

# Stormwater Pollution Prevention Plan

Borough of Wharton

Morris

NJG0151645

07/29/2019

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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	Scott Hutchins, Department of Public Works Director
Office Phone # and eMail	(973) 361-8444
Signature/Date	
<b>Individual(s) Responsible for Major Development Project Stormwater Management Review</b>	
Print/Type Name and Title	Christopher Borinski, Land Use Board Consultant Engineer, CHA Consulting
Print/Type Name and Title	Pedro Moreno, Housing and Zoning Officer
Print/Type Name and Title	Kenneth Loury, Land Use Board Chairman
Print/Type Name and Title	
Print/Type Name and Title	
<b>Other SPPP Team Members</b>	
Print/Type Name and Title	
Print/Type Name and Title	
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.				
2.				
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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:	www.whartonnj.com
2. Date of most current SPPP:	July 29, 2019
3. Website URL where the Municipal Stormwater Management Plan (MSWMP) is posted online:	www.whartonnj.com
4. Date of most current MSWMP:	
5. Physical location and/or website URL where associated municipal records of public notices, meeting dates, minutes, etc. are kept:	<p>10 Robert St. Wharton, NJ, 07885</p> <p>www.whartonnj.com</p>
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>Meetings for which public notice is required under the Open Public Meeting Act ("Sunshine Law" N.J.A.C. 10:4-6 et. seq.), Borough of Wharton provides notice in a manner that complies with the requirement of the Act. Also, when ordinances are passed, the Borough provides public notice in a manner that complies with the requirements of N.J.S.A. 40:49-1 et. seq. Additionally, for municipal actions (adoption of the Municipal Stormwater Management Plan) that are subject to public notice requirements in the Municipal Land Use Law, the 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 of Wharton will distribute the DEP brochure to its residents and business. The brochure will be mailed in August along with the tax bills. The annual event will be held in conjunction with the Borough's Canal Day. The DEP brochure will be made available to the public at a table during the celebration. The Canal Day celebration is held during the last week of August.

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

The Borough has an illicit connection ordinance and provides stormwater information on the Borough's website.

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

The Municipal Clerk is the Custodian of all municipal records. All requests for records shall be made through the Borough Clerk's Office on a form adopted by the Municipal Clerk. No request for records shall be honored without a properly completed form, except for document requests by the Mayor and/or Borough Council, the Borough Attorney or other Borough special counsel.

## 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?
No
3. What process is in place to ensure that municipal projects meet the Stormwater Control Ordinance?
Design by licensed Professional Engineer

<p>4. Describe the process for reviewing major development project applications for compliance with the Stormwater Control Ordinance (SCO) and Residential Site Improvement Standards (RSIS). Attach a flow chart if available.</p>	
<p>1. Check application documents for completeness  2. Determine the classification of the receiving waters and downstream regulated areas.  3. Review for compliance with rate reduction, water quality requirements (if applicable) and groundwater recharge.  4. Identify any waivers requested (Refer to "Borough of Wharton Stormwater Management Plan" for mitigation).  5. Determine compliance with Design and Performance Standards</p>	
<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>Borough Planning Board Secretary Patricia Craven</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			NO	
2. Wildlife Feeding permit cite IV.B5.a.ii			NO	
3. Litter Control permit cite IV.B5.a.iii			NO	
4. Improper Disposal of Waste permit cite IV.B.5.a.iv			N/A	
5. Containerized Yard Waste/ Yard Waste Collection Program permit cite IV.B.5.a.v			NO	
6. Private Storm Drain Inlet Retrofitting permit cite IV.B.5.a.vi	05/04/2009	<a href="https://ecode360.com/13584724">https://ecode360.com/13584724</a>	Revisions Made	Police Dept, Borough Engineer, and/or Dept of Public Works
7. Stormwater Control Ordinance permit cite IV.B.4.g and IV.B.5.a.vii	04/01/2009	<a href="https://ecode360.com/11910280">https://ecode360.com/11910280</a>	Revisions Made	Police Dept, and/or Dept of Public Works
8. Illicit Connection Ordinance permit cite IV.B.5.a.vii and IV.B.6.d	05/04/2009	<a href="https://ecode360.com/11910503">https://ecode360.com/11910503</a>	Revisions Made	Police Dept, and/or Dept of Public Works
9. Optional: Refuse Container/ Dumpster Ordinance permit cite IV.E.2	05/04/2009	<a href="https://ecode360.com/13584704">https://ecode360.com/13584704</a>	Revisions Made	Police Dept, and/or Dept of Public Works

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

Municipal Clerk's Office

10 Robert St.  
Wharton, NJ 07885

## 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 streets in Wharton are swept at least once, sometimes twice, per year, depending on condition based on visual observation. Log book is kept in sweeper

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.

Dewey Ave and Main St are Morris County roads swept by Wharton

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

Wharton provides sweeping for the Borough of Mount Arlington in advance of their Memorial Day parade and annual Memorial 5k event in September, along the parade/race routes.

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.

Wharton records are maintained at the Borough Department of Public Works  
180 W. Central Ave

## 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.
Department of Public Works visually inspects and cleans as needed
2. List the locations of catch basins and storm drain inlets with recurring problems, i.e., flooding, accumulated debris, etc.
No recurring problem areas
3. Describe what measures are taken to address issues for catch basins and storm drain inlets with recurring problems and how they are prioritized.
Not Applicable
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.
Inlets are retrofitted/reconstructed with municipal road improvement projects
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, 180 W. Central Ave

## 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>The Borough of Wharton performs annual pavement resurfacing projects and if necessary, inlets are retrofitted at that time.</p>
<p>2. Describe the inspection process to verify that appropriate retrofits are completed on municipally owned storm drain inlets.</p>
<p>DPW inspects the inlets prior to the resurfacing project schedule</p>
<p>3. Describe the procedure for ensuring that privately owned storm drain inlets are retrofitted.</p>
<p>Inlets that are in direct contact with repaving, repairing, reconstruction, resurfacing, or alterations of facilities on private property are required to upgrade to the design standards of the ordinance when performing such activities. This typically is noted in review letters during development applications at either the Planning or Zoning Board.</p>
<p>4. Describe the inspection process to verify that appropriate retrofits are completed on privately owned storm drain inlets.</p>
<p>Inspection escrow is posted as a condition of any approving resolution. Sites with Planning Board approval are inspected prior to issuing of Certificate of Occupancy.</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: <i>Wharton Department of Public Works (DPW) 180 West Central Ave, Wharton, NJ 07885</i>
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 – <i>None</i>  Intermediate products – <i>None</i>  Final products – <i>None</i>  Waste materials – <i>Street sweeping materials are stockpiled at DPW facility (183 W. Dewey Ave)</i>  By-products – <i>N/A</i>  Machinery – <i>DPW trucks/equipment</i>  Fuel – <i>Above ground fuel tanks at 180 W. Central Ave; tanks are visible.</i>  Lubricants – <i>Stored inside DPW garage at 180 W. Central Ave</i>  Solvents – <i>Waste Oil stored in tank under Roof at 180 W. Central Ave</i>  Detergents related to municipal maintenance yard or ancillary operations – <i>The Borough does not wash vehicular equipment</i>  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

Above ground fuel tanks located at 180 W. Central Ave; tanks are visible

2. Vehicle Maintenance

Maintenance performed inside DPW garage at 180 Central Ave

3. On-Site Equipment and Vehicle Washing

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

Washing is performed through a shared services agreement by Morris County at the County facility on W. Dewey Ave

4. Discharge of Stormwater from Secondary Containment

Not Applicable

<p>5. Salt and De-Icing Material Storage and Handling</p>
<p>Salt is ordered by Wharton and delivered to the Morris County Garage on W. Dewey Ave through a shared services agreement</p>
<p>6. Aggregate Material and Construction Debris Storage</p>
<p>Materials are stored in three-sided bins with covers at the recycling facility at 1 Pine St</p>
<p>7. Street Sweepings, Catch Basin Clean Out and Other Material Storage</p>
<p>Stored at the 183 W. Dewey Ave facility; removed once stockpile accumulates</p>
<p>8. Yard Trimmings and Wood Waste Management Sites</p>
<p>Collected and delivered the day of pickup to the Morris County mulch site in Mount Olive</p>
<p>9. Roadside Vegetation Management</p>
<p>Not Applicable</p>

## 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	DPW
2. Stormwater Facility Maintenance	Every year	DPW
3. SPPP Training & Recordkeeping	Every year	DPW
4. Yard Waste Collection Program	Every 2 years	DPW
5. Street Sweeping	Every 2 years	DPW
6. Illicit Connection Elimination and Outfall Pipe Mapping	Every 2 years	DPW
7. Outfall Pipe Stream Scouring Detection and Control	Every 2 years	DPW
8. Waste Disposal Education	Every 2 years	DPW
9. Municipal Ordinances	Every 2 years	DPW, Zoning Officer
10. Construction Activity/Post-Construction Stormwater Management in New Development and Redevelopment	Every 2 years	DPW
<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. <b>Records of 2019 completion are located in the Planning/Zoning Office</b></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. <b>Certification Located at Consulting Engineer's office</b></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).*

### Mapping Complete

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

Visual inspection performed annually by DPW. New online work order system will be implemented, and inspections will be incorporated into system (iWorq)

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.

Performed in conjunction with visual observations of outfall pipes

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.*

None Found

## SPPP Form 13 – Stormwater Facilities Maintenance

All records must be available upon request by NJDEP.

<p>1. Detail the program in place for the long-term cleaning, operation and maintenance of each stormwater facility owned or operated by the municipality.</p>
<p>Annual inspection of detention basins –</p> <p>1 at Sherwood Place</p> <p>1 at Potter Lane</p> <p>Regular vegetation maintenance performed by DPW</p>
<p>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.</p>
<p>Work in progress to review existing facilities and notify owners of annual inspections to be performed with report to be submitted to DPW</p>
<p>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.</p>
<p>Will be incorporated into new work order system (iWorq)</p>
<p>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 <a href="http://www.nj.gov/dep/stormwater/maintenance_guidance.htm">http://www.nj.gov/dep/stormwater/maintenance_guidance.htm</a> (select specific logs from choices listed in the Field Manuals section).</p> <p><i>Additional Resources: The NJ Hydrologic Modeling Database contains information and maps of stormwater management basins. To view the database map, see <a href="https://hydro.rutgers.edu">https://hydro.rutgers.edu</a>. To download data in an Excel format, see <a href="https://hydro.rutgers.edu/public_data/">https://hydro.rutgers.edu/public_data/</a>.</i></p>

## 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.

Rockaway River – Fecal Coliform, Mercury, Total Phosphorus

Green Pong Brook – Total Phosphorus

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

## 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.

None

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

Yes