

**BOROUGH OF MONTVALE  
BERGEN COUNTY  
NEW JERSEY**

**STORMWATER POLLUTION PREVENTION PLAN**

NJPDES MUNICIPAL STORMWATER REGULATION PROGRAM

NJPDES: NJG0153761

PI#: 223084

Effective Date of Permit Authorization: April 1, 2004

Revised: June 1, 2009

Revised: December 2019

Revised: December 2020

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## SPPP Form 1 – SPPP Team Members

All records must be available upon request by NJDEP.

<b>Stormwater Program Coordinator (SPC)</b>	
Print/Type Name and Title	Andrew R. Hipolit, P.E., P.P., C.M.E., C.P.W.M.
Office Phone # and email	973-398-3110 x4508; AHipolit@MaserConsulting.com
Signature/Date	 <span style="float: right; vertical-align: middle;">12/22/2020</span>
<b>Individual(s) Responsible for Major Development Project Stormwater Management Review</b>	
Print/Type Name and Title	Andrew R. Hipolit, P.E., P.P., C.M.E., C.P.W.M., Maser Consulting, Borough Engineer
Print/Type Name and Title	
Print/Type Name and Title	
Print/Type Name and Title	
Print/Type Name and Title	
<b>Other SPPP Team Members</b>	
Print/Type Name and Title	Robert Culvert, Senior Manager, Maser Consulting
Print/Type Name and Title	Richard Campanelli, Superintendent Department of Public Works
Print/Type Name and Title	Christopher Dour, P.E., P.P., Maser Consulting

## 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.	06/2009	ARH	ARH	Revision No. 1
2.	11/2019	ARH	ARH	Revision No. 2
3.	12/2020	ARH	ARH	Revision No. 3 – Updated Stormwater Outfall Location Map, Ordinance Renumbering, Revised Ordinances
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## SPPP Form 3 – Public Involvement and Participation Including Public Notice

All records must be available upon request by NJDEP.

1. Website URL where the Stormwater Pollution Prevention Plan (SPPP) is posted online:	<a href="http://www.montvale.org">www.montvale.org</a> . Stormwater Management is contained in Chapter 344 of the Ordinance, which can be found under Borough Code on the website.
2. Date of most current SPPP:	December 22, 2020
3. Website URL where the Municipal Stormwater Management Plan (MSWMP) is posted online:	<a href="http://www.montvale.org">www.montvale.org</a>
4. Date of most current MSWMP:	May, 2020
5. Physical location and/or website URL where associated municipal records of public notices, meeting dates, minutes, etc. are kept:	Borough of Montvale Borough Hall 12 Mercedes Drive Montvale, New Jersey 07645
6. Describe how the permittee complies with applicable state and local public notice requirements when providing for public participation in the development and implementation of a MS4 stormwater program:	<p>For meetings where public notice is required under the Open Public Meetings Act ("Sunshine Law", N.J.S.A. 10:4-6 et seq.), Montvale Borough provides public notice in a manner that complies with the requirements of that Act. Also, in regard to the passage of ordinances, Montvale Borough provides public notice in a manner that complies with the requirements of N.J.S.A. 40:49-1 et seq. In addition, for municipal actions (e.g., adoption of the municipal stormwater management plan) subject to public notice requirements in the Municipal Land Use Law (N.J.S.A. 40:55D-1 et seq.) Montvale Borough complies with those 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.

The Borough has developed a Local Education program and has conducted education activities required by the permit. The Education Activities conducted include the following:

1. A Stormwater Display had been prepared and displayed at Borough Hall.
2. Department materials have been utilized in the preparation of the Stormwater Display, the training for elected officials, and the mailings to Borough Residents.
3. Stormwater Training was conducted for elected officials and appointed Board members.
4. The brochure was distributed and/or included with our past Borough newsletter. Extra copies have been made available at our county library and at our municipal building.

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

Montvale adopted Ordinance No. 2006-1253 on May 9, 2006 defining an illicit connection as;

Chapter 341-2 - Any physical or nonphysical connection that discharges domestic sewage, noncontact cooling water, process wastewater, or other industrial waste (other than stormwater) to the municipal separate storm sewer system operated by the Borough of Montvale, unless that discharge is authorized under a NJPDES permit other than the Tier A municipal stormwater general permit (NJPDES permit number NJ0141852). Nonphysical connections may include, but are not limited to, leaks, flows, or overflows into the municipal separate storm sewer system.

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

Borough Hall, 12 Mercedes Drive, Montvale, New Jersey 07645

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

All records must be available upon request by NJDEP.

1. How does the municipality define ‘major development’?
Any development that provides for ultimately disturbing one or more acres of land. "Disturbance," for the purpose of this rule, is the placement of impervious surface or exposure and/or movement of soil or bedrock or clearing, cutting, or removing of vegetation.
2. Does the municipality approach residential projects differently than it does for non-residential projects? If so, how?
The Ordinances established for each Zone in the Borough restrict the size of the development through the Limiting Schedule. The Limiting Schedule establishes the required setbacks, building and lot coverages. Any increase in impervious coverage with new development requires stormwater management controls be installed to limit any potential runoff to less than pre-development levels.
3. What process is in place to ensure that municipal projects meet the Stormwater Control Ordinance?
Municipal projects are overseen by the Borough Engineer who is responsible for their compliance with the Stormwater Management Ordinance. Specifications for each municipal project include reference to compliance with local, County and State requirements. In addition, the Borough Construction Official is also the Zoning Official and can write summonses for non-compliance.
4. Describe the process for reviewing major development project applications for compliance with the Stormwater Management Ordinance and Residential Site Improvement Standards (RSIS). Attach a flow chart if available.
<p>To control stormwater from new development and redevelopment projects throughout Montvale Borough (including projects we operate) we do the following:</p> <p>We are ensuring that all new residential development and redevelopment projects that are subject to the Residential Site Improvement Standards for stormwater management (including the NJDEP Stormwater Management rules, N.J.A.C. 7:8, referenced in those standards) are in compliance with those standards. Our combined planning and zoning board (Planning Board) ensures such compliance before issuing preliminary or final subdivision or site plan approvals under the Municipal Land Use Law.</p> <p>We are ensuring adequate long-term operation and maintenance of Best Management Practices (BMP's) for all Borough projects by requiring a project maintenance plan similar to the maintenance plan required by our Stormwater Management Ordinance (Ordinance), and by requiring and funding the implementation of that plan. We also require any storm drain inlets that we install to comply with the latest design standards. We are ensuring such operation and maintenance for any new development or redevelopment projects on our property by complying with the maintenance requirements in that Ordinance. In addition, all storm drain inlets we install for such projects will comply with that Ordinance's standard for such inlets.</p>

The Stormwater Management Ordinance, which is administered by our Planning Board and the Construction Official, controls stormwater from non-residential development and redevelopment projects. Where it is necessary to implement the municipal stormwater management plan, the approved Ordinance also controls aspects of residential development and redevelopment projects that are not subject to the Residential Site Improvement Standards.

For any BMP that is installed in order to comply with the requirements of our post-construction program, Montvale Borough ensures adequate long-term operation as well as preventative and corrective maintenance (including replacement) of BMPs. For BMPs on private property that we do not own or operate, Montvale Borough ensures compliance by adopting and enforcing a provision in the municipal stormwater control ordinance that requires the private entity to perform the operation and maintenance requirements, pursuant to the SPPP Form, with penalties if the private entity does not comply. If, for example, the private entity does not perform the required maintenance, the Borough can perform the maintenance and charge the private entity.

Montvale Borough also enforces, through the Municipal Stormwater Management Ordinance, compliance with the latest design standards to control passage of solid and floatable materials through storm drain inlets. For most projects, such compliance is achieved either by conveying flows through a trash rack as described in the “Alternative Device Exemptions”, or (for flows not conveyed through such a trash rack), by installation of 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.

5. Does the Municipal Stormwater Management Plan include a mitigation plan?

No formal plan is in place as mitigation would be site and stormwater control specific.

6. What is the physical location of approved applications for major development projects, Major Development Summary Sheets, and mitigation plans?

Montvale Borough Hall  
12 Mercedes Drive  
Montvale, NJ 07645



## SPPP Form 6 – Ordinances

All records must be available upon request by NJDEP.

Ordinance	Date of Adoption	Website URL	Was the DEP model ordinance adopted without change?	Entity Responsible for Enforcement
1. Pet Waste	6/5/2006	<a href="http://www.montvale.org">www.montvale.org</a> Chapter 408	Yes	Health Department
2. Wildlife Feeding	1/14/1998	<a href="http://www.montvale.org">www.montvale.org</a> Chapter 457	Yes	Health Department
3. Litter Control	8/20/68; amended 9/13/88	<a href="http://www.montvale.org">www.montvale.org</a> Chapter 252	Yes	Health & Police Department
4. Improper Disposal of Waste	11/24/2020	<a href="http://www.montvale.org">www.montvale.org</a> Chapter 341	Yes	Zoning
5. Containerized Yard Waste/Yard Waste Collection Program	9/27/2012	<a href="http://www.montvale.org">www.montvale.org</a> Chapter 332	Yes	Zoning
6. Private Storm Drain Inlet Retrofitting	9/14/2010	<a href="http://www.montvale.org">www.montvale.org</a> Chapter 341	Yes	Engineering/ DPW
7. Stormwater Control Ordinance	12/29/2020	<a href="http://www.montvale.org">www.montvale.org</a> Chapter 344	Yes	Engineering/ DPW
8. Illicit Connection Ordinance	5/9/2006	<a href="http://www.montvale.org">www.montvale.org</a> Chapter 341	Yes	Engineering/ DPW
9. Optional: Refuse Container/Dumpster	9/14/2010	<a href="http://www.montvale.org">www.montvale.org</a> Chapter 344	Yes	Zoning/ Construction Official
Indicate the location of records associated with ordinances and related enforcement actions:				
Montvale Borough Hall 12 Mercedes Drive Montvale, NJ 07645				

## 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.
Montvale Borough currently sweeps all municipal streets six (6) times per year. This effort is increased on an as-needed basis. Business areas and main thoroughfares are swept monthly. The sweeping is performed by an outside contractor.
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.
N/A. Although the Borough has a DPW shared services agreement with River Vale, street sweeping is still done on all Borough streets by an outside contractor.
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.
Department of Public Works, Borough of River Vale, 320 River Vale Road, River Vale, NJ 07675

## 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.
Montvale Borough has implemented an annual catch basin cleaning program to maintain catch basin function and efficiency. All catch basins are inspected once each year and cleaned if found to contain sediment, trash, or debris. If, at the time of inspection, no sediment, trash or debris are observed in the catch basin, then that catch basin is not cleaned. All catch basins are inspected yearly, even if they were found to be "clean" the previous year. At the time of cleaning, the catch basins are also inspected for proper function. Maintenance is performed for those catch basins that are in disrepair.
2. List the locations of catch basins and storm drain inlets with recurring problems, i.e., flooding, accumulated debris, etc.
N/A
3. Describe what measures are taken to address issues for catch basins and storm drain inlets with recurring problems and how they are prioritized.
N/A
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.
<p>All newer projects have the Eco "Dump No Waste – Drains to Waterways" language permanently labeled from the foundry.</p> <p>For older storm drains, an inlet labeling program was coordinated with our local Girl Scout and Boy Scout groups, and the High School Environment Club.</p> <p>Where it was practical, they did the labeling for us. In areas where it was not safe for the volunteer groups, our Public Works Department did the labeling. We utilized summer help to augment full-year DPW staff in this effort. One hundred percent (100%) of all storm drain inlets that are along municipal streets, within plazas, parking areas, or maintenance yards that are operated by Montvale Borough have been labeled.</p> <p>Where the labeling was done by volunteer groups, we used stencils that read "No Dumping – Drains by Waterway" with a picture of a fish next to it. Where the labeling was done by the Public Works Department we used plastic labels ordered from an approved vendor that was applied using adhesive. We used these two (2) different techniques because we felt that the volunteers who were doing the labeling will benefit the most from this program. However, we felt that having our Public Works Department constantly labeling and re-</p>

labeling the same areas would be more of a nuisance, so they used the plastic labels that only need to be applied once.

During our annual catch basin cleaning program, we check these labels to ensure that they are still visible, and if they are not, we will ensure that the labels are replaced immediately.

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

Department of Public Works, Borough of River Vale, 320 River Vale Road, River Vale, NJ 07675

## SPPP Form 9 – Storm Drain Inlet Retrofitting

All records must be available upon request by NJDEP.

1. Describe the procedure for ensuring that municipally-owned storm drain inlets are retrofitted.
For most projects, the Borough of Montvale will use the N.J.D.O.T. bicycle-safe grates and (if needed) a curb opening with a clear space no bigger than two (2) inches across the smallest dimension. All newer projects have the Eco “Dump No Waste – Drains to Waterways” language permanently labeled from the foundry.
2. Describe the inspection process to verify that appropriate retrofits are completed on municipally-owned storm drain inlets.
As part of any road project or improvement close out, inlets are inspected to verify that they meet the specifications established for the project and are in compliance with the regulations.
3. Describe the procedure for ensuring that privately owned storm drain inlets are retrofitted.
The Applicant for each project is required to provide an as-built that includes topographic information to verify that the project was built in accordance with the approved plans.
4. Describe the inspection process to verify that appropriate retrofits are completed on privately owned storm drain inlets.
If the retrofits are installed as part of a construction permit, the Borough will inspect these installations as part of the project close out/certificate of occupancy permits.

## 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:

DPW Building, Memorial Drive, Montvale, NJ 07645, and

River Vale DPW, 320 Rivervale Road, River Vale, NJ 07675

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 – None.

Intermediate products – None.

Final products – None.

Waste materials – overed and/or in covered dumpsters.

By-products – None.

Machinery – Garaged.

Fuel – N/A. Fueling operations done in neighboring Park Ridge Borough as part of an inter-local agreement.

Lubricants – Garaged.

Solvents – Garaged.

Detergents related to municipal maintenance yard or ancillary operations – Garaged.

Other – N/A

<p>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.</p> <p>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.</p>	
1. Fueling Operations	
	Borough vehicles are fueled in the Borough of Park Ridge by prior agreement.
2. Vehicle Maintenance	
	Standard operating procedures have been established for the maintenance of municipal vehicles and equipment.
3. On-Site Equipment and Vehicle Washing	
	The DPW employs a private company for vehicle fleet and equipment washing.
4. Discharge of Stormwater from Secondary Containment	
	N/A
5. Salt and De-Icing Material Storage and Handling	
	Montvale Borough currently stores its de-icing salt in a salt shed constructed in 2020 adjacent to the DPW garage on Memorial Drive.
6. Aggregate Material and Construction Debris Storage	
	N/A

7. Street Sweepings, Catch Basin Clean Out and Other Material Storage
Once collected, debris is brought to the DPW yard and loaded in a roll-off container and covered and eventually hauled away for disposal.
8. Yard Trimmings and Wood Waste Management Sites
The Borough maintains a yard trimming and wood waste management facility behind the Senior Center on Memorial Drive. This material is periodically removed from the site in order to manage the site capacity.
9. Roadside Vegetation Management
The Borough will periodically trim vegetation on an as needed basis.



## SPPP Form 11 – Employee Training

All records must be available upon request by NJDEP.

<p><b>A. Municipal Employee Training:</b> 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	Rich Campanelli, Superintendent, River Vale-Montvale DPW
2. Stormwater Facility Maintenance	Every year	Rich Campanelli
3. SPPP Training & Recordkeeping	Every year	Rich Campanelli
4. Yard Waste Collection Program	Every 2 years	Rich Campanelli
5. Street Sweeping	Every 2 years	Rich Campanelli
6. Illicit Connection Elimination and Outfall Pipe Mapping	Every 2 years	Rich Campanelli
7. Outfall Pipe Stream Scouring Detection and Control	Every 2 years	Rich Campanelli
8. Waste Disposal Education	Every 2 years	Rich Campanelli
9. Municipal Ordinances	Every 2 years	Rich Campanelli
10. Construction Activity/Post-Construction Stormwater Management in New Development and Redevelopment	Every 2 years	Rich Campanelli

**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](http://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.

**The Borough Engineer maintains these records. All applicable Borough personnel watched the Asking the Right Questions video.**

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](http://www.nj.gov/dep/stormwater/training.htm). Indicate the location of the DEP certificate of completion for each reviewer. **These certificates are on file with the Borough Engineer.**

## 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.

The existing map dated December 16, 2020 is attached as a .pdf with this submission. An electronic version was submitted to the NJDEP on December 21, 2020.

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

The outfalls are inspected during the first quarter of every year. Records are maintained at the Borough Engineers office.

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.

When we perform the outfall inspections, we check all of our outfall pipes for signs of scouring. All sites that are found to have scouring have been placed on a prioritized list and repairs are made in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey. Repairs that did not need NJDEP permits for those repairs were completed first.

We follow-up each repair with an annual inspection of the site to ensure that scouring has not resumed.

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](http://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.*

We conducted a physical inspection of all of the outfall pipes during the mapping process and found no illicit connections.

Outfall pipes that are found to have a dry weather flow or evidence of an intermittent non-stormwater flow during future inspections will be rechecked again to locate the illicit connection. If we are able to locate the illicit connection (and the connection is within Montvale Borough), we will cite the responsible party for being in violation of our Illicit Connection Ordinance, and we will have the connection eliminated immediately. If, after the appropriate amount of investigation, we are unable to locate the source of the illicit connection, we will submit the Closeout Investigation Form with our Annual Inspection and Recertification. If an illicit connection is found to originate from another public entity, Montvale Borough will report the illicit connection to the Department.

Montvale Borough utilizes the NJDEP hotline that is currently used for reporting spills and illegal dumping. This hotline will also be used for reporting illicit connections.

## 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.

Montvale Borough has implemented an annual catch basin cleaning program to maintain catch basin function and efficiency. All catch basins are inspected once each year and cleaned if found to contain sediment, trash, or debris. If, at the time of inspection, no sediment, trash or debris are observed in the catch basin, then that catch basin is not cleaned. All catch basins are inspected yearly, even if they were found to be "clean" the previous year. At the time of cleaning, the catch basins are also inspected for proper function. Maintenance is performed for those catch basins that are in disrepair.

Montvale Borough maintains the following:

- catch basins
- storm drains
- infiltration basins
- buffer strips
- swales

As noted, these stormwater facilities are inspected annually to ensure that they are functioning properly. In high risk areas, preventative maintenance is performed on all stormwater facilities to ensure that they do not begin to fail.

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.

Developers are required to maintain these facilities and comply with their Stormwater Maintenance Manual that was required as part of their development approval. Older developments are notified by the Borough as part of the annual Borough inspection process and where their stormwater improvements require maintenance.

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.

The Borough Engineer and/or the Construction Official maintains these records.

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](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/](https://hydro.rutgers.edu/public_data/).*

## SPPP Form 14 – Total Maximum Daily Load Information

All records must be available upon request by NJDEP.

<p>1. Using the Total Maximum Daily Load (TMDL) reports provided on <a href="http://www.nj.gov/dep/dwq/msrp-tmdl-rh.htm">www.nj.gov/dep/dwq/msrp-tmdl-rh.htm</a>, list adopted TMDLs for the municipality, parameters addressed, and the affected water bodies that impact the municipality's MS4 program.</p>
<p>Watershed Management Area 5 (WMA 5)</p> <p>Pascack Brook - #01377500 – The Pascack Brook watershed has a drainage area of approximately 51-square miles. Fecal Coliform – 709 CFU/100ml at Westwood (south of Montvale). A potential source noted in Montvale is further listed as the “corporate parks in Montvale (source of geese droppings to Bear Brook which feeds into the Pascack Brook).”</p>
<p>2. Describe how the permittee uses TMDL information to prioritize stormwater facilities maintenance projects and to address specific sources of stormwater pollutants.</p>
<p>The Borough has an adopted program to manage pet waste, has hired a company to control goose population on Borough-owned properties and encourages the corporate parks to control geese populations in order to reduce the downstream fecal coliform levels.</p>

## 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.

To control stormwater from new development and redevelopment projects throughout Montvale Borough (including projects we operate), we do the following.

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

We are ensuring adequate long-term operation and maintenance of BMPs for all Borough projects by requiring a project maintenance plan similar to the maintenance plan required by our Stormwater Management Ordinance (Ordinance), and by requiring and funding the implementation of that plan. We will also require any storm drain inlets that we install to comply with the current design standards. We are ensuring such operation and maintenance for any new development or redevelopment projects on our property by complying with the maintenance requirements in that ordinance. In addition, any storm drain inlets we install for such projects will comply with that ordinance's standard for such inlets.

The Stormwater Control Ordinance, which is administered by our joint planning/zoning board, and the code enforcement officer, controls stormwater from non-residential development and redevelopment projects. Where it is necessary to implement the municipal stormwater management plan, the approved ordinance also controls aspects of residential development and redevelopment projects that are not subject to the Residential Site Improvement Standards.

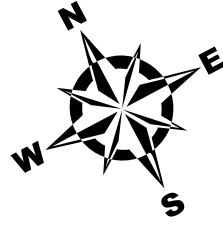
For any BMP that is installed in order to comply with the requirements of our post-construction program, Montvale Borough ensures adequate long-term operation as well as preventative and corrective maintenance (including replacement) of BMPs. For BMPs on private property that we do not own or operate, Montvale Borough ensures compliance by adopting and enforcing a provision in the municipal stormwater control ordinance that requires the private entity to perform the operation and maintenance requirements, pursuant to the SPPP Form, with penalties if the private entity does not comply. If, for example, the private entity does not perform the required maintenance, the Borough can perform the maintenance and charge the private entity.

Montvale Borough also enforces, through the municipal stormwater control ordinance, compliance with the design standards of our permit to control passage of solid and floatable materials through storm drain inlets. For most projects, such compliance is achieved either by conveying flows through a trash rack as described in the "Alternative Device Exemptions", or (for flows not conveyed through such a trash rack), by installation of the NJDOT bicycle safe grate and (if needed) a curb opening with a clear space no bigger than two inches across the smallest dimension.



2. Has the permittee adopted a Refuse Container/Dumpster Ordinance?
Chapter 344; Article II (§344-13) adopted 9/14/2010.





STATE OF NEW YORK ROCKLAND COUNTY

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RIVERVALE BOROUGH

RIVERVALE BOROUGH

PARK RIDGE BOROUGH

UPPER SADDLE RIVER BOROUGH

WOODCLIFF LAKE BOROUGH

#### NOTES:

Outfall locations were collected using GNSS centimeter grade receivers throughout November 2020.

Municipal, State and parcel data were downloaded from NJGIN Open Data and NYS GIS Clearinghouse.

Stream data was downloaded from the NHD 2002 Dataset.

#### Pipe Material Abbreviations:

RCP = Reinforced Concrete Pipe  
CMP = Corrugated Metal Pipe  
CMPA = Corrugated Metal Pipe Arch  
PVC= Polyvinyl Chloride  
RCBC= Reinforced Concrete Box Culvert  
DIP= Ductile Iron Pipe  
CIP = Cast Iron Pipe  
HDPE= High-Density Polyethylene

SECTOR A				
Outfall ID	Pipe Size	Material	Notes	
1A	38" x 60"	CMPA	County Outfall	
2A	63" x 48"	CMPA	Valley View Culvert	
3A	15"	RCP		
4A	36"	RCP		
5A	58" x 84"	RCECP	Valley View Culvert	
6A	18"	RCP		
7A	36" x 48"	CMPA		
8A	24"	RCP		
9A	30"	RCP		
10A	30"	RCP		
13A	21"	RCP		
14A	15"	RCP		
15A	21"	RCP		
16A	24"	RCP		
17A	36"	RCP		
18A	24"	RCP		
19A	24"	RCP		
20A	36"	CMP		
21A	30"	RCP		
22A	30"	RCP		
23A	54"	RCP		
24A	30"	RCP		
25A	24"	RCP		
26A	60" x 84"	RCP		
27A	36"	RCP		
28A	12"	PVC		
29A	15"	RCP		
30A	36"	RCP		
31A	15"	RCP		
32A	72"	RCP		
33A	72" x 108"	CMPA	GSP Culvert	
34A	15"	CIP		
35A	36"	RCP		
36A	36"	RCP		

SECTOR B				
Outfall ID	Pipe Size	Material	Notes	
1B	16" x 4"	RCBC		
2B	18"	RCP		
3B	24"	RCP		
4B	24"	RCP	No HW	
5B	15"	RCP		
6B	30"	RCP		
7B	15"	RCP		
8B	12"	RCP		
9B	18"	RCP		
11B	24"	RCP		
12B	36"	RCP	Grand Ave. Culvert	
13B	72" x 108"	CMP	Outfall	
14B	30"	RCP		
15B	60" x 144"	RCBC	Driveway Culvert	
16B	Unknown	Unknown		
17B	18"	RCP		

SECTOR B (CONTINUED)				
Outfall ID	Pipe Size	Material	Notes	
18B	18"	RCP		
19B	24"	RCP		
20B	24"	RCP	Summit Ave. Culvert	
22B	30"	CMP		
23B	12"	RCP		
25B	2-4"	PVC		
26B	21"	RCP		
27B	21"	RCP		
28B	24"	RCP		
29B	18"	RCP		
31B	60" x 60"	RCBC	Culvert	
32B	24"	RCP		
33B	24"	RCP		
34B	48" x 108"	Concrete/Stone		
35B	48" x 108"	Concrete/Stone		
37B	60" x 84"	RCP		
38B	72" x 108"	CIP		
39B	36"	RCP		
40B	36"	RCP		
41B	24"	RCP		
42B	24"	RCP		
43B	15"	RCP		
44B	60" x 84"	RCP		
45B	72" x 108"	CMP		
47B	30"	RCP		
51B	8"	PVC		
52B	48"	RCP		
53B	36"	RCP		
55B	24"	RCP		
56B	24"	RCP		
57B	21"	RCP		
58B	18"	Steel		
59B	15"	HDPE		
60B	36"	RCP		
61B	24"	HDPE		
62B	15"	HDPE		
63B	15"	HDPE		
64B	15"	RCP		
65B	24"	RCP		
66B	24"	RCP		
67B	24"	RCP		
68B	30"	RCP		
69B	12"	CIP		
70B	12"	CIP		
71B	15"	RCP		
72B	72" x 108"	CMP		
73B	24"	RCP		
74B	18" x 40"	RCP	No HW	
75B	24"	RCP		
76B	24"	RCP		
77B	30"	RCP		
78B	24"	RCP		
79B	48"	HDPE		
80B	12"	RCP		

SECTOR C				
Outfall ID	Pipe Size	Material	Notes	
2C	21"	RCP	DWY Culvert	
4C	21"	RCP	DWY Culvert	
5C	24"	RCP	DWY Culvert	
6C	30"	RCP	Akers Culvert	
7C	12"	RCP		
8C	24"	HDPE		
9C	36"	RCP	Edgren Way	
10C	24"	RCP	Edgren Way	
11C	24"	RCP	No HW	
12C	27"	RCP	No HW	
13C	15"	RCP	No HW	
14C	24"	RCP		
15C	24"	RCP		
16C	24"	RCP	Woodland Road	
17C	24"	RCP		
21C	48"	RCP		
22C	24"	RCP		
24C	18"	RCP		
25C	48"	RCP		
28C	18"	RCP	No HW	
29C	21"	RCP	No HW	
30C	15"	RCP	Huff Pond	
31C	18"	RCP	Huff Pond	
32C	36"	RCP		
33C	72" x 84"	Span Bridge	Kinderkamack Road	
34C	18"	RCP		
35C	115" x 120"	CMP	Montvale Ave. Culvert	
36C	18"	RCP		
37C	15"	CMP	No HW	
39C	15"	RCP	No HW	
40C	18"	CMP		
41C	6"	PVC		
42C	18"	RCP		
43C	8"	Unknown		
44C	18"	RCP		
46C	24"	RCP		
47C	15"	Steel		
48C	30"	RCP		
49C	15"	RCP		
50C	30" x 60"	CMP		
51C	24"	CIP		
52C	48"	RCP		
53C	48"	RCP		
56C	24"	RCP		
57C	6"	PVC		
58C	8"	CIP		
59C	18"	RCP		
60C	18"	RCP		
61C	24"	RCP		
62C	15"	RCP	15" RCP DB Orifice	

SECTOR D				
Outfall ID	Pipe Size	Material	Notes	
2D	18"	RCP		
3D	15"	RCP		
4D	24"	RCP		
5D	42"	RCP		
9D	20"	Bridge	Middletown Road	
10D	15"	RCP		
11D	30"	RCP		
12D	18"	RCP	No HW	

0 300 600 1,200  
Feet

#### LEGEND

- Outfall Locations
- Outfalls Not Located
- Streams
- State Boundary
- Montvale Borough
- Stormwater Sectors
- Parcels
- ⓧ Sector ID

#### STORMWATER OUTFALL LOCATION MAP

BOROUGH OF MONTVALE  
BERGEN COUNTY, NJ



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SCALE: AS SHOWN	DATE: 12/16/2020	DRAWN BY: RJK	CHECKED BY: MTK
MC PROJECT NO: MVB014			