

Construction Site Stormwater Runoff Control & Post-Construction Stormwater Management

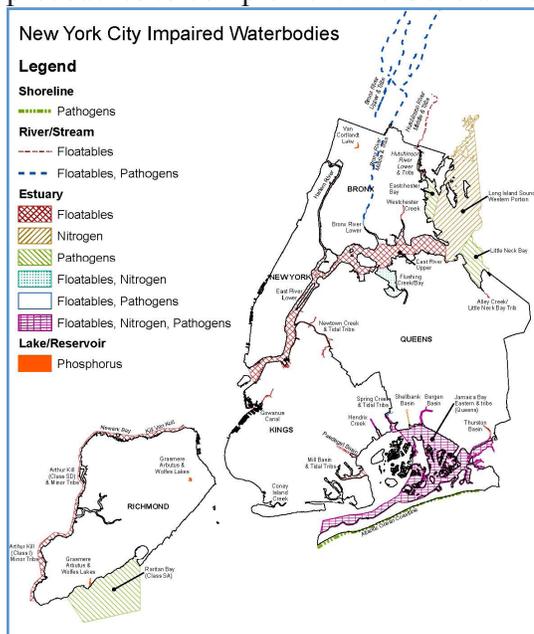
March 2016

Background

The New York State Department of Environmental Conservation (DEC) currently requires a Stormwater Pollution Prevention Plan (SWPPP) and appropriate stormwater controls for construction activities involving soil disturbances of one (1) or more acres. DEC administers this program through a State Pollution Discharge Elimination System (SPDES) general permit; affected projects are required to gain coverage under the [SPDES General Permit for Construction Activity \(General Permit\)](#). The requirements of the General Permit include Erosion and Sediment Controls (ESCs) and pollution prevention practices designed according to the [New York State Standards and Specifications for Erosion and Sediment Control](#). Depending on the type of activity, the General Permit may also require Post-Construction Stormwater Management Practices that meet the performance criteria in the [New York State Stormwater Management Design Manual](#).

NYC Stormwater Management Program (SWMP)

Under the 2015 [NYC Municipal Separate Storm Sewer System \(MS4\) Permit](#), the City is required to develop a Stormwater Management Program (SWMP) that includes elements to address Construction Site Stormwater Runoff Control and Post-Construction Stormwater Management for certain construction projects in the separately sewered portions of the City. The SWMP plan is currently under development and will be submitted to DEC for approval by August 1, 2018. Although DEC will still administer SPDES permit coverage, the City will implement procedures to complement the General Permit requirements, including:



SWPPP Review

- Review and accept SWPPPs before project developers are eligible for SPDES permit coverage

Inspection and Enforcement

- Maintain an inventory of active construction sites and post-construction stormwater management practices
- Develop inspection/enforcement program to ensure appropriate implementation and long-term operation and maintenance of controls

Training

- Require that individuals performing SWPPP reviews/inspections, construction management/site operation, and long-term operation and maintenance are adequately trained

Additionally, for land disturbances that discharge to waterbodies with pollutant impairments shown in the adjacent figure, the NYC SWPPP requirements will incorporate a procedure for pollutant load analysis.

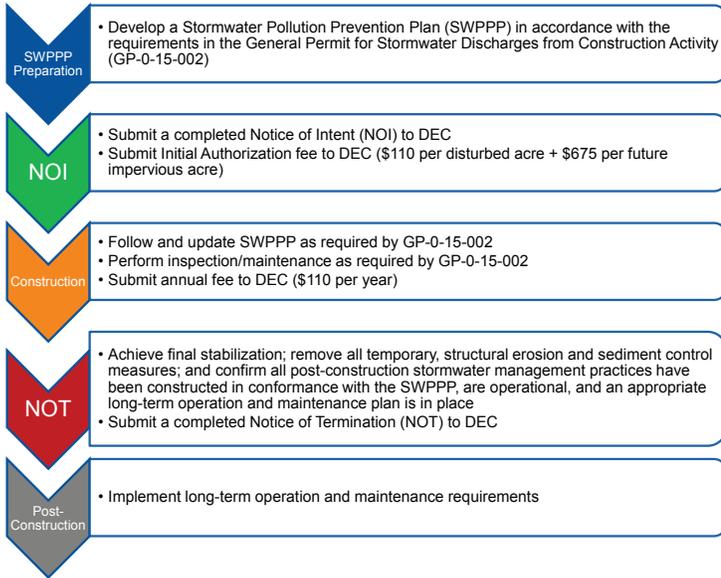
Lot Size Soil Disturbance Threshold Study

The NYC MS4 Permit also requires the City to perform a study to recommend an appropriate reduction in the soil disturbance thresholds for construction and post-construction stormwater management requirements. The study recommendations will be included in the August 1, 2018 SWMP plan. This study will apply to both new development and redevelopment sites, and consider factors including:

- water quality impacts
- local site conditions
- total lot area managed
- compliance costs
- type of zoning/development
- impervious surface coverage

Current DEC Construction Stormwater Permitting Process

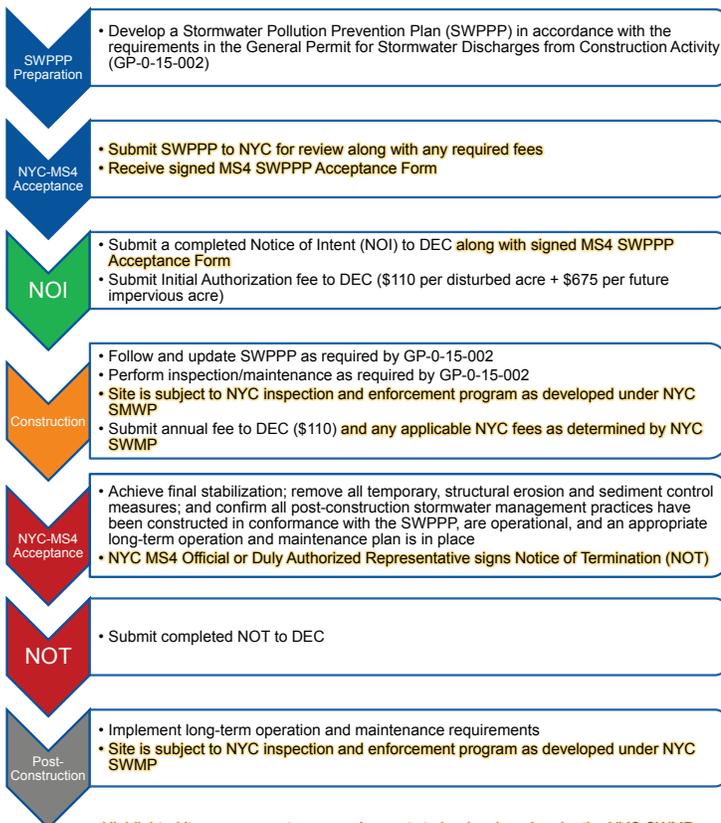
(sites ≥ 1 acre)



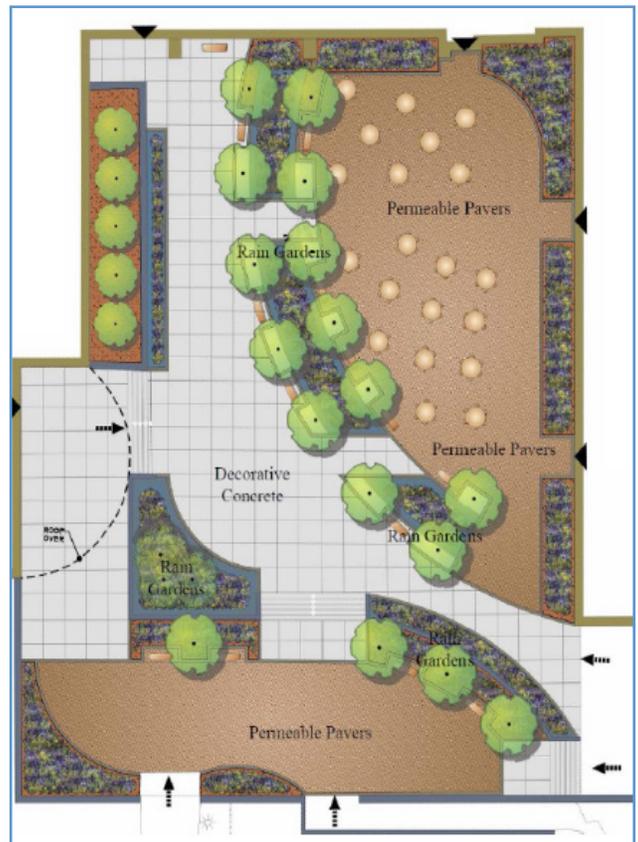
Example of Construction Site Stormwater Runoff Controls (U.S. EPA)

Future NYC/DEC Construction Stormwater Permitting Process

To Be Developed Under NYC SWMP (sites ≥ 1 acre)



Highlighted items represent new requirements to be developed under the NYC SWMP



Example of Post-Construction Stormwater Management Practices

For more information:

Scan the QR Code
 Visit <http://nyc.gov/dep/ms4>
 Email MS4@dep.nyc.gov

