

Stormwater Pollution Prevention Plan

East Greenwich Township
Gloucester

NJPDES #: NJG 0154075

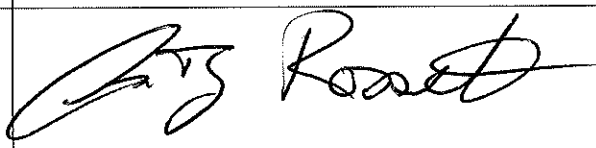
Last revised February 9,2021

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SPPP Form 1 – SPPP Team Members

All records must be available upon request by NJDEP.

Stormwater Program Coordinator (SPC)	
Print/Type Name and Title	Anthony Rossett, East Greenwich Works Public Manager
Office Phone # and eMail	(856) 423-0655 ext. 405
Signature/Date	 2/9/2021
Individual(s) Responsible for Major Development Project Stormwater Management Review	
Print/Type Name and Title	Anthony Rossett, East Green Public Works Manager
Print/Type Name and Title	Frank S. Morris, PE, CES, CPWM, Township Engineer
Print/Type Name and Title	
Print/Type Name and Title	
Print/Type Name and Title	
Other SPPP Team Members	
Print/Type Name and Title	James Sabetta, Construction/zoning official Ordinance Coordinator
Print/Type Name and Title	Elizabeth McGill Township Clerk Public Notice Coordinator
Print/Type Name and Title	Anthony Rossett Public Works Manager-Post Construction Management, Employee training, Public Outreach, & Public Works Coordinator
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.	7/1/2005			Initial SPPP
2.	3/23/2018			Compliance with 2018 permit conditions
3.	2/9/2021			Update team members
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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:	https://www.eastgreenwichnj.com/wp-content/uploads/2018/12/East-Greenwich-Twp-Stormwater-Management-plan_201812100916.pdf
2. Date of most current SPPP:	July 1, 2005; revised February 9, 2021
3. Website URL where the Municipal Stormwater Management Plan (MSWMP) is posted online:	https://www.eastgreenwichnj.com/wp-content/uploads/2020/03/EG-TWP-Stormwater-Management-Plan-part-1.pdf
4. Date of most current MSWMP:	February 2006
5. Physical location and/or website URL where associated municipal records of public notices, meeting dates, minutes, etc. are kept:	https://www.eastgreenwichnj.com/agenda-meetings-minutes/
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.), East Greenwich Township provides public notice in a manner that complies with the requirements of that Act.</p> <p>Also, in regard to the passage of ordinances, East Greenwich Township 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.), East Greenwich Township complies with those requirements.</p>	

SPPP Form 4 – Public Education and Outreach

All records must be available upon request by NJDEP.

<p>1. Describe how public education and outreach events are advertised. Include specific websites and/or physical locations where materials are available.</p>
<p>1. On the East Greenwich Township website there is a stormwater page with links to the follow:</p> <ul style="list-style-type: none">a. East Greenwich Township's SPPPb. All Stormwater ordinancec. NJDEP educational brochure <p>2. A biannual newsletter is mailed to all residents with our stormwater ordinance and educational information.</p> <p>3. Annual source water protection presentation by New Jersey Water Association at East Greenwich schools.</p> <p>4. Coloring books distributed to elementary schools annually.</p> <p>5. Annual letter from the Mayor describing the benefits from our Stormwater ordinances.</p> <p>6. Pet waste ordinance enclosed with dog license renewal.</p> <p>7. Materials are available at the Township Clerk's office at the Municipal Building.</p>
<p>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.</p>
<p>1. Information is available on the Township's website and at the Municipal Building.</p> <p>8. 2. A biannual newsletter is mailed to all residents with our stormwater ordinance and educational information.</p>
<p>3. Indicate where public education and outreach records are maintained.</p>
<p>1. Public education and outreach records are maintained at the East Greenwich Township Municipal Building located a 159 Democrat Road, and on the Township's website.</p> <p>2. Gloucester County mails the DEP brochure to our residents every year. Extra copies are located at The County library.</p>

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

All records must be available upon request by NJDEP.

<p>1. How does the municipality define 'major development'?</p>
<p>“Major development” means an individual “development,” as well as multiple developments that individually or collectively result in:</p> <ol style="list-style-type: none">1. The disturbance of one or more acres of land since February 2, 2004;2. The creation of one-quarter acre or more of “regulated impervious surface” since February 2, 2004;3. The creation of one-quarter acre or more of “regulated motor vehicle surface”;4. A combination of 2 and 3 above that totals an area of one-quarter acre or more. The same surface shall not be counted twice when determining if the combination area equals one-quarter acre or more. <p>Major development includes all developments that are part of a common plan of development or sale (for example, phased residential development) that collectively or individually meet any one or more of paragraphs 1, 2, 3, or 4 above. Projects undertaken by any government agency that otherwise meet the definition of “major development” but which do not require approval under the Municipal Land Use Law, N.J.S.A. 40:55D-1 et seq., are also considered “major development.”</p>
<p>2. Does the municipality approach residential projects differently than it does for non-residential projects? If so, how?</p>
<p>No. Residential and non-residential projects are required comply with Township’s Land Development Code.</p>
<p>3. What process is in place to ensure that municipal projects meet the Stormwater Control Ordinance?</p>
<p>The Township Engineer will ensure that municipal projects meet the requirements of the Stormwater Control Ordinance. Any Development applications are reviewed by the Township 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.

Major development project applications are submitted to the Township's Land Use Board for completeness review and distribution to the Board's professional consultants. Upon receipt of the application, the Board Engineer reviews the submitted documents for compliance with the Land Use Code, including the SCO and the RSIS. A review report is prepared by the Planning Board Engineer with comments and recommendations, and submitted to the Board.

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?

Approved applications for major development projects are kept on file at the Township's Land Use Board Office at 159 Democrat Rd, Mickleton, NJ 08056

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	10/25/05	https://library.municode.com/nj/east_greenwich_township/codes/municipal_code?nodeId=EA_GRTONEJEMUCO	Yes	Code Enforcement official and Local Police Dept.
2. Wildlife Feeding permit cite IV.B.5.a.ii	10/25/05	https://library.municode.com/nj/east_greenwich_township/codes/municipal_code?nodeId=EA_GRTONEJEMUCO	Yes	Code Enforcement official and Local Police Dept.
3. Litter Control permit cite IV.B.5.a.iii	10/25/05	https://library.municode.com/nj/east_greenwich_township/codes/municipal_code?nodeId=EA_GRTONEJEMUCO	Yes	Code Enforcement official and Local Police Dept.
4. Improper Disposal of Waste permit cite IV.B.5.a.iv	10/25/05	https://library.municode.com/nj/east_greenwich_township/codes/municipal_code?nodeId=EA_GRTONEJEMUCO	Yes	Code Enforcement official and Local Police Dept.
5. Containerized Yard Waste/ Yard Waste Collection Program permit cite IV.B.5.a.v	10/25/05	https://library.municode.com/nj/east_greenwich_township/codes/municipal_code?nodeId=EA_GRTONEJEMUCO	Yes	Code Enforcement official and Local Police Dept.
6. Private Storm Drain Inlet Retrofitting permit cite IV.B.5.a.vi	6/7/2009	https://library.municode.com/nj/east_greenwich_township/codes/municipal_code?nodeId=EA_GRTONEJEMUCO	Yes	Code Enforcement official and Local Police Dept.
7. Stormwater Control Ordinance permit cite IV.B.4.g and IV.B.5.a.vii	7/1/2005	https://library.municode.com/nj/east_greenwich_township/codes/municipal_code?nodeId=EA_GRTONEJEMUCO	Yes	Code Enforcement official and Local Police Dept.

8. Illicit Connection Ordinance permit cite IV.B.5.a.vii and IV.B.6.d	10/25/05	https://library.municode.com/nj/east_greenwich_township/codes/municipal_code?nodeId=EA_GRTONEJEMUCO	Yes	Code Enforcement official and Local Police Dept.
9. Optional: Refuse Container/ Dumpster Ordinance permit cite IV.E.2	6/7/09	https://library.municode.com/nj/east_greenwich_township/codes/municipal_code?nodeId=EA_GRTONEJEMUCO	Yes	Code Enforcement official and Local Police Dept.

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

Records are located at the Construction office and at the Police Department.

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.

East Greenwich Township has evaluated all of its streets, and determined that there are no areas which need to be swept under the NJPDES Stormwater Permit criteria.

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.

East Greenwich Township has evaluated all of its streets, and determined that there are no areas where street sweeping is required.

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

East Greenwich does not provide street sweeping services for other municipalities.

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.

There are no street sweeping records since street sweeping is not required.

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.

East Greenwich Township performs an annual catch basin cleaning program to maintain catch basin function and efficiency. All catch basins are inspected once each year. If, at the time of inspection, no sediment, trash or debris is observed in the catch basin, then that catch basin will not be cleaned. All catch basins area inspected yearly, even if they were found to be “clean” the previous year. At the time of cleaning, the catch basins are also be inspected for proper function. Maintenance will be scheduled for those catch basins that are in disrepair.

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

none

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

Scheduled routine inspections and if necessary additional maintenance

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.

Currently, all stormwater inlets in East Greenwich have been labeled with either a sticker or stainless label epoxied to the curb head piece. During road repaving projects, all stormwater inlets will be upgraded to the latest NJDEP standards where the head piece has the label cast in.

During our annual catch basin inspection and cleaning program, we will be checking these labels to ensure that they are still visible, and if they are not, the labels will be replaced as soon as practicable.

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.

Catch basin and storm drain inlet inspection records are located at the East Greenwich Township Department of Public Works. 96 East Rattling Run Rd, Mickleton NJ 08056

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.

All municipal road improvement projects designed by the Township Engineer include retrofitting of curb pieces.

2. Describe the inspection process to verify that appropriate retrofits are completed on municipally owned storm drain inlets.

All municipal road improvement projects are inspected by the office of the Township Engineer. Contractors do not received final payment until retrofitting is complete.

3. Describe the procedure for ensuring that privately owned storm drain inlets are retrofitted.

All applications for development are required to comply with the Land Use Code and the SCO. The Land Use Board Engineer reviews the applications for compliance with these codes and ordinances to ensure plans include retrofitting of privately owned inlets.

4. Describe the inspection process to verify that appropriate retrofits are completed on privately owned storm drain inlets.

Compliance inspection of inlet retrofitting in private development approved by the Land Use Board is performed by the office of the Township Engineer. A Certificate of Occupancy is not recommended until retrofits are completed.

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:

96 East Rattling Run Rd, Mickleton New Jersey 08056

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: N/A means material and equipment are stored inside, in dumpsters or trailers.

Raw materials – Fill dirt 100 yards

Intermediate products – stone 10 ton

Final products – N/A

Waste materials – N/A

By-products – N/A

Machinery – 2 trash trucks and 2 small pick up trucks

Fuel – N/A

Lubricants – N/A

Solvents – N/A

Detergents related to municipal maintenance yard or ancillary operations – N/A

Other – N/A

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

We have 1 fueling location in our Township located at 21 East Cohawkin Rd, Clarksboro New Jersey 08020. This facility is an above ground double concrete walled storage tank On a concrete pad.

2. Vehicle Maintenance

The Township Public Works will perform monthly inspections of vehicle maintenance operations of Vehicle maintenance operations in order to ensure that SOP's are followed.

3. On-Site Equipment and Vehicle Washing

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

Vehicles are taken to Auto Shine Car Wash Center for washing.

4. Discharge of Stormwater from Secondary Containment

N/A

5. Salt and De-Icing Material Storage and Handling
East Greenwich Township utilizes bulk salt and storage from regional Gloucester County salt shed Complexes.
6. Aggregate Material and Construction Debris Storage
N/A
7. Street Sweepings, Catch Basin Clean Out and Other Material Storage
N/A
8. Yard Trimmings and Wood Waste Management Sites
N/A
9. Roadside Vegetation Management
N/A

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	Public Works Manager
2. Stormwater Facility Maintenance	Every year	Public Works Manager
3. SPPP Training & Recordkeeping	Every year	Public Works Manager
4. Yard Waste Collection Program	Every 2 years	Public Works Manager
5. Street Sweeping	Every 2 years	NA
6. Illicit Connection Elimination and Outfall Pipe Mapping	Every 2 years	Public Works Manager
7. Outfall Pipe Stream Scouring Detection and Control	Every 2 years	Public Works Manager
8. Waste Disposal Education	Every 2 years	Public Works Manager
9. Municipal Ordinances	Every 2 years	Township Clerk
10. Construction Activity/Post-Construction Stormwater Management in New Development and Redevelopment	Every 2 years	Township Engineer
<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.

<https://www.eastgreenwichnj.com/wp-content/uploads/2020/08/EGTWP-stormwater-map.pdf>

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

Outfall pipes are inspected annually by the Public Works Staff, and findings are reported on the inspection forms. Inspection records are kept at the Department of Public Works.

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.

Outfall pipes are inspected annually by the Public Works Department Staff, and findings are reported on the inspection forms. Inspection records are kept at the Department of Public Works. Outfall mapping is used to locate outfall pipes with signs of scouring. The data collected will include information on bank scour, which will be reported to our Stormwater Program Coordinator. Sites with stream scour 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 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) 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.

During inspections, the Township uses the NJ Department of Environmental Protection (NJDEP) Illicit Connection Inspection Report Form and stores them with the SPPP records. Any Outfall pipes that are found to have a dry weather flow or evidence of an intermittent non-stormwater flow will be rechecked again to locate the illicit connection. If unable to locate the illicit connection (and the connection is within the Township), the Township Code Official will cite the responsible party for being in violation of our Illicit Connection Ordinance, and will ensure the connection eliminated immediately. If, after the appropriate amount of investigation, the Township is unable to locate the sources of illicit connection, the Township will submit the Closeout Investigation Form with our Annual Inspection and Recertification. If an illicit connection is found to originate from another public entity, the Township will report the illicit connection to the NJDEP.

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.

East Greenwich Township has implemented a stormwater facility maintenance program to ensure all stormwater facilities operated by the Township function properly. East Greenwich Township operates the following: catch basins, storm drains, infiltration basins, buffer strips and swales. These stormwater facilities will be inspected annually to ensure that they are functioning properly. In high risk areas, preventative maintenance will be performed on all stormwater facilities to ensure 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.

Township conducts annual visual inspections and reports any concerns to zoning offices to enforce.

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.

96 East Rattling Run Rd., Mickleton New Jersey 08056

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).

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/.

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.

See attached list of reports on website link for Edwards Run, Still Run, Nehonsey Creek and Mantua Creek.

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

The current implemented programs for illicit connections, prohibition to wildlife feeding, catch basin cleaning, and ensuring compliance with water quality requirements for any Major Development addresses the problems, concerns and issues related to the affected downstream waterbodies for TMDL limits.

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