

**STORMWATER POLLUTION
PREVENTION PLAN**

NJDES# NJG0151416

**Prepared for the
Borough of Ocean Gate
Ocean County, New Jersey
OCTOBER 2020**



**REMINGTON
& VERNICK
ENGINEERS**

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(732) 286-9220

Alan Dittenhofer

Signature

11/13/2020


Date

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RVE Project No. 1522-T-056

SPPP Form 1 – SPPP Team Members

All records must be available upon request by NJDEP.

Stormwater Program Coordinator (SPC)	
Print/Type Name and Title	Alan Dittenhofer, P.E, P.P., C.M.E., Township Engineer
Office Phone # and email	732-286-9220 alan.dittenhofer@rve.com
Signature/Date	
Individual(s) Responsible for Major Development Project Stormwater Management Review	
Print/Type Name and Title	Jamison Zimmerman, CFM, Project Engineer
Other SPPP Team Members	
Print/Type Name and Title	Mayor Paul Kennedy

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:	http://oceangatenjgov.com/
2. Date of most current SPPP:	October 2020
3. Website URL where the Municipal Stormwater Management Plan (MSWMP) is posted online:	http://oceangatenjgov.com
4. Date of most current MSWMP:	October 2020
5. Physical location and/or website URL where associated municipal records of public notices, meeting dates, minutes, etc. are kept:	http://oceangatenjgov.com
6. Describe how the permittee complies with applicable state and local public notice requirements when providing for public participation in the development and implementation of a MS4 stormwater program:	
<p>For meetings where public notice is required under the Open Public Meetings Act “Sunshine Law” NJSA 10:4-6 et seq. Ocean Gate provides public notice in a manner that complies with the requirements of that Act. In addition, for municipal actions (example stormwater management plan) Ocean Gate complies with the public notice requirements in the Municipal Lan Use Law (NJSA 40:55D-1 et seq.).</p>	

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>"Major Development" means any development that provides for ultimately disturbing one or more acres of land or increasing impervious surface by one-quarter acre or more. 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. Projects undertaken by any government agency which otherwise meet the definition of "major development" but which do not require approval under the Municipal Land Use Law NJSA 40:55D-1 are also considered "Major Development".</p>
2. Does the municipality approach residential projects differently than it does for non-residential projects? If so, how?
<p>All residential projects and non-residential projects are required to comply with the NJDEP BMP Manual.</p> <p>All residential projects are required to comply with the provisions of NJAC 5:21 (RSIS) Subchapter 7, Stormwater Management.</p> <p>All residential and non-residential projects must comply with the provisions of NJAC 7:8 Stormwater management and the provisions of the Ocean Gate Stormwater Control Ordinances.</p>
3. What process is in place to ensure that municipal projects meet the Stormwater Control Ordinance?
<p>All projects within the Borough are required to make application to the Borough's Land Use Board. All applications are then reviewed for compliance with the Borough of Ocean Gate ordinances by the Borough's professional engineers and planners and then brought before the Land Use Board for approval.</p> <p>Once construction begins the project is inspected through the duration of construction by the Borough Engineer's Office.</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.

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	7/27/2005	http://oceangatenj.gov.com/		OGPD, OCHD, AC
2. Wildlife Feeding permit cite IV.B5.a.ii	7/27/2005	http://oceangatenj.gov.com/		OGPD, OCHD, AC
3. Litter Control permit cite IV.B5.a.iii	7/27/2005	http://oceangatenj.gov.com/		OGPD
4. Improper Disposal of Waste permit cite IV.B.5.a.iv	7/27/2005	http://oceangatenj.gov.com/		OGPD
5. Containerized Yard Waste/ Yard Waste Collection Program permit cite IV.B.5.a.v	7/27/2005	http://oceangatenj.gov.com/		OGPD, OCHD, CE
6. Private Storm Drain Inlet Retrofitting permit cite IV.B.5.a.vi	10/27/2012	http://oceangatenj.gov.com/		BE, CE
7. Stormwater Control Ordinance permit cite IV.B.4.g and IV.B.5.a.vii	1/24/2007	http://oceangatenj.gov.com/		CE
8. Illicit Connection Ordinance permit cite IV.B.5.a.vii and IV.B.6.d	7/27/2005	http://oceangatenj.gov.com/		OGPD, OCHD, CE
9. Optional: Refuse Container/ Dumpster Ordinance permit cite IV.E.2	10/27/2012	http://oceangatenj.gov.com/		BE, CE
Indicate the location of records associated with ordinances and related enforcement actions:				
Our code enforcement officers, and local police officers will enforce these ordinances. If someone is found to be in violation of an ordinance, they will be issued a warning for first time offenses, and penalties will be issued for subsequent offenses				

OCPD – Ocean Gate Police Department, OCHD – Ocean County Health Department, AC – Animal Control, CE – Code Enforcement, be – Borough Engineer.

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.
Inspections, cleaning and maintenance of catch basins and inlets are done quarterly by Ocean County and Ocean Gate Public Works.
2. List the locations of catch basins and storm drain inlets with recurring problems, i.e., flooding, accumulated debris, etc.
No recurring problems. This is resident complaint driven. When an inlet is flooded and filled with debris and sediment, Ocean County and/or Public Works will go out and clean the inlet. If necessary, Ocean County will blow out the lines. Ocean County will make the necessary repairs.
3. Describe what measures are taken to address issues for catch basins and storm drain inlets with recurring problems and how they are prioritized.
Checked monthly. They are addressed immediately when an issue occurs.
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.
Ocean County and/or Public Works will do the labeling. Public Works labels all storm drain inlets that are along the municipal streets/internal roadways and the County takes care of County Roads. Replacement of labels will occur as needed which is inspected annually.
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.
Ocean County, Public Works Department, and the Municipal Building.

SPPP Form 10 – Municipal Maintenance Yards and Other Ancillary Operations

All records must be available upon request by NJDEP.

<i>Complete separate forms for each municipal yard or ancillary operation location.</i>
<p>Address of municipal yard or ancillary operation: 901 Ocean Gate Avenue, Ocean Gate, NJ 08740</p>
<p>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:</p> <p>Raw materials – none Intermediate products – none Final products – none Waste materials – none By-products – none Machinery – front end loader, a backhoe, a trailer and 3 removable plows. Fuel – none Lubricants – none Solvents – none Detergents related to municipal maintenance yard or ancillary operations – none Other –</p>
<p>For each category below, describe the best management practices in place to ensure compliance with all requirements in permit Attachment E. If the activity in the category is not applicable for this location indicate where it occurs.</p> <p>Indicate the location of inspection logs and tracking forms associated with this municipal yard or ancillary operation, including documentation of conditions requiring attention and remedial actions that have been taken or have been planned.</p>
<p>1. Fueling Operations</p>
<p>N/A – No fueling</p>

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	
2. Stormwater Facility Maintenance	Every year	
3. SPPP Training & Recordkeeping	Every year	
4. Yard Waste Collection Program	Every 2 years	
5. Street Sweeping	Every 2 years	
6. Illicit Connection Elimination and Outfall Pipe Mapping	Every 2 years	
7. Outfall Pipe Stream Scouring Detection and Control	Every 2 years	
8. Waste Disposal Education	Every 2 years	
9. Municipal Ordinances	Every 2 years	ENGINEER
10. Construction Activity/Post-Construction Stormwater Management in New Development and Redevelopment	Every 2 years	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>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. Jamison Zimmerman – May 10th & May 11th 2017 / in Bordentown, NJ</p>		

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.

Ocean Gate does not own or operate any stormwater management facilities.

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.

Stormwater management facilities are required to submit Operation and Maintenance (O&M) Manual in compliance with the NJDEP BMP Manual. Stormwater facilities are deed restricted for maintenance with a Homeowners Association (HOA) or owner of property. HOA and/or property owners are required to submit inspection reports as indicated in the O&M Manual.

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.

Inspection and Maintenance Logs will be located in the Municipal 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 15 – Optional Measures

All records must be available upon request by NJDEP.

<p>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.</p> <ul style="list-style-type: none">a. Per NJDEP BMP Manual, Section 9.5, infiltration basins that do not have an outlet control structure shall maintain a 2 ft maximum runoff depth.b. Per NJDEP BMP Manual, Section 9.5, infiltration/exfiltration may not be included in routing calculations for quantity control. Permeability rates shall be turned off when sizing the basin for the 2-, 10- and 100-year storm events.c. Per NJDEP BMP Manual, Appendix E, a minimum of two soil profile pits shall be taken within the infiltration basin to determine the suitability of the soil types present at the location of the BMP.d. Per NJDEP BMP Manual, Appendix E, soil borings shall extend 8 ft below the bottom of the proposed infiltration basin.e. Per NJDEP BMP Manual, nonstructural strategies must be used to the maximum extent practicable to meet design and performance standards. The report needs to indicate the nonstructural strategies implemented within the project.f. Check Calculations for Tc. (150 ft maximum for sheet flow.)g. Check for Point of Analysis. (needs to be the same for existing and proposed)h. Check DelMarva Curve number (484 – more conservative / 284 – flat coastal areas only).i. Runoff volumes shall be computed separately from the pervious and impervious portions of the drainage area (separate hydrographs for each) and then combined (combine hydrographs) in the stormwater analysis. Revise Stormwater Management Report accordingly.
<p>2. Has the permittee adopted a Refuse Container/Dumpster Ordinance?</p>
<p>Yes. Adopted on 10/27/2012</p>