

# Stormwater Pollution Prevention Plan

Borough of New Providence

Union County

NJPDES: NJG0153494

November 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	Andrew R. Hipolit, P.E., P.P., C.M.E.
Office Phone # and email	973-398-3110 X 4508 AHipolit@MaserConsulting.com
Signature/Date	
<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., Maser Consulting, Borough Engineer
Print/Type Name and Title	Kevin Boyer, P.E., C.F.M., Maser Consulting
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	Ralph Parlapiano, Superintendent Department of Public Works
Print/Type Name and Title	
Print/Type Name and Title	

## SPPP Form 2 – Revision History

All records must be available upon request by NJDEP.

	<b>Revision Date</b>	<b>SPC Initials</b>	<b>SPPP Form Changed</b>	<b>Reason for Revision</b>
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:	<a href="https://www.newprov.org/">https://www.newprov.org/</a>
2. Date of most current SPPP:	November 2019
3. Website URL where the Municipal Stormwater Management Plan (MSWMP) is posted online:	<a href="https://www.newprov.org/">https://www.newprov.org/</a>
4. Date of most current MSWMP:	July 19, 2005
5. Physical location and/or website URL where associated municipal records of public notices, meeting dates, minutes, etc. are kept:	Borough of New Providence Borough Hall 360 Elkwood Avenue New Providence, NJ 07974 <a href="http://www.newprov.org">http://www.newprov.org</a>
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.), New Providence Borough provides public notice in a manner that complies with the requirements of that Act. Also, in regard to the passage of ordinances, New Providence 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.) New Providence 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 has 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. For our annual distribution, we mailed the DEP brochure to our residents and businesses. The brochure was distributed and/or included with our January 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.

New Providence adopted Ordinance No. 2005-15 on October 11, 2005 defining an illicit connection as:

Any physical or non-physical 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 New Providence, unless that discharge is authorized under a NJPDES permit other than the Tier A Municipal Stormwater General Permit (NJPDES Permit Number NJ0141852). Non-physical 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  
360 Elkwood Avenue  
New Providence, NJ 07974

## 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 New Providence 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 planning and zoning boards ensure 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</p>

Ordinance. In addition, all storm drain inlets we install for such projects will comply with that Ordinance’s standard for such inlets.

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, New Providence 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, New Providence 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.

New Providence 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 inches across the smallest dimension.

<p>5. Does the Municipal Stormwater Management Plan include a mitigation plan?</p>	<p>No formal plan is in place as mitigation would be site and stormwater control specific.</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>New Providence Borough Hall 360 Elkwood Avenue New Providence, NJ 07974</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	5/9/2000	<a href="https://ecode360.com/11263599">https://ecode360.com/11263599</a>	Yes	Health Department
2. Wildlife Feeding permit cite IV.B5.a.ii	6/6/2005	<a href="https://ecode360.com/11259485">https://ecode360.com/11259485</a>	Yes	Health Department
3. Litter Control permit cite IV.B5.a.iii	5/29/1973	<a href="https://ecode360.com/11259910">https://ecode360.com/11259910</a>	Yes	Zoning Officer, Health & Police Department
4. Improper Disposal of Waste permit cite IV.B.5.a.iv	5/29/1973	<a href="https://ecode360.com/11263045">https://ecode360.com/11263045</a>	Yes	Zoning
5. Containerized Yard Waste/ Yard Waste Collection Program permit cite IV.B.5.a.v	5/29/1973, amended 10/11/2005	<a href="https://ecode360.com/11259917">https://ecode360.com/11259917</a>	Yes	Zoning
6. Private Storm Drain Inlet Retrofitting permit cite IV.B.5.a.vi	8/9/2010	<a href="https://ecode360.com/NE1158/laws/LF667695.pdf">https://ecode360.com/NE1158/laws/LF667695.pdf</a>	Yes	Engineering & Police
7. Stormwater Control Ordinance permit cite IV.B.4.g and IV.B.5.a.vii	10/27/1975	<a href="https://ecode360.com/11261581">https://ecode360.com/11261581</a>	Yes	Engineering & DPW
8. Illicit Connection Ordinance permit cite IV.B.5.a.vii and IV.B.6.d	10/11/2005	<a href="https://ecode360.com/11260377">https://ecode360.com/11260377</a>	Yes	Police, Administrator, Engineering, Construction Official & DPW
9. Optional: Refuse Container/ Dumpster Ordinance permit cite IV.E.2	8/9/2010	<a href="https://ecode360.com/NE1158/laws/LF667694.pdf">https://ecode360.com/NE1158/laws/LF667694.pdf</a>	Yes	Engineer & Police

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

New Providence Borough Hall  
360 Elkwood Avenue  
New Providence, NJ 07974

## 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.
New Providence Borough sweeps all municipal streets each year. This effort is increased on an as-needed basis.
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.
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.
DPW offices

## SPPP Form 8 – Catch Basins and Storm Drain Inlets

All records must be available upon request by NJDEP.

<p>1. Describe the schedule for catch basin and storm drain inlet inspection, cleaning, and maintenance.</p>
<p>New Providence 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.</p>
<p>2. List the locations of catch basins and storm drain inlets with recurring problems, i.e., flooding, accumulated debris, etc.</p>
<p>N/A</p>
<p>3. Describe what measures are taken to address issues for catch basins and storm drain inlets with recurring problems and how they are prioritized.</p>
<p>N/A</p>
<p>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>
<p>All newer projects have the N-Eco Curb Pieces with “Dump No Waste – Drains to Waterways” language permanently labeled from the foundry.</p> <p>For older storm drains, an inlet labeling program was conducted and all inlets have been labeled.</p> <p>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.</p>
<p>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.</p>
<p>Department of Public Works, Borough of New Providence, 4 Park Place, New Providence NJ 07974</p>

## 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 New Providence 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 inches across the smallest dimension. All newer projects must have the N-Eco Curb Pieces with “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.
This information is reviewed during plan submission and inspected during construction.
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.

<i>Complete separate forms for each municipal yard or ancillary operation location.</i>
Address of municipal yard or ancillary operation: Department of Public Works, Borough of New Providence, 4 Park Place, New Providence NJ 07974
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 – covered and/or in covered dumpsters.  By-products – None.  Machinery – Garaged.  Fuel – Above ground storage tank.  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>
<p>1. Fueling Operations</p>
<p>Fuel is stored in an above ground storage tank with containment and monitoring. Inspections are performed monthly.</p>
<p>2. Vehicle Maintenance</p>
<p>Standard operating procedures have been established for the maintenance of municipal vehicles and equipment.</p>
<p>3. On-Site Equipment and Vehicle Washing</p>
<p>Vehicles are not washed on site.</p>
<p>4. Discharge of Stormwater from Secondary Containment</p>
<p>N/A</p>

<p>5. Salt and De-Icing Material Storage and Handling</p>
<p>New Providence Borough currently stores its deicing salt in a permanent structure near the DPW garage.</p>
<p>6. Aggregate Material and Construction Debris Storage</p>
<p>N/A</p>
<p>7. Street Sweepings, Catch Basin Clean Out and Other Material Storage</p>
<p>Once collected, debris is brought to the DPW yard and loaded in a roll-off container and covered and eventually hauled away for disposal.</p>
<p>8. Yard Trimmings and Wood Waste Management Sites</p>
<p>N/A</p>
<p>9. Roadside Vegetation Management</p>
<p>The Borough will periodically trim vegetation on an as needed basis.</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	
2. Stormwater Facility Maintenance	Every year	
3. SPPP Training & Recordkeeping	Every year	
4. Yard Waste Collection Program	Every 2 years	
5. Street Sweeping	Every 2 years	
6. Illicit Connection Elimination and Outfall Pipe Mapping	Every 2 years	
7. Outfall Pipe Stream Scouring Detection and Control	Every 2 years	
8. Waste Disposal Education	Every 2 years	
9. Municipal Ordinances	Every 2 years	
10. Construction Activity/Post-Construction Stormwater Management in New Development and Redevelopment	Every 2 years	
<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>. 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>The Borough Engineer maintains these records. All applicable Borough personnel watched the Asking the Right Questions video.</b></p>		

**C. Stormwater Management Design Reviewer Training:** All design engineers, municipal engineers, and others who review the stormwater management design for development and redevelopment projects on behalf of the municipality must attend the first available class upon assignment as a reviewer and every five years thereafter. The course is a free, two-day training conducted by DEP staff. Training dates and locations are posted at [www.nj.gov/dep/stormwater/training.htm](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 is attached as a pdf with this submission. The outfall map is scheduled to be updated in 2020.

*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 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 followed 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.*

The Borough conducted a physical inspection of all of the outfall pipes during the mapping process and found no illicit connections. Annual inspections of the outfalls are performed as part of NJDEP reporting requirements.

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 New Providence Borough), the Borough 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, the Borough is 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, New Providence Borough will report the illicit connection to the Department.

New Providence 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.

New Providence 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.

New Providence 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 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.

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.

### Watershed Management Area 9 (WMA 9)

Green Brook - #01403470 – The Green Brook watershed has a drainage area of approximately 51 square miles. Fecal Coliform – TMDL to be established. Possible sources of fecal contamination identified were suburban stormwater, horses from stables, and geese and ducks by lakes.

Bound Brook - #01403385 – The Bound Brook watershed has a drainage area of approximately 51 square miles. Fecal Coliform – TMDL to be established. Possible contamination sources include suburban stormwater, and wildlife (including geese) around lakes and swamps.

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

The Borough has an adopted program to manage pet waste and encourages corporate parks to control geese populations in order to reduce the downstream fecal coliform levels.

## 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 New Providence 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, New Providence 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, New Providence 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.

New Providence 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?

Yes. Ordinance 2010-10, adopted on August 9, 2010.