

Stormwater Pollution Prevention Plan

Lakewood Township

Ocean County

NJPDES #NJG0148067

January, 2019

Revised to June, 2019

Terence Vogt, PE
Storm Water Coordinator

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	Terence Vogt, PE, PP, CME
Office Phone # and eMail	(732) 955-8000, x1709, terry.vogt@rve.com
Signature/Date	
Individual(s) Responsible for Major Development Project Stormwater Management Review	
Print/Type Name and Title	Jeff Staiger, PE, CME
Print/Type Name and Title	Terence Vogt, PE, PP, CME
Print/Type Name and Title	Dave Magno, PE, PP, CME
Print/Type Name and Title	Jason Cline, PE, CME
Print/Type Name and Title	William Schwarz, PE
Other SPPP Team Members	
Print/Type Name and Title	Patrick Donnelly, Municipal Manager
Print/Type Name and Title	Phil Roux, DPW Director
Print/Type Name and Title	Jason Ochs, DPW
Print/Type Name and Title	Brian Cop, DPW

SPPP Form 2 – Revision History

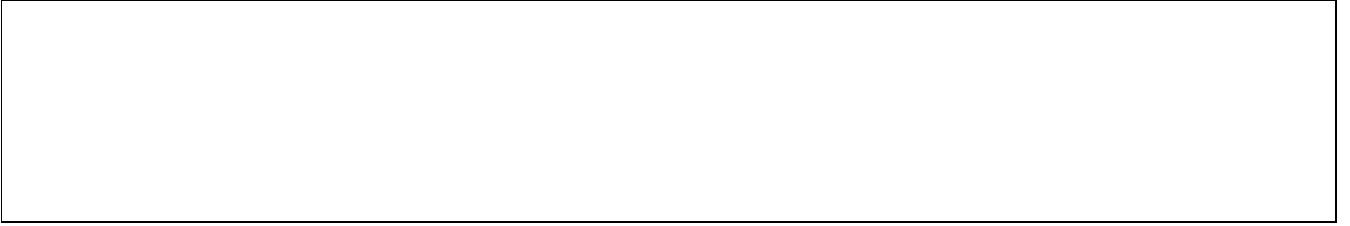
All records must be available upon request by NJDEP.

	Revision Date	SPC Initials	SPPP Form Changed	Reason for Revision
1.	2/11/08	BSG	1-17	By prior Township Engineer (Birdsall)
2.	5/09	tv		2009 ms4 permit renewal revisions
3.	6/10	tv	1-17	Misc changes including team members and public ed.
4.	11/11	tv	1,4	Team members and public ed.
5.	10/11/15	tv	1-17	Personnel updates, revisions required per USEPA audit
6.	8/31/16	tv	1	Update team members, forms, add sample maintenance logs
7.	1/19	tv	1-17	SPPP revisions per 2018 MS permit renewal
8.	6/19	tv	7,8,10	Supplemental operational information provided by Lakewood DPW
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18.				
19.				
20.				

SPPP Form 3 – Public Involvement and Participation Including Public Notice

All records must be available upon request by NJDEP.

1. Website URL where the Stormwater Pollution Prevention Plan (SPPP) is posted online:	www.lakewoodnj.gov/updates.php#planning
2. Date of most current SPPP:	January, 2019
3. Website URL where the Municipal Stormwater Management Plan (MSWMP) is posted online:	http://www.lakewoodnj.gov
4. Date of most current MSWMP:	November 2006
5. Physical location and/or website URL where associated municipal records of public notices, meeting dates, minutes, etc. are kept:	www.lakewoodnj.gov/updates.php#planning
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.), Lakewood Township provides public notice in a manner that complies with the requirements of that Act. Also, in regard to the passage of ordinances, Lakewood 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 storm water management plan) subject to public notice requirements in the Municipal Land Use Law (N.J.S.A. 40:55D-1 et seq.), Lakewood 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>For our annual distribution, mail the DEP brochure to our residents and businesses. The brochure are distributed with our annual calendar in early-February. Extra copies will be available at our Municipal Building.</p> <p>An annual event is held each year (Priate Day or Independence Day) where we will make the DEP brochure and other educational materials available at a table</p> <p>As required per the Township's 2018 MS4 Permit renewal, it developed a revised Public Education Program to meet the new 12-point annual total requirement as well as adopted private inlet and dumpster ordinances.</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>See (1), above.</p>
<p>3. Indicate where public education and outreach records are maintained.</p>

Records are maintained at the Lakewood DPW Administration building (One America Avenue, Lakewood, NJ).

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'?

As currently defined in the NJ Storm water Rule (NJAC 7:8).

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

Primary difference is that most non-residential projects are privately maintained.

For any BMP that is installed with the requirements of our post-construction program, Lakewood Township 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, Lakewood Township does this by adoption and enforcement of provisions in the municipal control ordinances to provide necessary operations and maintenance.

Lakewood Township also enforces, through the municipal stormwater control ordinance, compliance with the design standard in Attachment C of our permit to control passage of solid and floatable materials through storm drain inlets. Lakewood Township expects that for most projects, such compliance will be 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 NJDEP bicycle safe grate and (if needed) a curb opening with a clear space no bigger than two inches across in dimension.

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

All major development projects are designed to comply with the applicable storm water design requirements of the NJ Storm water Rule (NJAC 7:8), including volume reduction, TSS reduction and recharge (as applicable).

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.

All Major development applications are reviewed on behalf of the applicable (Planning/Zoning) review Board to ensure that said designs conform with the NJ Storm water Rule. For projects maintained by DPW, all projects must meet DPW standards as well. For privately-maintained projects, storm water maintenance plans are developed by the applicants' design engineers and filed with Ocean County as per NJAC 7:8-5.

<p>5. Does the Municipal Stormwater Management Plan include a mitigation plan?</p>	<p>No</p>
<p>6. What is the physical location of approved applications for major development projects, Major Development</p>	<p>Lakewood Engineering Department, 232 Third Street, second floor</p>

Summary Sheets (permit att. D), and mitigation plans?	
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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	9/22/05	www.lakewoodnj.gov/updates.php#planning	Yes	Police, Code Enforcement
2. Wildlife Feeding permit cite IV.B.5.a.ii	8/11/05	www.lakewoodnj.gov/updates.php#planning	Yes	Police, Code Enforcement
3. Litter Control permit cite IV.B.5.a.iii	9/23/05	www.lakewoodnj.gov/updates.php#planning	Yes	Police, Code Enforcement
4. Improper Disposal of Waste permit cite IV.B.5.a.iv	9/22/05	www.lakewoodnj.gov/updates.php#planning	Yes	Police, Code Enforcement
5. Containerized Yard Waste/ Yard Waste Collection Program permit cite IV.B.5.a.v	8/10/06	www.lakewoodnj.gov/updates.php#planning	Yes	Police, Code Enforcement
6. Private Storm Drain Inlet Retrofitting permit cite IV.B.5.a.vi	7/8/10	www.lakewoodnj.gov/updates.php#planning	Yes	Police, Code Enforcement
7. Stormwater Control Ordinance permit cite IV.B.4.g and IV.B.5.a.vii	12/14/06	www.lakewoodnj.gov/updates.php#planning	Yes	Police, Code Enforcement
8. Illicit Connection Ordinance permit cite IV.B.5.a.vii and IV.B.6.d	9/22/05	www.lakewoodnj.gov/updates.php#planning	Yes	Police, Code Enforcement
9. Optional: Refuse Container/ Dumpster Ordinance permit cite IV.E.2	7/8/10	www.lakewoodnj.gov/updates.php#planning	Yes	Police, Code Enforcement
Indicate the location of records associated with ordinances and related enforcement actions:				
Lakewood DPW Administration building.				



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.

Lakewood Township's Public Works Department sweeps all regulated municipal roadways in accordance with, or exceeding the NJDEP MS4 stormwater standards.

Summary of regulated swept roads (2018) Provided in Sleeve #1 (enclosed).

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.

All other non-regulated roads within Township. There is no shared services street sweeping obligations with other municipalities or governmental entities.

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

No. However, street sweepings are received from Toms River Township.

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.

Lakewood DPW Administration Building, One America Avenue, Lakewood, NJ.

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>Summary of inlet inspections and cleaning (2018) Provided in Sleeve #2 (enclosed).</p>
<p>2. List the locations of catch basins and storm drain inlets with recurring problems, i.e., flooding, accumulated debris, etc.</p>
<p>Areas where there are recurring problems with inlets include Pine Street, Second Street, Squankum Road and South Lake Drive.</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>Areas with chronic drainage problems are prioritized by DPW including routine inspections after storm events, more regular debris cleaning and system repairs.</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>Lakewood Township provided services to label inlets in accordance with the requirements and timetables within its MS4 permit. Lakewood labeled all storm drain inlets that are along municipal streets with sidewalks, and all storm drain inlets within plazas, parking areas or maintenance yards that are operated by Lakewood Township.</p> <p>Lakewood uses an appropriate method of labeling inlets that reads "NO DUMPING - DRAINS TO WATERWAY", with a picture of a fish next to it.</p> <p>During our annual catch basin cleaning program, Lakewood checks these labels to ensure that they are still visible, and if they are not, we will ensure that the labels are replaced immediately.</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.
Lakewood DPW Administration Building.

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/parking/paving projects are designed, bid and/or constructed to include storm drain inlet retrofits whenever existing (non-compliant) inlets are in contact with new paving.
2. Describe the inspection process to verify that appropriate retrofits are completed on municipally owned storm drain inlets.
All municipal road/parking/paving projects are inspected by engineering or DPW personnel to ensure completion.
3. Describe the procedure for ensuring that privately owned storm drain inlets are retrofitted.
All private road/parking/paving projects are designed, bid and/or constructed to include storm drain inlet retrofits whenever existing (non-compliant) inlets are in contact with new paving.
4. Describe the inspection process to verify that appropriate retrofits are completed on privately owned storm drain inlets. All private road/parking/paving projects are inspected by engineering or DPW personnel to ensure completion.



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:

One America Avenue, Lakewood, NJ 08701

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 –

Only waste materials are sweepings and inlet/pipe wastes from vac truck maintenance. Said materials are stored and disposed per NJDEP standards and Good Housekeeping Practices.

By-products –

None.

Machinery –

None.

None.

Fuel –

None.

Lubricants –

None.

Solvents –
None.

Detergents related to municipal maintenance yard or ancillary operations –

Only detergent materials used are those for (enclosed) DPW truck washing. No exposure to Storm water.

Other –
None.

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

Establish, maintain and implement standard operating procedures to address vehicle fueling; receipt of bulk fuel; associated piping and fuel pumps (**see (a-d), below**):

- a. Place drip pans under all hose and pipe connections and other leak-prone areas during bulk transfer of fuels.
- b. Block storm sewer inlets, or contain tank trucks used for bulk transfer, with temporary berms or temporary absorbent booms during the transfer process. If temporary berms or booms are being used instead of blocking the fuel shall be within the temporarily bermed or boomed area during the loading/unloading of bulk fuels. A trained employee shall be present to supervise the bulk transfer of fuel.

- c. Clearly post, in a prominent area of the facility, instructions for safe operation of fueling equipment. Include all of the following: “Topping off of vehicles, mobile fuel tanks, and storage tanks is strictly prohibited” “Stay in view of fueling nozzle during dispensing” Contact information for the person(s) responsible for spill response.
- d. Immediately repair or replace any equipment, tanks, pumps, piping and fuel dispensing equipment found to be leaking or in disrepair.

2. Vehicle Maintenance

Establish, maintain and implement standard operating procedures to address vehicle maintenance
(see (a-b), below):

- a. Operate and maintain equipment to prevent the exposure of pollutants to storm water.
- b. Whenever possible, conduct vehicle and equipment maintenance activities indoors. For projects that must be conducted outdoors, and that last more than one day, portable tents or covers shall be placed over the equipment being serviced when not being worked on, and drip pans shall be used at all times. Use designated areas away from storm drains or block storm drain inlets when vehicle and equipment maintenance is being conducted outdoors.

3. On-Site Equipment and Vehicle Washing

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

Vehicle wash reclaim system installed in 2006. **Certifications provided under separate cover.**

4. Discharge of Stormwater from Secondary Containment

Not Applicable.

5. Salt and De-Icing Material Storage and Handling

See procedures (a-f) below:

- a. Store material in a permanent structure.
- b. Perform regular inspections and maintenance of storage structure and surrounding area.
- c. Minimize tracking of material from loading and unloading operations.
- d. During loading and unloading:
 - a. Conduct during dry weather, if possible;
 - b. Prevent and/or minimize spillage; and
 - c. Minimize loader travel distance between storage area and spreading vehicle.
- e. Sweep (or clean using other dry cleaning methods):
 - a. Storage areas on a regular basis;
 - b. Material tracked away from storage areas; c. Immediately after loading and unloading is complete.
- f. Reuse or properly discard materials collected during cleanup.

6. Aggregate Material and Construction Debris Storage

See procedures (a-d) below:

- a. Store materials such as sand, gravel, stone, top soil, road millings, waste concrete, asphalt, brick, block and asphalt based roofing scrap and processed aggregate in such a manner as to minimize storm water run-on and aggregate run-off via surface grading, dikes and/or berms (which may include sand bags, hay bales and curbing, among others) or three sided storage bays. Where possible the open side of storage bays shall be situated on the upslope. The area in front of storage bays and adjacent to storage areas shall be swept clean after loading/unloading.

b. Sand, top soil, road millings and processed aggregate may only be stored outside and uncovered if in compliance with item 1 above and a 50-foot setback is maintained from surface water bodies, storm sewer inlets, and/or ditches or other storm water conveyance channels.

c. Road millings must be managed in conformance with the “Recycled Asphalt Pavement and Asphalt Millings (RAP) Reuse Guidance” (see www.nj.gov/dep/dshw/rntp/asphaltguidance.pdf) or properly disposed of as solid waste pursuant to N.J.A.C. 7:26-1 et seq.

d. The stockpiling of materials and construction of storage bays on certain land (including but not limited to coastal areas, wetlands and floodplains) may be subject to regulation by the Division of Land Use Regulation (see www.nj.gov/dep/landuse/ for more information).

7. Street Sweepings, Catch Basin Clean Out and Other Material Storage

See procedures (a-c) below:

1. For the purposes of this permit, this BMP is intended for road cleanup materials as well as other similar materials. Road cleanup materials may include but are not limited to street sweepings, storm sewer clean out materials, storm water basin clean out materials and other similar materials that may be collected during road cleanup operations. These BMPs do not cover materials such as liquids, wastes which are removed from municipal sanitary sewer systems or material which constitutes hazardous waste in accordance with N.J.A.C. 7:26G-1.1 et seq.

2. Road cleanup materials must be ultimately disposed of in accordance with N.J.A.C. 7:26-1.1 et seq. See the “Guidance Document for the Management of Street Sweepings and Other Road Cleanup Materials” (www.nj.gov/dep/dshw/rntp/sweeping.htm).

3. Road cleanup materials placed into storage must be, at a minimum:

- a. Stored in leak-proof containers or on an impervious surface that is contained (e.g. bermed) to control leachate and litter; and

- b. Removed for disposal (in accordance with 2, above) within six (6) months of placement into storage.

8. Yard Trimmings and Wood Waste Management Sites

See procedures (1-3) below:

1. These practices are applicable to any yard trimmings or wood waste management site:
2. Yard trimmings or wood waste management sites must be operated in a manner that:
 - a. Diverts storm water away from yard trimmings and wood waste management operations; and
 - b. Minimizes or eliminates the exposure of yard trimmings, wood waste and related materials to storm water.
3. Yard trimmings and wood waste management site specific practices:
 - a. Construct windrows, staging and storage piles:
 - i. In such a manner that materials contained in the windrows, staging and storage piles (processed and unprocessed) do not enter waterways of the State;
 - ii. On ground which is not susceptible to seasonal flooding;
 - iii. In such a manner that prevents storm water run-on and leachate run-off (e.g. use of covered areas, diversion swales, ditches or other designs to divert storm water from contacting yard trimmings and wood waste).
 - b. Maintain perimeter controls such as curbs, berms, hay bales, silt fences, jersey barriers or setbacks, to eliminate the discharge of storm water runoff carrying leachate or litter from the site to storm sewer inlets or to surface waters of the State.
 - c. Prevent on-site storm drain inlets from siltation using controls such as hay bales, silt fences, or filter fabric inlet protection.

- d. Dry weather run-off that reaches a municipal stormwater sewer system is an illicit discharge. Possible sources of dry weather run-off include wetting of piles by the site operator; uncontrolled pile leachate or uncontrolled leachate from other materials stored at the site.
- e. Remove trash from yard trimmings and wood waste upon receipt.
- f. Monitor site for trash on a routine basis.
- g. Store trash in leak-proof containers or on an impervious surface that is contained (e.g. bermed) to control leachate and litter; ‘
- h. Dispose of collected trash at a permitted solid waste facility.
- i. Employ preventative tracking measures, such as gravel, quarry blend, or rumble strips at exits.

9. Roadside Vegetation Management

See (1), below:

1. Lakewood Township shall restrict the application of herbicides along roadsides in order to prevent it from being washed by storm water into the waters of the State and to prevent erosion caused by de-vegetation, as follows:

Lakewood Township shall not apply herbicides on or adjacent to storm drain inlets, on steeply sloping ground, along curb lines, and along unobstructed shoulders.

Lakewood Township shall only apply herbicides within a 2 foot radius around structures where

overgrowth presents a safety hazard and where it is unsafe to mow.

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

Within 6 months of commencing duties, watch *Asking the Right Questions in Stormwater Review Training Tool*. 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. **Township Planning Department**

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. **Township Engineering Department/or at request.**

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.

Outfall Pipe Map Provided in Sleeve #3 (enclosed).

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

All municipally-owned and operated outfalls are inspected annually, and during routine storm water inspections. Records are kept at the DPW Administration Building, One America Avenue, Lakewood, NJ.

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.

All municipally-owned and operated outfalls are inspected annually, and during routine storm water inspections. Repairs are prioritized and performed as weather and resources allow.

Records are kept at the DPW Administration Building.

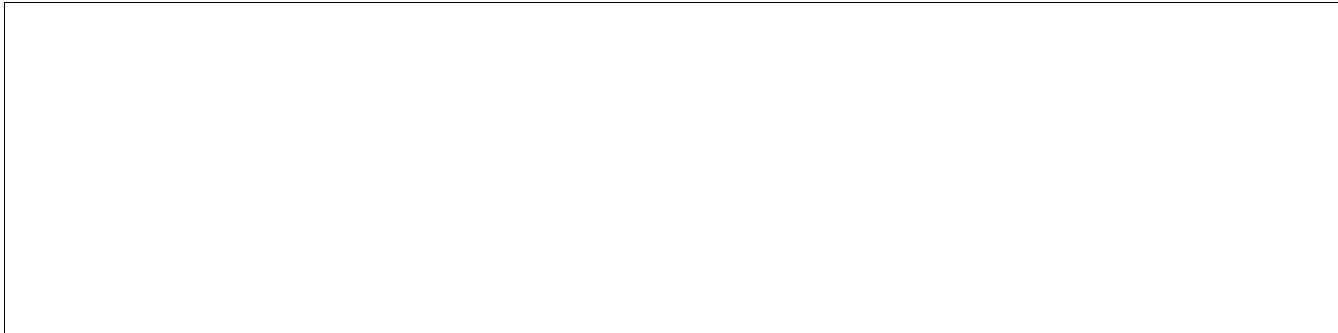
4. **Illicit Discharges:** Describe the program in place for conducting visual dry weather inspections of municipally owned or operated outfall pipes. Record cases of illicit discharges using the DEP's Illicit Connection Inspection Report Form (www.nj.gov/dep/dwq/tier_a_forms.htm) and indicate the location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

In accordance with Lakewood's illicit connections permit obligations, all municipally owned and operated outfalls are inspected during each permit cycle (at a minimum) for evidence of illicit connections during dry weather conditions.

The most recent inspections of municipal outfalls occurred in 2016, as a result of a joint MS4 audit by the USEPA and NJDEP. No evidence of illicit connections was found.

Records are available at the Lakewood DPW Administration building.



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.

In 2018, Lakewood Township formed a DPW maintenance crew, tasked with cleaning and maintenance of all municipally-owned storm water facilities. All municipally owned BMPs, piping, outfalls, inlets and other facilities are inspected, cleaned and maintained by DPW maintenance crew personnel in accordance with, or exceeding Lakewood's MS4 permit obligations.

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.

For major development projects as defined per NJAC 7:8, all projects involving BMPs prepare, and file a storm water maintenance plan with Ocean County as per NJAC 7:8.

All private facilities are observed by DPW and township personnel during routine inspections.

Owners of private facilities requiring repair as observed during routine inspections, or as reported to Lakewood Township are notified in writing to effect necessary repairs and 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.

Lakewood DPW Administration Building.

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.

Municipality and County

Lakewood Township
Ocean County

Total Maximum Daily Load(TMDL) Information for Selected Municipality:

Applicable Stream TMDL(s)

- Total Maximum Daily Loads for Fecal Coliform to Address 31 Streams in the Atlantic Water Region
Fecal Coliform - 2003 : Metedeconk River N Br, Haystack Brook, Muddy Ford Brook, Titmouse Creek, Snipe Creek : [View the TMDL Document](#)
- Total Maximum Daily Loads for Fecal Coliform to Address 31 Streams in the Atlantic Water Region
Fecal Coliform - 2003 : Metedeconk River SBr : [View the TMDL Document](#)
- Total Maximum Daily Loads for Fecal Coliform to Address 31 Streams in the Atlantic Water Region
Fecal Coliform - 2003 : Toms River/Dove Mill Branch : [View the TMDL Document](#)
- Total Maximum Daily Load for Mercury Impairments Based on Concentration in Fish Tissue Caused Mainly by Air Deposition to Address 122 HUC 14s Statewide
Mercury - 2010 : Metedeconk R SB (Rt 9 to Bennetts Pond) : [View the TMDL Document](#)

Applicable Lake TMDL(s)

- Total Maximum Daily Loads for Pathogens to Address 18 Lakes in the Atlantic Coastal Water Region
Fecal Coliform - 2007 : Carasaljo Lake : [View the TMDL Document](#)
- Total Maximum Daily Loads for Pathogens to Address 18 Lakes in the Atlantic Coastal Water Region
Fecal Coliform - 2007 : Ocean County Park Lake : [View the TMDL Document](#)

Applicable Shellfish TMDL(s)

- Fourteen Total Maximum Daily Loads for Total Coliform to Address Shellfish-Impaired Waters in Watershed Management Area 13

Total coliform - 2006 : Barnegat Bay-D, Metedeconk-A : [View the TMDL Document](#)

- Fourteen Total Maximum Daily Loads for Total Coliform to Address Shellfish-Impaired Waters in Watershed Management Area 13

Total coliform - 2006 : Barnegat Bay-E : [View the TMDL Document](#)

- Fourteen Total Maximum Daily Loads for Total Coliform to Address Shellfish-Impaired Waters in Watershed Management Area 13

Total coliform - 2006 : Barnegat Bay-L, Toms River-A : [View the TMDL Document](#)

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

TMDLs listed (primarily coliform and pathogens) are not used to prioritize storm water facility maintenance projects at this time. Should NJDEP mandate Lakewood's prioritization of maintenance based on these data, Lakewood DPW will make a good faith effort to do so.

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.

Lakewood Township adopted and implemented the private refuse container/dumpster ordinance in July, 2010.

In 2018, Lakewood Township partnered with the Brick Township MUA in applying for NJDEP 2018 Water Quality Restoration Grant funding, requested to address non-point source pollution occurring within municipal portions of the Barnegat Bay Watershed. Approximately \$1.0M of grant funding was issued in Spring, 2019 to the Brick MUA for various tasks identified in the grant application.

Lakewood will continue collaborating with Brick MUA personnel to address nonpoint source pollution using these monies, following the lead of the Brick MUA.

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