

# Stormwater Pollution Prevention Plan

BOROUGH OF RINGWOOD

PASSAIC COUNTY

NJG 0152749

NOVEMBER 11, 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	<b>Scott Heck, Borough Manager/Director of Public Works</b>
Office Phone # and eMail	<b>(973) 475-7101</b>
Signature/Date	
<b>Individual(s) Responsible for Major Development Project Stormwater Management Review</b>	
Print/Type Name and Title	<b>David Hals, Zoning/Planning Board Engineer</b>
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	<b>Jeffrey Yuhas, Borough Engineer</b>
Print/Type Name and Title	<b>George Stout, Public Works Supervisor</b>
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.	12/12/18		ALL	Used New SPPP form provided by NJDEP with new requirements.
2.	12/05/2019		Cover Sheet	Review for Accuracy & revised revision date
3.	12/05/2019		Form 3	Revised revision date
4.	11/11/2020		Form 3	Revised revision date
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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:	www.ringwoodnj.net/filestorage/3886/13847/13849/2021-SPPP-11-11-20-Final
2. Date of most current SPPP:	<b>Nov 11, 2020</b>
3. Website URL where the Municipal Stormwater Management Plan (MSWMP) is posted online:	www.ringwoodnj.net/filestorage/3886/13847/13849/SKMBT_C25318032216250.pdf
4. Date of most current MSWMP:	<b>Jan 30, 2005</b>
5. Physical location and/or website URL where associated municipal records of public notices, meeting dates, minutes, etc. are kept:	Municipal records of public notices, meeting dates, minutes, etc. are maintained with the stormwater coordinator.
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 Meetings Act (Sunshine Law, "N.J.S.A. 10:4-6 et seq.") the Borough of Ringwood provides public notice in a manner that complies with the requirements of that Act. Also, in regard to the passage of ordinances, the Borough of Ringwood 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.), the Borough of Ringwood complies with those requirements.</p> <p>For informally notifying the public, the Borough of Ringwood may post information on the Borough website, Facebook or other social media method.</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 maintains a Stormwater Management page on our Borough website ([www.ringwoodnj.net](http://www.ringwoodnj.net)) accessible from our home page which includes our current SPPP, MSWMP, and ordinances required by the permit and links to other stormwater related sources including the NJDEP stormwater and Clean Water NJ websites among others.

The Borough utilizes Ringwood Municipal TV - Channel 77 to broadcast public service announcements from Clean Water NJ website throughout the year. Channel 77 is also available for anyone to view from our Borough website.

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.

Annual mailings in the spring to our business community on the hazards associated with illicit connections and improper disposal of waste. This same information will be displayed as part of our Stormwater Display board along with distribution of several NJDEP brochures, tip cards and promotional items for residents at our annual Caring for Ringwood Day held every spring. The tip cards are also available at Borough Hall and the Ringwood Public Library.

Annual mailing to recently approved owners of stormwater facilities not owned or operated by the Borough highlighting the importance of proper maintenance of stormwater measures as required by the permit.

The Borough provides stormwater-related educational magic shows to our local public elementary and middle schools annually (total of six shows). Also, the second grade classes visit Borough Hall each fall. The Coordinator explains our stormwater management program. DPW shows the students how our jet vector truck operates. As part of students goodie bag, we include NJDEP promotional items including coloring book or pages, stormwater pencils and Clean Water Rangers stickers.

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

The public education and outreach records are maintained with the stormwater coordinator.

## 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 shall mean any "development" that provides for ultimately disturbing one (1) or more acres of land or increasing impervious surface by one-quarter (1/4) acre or more. [Projects undertaken by any government agency which otherwise meet the definition of "major development" but which do not require approval under the MLUL are also considered "major development".]

2. Does the municipality approach residential projects differently than it does for non-residential projects? If so, how?

There is no difference in the review of residential and non-residential projects.

3. What process is in place to ensure that municipal projects meet the Stormwater Control Ordinance?

The Borough Engineer manages and oversees all municipal capital projects that are defined as "Major Development". The Borough Engineer ensures that all municipal capital projects meet the Stormwater Control Ordinance.

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.

Listed below is the process the Planning/Zoning Board Engineer utilizes for reviewing major development project applications for compliance with the SCO and RSIS:

A. Review drainage calculation and maps submitted with development application.  
Verify area of disturbance and area of impervious coverage.

If Major Development, than proceed to Part B.  
If not Major development, than review complete.

B. Review Major Development application.  
Review water quantity calculations for compliance  
If unable to meet compliance – mitigation required – Part D  
Review water quality calculations for compliance  
If unable to meet compliance – mitigation required – Part D  
Review groundwater recharge for compliance  
If unable to meet compliance – mitigation required – Part D

C. Review stormwater maintenance manual

D. Review Mitigation plan (Only required If unable to design compliant stormwater design.)

E. Following approvals:

Receive verification of deed filings of restrictions and maintenance manuals.

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

Yes.

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

The Planning/Zoning Board Engineer will forward all approved applications for major development projects, Major Development Summary Sheets (permit att. D) and mitigation plans to the Stormwater Coordinator.



## 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	03/21/06	<a href="http://www.ringwoodnj.net/filestorage/3886/13847/13849/C">www.ringwoodnj.net/filestorage/3886/13847/13849/C</a>	<b>yes</b>	PD and Code Enforcement Officer
2. Wildlife Feeding permit cite IV.B5.a.ii	03/21/06	<a href="http://www.ringwoodnj.net/filestorage/3886/13847/13849/C">www.ringwoodnj.net/filestorage/3886/13847/13849/C</a>	<b>yes</b>	PD and Health Department
3. Litter Control permit cite IV.B5.a.iii	12/07/16	<a href="http://www.ringwoodnj.net/filestorage/3886/13847/13849/C">www.ringwoodnj.net/filestorage/3886/13847/13849/C</a>	<b>yes</b>	PD and Code Enforcement Officer
4. Improper Disposal of Waste permit cite IV.B.5.a.iv	03/21/06	<a href="http://www.ringwoodnj.net/filestorage/3886/13847/13849/Ordinance_No._2006-06.pdf">www.ringwoodnj.net/filestorage/3886/13847/13849/Ordinance_No._2006-06.pdf</a>	<b>yes</b>	PD and Code Enforcement Officer
5. Containerized Yard Waste/ Yard Waste Collection Program permit cite IV.B.5.a.v	03/21/20 06	<a href="http://www.ringwoodnj.net/filestorage/3886/13847/13849/Ordinance_No._2006-09">www.ringwoodnj.net/filestorage/3886/13847/13849/Ordinance_No._2006-09</a>	<b>yes</b>	PD and Code Enforcement Officer and Rycycling Coordinator
6. Private Storm Drain Inlet Retrofitting permit cite IV.B.5.a.vi	07/20/201 0		<b>yes</b>	Borough Engineer
7. Stormwater Control Ordinance permit cite IV.B.4.g and IV.B.5.a.vii	04/04/20 06	<a href="http://www.ringwoodnj.net/filestorage/3886/13847/13849/Ordinance_No._2006-04.pdf">www.ringwoodnj.net/filestorage/3886/13847/13849/Ordinance_No._2006-04.pdf</a>	<b>yes</b>	Planning/Zoning Board Engineer
8. Illicit Connection Ordinance permit cite IV.B.5.a.vii and IV.B.6.d	03/21/20 06	<a href="http://www.ringwoodnj.net/filestorage/3886/13847/13849/Ordinance_No._2006-10.pdf">www.ringwoodnj.net/filestorage/3886/13847/13849/Ordinance_No._2006-10.pdf</a>	<b>yes</b>	PD and Code Enforcement Officer
9. Optional: Refuse Container/ Dumpster Ordinance permit cite IV.E.2	07/20/20 10		<b>yes</b>	Recycling Department

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

The ordinances are located in the Clerk's Office and on the Borough website ([www.ringwoodnj.net](http://www.ringwoodnj.net) under stormwater management and then documents). Records of related enforcement actions are located with the Stormwater Coordinator.

## 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.

No streets in Ringwood are required to be swept because no streets in Ringwood meet all the criteria required by the 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.

Though the permit does not require any streets in Ringwood to be swept, Ringwood sweeps all municipal-owned streets annually (once/year). The annual sweep normally begins in April (weather permitting) and is completed in September (weather permitting). If conditions warrant additional sweepings on a street during the year, Ringwood will perform additional sweepings as required.

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.

The Public Works Supervisor maintains the records (log book) during the year. Upon completion of the annual sweepings, the Public Works Supervisor totals the amounts swept and submits the log book and totals to the Stormwater Coordinator.

## 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.

Ringwood begins our catch basin and storm inlet inspections in March (weather permitting) and ends in late November (weather permitting). Ringwood inspects approximately 75% of our catch basins every year (The following year will pick up where we left off). At the time of our inspection, the inlet will be cleaned with Vactor truck if necessary. If the inspection notes a repair is needed, or a label is missing, a work order is created and the repair is made. If conditions warrant additional cleanings during the year, Ringwood will perform the necessary cleaning as required.

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

After storm events and before known (or warned) storm events, Ringwood inspects and cleans inlets at the following areas: Valley Road @ Upper Lakeview Road, Seneca Drive @ Channing Drive, and culvert list. During the fall season, around the lakes at low points is added to clear the inlets of leaves.

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

Ringwood inspect and cleans these inlets of debris and clears the culverts of debris. During the fall season, after storm events and before known storm events, Ringwood will clear the inlets at low points around the lakes.

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.

Ringwood inspects every municipally-owned inlets every 2 years and part of our inspection program is to ensure every inlet is properly labeled. If an inlet is missing a label, a work order is created and a new label is attached to the inlet.

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.

At the end of the season, the catch basin and storm drain inspection records and wet tons of materials collected records are submitted to the Stormwater Coordinator.

## 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>As part Ringwood's annual paving program, Ringwood retrofits all municipally owned inlets (with curb heads) with a Type "N" inlet cover. The Public Works Supervisor ensures that all these covers are installed shortly after the paving is complete.</p> <p>All new municipally owned inlets (with curb backs) are installed with Type "N" curb heads.</p>
<p>2. Describe the inspection process to verify that appropriate retrofits are completed on municipally owned storm drain inlets.</p>
<p>The Public Works Supervisor informs the Borough Engineer that all the Type "N" inlets covers are installed. The Borough Engineer then inspects for the proper installation of all Type "N" inlet covers.</p>
<p>3. Describe the procedure for ensuring that privately owned storm drain inlets are retrofitted.</p>
<p>Ringwood does not require a permit, for property owners with privately owned inlets, to pave their parking lots, entrances, etc. The Public Works Supervisor will notify the Borough Engineer when a parking lot is being paved, or has been recently paved, and the Borough Engineer will require the property owner to install inlet covers that meet the permit requirements.</p> <p>Also, the Borough Engineer inspects 25% of all the privately owned stormwater systems that the permit requires to be maintained. At this inspection, if the parking lot looks to be recently paved, he will require the property owner to install inlet covers that meet the requirements of the permit.</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 will inspect and verify that the appropriate retrofits are installed on Privately owned storm drain inlets.</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:

DPW Yard - 128 Margaret King Avenue, Ringwood, NJ 07456

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 –

Intermediate products –

Final products –

Waste materials –            Garbage Dumpster

By-products –

Machinery –                Municipal Machinery and Vehicle Fleet

Fuel –

Lubricants –

Solvents –

Detergents related to municipal maintenance yard or ancillary operations –

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

See Attachment E of Municipal Stormwater Permit

2. Vehicle Maintenance

See Attachment E of Municipal Stormwater Permit

3. On-Site Equipment and Vehicle Washing

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

See Attachment E of Municipal Stormwater Permit

4. Discharge of Stormwater from Secondary Containment

See Attachment E of Municipal Stormwater Permit

5. Salt and De-Icing Material Storage and Handling
See Attachment E of Municipal Stormwater Permit
6. Aggregate Material and Construction Debris Storage
See Attachment E of Municipal Stormwater Permit
7. Street Sweepings, Catch Basin Clean Out and Other Material Storage
See Attachment E of Municipal Stormwater Permit
8. Yard Trimmings and Wood Waste Management Sites
See Attachment E of Municipal Stormwater Permit
9. Roadside Vegetation Management
See Attachment E of Municipal Stormwater Permit

## 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	<b>DPW Supervisor</b>
2. Stormwater Facility Maintenance	Every year	DPW Supervisor
3. SPPP Training & Recordkeeping	Every year	DPW Supervisor
4. Yard Waste Collection Program	Every 2 years	DPW Supervisor
5. Street Sweeping	Every 2 years	DPW Supervisor
6. Illicit Connection Elimination and Outfall Pipe Mapping	Every 2 years	<b>DPW Supervisor</b>
7. Outfall Pipe Stream Scouring Detection and Control	Every 2 years	<b>DPW Supervisor</b>
8. Waste Disposal Education	Every 2 years	DPW Supervisor
9. Municipal Ordinances	Every 2 years	DPW Supervisor
10. Construction Activity/Post-Construction Stormwater Management in New Development and Redevelopment	Every 2 years	DPW Supervisor
<p><b>B. Municipal Board and Governing Body Members Training:</b> 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 <a href="http://www.nj.gov/dep/stormwater/training.htm">www.nj.gov/dep/stormwater/training.htm</a>.</p> <p>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.</p>		
<p><b>C. Stormwater Management Design Reviewer Training:</b> 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 <a href="http://www.nj.gov/dep/stormwater/training.htm">www.nj.gov/dep/stormwater/training.htm</a>. Indicate the location of the DEP certificate of completion for each reviewer.</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.

*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](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.

The Borough of Ringwood will inspect all of our outfall pipes a minimum of once every five (5) years.

The Public Works Supervisor will maintain these records during the year and submit them to the Stormwater Coordinator at the end of the year.

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.

The Borough of Ringwood will inspect all of our outfall pipes a minimum of once every five (5) years. The Borough will inspect our outfall pipes for signs of scouring. All sites will be placed on a prioritized list and repairs will be made in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey. In addition, repairs that do not need NJDEP permits for those repairs may be done first.

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

The Public Works Supervisor will maintain these records during the year and submit them to the Stormwater Coordinator at the end of the year.

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 completed an initial physical inspection of all of our outfall pipes and inlets during the mapping process. We used an inspection form to record dry weather flow and other existing location criteria. Any inlets and/or outfall pipes with dry weather flow was re-inspected. Outfall pipes that were found to have a dry weather flow or evidence of an intermittent non-stormwater flow was rechecked to locate the illicit connection. If we were able to locate the illicit connection (and the connection is within the Borough of Ringwood) we cited the responsible party for being in violation of our illicit Connection Ordinance, and we had the connection eliminated immediately. If an illicit connection was found to originate from another public entity, the Borough of Ringwood reported the illicit connection to the Department.

The Borough of Ringwood will conduct a visual dry weather inspection of all outfall pipes that are owned and operated by the Borough at least once every five (5) years. Outfall pipes that are found to have a dry weather flow or evidence of an intermittent non-stormwater flow will be re-inspected. If an illicit connection is suspected, the Borough will perform a similar investigation used for the original program to eliminate the illicit connection.

The Public Works Supervisor will maintain these records during the year and submit them to the Stormwater Coordinator at the end of the year.

## 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.

The Borough of Ringwood has implemented a stormwater facility maintenance program to ensure that all stormwater facilities operated by the Borough function properly. The Borough of Ringwood operates the following:

Catch basins, Storm drains, Detention basins, Seepage Pits, Sediment Basins, and Swales

Catch basins and storm drains are inspected a minimum of once every five (5) years and all other stormwater facilities are inspected as needed to insure that they are functioning properly. In high-risk areas, preventative maintenance will be performed on all stormwater 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.

Ringwood has 17 properties with stormwater facilities not owned and operated by Ringwood where the stormwater facilities have existed after February 7, 1984. For these properties, Ringwood has maps of each property showing the stormwater facilities and its stormwater maintenance manual if applicable. Every year, Ringwood requires all of these properties to inspect and if needed clean their stormwater facilities. The Borough Engineer will inspect each of these properties once every 5 years. At the time of the inspection, if any parking lots where recently resurfaced, Ringwood will require the property owner to install curb heads that meet the permit requirements.

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 will maintain These records during the year and submit them to the Stormwater Coordinator at the end of the year.

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.

1. Using the Total Maximum Daily Load (TMDL) reports provided on [www.nj.gov/dep/dwq/msrp-tmdl-rh.htm](http://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)

Fecal Coliform - 2003 : Ramapo River nr Mahwah between Pompton Lake and NY  
Mercury - 2010 : Wanaque R/Greenwood Lk(above Monks gage)  
Mercury - 2010 : Wanaque Reservoir (below Monks gage)  
Total Phosphorus - 2008 : Meadow Brook/High Mountain Brook  
Total Phosphorus - 2008 : Ramapo R (Bear Swamp Bk thru Fyke Bk)  
Total Phosphorus - 2008 : Ramapo R (Crystal Lk br to BearSwamp Bk)  
Total Phosphorus - 2008 : Ramapo R (above 74d 11m 00s)  
Total Phosphorus - 2008 : Wanaque R/Greenwood Lk(aboveMonks gage)  
Total Phosphorus - 2008 : Wanaque R/Posts Bk (below reservoir)  
Total Phosphorus - 2008 : Wanaque Reservoir (below Monks gage)  
Total Phosphorus - 2008 : West Brook/Burnt Meadow Brook

### Applicable Lake TMDL(s)

Fecal Coliform - 2007 : Erskine Lake  
Fecal Coliform - 2007 : Skyline Lakes  
Total Phosphorus - 2008 : Pompton Lake

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

**Fecal Coliform**-Strategies that Ringwood can consider to help reduce the pollutants for these TMDL reports are to enact and enforce a "No Feeding Unconfined Wildlife on Public Property Ordinance", public outreach by mailings and web postings to educate the public regarding feeding geese and proper disposal of pet waste, request the State of New Jersey to post signs regarding the feeding of wildlife. Ringwood will also continue annual street sweeping and cleaning catch basins and detention basins, perform good housekeeping at maintenance yards, and provide related public education and employee training.

Ringwood has also developed and implements an illicit connection program and a privately-owned stormwater maintenance program.

Ringwood can consider, where septic system service areas are located in close proximity to impaired waterbodies, septic surveys could be undertaken to determine if there are improper effluent disposal practices need to be corrected. Septic system management programs could be implemented to ensure the proper maintenance of septic systems.

Where resident goose populations are excessive, Ringwood can support private community based goose management programs.

**Mercury**-Strategies that Ringwood can consider to help reduce the pollutants for these TMDL reports are public outreach by mailings and web postings to educate the public regarding fish consumption advisories and the management and disposal of mercury containing fluorescent lamps.

**Total Phosphorus**-Strategies that Ringwood has implemented to help reduce the pollutants for these TMDL reports are the adoption and enforcement of a pet waste disposal ordinance, distribution of public information materials to pet owners, adoption and enforcement of prohibiting the feeding of unconfined wildlife on public property ordinance, annual street sweeping and cleaning catch basins and detention basins, perform good housekeeping at maintenance yards, and provide related public education and employee training.

Ringwood has also adopted and enforces a fertilizer management ordinance.

Ringwood can consider, where septic system service areas are located in close proximity to impaired waterbodies, septic surveys could be undertaken to determine if there are improper effluent disposal practices need to be corrected. Septic system management programs could be implemented to ensure the proper maintenance of septic systems.

Where resident goose populations are excessive, Ringwood can support private community based goose management programs. Through stewardship programs, areas such as commercial and industrial lawns could be converted to alternative landscaping that minimizes goose habitat and areas requiring intensive landscape maintenance. Where existing developed areas have encroached on riparian buffers, riparian buffer restoration projects could be undertaken where feasible.

Ringwood also enforces the Stormwater Management Rules with focus on the prevention and minimization of stormwater runoff and pollutants in the management of stormwater. The rules require every project to evaluate methods to prevent pollutants from becoming available to stormwater runoff and to design the project to minimize runoff impacts from new development through better site design, also known as low impact development.

## 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.

Though not required, the Borough of Ringwood sweeps all municipal streets a minimum of once per year.

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

Yes. Ringwood has adopted Refuse Container/Dumpster Ordinance No. 2010-09 on July 20, 2010.