

Stormwater Pollution Prevention Plan

The City of Jersey City

Hudson

NJPDES #: NJG154091

Last Revision Date: May 2011

SPPP Table of Contents

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

SPPP Form 1 – SPPP Team Members

All records must be available upon request by NJDEP.

Stormwater Program Coordinator (SPC)	
Print/Type Name and Title	Ruth Mogro; Staff Engineer
Office Phone # and eMail	201-434-1506; R.mogro@jcmua.com
Signature/Date	
Individual(s) Responsible for Major Development Project Stormwater Management Review	
Print/Type Name and Title	Ruth Mogro; Staff Engineer
Print/Type Name and Title	Joseph Newman; Staff Engineer
Print/Type Name and Title	Rajiv Prakash, Senior Engineer
Print/Type Name and Title	
Print/Type Name and Title	
Other SPPP Team Members	
Print/Type Name and Title	Elmer Andal, Director of Operations
Print/Type Name and Title	Brittany Kelly, Public Education Coordinator
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.jcmua.com
2. Date of most current SPPP:	
3. Website URL where the Municipal Stormwater Management Plan (MSWMP) is posted online:	https://www.jcmua.com/rules-and-regulations
4. Date of most current MSWMP:	May 1, 2011
5. Physical location and/or website URL where associated municipal records of public notices, meeting dates, minutes, etc. are kept:	www.jcmua.com
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>1.) The City of Jersey City (the City) complies with all applicable State and local public notice requirements for meetings where public notice is required. Specifically, the City complies with the following Open Public Meeting Act Statue:</p> <ul style="list-style-type: none"> - N.J.S.A. 10:4-6 et seq <p>2.) The City complies with all applicable State and local requirements with respect to the public notice requirements for passage of ordinances. Specifically, the City complies with the following Statue:</p> <ul style="list-style-type: none"> - N.J.S.A. 40:49-1 et seq <p>3. The City complies with all applicable State and local requirements with respect to municipal action where public notice is required. Specifically, the City complies with the following Municipal Land Use Law:</p> <ul style="list-style-type: none"> - N.J.S.A. 40:55D-1 et seq <p>The City certifies annually that all applicable State and local public notice requirements were followed.</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 City will conduct the following educational activities to comply with the point system:

1. Place advertisements in newspapers.
2. The City will maintain a stormwater related page on the JCMUA website and a link to the NJDEP stormwater brochure.
3. A stormwater related display will be presented on Earth Day each year.
4. A mailing of the stormwater brochure with the water bill will be done annually.

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.

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

JCMUA Administration Office 555 Route 440 Jersey City New Jersey 07305

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

All records must be available upon request by NJDEP.

1. How does the municipality define 'major development'?

The Jersey City Stormwater Control Ordinance, defines a major development as any development that provide for ultimately disturbing one or more acres of land or placement or replacement of one-quarter acre or more of impervious cover.

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

The municipality does not approach residential projects differently than non-residential projects.

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

The city enforces the Jersey City Stormwater Control Ordinance for municipal projects during site plan review. All proposed municipal projects must comply with the stormwater management requirements for major developments indicated on Section 4 of the Jersey City Stormwater Control Ordinance.

<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>The city enforces the Jersey City Stormwater Control Ordinance for residential and non-residential projects during site plan review. All proposed projects must comply with the stormwater management requirements for major developments indicated on Section 4 of the Jersey City Stormwater Control Ordinance</p> <ol style="list-style-type: none"> 1. Check project area and determine if project qualifies as Major Development. 2. If project qualifies as major development, project must incorporate stormwater management measures. 3. The project must demonstrate through hydro-logic and hydraulic analysis the post-construction runoff rates do not exceed the pre-construction runoff rates. 4. The project must demonstrate through hydro-logic and hydraulic analysis the post-construction runoff rates for the 2, 10, and 100-year storm do not exceed the pre-construction runoff rates for the same storm events. 5. The project must demonstrate through hydro-logic and hydraulic analysis the post-construction runoff rates for the 2, 10, and 100-year storm are 50, 75 and 80 percent respectively of the pre-construction runoff rates. 	
<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>JCMUA Administration Office 555 Route 440 Jersey City, New Jersey 07305</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	10/25/00	https://library.municode.com/njjersey_city		JCMUA/the City
2. Wildlife Feeding permit cite IV.B.5.a.ii	08/08/17	https://library.municode.com/njjersey_city		JCMUA/the City
3. Litter Control permit cite IV.B.5.a.iii	10/27/88	https://library.municode.com/njjersey_city		JCMUA/the City
4. Improper Disposal of Waste permit cite IV.B.5.a.iv	08/08/07	https://library.municode.com/njjersey_city		JCMUA/the City
5. Containerized Yard Waste/ Yard Waste Collection Program permit cite IV.B.5.a.v	08/08/20 07	https://library.municode.com/njjersey_city		JCMUA/the City
6. Private Storm Drain Inlet Retrofitting permit cite IV.B.5.a.vi	08/25/201 0	https://library.municode.com/njjersey_city		JCMUA/the City
7. Stormwater Control Ordinance permit cite IV.B.4.g and IV.B.5.a.vii	05/20/20 09	https://library.municode.com/njjersey_city		JCMUA/the City
8. Illicit Connection Ordinance permit cite IV.B.5.a.vii and IV.B.6.d	08/08/20 07	https://library.municode.com/njjersey_city		JCMUA/the City/
9. Optional: Refuse Container/ Dumpster Ordinance permit cite IV.E.2	08/25/20 10	https://library.municode.com/njjersey_city		JCMUA/the City
Indicate the location of records associated with ordinances and related enforcement actions:				
JCMUA Administration Office 555 Route 440 Jersey City New Jersey 07305				

SPPP Form 7 – Street Sweeping

All records must be available upon request by NJDEP.

<p>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.</p>
<p>The City currently provides diligent sweeping of all city owned curbed streets on a weekly basis. A list of the City sweeping routes are provided in the MSWMP appendices.</p>
<p>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.</p>
<p>A list of the City sweeping routes are provided in the MSWMP appendices.</p>
<p>3. Does the municipality provide street sweeping services for other municipalities? If so, please describe the arrangements.</p>
<p>NO</p>
<p>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.</p>
<p>Records to sweeping activities are kept by the Jersey City Department of Public Works located at 13-15 Linden Avenue East, Suite 300, Jersey City New Jersey 07305</p>

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.
MS4 are inspected, cleaned and maintained once a year or as needed. Catch Basins are inspected, cleaned and maintained twice a year or as needed.
2. List the locations of catch basins and storm drain inlets with recurring problems, i.e., flooding, accumulated debris, etc.
High traffic Streets: Westside Ave, Central Ave, Palisade Ave, Martin Luther King Dr, Ocean Ave, Bergen Ave. Other areas are: Schools, grocery stores.
3. Describe what measures are taken to address issues for catch basins and storm drain inlets with recurring problems and how they are prioritized.
Catch basins and storm drain inlets with recurring problems are inspected, clean and maintain before every predicted rain storm.
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.
Catch Basins are inspected, cleaned and maintained twice a year or as needed.
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.
JCMUA Administration Office 555 Route 440 Jersey City New Jersey 07305

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.
Storm drain inlets are retrofitted during reconstruction, mill and paving of the roads
2. Describe the inspection process to verify that appropriate retrofits are completed on municipally owned storm drain inlets.
N/A
3. Describe the procedure for ensuring that privately owned storm drain inlets are retrofitted.
N/A
4. Describe the inspection process to verify that appropriate retrofits are completed on privately owned storm drain inlets.
N/A

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:
JCMUA Administration Office 555 Route 440 Jersey City New Jersey 07305

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 –

By-products –

Machinery – maintenance vehicles, vac trucks,

Fuel – gas, diesel, above ground tanks

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

Monthly Inspections are made to ensure compliance with SOP

2. Vehicle Maintenance

Monthly Inspections of vehicle maintenance facilities are made to ensure compliance with SOP

3. On-Site Equipment and Vehicle Washing

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

Monthly Inspections of vehicle maintenance facilities are made to ensure compliance with SOP

4. Discharge of Stormwater from Secondary Containment

5. Salt and De-Icing Material Storage and Handling
Monthly Inspections of salt and de-icing material storage facilities are made to ensure compliance with SOP
6. Aggregate Material and Construction Debris Storage
Monthly Inspections of storage yards are made to ensure compliance with SOP
7. Street Sweepings, Catch Basin Clean Out and Other Material Storage
8. Yard Trimmings and Wood Waste Management Sites
9. Roadside Vegetation Management
Department of Public Works responsibility

SPPP Form 11 – Employee Training

All records must be available upon request by NJDEP.

<p>A. Municipal Employee Training: Stormwater Program Coordinator (SPC) must ensure appropriate staff receive training on topics in the chart below as required due to job duties assigned within three months of commencement of duties and again on the frequency below. Indicate the location of associated training sign in sheets, dates, and agendas or description for each topic.</p>		
Topic	Frequency	Title of trainer or office to conduct training
1. Maintenance Yard Operations (including Ancillary Operations)	Every year	JCMUA
2. Stormwater Facility Maintenance	Every year	JCMUA
3. SPPP Training & Recordkeeping	Every year	JCMUA
4. Yard Waste Collection Program	Every 2 years	JCMUA
5. Street Sweeping	Every 2 years	JCMUA
6. Illicit Connection Elimination and Outfall Pipe Mapping	Every 2 years	JCMUA
7. Outfall Pipe Stream Scouring Detection and Control	Every 2 years	JCMUA
8. Waste Disposal Education	Every 2 years	JCMUA
9. Municipal Ordinances	Every 2 years	JCMUA
10. Construction Activity/Post-Construction Stormwater Management in New Development and Redevelopment	Every 2 years	JCMUA
<p>B. Municipal Board and Governing Body Members Training: Required for individuals who review and approve applications for development and redevelopment projects in the municipality. This includes members of the planning and zoning boards, town council, and anyone else who votes on such projects. Training is in the form of online videos, posted at www.nj.gov/dep/stormwater/training.htm.</p> <p style="margin-left: 40px;">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>C. Stormwater Management Design Reviewer Training: All design engineers, municipal engineers, and others who review the stormwater management design for development and redevelopment projects on behalf of the municipality must attend the first available class upon assignment as a reviewer and every five years thereafter. The course is a free, two-day training conducted by DEP staff. Training dates and locations are posted at www.nj.gov/dep/stormwater/training.htm. Indicate the location of the DEP certificate of completion for each reviewer.</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.

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

Outfall Pipes are inspected annually.

Records are kept at JCMUA Administration Office located at 555 Route 440 Jersey City New Jersey 07305

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.

4. **Illicit Discharges:** Describe the program in place for conducting visual dry weather inspections of municipally owned or operated outfall pipes. Record cases of illicit discharges using the DEP's Illicit Connection Inspection Report Form (www.nj.gov/dep/dwq/tier_a_forms.htm) and indicate the location of these forms and related illicit discharge records.

Note that Illicit Connection Inspection Report Forms shall be included in the SPPP and submitted to DEP with the annual report.

Annual inspections are performed using the Illicit Connection Inspection Report forms, if a there is a suspected illicit connection, and investigation and elimination of the source is done.

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>The stormwater facilities are inspected annually to ensure they function properly. In high risk, stormwater facilities are inspected before any severe storm and preventive maintenance is performed to ensure they begin to fail. The stormwater facilities include: Catch basins Storm Drains</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>N/A</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>Records are kept at JCMUA Administration Office located at 555 Route 440 Jersey City New Jersey 07305</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 http://www.nj.gov/dep/stormwater/maintenance_guidance.htm (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 https://hydro.rutgers.edu. To download data in an Excel format, see https://hydro.rutgers.edu/public_data/.</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, list adopted TMDLs for the municipality, parameters addressed, and the affected water bodies that impact the municipality's MS4 program.

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.
2. Has the permittee adopted a Refuse Container/Dumpster Ordinance?
Yes, the Refuse Container/Dumpster Ordinance was adopted on 8-25-2010