

ATTACHMENT E
STORMWATER POLLUTION PREVENTION PLAN CHECK LIST & PLAN



Village of Mamaroneck Planning Board Storm Water Pollution Prevention Plan (SWPPP) Checklist

Due to its location, the Village of Mamaroneck is faced with great challenges relative to the management of stormwater and the prevention of flooding and there is a pressing need for additional and innovative stormwater management. It has been determined by the New York State Department of Environmental Conservation that uncontrolled drainage and runoff associated with land development has a significant impact upon the health, safety and welfare of the community.

The purpose of this chapter is to establish minimum stormwater management requirements and controls to protect and safeguard the general health, safety, and welfare of the public residing within this jurisdiction and to address the findings of fact in Section 294-1 hereof.

All Storm Water Pollution Prevention Plans (SWPP) shall provide the following background information and erosion and sediment controls:

1. Background information about the scope of the project, including location, type and size of project; **COMPLY**
2. Site map construction drawing(s) for the project, including a general location map. At a minimum, the site map should show the total site area; all improvements; areas of disturbance; areas that will not be disturbed; existing vegetation; on-site and adjacent off-site surface water(s); wetlands and drainage patterns that could be affected by the construction activity; existing and final slopes; locations of off-site material, waste, borrow or equipment storage areas; and location(s) of the storm water discharges(s).
The Site map should be at a scale no smaller than 1" ~ 100'; **COMPLY**
3. Description of the soil(s) present at the site; **COMPLY**
4. Construction phasing plan describing the intended sequence of construction activities, including clearing and grubbing, excavation and grading, utility and infrastructure installation and any other activity at the site that results in soil disturbance. **COMPLY**
5. Description of the pollution prevention measures that will be used to control litter, construction chemicals and construction debris from becoming a pollutant source in storm water runoff; **COMPLY**
6. Description of construction and waste materials expected to be stored onsite with updates as appropriate, and a description of controls to reduce pollutants from these materials including storage practices to minimize exposure of the materials to storm water, and spill -prevention and response; **COMPLY**
7. Temporary and permanent structural and vegetative measures to be used for soil stabilization, runoff control and sediment control for each stage of the project from initial land clearing and grubbing to project close-out; **COMPLY**

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8. A site map construction drawing(s) specifying the location(s), size(s) and length(s) of each erosion and sediment control practice; **COMPLY**
9. Dimensions, material specifications and installation details for all erosion and sediment control practices, including the siting and sizing of any temporary sediment basins; **COMPLY**
10. Temporary practices that will be converted to permanent control measures; **COMPLY**
11. Implementation schedule for staging temporary erosion and sediment control practices, **COMPLY** including the timing of initial placement and duration that each practice should remain in place;
12. Maintenance schedule to ensure continuous and effective operation of the erosion and sediment control practice; **COMPLY**
13. Name(s) of the receiving water(s); **COMPLY**
14. Delineation of SWPPP implementation responsibilities for each part of the site; **COMPLY**
15. Description of structural practices designed to divert flows from exposed soils, store flows, or otherwise limit runoff and the discharge of pollutants from exposed areas of the site to the degree attainable; and **COMPLY**
16. Any existing data that describes the storm water runoff at the site. **COMPLY**

Postconstruction runoff controls for new development and redevelopment projects.

[Amended 9-22-2014 by L.L. No. 17-2014, effective 10-30-2014]

1. All construction activities for new development resulting in a land disturbance greater than 200 square feet and less than 2,000 square feet shall include stormwater quantity controls, as described in the New York State Stormwater Management Design Manual, to attenuate the postdevelopment twenty-five-year design storm, twenty-four-hour peak discharge rate (Qf) to predevelopment rates. **COMPLY - DOES NOT APPLY TO THIS PROJECT - SEE 2 BELOW**
2. All construction activities resulting in a land disturbance greater than 2,000 square feet and less than one acre shall include stormwater quality and quantity controls (postconstruction stormwater runoff controls), as set forth in § 294-9 and described in the Design Manual, to provide treatment of the water quality volume (WQv) through runoff reduction, and to attenuate the postdevelopment twenty-five-year design storm, twenty-four-hour peak discharge rate (Qf) to predevelopment rates. **COMPLY**
3. All construction activities for new development resulting in a land disturbance greater than one acre shall include stormwater quality and quantity controls (postconstruction stormwater runoff controls), as set forth in § 294-9 and described in the Design Manual, to provide treatment of the water quality volume (WQv) through runoff reduction, and to attenuate the

postdevelopment one-, ten- and one-hundred-year design storms, twenty-four-hour peak discharge rate (Qf) to predevelopment rates. **COMPLY - DOES NOT APPLY TO THIS PROJECT - SEE 2 ABOVE**

4. Additionally, stormwater runoff from land development and redevelopment activities discharging a pollutant of concern to either an impaired water identified on the Department's 303(d) list of impaired waters or a total maximum daily load (TMDL) designated watershed for which pollutants in stormwater have been identified as a source of the impairment shall comply with the requirements for postconstruction stormwater control as outlined in Subsection B(2)(c) above. **COMPLY - DOES NOT APPLY TO THIS PROJECT**
5. All construction activities that meet the "redevelopment project" criteria shall comply with items in Subsection B(2)(a) through (d) above, including "Chapter 9: Redevelopment Projects" of the Design Manual. The sizing criteria described in Chapter 9 cannot be used to address runoff from new development. If a construction project includes both new development and redevelopment, the stormwater management practices for the new development portion of the project must be designed in accordance with the sizing criteria in Chapter 4 of the Design Manual, and the redevelopment portion of the project is subject to the sizing criteria in Section 9.3.2 of the Design Manual. **COMPLY**

SWPPP requirements:

1. All information in § 294-7 of this chapter; **COMPLY**
2. Description of each postconstruction stormwater management practice (practices shall be as approved in Chapter 4 of the New York State DEC Stormwater Design Manual); **COMPLY**
3. Site map/construction drawing(s) showing the specific location(s) and size(s) of each postconstruction stormwater management practice; **COMPLY**
4. Hydrologic and hydraulic analysis for all structural components of the stormwater management system for the applicable design storms; **COMPLY**
5. Comparison of postdevelopment stormwater runoff conditions with predevelopment conditions; **COMPLY**
6. Dimensions, material specifications and installation details for each postconstruction stormwater management practice; **COMPLY**
7. Maintenance schedule to ensure continuous and effective operation of each postconstruction stormwater management practice; **COMPLY**
8. Maintenance easements, if applicable, to ensure access to all stormwater management practices at the site for the purpose of inspection and repair. Easements shall be recorded on the plan and shall remain in effect with transfer of title to the property;
9. Inspection and maintenance agreement binding on all subsequent landowners served by the on-site stormwater management practices in accordance with § 294-9 of this chapter; **COMPLY**

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10. The SWPPP shall be prepared by a New York State licensed professional engineer, certified professional in erosion and sediment control (CPESC), or licensed landscape architect and must be signed by the professional preparing the plan, who shall certify that the design of all stormwater management practices meets the requirements in this chapter.

[Amended 9-22-2014 by L.L. No. 17-2014, effective 10-30-2014] **COMPLY**

11. Construction activities which include the installation of underground, linear utilities, such as gas lines, fiber-optic cable, cable TV, electric, telephone, sewer mains, and water mains, require the preparation of a SWPPP that only includes erosion and sediment controls, as defined in Appendix B of the NYSDEC SPDES GP 0-10-001. The provisions of this section shall only apply to projects that do not result in the addition of impervious surfaces and/or do not alter hydrology.

[Added 9-22-2014 by L.L. No. 17-2014, effective 10-30-2014] **COMPLY - DOES NOT APPLY TO THIS PROJECT**

Other environmental permits

The applicant shall assure that all other applicable environmental permits have been or will be acquired for the land development activity prior to approval of the final stormwater design plan.

1. Contractor certification. COMPLY

- Each contractor and subcontractor who will be involved in soil disturbance and/or stormwater management practice installation shall sign and date a copy of the following certification statement before undertaking any land development activity: "I certify under penalty of law that I understand and agree to comply with the terms and conditions of the stormwater pollution prevention plan. I also understand that it is unlawful for any person to cause or contribute to a violation of water quality standards." The SMO shall provide a form for the contractor/subcontractor certification statement which shall be signed and returned to the SMO prior to any work taking place. [Amended 9-22-2014 by L.L. No. 17-2014, effective 10-30-2014] **COMPLY**
- The certification must include the name and title of the person providing the signature, address and telephone number of the contracting firm; the address (or other identifying description) of the site; and the date the certification is made. **COMPLY**
- The certification statement(s) shall become part of the SWPPP for the land development activity. **COMPLY**

SWPPP Display **COMPLY**

A copy of the SWPPP shall be retained at the site of the land development activity during construction from the date of initiation of construction activities to the date of final stabilization.

Waivers **COMPLY - will provide as required**

Upon written request from an applicant, and upon recommendation of the SMO specifically identifying the reasons therefor, the Village Manager may grant a waiver, in writing, from any requirements of this chapter. The Village Manager may utilize the services of a consulting engineer to review such requests. Waivers may only be granted where the application meets the following criteria, based upon information submitted by the applicant and reviewed by the SMO:

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1. Special circumstances applicable to the subject property, its intended use, or the scope of the project. Examples of special circumstances may include site constraints such as rock and/or groundwater, the potential for disturbing contaminated areas of the site, or the potential for exposing aged Village infrastructure where same can be unsafe and/or detrimental to the Village. **COMPLY - will provide as required**

2. A waiver may only be granted where the applicant has demonstrated to the satisfaction of the SMO and the Village Manager that the granting of such waiver shall not:

COMPLY - will provide as required

- Result in an increase in the rate or volume of surface water runoff;
- Result in an adverse impact on a wetland, watercourse or water body;
- Result in degradation of water quality; or
- Otherwise impair the attainment of the objectives of this chapter.

All land development or redevelopment activities shall be subject to the following performance and design criteria: **COMPLY**

1. Technical standards **COMPLY**

For the purpose of this chapter, the following documents shall serve as the official guides and specifications for stormwater management. Stormwater management practices that are designed and constructed in accordance with these technical documents shall be presumed to meet the standards imposed by this chapter:

a. The New York State Stormwater Management Design Manual dated August 2010, as amended or revised. **COMPLY**

b. New York Standards and Specifications for Erosion and Sediment Control dated August 2005, as amended or revised. **COMPLY**

2. Equivalence to technical standards. **COMPLY - DOES NOT APPLY TO THIS PROJECT**

Where stormwater management practices are not in accordance with technical standards, the applicant or developer must demonstrate equivalence to the technical standards set forth in Section 294-8, and the SWPPP shall be prepared by a licensed professional.

3. Water quality standards. **COMPLY**

Any land development activity shall not cause an increase in turbidity that will result in substantial visible contrast to natural conditions in surface waters of the State of New York.

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November 18, 2020