring are conducted yearly in tandem with illicit connection inspections. Any areas needing attention are noted and addressed under that year's annual Curb, Sidewalk, and Drainage Improvements – Various Locations project.

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.

Outfalls are inspected yearly as required. Dry weather flows are visually inspected for signs of illicit connections and any further testing is conducted by a 3rd party laboratory via spectrophotometer with samples collected by Town personnel.

Records and forms are at: Town Hall, 200 South Street, Morristown, NJ 07963

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's regular inspection and maintenance program detailed in the preceding sections identifies and corrects most basic deficiencies covered under routine maintenance. DPW will report to the Engineering Division any formidable clogs, failures, or other deficiencies falling outside the scope of regular maintenance. Engineering, under the Town's Capital Improvement Program, will have storm lines and structures TV inspected and cleaned by an outside contractor, have any more in-depth studies conducted in-house or by one of the Town's Engineering Consultants, and address necessary improvements under the Town's yearly Curb, Sidewalk, and Drainage Improvements – Various Locations project administered in part to address these matters.

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.

Accumulation of standing water, including such from clogged drains, is a violation of the Town's Property Maintenance Code. As such, any issues causing ponding on private property that are observed by or reported to Town personnel are addressed with the property owner by the Town's Property Maintenance Division, including issuance of summonses if necessary, until the problem is remediated and system functionality is restored.

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.

Morristown Department of Public Works, 310 East Hanover Avenue, Morristown, NJ 07960

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.

As included in our Stormwater Management Plan:

Total Maximum Daily Loads as mentioned previously, Sub-list 5 of the NJDEP Ambient Biomonitoring Network (AMNET) Integrated List constitutes the list of waters impaired or threatened by pollutants, for which one or more TMDLs are needed. The Whippany River is included on Sub-list 5. The Whippany River TMDL indicates that a 58.5% reduction on overall nonpoint source loads is necessary to achieve the target conditions for fecal coliform concentrations. The TMDL identified the sources of fecal coliform as malfunctioning or older, improperly sized septic systems (not applicable to Morristown); Canada geese, waterfowl, and other wildlife; pet waste; and stormwater basins which act as an accumulation point for fecal matter. Implementation strategies may / have include adoption of ordinances addressing wildlife and pet waste, retrofitting stormwater systems, and other stormwater best management practices (BMPs).

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

Total Maximum Daily Loads information is made part of Morristown's Stormwater Management Plan (SMP); SMP is consistent with Residential Site Improvement Standards (RSIS) N.J.A.C. 5:21 and is incorporated into Morristown's Land Development Ordinance utilized by Zoning for development projects wherein projects are reviewed from a performance standard toward minimize the adverse impact of stormwater runoff on water quality and water quantity and groundwater recharge (when possible). See Stormwater Management Plan (MSWMP) for more information: <https://www.townofmorristown.org/stormwater>

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.

Under the Town's Land Disturbance Regulations, portions of NJDEP's stormwater BMPs are applied to any activity disturbing over 500 s.f. or 10 c.y. of soil or rock, with limited opportunities for exemptions from the Town's requirements. The municipality requires demonstration of zero increase in stormwater runoff volume and peak flow rate from the site between pre- and post-construction conditions for the two-, ten-, and 100-year storms. On-site groundwater recharge is encouraged, most typically occurring via seepage pits which provide 80% TSS removal.

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

<https://ecode360.com/34249076?highlight=dumpsters&searchId=8810556240735469#34249076>

<https://ecode360.com/34250325?highlight=containers,dumpster,refuse&searchId=8810556240735469#34250325>