

# **STORMWATER POLLUTION PREVENTION PLAN**

## **Tier A Municipal Stormwater General Permit**

**Township of Aberdeen  
Monmouth County  
NJPDES #: NJG0152676  
PI ID #: 166943**

**Effective Date of Permit Authorization (EDPA): April 1, 2004  
Last Amended: September 1, 2019**



**Consulting & Municipal  
ENGINEERS**

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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>	
<b>Print/Type Name and Title</b>	<b>Sandra Caceres, Public Works Director</b>
<b>Office Phone # and eMail</b>	<b>732-583-4200, ext. 400 / sandra.caceres@aberdeennj.org</b>
<b>Signature/Date</b>	
<b>Individual(s) Responsible for Major Development Project Stormwater Management Review</b>	
<b>Print/Type Name and Title</b>	<b>John Morris, CME Associates</b>
<b>Print/Type Name and Title</b>	<b>Justine Fox, CME Associates</b>
<b>Print/Type Name and Title</b>	<b>Shane Bonczak, CME Associates</b>
<b>Print/Type Name and Title</b>	
<b>Print/Type Name and Title</b>	
<b>Other SPPP Team Members</b>	
<b>Print/Type Name and Title</b>	<b>Karen Ventura, Township Clerk</b>
<b>Print/Type Name and Title</b>	<b>Lee Cohen, Esq., Township Attorney</b>
<b>Print/Type Name and Title</b>	<b>Matthew Dimitracopoulos, Township Utilities Supervisor</b>
<b>Print/Type Name and Title</b>	<b>Ken Marr, Jr., Code Enforcement Officer</b>
<b>Print/Type Name and Title</b>	

## 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.	03-09-2005		Forms 1-17	Completion of SPPP
2.	04-24-2009		Forms 1-7	Permit renewal requirements update
3.	09-23-2009		Forms 1-5	SPPP Update
4.	09-01-2019		Forms 1-15	Permit renewal requirements update
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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="http://www.aberdeennj.org/content/153/177/299/default.aspx">http://www.aberdeennj.org/content/153/177/299/default.aspx</a>
2. Date of most current SPPP:	September 1, 2019
3. Website URL where the Municipal Stormwater Management Plan (MSWMP) is posted online:	<a href="http://www.aberdeennj.org/content/153/177/299/default.aspx">http://www.aberdeennj.org/content/153/177/299/default.aspx</a>
4. Date of most current MSWMP:	May 2006
5. Physical location and/or website URL where associated municipal records of public notices, meeting dates, minutes, etc. are kept:	<p><b>Public Notices:</b>  <a href="http://www.aberdeennj.org/content/155/1000/default.aspx">http://www.aberdeennj.org/content/155/1000/default.aspx</a></p> <p><b>Agendas and Minutes:</b>  <a href="http://www.aberdeennj.org/content/151/380/default.aspx">http://www.aberdeennj.org/content/151/380/default.aspx</a></p>
6. Describe how the permittee complies with applicable state and local public notice requirements when providing for public participation in the development and implementation of a MS4 stormwater program:	
<p><b>The Township of Aberdeen provides 10 day's notice for all public meetings in the appropriate local papers. For meetings where public notice is required under the Open Public Meetings Act ("Sunshine Law," N.J.S.A. 10:4-6 et seq.), Aberdeen Township provides public notice in a manner that complies with the requirements of that Act. For the passage of ordinances, Aberdeen Township provides public notice in a manner that complies with the requirements of N.J.S.A. 40:49-2. In addition, for municipal actions (e.g. adoption or amendment of the Municipal Stormwater Management Plan) subject to public notice requirements in the Municipal Land Use Law (N.J.S.A. 40:55D-13, 28 and 94), Aberdeen Township complies with those requirements. The Township also requires that applicants for development meet the notice requirements of N.J.S.A. 40:55D-12.</b></p> <p><b>The SPPP is located at the Department of Public Works office, and is available to the New Jersey Department of Environmental Protection (NJDEP), Township employees, and the public upon request.</b></p> <p><b>All ordinances required by this permit will be provided on the Township's website.</b></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 Township will conduct educational and outreach activities that total a minimum of 12 points annually from at least three out of the five categories set forth in Attachment B of the Township's Tier A Municipal Stormwater General Permit. The activities are advertised as follows:**

**Public education and outreach events are advertised through the Township's website and social media sites. DEP brochures are mailed to our residents and businesses as well. Extra copies are available at the Township 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.

**The Township holds an annual public education program in conjunction with the Township's annual "Aberdeen Day" celebration. The DEP brochure and other educational materials are available during this celebration. In addition, we invite local environmental clubs from the Township and high school to set up their own "awareness" booths at this event.**

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

**The Township's Public Information Office maintains records of mailing dates and public event information.**

## 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'?
<p><b>“Major Development” as defined in the Stormwater Control Ordinance (Ord. No. 14-2006) means any “development” that provides for ultimately disturbing one or more acres of land or creates more than one quarter acre of new impervious area. 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.</b></p> <p><b>“Development” as defined in the Stormwater Control Ordinance (Ord. No. 14-2006) includes construction and reconstruction amongst other types of parcel and site modifications.</b></p>
2. Does the municipality approach residential projects differently than it does for non-residential projects? If so, how?
<p><b>For residential projects, the Township reviews the design and observes the construction of development and redevelopment projects for conformance to the Residential Site Improvement Standards (RSIS) for stormwater management (including the NJDEP Stormwater Management rules, N.J.A.C. 7:8, referenced in those standards).</b></p> <p><b>For non-residential and commercial projects, the Township reviews the design and observes the construction of development and redevelopment projects for conformance to the Township’s Stormwater Control Ordinance (including the NJDEP Stormwater Management rules, N.J.A.C. 7:8, referenced in the ordinance).</b></p> <p><b>The Township’s planning and zoning boards review for such compliance before issuing preliminary or final subdivision or site plan approvals under the Municipal Land Use Law even if a separate permit is required by the NJDEP for the same or similar activity (e.g. a Land Use permit).</b></p> <p><b>Compliance with Attachment C of the Stormwater General Permit Renewal (Design Standards for Storm Drain Inlets) for residential and non-residential projects are outlined on Form 9. Long-term cleaning, operation and maintenance of stormwater management measures for residential and non-residential projects are outlined on Form 13.</b></p>
3. What process is in place to ensure that municipal projects meet the Stormwater Control Ordinance?
<p><b>Township owned projects are designed in accordance with the Township’s Stormwater Control Ordinance and N.J.A.C. 7:8. The Township performs construction inspection and administration to ensure that the projects are constructed as per the bid plans and specifications as well.</b></p>

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

All records must be available upon request by NJDEP.

<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><b>The Township reviews major development project applications for compliance with the Township's Stormwater Control Ordinance and/or the RSIS as part of the land use board approval process. For all major development project applications, the Township reviews the applications for conformance to the applicable requirements in N.J.A.C 7:8.</b></p>	
<p>5. Does the Municipal Stormwater Management Plan include a mitigation plan?</p>	<p><b>The MSWMP details the Township's mitigation plans.</b></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><b>The Township Planning Board office maintains all approved applications for major development projects, Major Development Summary Sheets, and mitigation plans.</b></p>



## SPPP Form 6 – Ordinances

All records must be available upon request by NJDEP.

Ordinance <i>permit cite IV.B.1.b.iii</i>	Date of Adoption	Website URL	Was the DEP model ordinance adopted without change?	Entity responsible for enforcement
1. Pet Waste <i>permit cite IV.B.5.a.i</i>	09-06-2005	<a href="http://www.aberdeen.nj.org/content/153/177/299/default.aspx">http://www.aberdeen.nj.org/content/153/177/299/default.aspx</a>	Yes, with minor edits	Code Enforcement Official
2. Wildlife Feeding <i>permit cite IV.B.5.a.ii</i>	09-06-2005	<a href="http://www.aberdeen.nj.org/content/153/177/299/default.aspx">http://www.aberdeen.nj.org/content/153/177/299/default.aspx</a>	Yes, with minor edits	Code Enforcement Official
3. Litter Control <i>permit cite IV.B.5.a.iii</i>	09-06-2005	<a href="http://www.aberdeen.nj.org/content/153/177/299/default.aspx">http://www.aberdeen.nj.org/content/153/177/299/default.aspx</a>	Yes, with minor edits	Code Enforcement Official
4. Improper Disposal of Waste <i>permit cite IV.B.5.a.iv</i>	09-06-2005	<a href="http://www.aberdeen.nj.org/content/153/177/299/default.aspx">http://www.aberdeen.nj.org/content/153/177/299/default.aspx</a>	Yes, with minor edits	Code Enforcement Official
5. Containerized Yard Waste/ Yard Waste Collection Program <i>permit cite IV.B.5.a.v</i>	09-06-2005	<a href="http://www.aberdeen.nj.org/content/153/177/299/default.aspx">http://www.aberdeen.nj.org/content/153/177/299/default.aspx</a>	Yes, with minor edits	Code Enforcement Official
6. Private Storm Drain Inlet Retrofitting <i>permit cite IV.B.5.a.vi</i>	08-02-2011	<a href="http://www.aberdeen.nj.org/content/153/177/299/default.aspx">http://www.aberdeen.nj.org/content/153/177/299/default.aspx</a>	Yes, with minor edits	Code Enforcement Official
7. Stormwater Control Ordinance <i>permit cite IV.B.4.g and IV.B.5.a.vii</i>	06-20-2006	<a href="http://www.aberdeen.nj.org/content/153/177/299/default.aspx">http://www.aberdeen.nj.org/content/153/177/299/default.aspx</a>	Yes, with minor edits	Code Enforcement Official
8. Illicit Connection Ordinance <i>permit cite IV.B.5.a.vii and IV.B.6.d</i>	09-06-2005	<a href="http://www.aberdeen.nj.org/content/153/177/299/default.aspx">http://www.aberdeen.nj.org/content/153/177/299/default.aspx</a>	Yes, with minor edits	Code Enforcement Official
9. Optional: Refuse Container/ Dumpster Ordinance <i>permit cite IV.E.2</i>	08-02-2011	<a href="http://www.aberdeen.nj.org/content/153/177/299/default.aspx">http://www.aberdeen.nj.org/content/153/177/299/default.aspx</a>	Yes, with minor edits	Code Enforcement Official
Indicate the location of records associated with ordinances and related enforcement actions:				
<p><b>Records associated with ordinances and related enforcement actions are kept at the Township Clerk and Code Enforcement offices.</b></p> <p><b>The Township Code Enforcement Official will be enforcing these ordinances. A warning will be issued for first time offenses, and penalties will be issued for subsequent offenses.</b></p> <p><b>Informational sheets provided by the NJDEP regarding pet waste will be distributed during the issuance of pet licenses.</b></p>				

## **SPPP Form 6 – Ordinances**

All records must be available upon request by NJDEP.

### **Yard Waste Collection Program**

**The Township has developed a yard waste collection and disposal program along with an adopted ordinance that prohibits non-containerized yard wastes in the street.**

**The Township will be conducting monthly collections of leaves during the months of October, November and December. During the first three quarters of the year, Aberdeen Township may hold additional yard waste collections. During the months with scheduled collections, the schedule will be posted on the Township's website and in the local newspaper.**

**The Township of Aberdeen has also adopted and enforces a yard waste ordinance that prohibits all yard wastes from being placed at the curb or along the street more than seven (7) days prior to a scheduled collection. In addition, the ordinance prohibits placing non-containerized yard waste closer than ten (10) feet from any storm sewer inlet along the street.**

**The Township has included in its garbage contract a provision for the hauler to remove brush and branches. They must be tied in small bundles of less than four (4) feet in length, each branch shall not be larger than three (3) inches in diameter, and only two (2) bundles maximum per pick-up is allowed.**

## 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.

**The Township does not have any roads that meet the street sweeping requirements in the Stormwater General Permit.**

**Annually, the Township will evaluate their municipal roads for conformance to the street sweeping requirement in the Stormwater General Permit. If a municipal road is found to meet all of the requirements in the street sweeping section of the Stormwater General Permit, it will be incorporated into the Township's street sweeping program for mandatory monthly sweepings.**

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.

**Aberdeen Township has established a street sweeping program, which includes sweeping all streets every six (6) weeks weather permitting, for a minimum of six (6) times per year. No streets are swept through a shared service arrangement.**

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

**The Township 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.

**The Township maintains all associated street sweeping records at the Department of Public Works office.**

## 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.

**Aberdeen Township has implemented an annual catch basin cleaning program to maintain catch basin function and efficiency, and has been in place since April 2005. All catch basins are inspected annually. If at the time of inspection, no trash or sediments are found, the basin will not be cleaned. At the time of cleaning, the catch basins will also be inspected for proper function. Maintenance will be scheduled for those basins that need repair.**

**Catch basin inspection observations determine the type of repair if such is required. Repairs for wall damage, pipe clogging, grate & curb piece damage, asphalt damage, and/or sink holes adjacent to basins are top priority.**

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

**There are no catch basins with recurring problems.**

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

**No measures have been taken since there are no catch basins with recurring problems.**

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.

**All storm drain inlets have been labelled throughout the Township. The Township currently maintains the legibility of all storm drain inlet labels along municipal streets with sidewalks, and all storm drain inlets within plazas, parking areas, and maintenance yards that are operated by the Township of Aberdeen. This maintenance is currently completed through routine checks by the Township's Public Works personnel.**

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.

**Records of storm drain inlet cleanings and inspections are located at the Department of Public Works office.**

## 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 all projects, Aberdeen Township will use the NJDOT compliant inlets, bicycle-safe grates, and curb pieces, manufactured by Campell Foundary Company or an approved equal, in accordance with the Standards in Attachment C of the Stormwater General Permit.**

**The Township has adopted a road improvement program that addresses a schedule for the improvement or reconstruction of every road within the Township. Inlets are replaced on the roads to be reconstructed with bicycle-safe grates and NJDOT compliant curb pieces with the words “drains to waterway” or appropriate phrase with an embossment of a trout next to the words.**

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

**The Township inspects and verifies that municipally owned storm drain inlets have been retrofitted for all development and improvement projects as required during construction.**

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

**The Township of Aberdeen enforces, through the Stormwater Control Ordinance and Private Storm Drain Inlet Retrofitting Ordinance, compliance with the design standards in Attachment C of the Stormwater General Permit to control passage of solid and floatable materials through storm drain inlets. The Township expects for most projects, that such compliance will be achieved either by installation of the NJDOT bicycle safe grate and (if needed) a curb opening with a clear space no more than seven (7.0) square inches or no more than two (2.0) inches across the smallest dimension, or by conveying flows through a trash rack as described in the “Exemptions from the Design Standard” in Attachment C of the Stormwater General Permit Renewal.**

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

**The Private Storm Drain Inlet Retrofitting Ordinance is enforced by the Township through site construction observations.**

# 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:

**147 Lenox Road, Aberdeen, NJ 07747**

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 – **Stone**

Intermediate products – **None**

Final products – **None**

Waste materials – **Garbage**

By-products – **None**

Machinery – **Heavy equipment, trailers, dump trucks**

Fuel – **Diesel tank**

Lubricants – **None**

Solvents – **None**

Detergents related to municipal maintenance yard or ancillary operations – **None**

Other – **None**

# SPPP Form 10 – Municipal Maintenance Yards and Other Ancillary Operations

All records must be available upon request by NJDEP.

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

**Fueling areas will be inspected once a month for cleanliness and spills. In addition, visual inspections will be completed when stormwater from that general area is discharging into the storm sewer system.**

**Inspection logs and tracking forms are located at the Department of Public Works office. Attachment E of the Stormwater General Permit Renewal is attached that details the standard operating procedures of which the Township complies with.**

## 2. Vehicle Maintenance

**Monthly inspections will be held to ensure that the Standard Operating Procedures are being met.**

**Inspection logs and tracking forms are located at the Department of Public Works office. Attachment E of the Stormwater General Permit Renewal is attached that details the standard operating procedures of which the Township complies with.**

## 3. On-Site Equipment and Vehicle Washing

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

**On-site equipment and vehicle washing is not performed at this facility.**

## 4. Discharge of Stormwater from Secondary Containment

**There are no secondary containment areas at this facility.**

# SPPP Form 10 – Municipal Maintenance Yards and Other Ancillary Operations

All records must be available upon request by NJDEP.

5. Salt and De-Icing Material Storage and Handling
<p>The Township of Aberdeen stores its de-icing material (salt) at this facility. Currently, the Township has a three (3) sided salt shed structure protecting the salt year round. A large industrial strength curtain has been installed to cover the openings to the salt shed.</p> <p>Inspection logs and tracking forms are located at the Department of Public Works office. Attachment E of the Stormwater General Permit Renewal is attached that details the standard operating procedures of which the Township complies with.</p>
6. Aggregate Material and Construction Debris Storage
<p>Material is temporarily stored in a dumpster, and is hauled off site approximately once a week.</p> <p>Inspection logs and tracking forms are located at the Department of Public Works office. Attachment E of the Stormwater General Permit Renewal is attached that details the standard operating procedures of which the Township complies with.</p>
7. Street Sweepings, Catch Basin Clean Out and Other Material Storage
<p>Material is temporarily stored in a dumpster, and is hauled off site approximately once a week.</p> <p>Inspection logs and tracking forms are located at the Department of Public Works office. Attachment E of the Stormwater General Permit Renewal is attached that details the standard operating procedures of which the Township complies with.</p>
8. Yard Trimmings and Wood Waste Management Sites
<p>Material is temporarily stored in a dumpster, and is hauled off site approximately once a week.</p> <p>Inspection logs and tracking forms are located at the Department of Public Works office. Attachment E of the Stormwater General Permit Renewal is attached that details the standard operating procedures of which the Township complies with.</p>
9. Roadside Vegetation Management
<p>Material is temporarily stored in a dumpster, and is hauled off site approximately once a week.</p> <p>Inspection logs and tracking forms are located at the Department of Public Works office. Attachment E of the Stormwater General Permit Renewal is attached that details the standard operating procedures of which the Township complies with.</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>		
<b>Topic</b>	<b>Frequency</b>	<b>Title of trainer or office to conduct training</b>
1. Maintenance Yard Operations (including Ancillary Operations)	Every year	DPW Director; Records located at the DPW office
2. Stormwater Facility Maintenance	Every year	DPW Director; Records located at the DPW office
3. SPPP Training & Recordkeeping	Every year	DPW Director; Records located at the DPW office
4. Yard Waste Collection Program	Every 2 years	DPW Director; Records located at the DPW office
5. Street Sweeping	Every 2 years	DPW Director; Records located at the DPW office
6. Illicit Connection Elimination and Outfall Pipe Mapping	Every 2 years	DPW Director; Records located at the DPW office
7. Outfall Pipe Stream Scouring Detection and Control	Every 2 years	DPW Director; Records located at the DPW office
8. Waste Disposal Education	Every 2 years	DPW Director; Records located at the DPW office
9. Municipal Ordinances	Every 2 years	DPW Director; Records located at the DPW office
10. Construction Activity/Post-Construction Stormwater Management in New Development and Redevelopment	Every 2 years	DPW Director; Records located at the DPW office
<p><b>B. Municipal Board and Governing Body Members Training:</b> Required for individuals who review and approve applications for development and redevelopment projects in the municipality. This includes members of the planning and zoning boards, town council, and anyone else who votes on such projects. Training is in the form of online videos, posted at <a href="http://www.nj.gov/dep/stormwater/training.htm">www.nj.gov/dep/stormwater/training.htm</a>.</p> <p>Within 6 months of commencing duties, watch <i>Asking the Right Questions in Stormwater Review Training Tool</i>. Once per term thereafter, watch at least one of the online DEP videos in the series available under Post-Construction Stormwater Management. Indicate the location of records documenting the names, video titles, and dates completed for each board and governing body member.</p> <p><b>The Township will ensure that all applicable municipal board and governing body members watch, “Asking the Right Questions in Stormwater Reviewing Training Tool (2015)” video. Additionally, the Township will ensure that once per term of service thereafter, members review at least one of the tools offered under Post-Construction Stormwater Management found at the website above. Records for the above training will be maintained at the Department of Public Works office.</b></p>		

## SPPP Form 11 – Employee Training

All records must be available upon request by NJDEP.

**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.

**Three (3) employees from the Township Engineer's Office listed on Form 1 of the SPPP have attended the two-day training course conducted by DEP staff. Each employee has provided their name, as well as the dates that they attended the course to DEP for their records.**

## SPPP Form 12 – Outfall Pipes

All records must be available upon request by NJDEP.

1. **Mapping:** Attach an image or provide a link to the most current outfall pipe map. Maps shall be updated at the end of each calendar year.

*Note that ALL maps must be electronic by 21 Dec 2020 via the DEP's designated electronic submission service. For details, see [http://www.nj.gov/dep/dwq/msrp\\_map\\_aid.htm](http://www.nj.gov/dep/dwq/msrp_map_aid.htm).*

**The Township has located and mapped all known MS4 outfall pipes. An alphanumeric identifier has been assigned to all MS4 outfall pipe downstream end locations, and all water bodies receiving MS4 outfall pipe discharges are also identified on this map.**

**A copy of the outfall pipe map is provided with Form 12. A GIS database has also been prepared that georeferenced all outfall pipe downstream end locations, and has been submitted to the NJDEP via their electronic submission service.**

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

**The Township will inspect all MS4 outfall pipes annually.**

**The Township will maintain inspection logs at the Department of Public Works 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.

**While doing the annual routine inspections for the illicit connection part of this program, the Township will also inspect the MS4 outfalls for signs of scouring. All such sites 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. Repairs that do not need NJDEP permits will be done first.**

**The Township will maintain inspection logs at the Department of Public Works office.**

## SPPP Form 12 – Outfall Pipes

All records must be available upon request by NJDEP.

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/dwg/tier\\_a\\_forms.htm](http://www.nj.gov/dep/dwg/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 Township will conduct annual inspections of all MS4 outfall pipes for signs of dry weather flows.**

**The Township will also investigate for dry weather flows during routine inspections and maintenance of other elements of the MS4's. The DEP Illicit Connection Report Form will be used to conduct the annual inspections, and each form will be kept with the SPPP. All outfall pipes that are found to have dry weather flow will be rechecked again in an effort to locate the illicit connection. If the Township is able to locate the illicit connection (and it is within Aberdeen Township), the responsible party will be cited for being in violation of the Illicit Connection Ordinance, and will receive orders to have the connection eliminated immediately. If the Township, after the appropriate amount of investigations, is unable to locate the source of said connection, a Closeout Investigation Form will be submitted with the Township's Annual Inspection and Recertification. If the illicit connection is found to originate from another public entity, the Township will report the illicit connection to the Department.**

**A complaint hotline (732-583-4200 x100) is currently in use for residents to report illicit dumping and other such criminal offenses. The Township will respond to complaints and reports of illicit connections within three (3) months of receipt.**

**The Township will maintain inspection logs at the Department of Public Works office.**

## 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.

**Aberdeen Township has implemented a stormwater facility maintenance program to ensure that all stormwater facilities operated by the Township function properly. Aberdeen Township operates the following: swales, catch basins, storm drains, infiltration/detention basins, and outfalls. These stormwater facilities will be inspected annually to ensure that they are functioning properly.**

**Since the first EDPA (April 1, 2004), Aberdeen Township has not constructed any new development or redevelopment projects on Township property. If the Township decides to construct such project(s), the Township will ensure long-term operation and preventative and corrective maintenance (including replacement) of BMPs for that project by requiring, funding, and implementing a maintenance plan as required in the Stormwater Control Ordinance.**

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 BMPs on private property that we do not own or operate, Aberdeen Township has adopted and enforces a provision in the ordinance that requires the private entity to perform the operation and maintenance, with penalties if the private entity does not comply. If, for example, the private entity does not perform the required maintenance, the Township can perform the maintenance and charge the private entity.**

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 Township will maintain inspection and maintenance logs at the Department of Public Works office for facilities owned or operated by the municipality. A log indicating actions taken to enforce compliance with long term cleaning, operation and maintenance for facilities not owned or operated by the Township will also provided at the Department of Public Works office.**

**Copies of the maintenance plans approved by the Township are maintained at the Planning Board office.**

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.

The Township of Aberdeen has reports for two (2) applicable stream TMDLs, and one (1) applicable shellfish TDML, as follows:

### Applicable Stream TMDLs

- 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 : Matawan Creek (above Ravine Drive)
- 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 : Matawan Creek (below Ravine Drive)

### Applicable Shellfish TMDL

- Five Total Maximum Daily Loads for Total Coliform to Address Shellfish-Impaired Waters in Watershed Management Area 12
  - Total coliform - 2006 : Navesink Estuary-A, Navesink Estuary-B, Shrewsbury Estuary-A

The reports can be viewed in further detail using the provided link (<https://www.nj.gov/dep/dwq/tmdl/1301.html>). The Township of Aberdeen does not have TMDL reports for applicable lakes provided in the TMDL Look-Up Tool.

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

The Township of Aberdeen will utilize the TMDL information as necessary to prioritize stormwater facilities maintenance projects, address specific sources of stormwater pollutants if found, and to educate the public on impaired waterbodies.

## 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.

### **Road Erosion Control Maintenance:**

The Township's Public Works Department monitors all their roads and streets for erosion problems during their various trips throughout the Township. All road erosion problems are reported directly to the Public Works Department Director. During quarterly SPPP Team meetings, identified areas of erosion will be discussed and repairs prioritized. All maintenance personnel will then be assigned to the areas of concern, and the areas identified to have road erosion problems will be repaired in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey. All maintenance personnel will maintain an inspection log, and the Public Works Department Director will maintain a list of repairs and the dates completed.

The road erosion control maintenance log is kept at the Department of Public Works office.

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

**A refuse container/dumpster ordinance was adopted on August 2, 2011 as indicated on Form 6.**