

# Updates

SPDES General Permit for Stormwater Discharges from  
Construction Activity  
(GP-0-15-002)  
&  
Technical Standards

**October 19, 2016**

**Southeast NY Stormwater Conference**



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# Construction General Permit (GP-0-15-002)

- GP-0-15-002 effective January 29, 2015, 5 year permit
- GP changes limited to those required by new regulation/law and to provide clarification of existing requirements
- GP changes required corresponding updates to Design Manual



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# Construction General Permit (GP-0-15-002)

- Fact Sheet – Summarizes Changes
- Responsiveness Summary
- <http://www.dec.ny.gov/chemical/43133.html>



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# Significant Changes to CGP

- Inclusion of EPA's Narrative Effluent Limitation Guidelines (ELGs) for Construction and Development (2009)
- Inclusion of Sizing Criteria from NYS Stormwater Management Design Manual (Design Manual)
- Clarification of screening process to address NYS Historic Preservation Act, Section 14.09, Subpart A, Part 428.4 and demonstrate eligibility
- Heightened stabilization and inspection requirements for projects in TMDL watersheds, or discharging to 303d waters



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# EPA's Construction and Development ELGs

- Part I.B has been added to incorporate EPA's final ELGs.
- ELGs apply primarily to the selection, design, and implementation of the erosion and sediment controls ("ESC") to be used on the site.
- Control measures in the NYS Standards & Specifications for Erosion & Sediment Control have been determined to be technologically available and economically achievable and practicable.
- ESCs documented in the Stormwater Pollution Prevention Plan (SWPPP) must be installed and implemented to achieve the effluent limits contained in Part I.B.



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New York State  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Water

**New York State  
Standards and Specifications  
for Erosion and Sediment Control**

August 2005



New York State  
Department of Environmental Conservation

George E. Pataki, Governor

Adherence to the Blue Book standards in design, construction and maintenance of E&S practices is deemed to meet DEC's and EPA's ELG's.....



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# Addition of Sizing Criteria from Design Manual

- Part I.C. specifies the criteria for the selection, design, installation and maintenance of post construction stormwater management practices
  - Part I.C.1 specifies *performance criteria* = *Required Elements* from Design Manual. Deviation if design does not conform to *Required Elements*
  - Part I.C.2 specifies the *sizing criteria* (i.e. WQv, RRv, Cpv, Qp and Qf) and clarifies that deviations are not allowed
  - *Performance Criteria, Sizing Criteria and Equivalence* defined in Appendix A
  - Required corresponding changes to Design Manual



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# Practice Sizing Criteria – New Development:

## Runoff Reduction Volume (RRv)

- RRv - Reduce 100% WQv, unless *site limitations*
  - WQv calculated using Chapter 4 or 10
  - If *site limitations*, all new impervious area directed to RR technique or Standard SMP w/RRv Capacity unless *infeasible*. RRv achieved must be greater than Minimum RRv
  - Remaining WQv treated w/Standard SMP

## Water Quantity Control

- CPv – extended detention of 1yr for 12 or 24 hrs, unless 5<sup>th</sup> order discharge or infiltration
- Qp (10 yr) & Qf (100 yr) released at predevelopment rate, unless 5<sup>th</sup> order discharge or downstream analysis



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# Practice Sizing Criteria – Redevelopment Activity\*:

## WQv

1. Reduce impervious by 25% and restore to pervious or
2. Treat 25% WQv w/standard practices for existing disturbed impervious or
3. Treat 75% WQv w/ approved proprietary practices for existing disturbed impervious or
4. Weighted average of above

\* Redevelopment Project redefined as Redevelopment Activity – *disturbance and reconstruction of existing impervious area.*



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# Redevelopment Activity Sizing Criteria (cont.)

## RRv

- RRv techniques/sizing criteria not required for redevelopment activity

## Water Quantity Control

- Cpv – Not required unless increase in hydrology
- Qp (10 yr) – Not required unless increase in hydrology
- Qf (100yr) – Not required unless increase in hydrology



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# Combination Redevelopment Activity and New Development

- Practices must meet sizing criteria calculated as an aggregate of Redevelopment and New Development sizing criteria (see Part I.C.2.d.)
- Redevelopment – Chapter 9 Design Manual
- New Development – Chapters 4 or 10 Design Manual



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# Summary Question

- What are the five sizing criteria used to design post-construction stormwater management controls in the NYS Stormwater Management Design Manual?



# NYS Historic Preservation Act (SHPA)

- DEC must comply with SHPA (14.09) when issuing the Construction General Permit (CGP)
- CGP ties compliance with SHPA to permit eligibility. Part I.F.8 dictates when a construction activity is eligible for coverage and specifies documentation necessary to demonstrate eligibility
- NOI to be updated to document eligibility with SHPA
- SHPA screening /compliance required for majority of construction projects (see Attachment 2 of LOR for exclusions)



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# Exclusions Construction GP/SHPA Screening

- Single family house constructed on single lot
- Utility lines (i.e. water, sewer, electric, gas, etc.) located between existing edge of road and far edge of existing drainage ditch or utility lines with some exceptions
- Repair/replacement of utilities in same trench where excavation will not exceed width and depth of existing work
- Lighting and minor drainage where no other work is needed outside previously disturbed
- Ground disturbance within 10 ft of existing 1900 century or later structures

(See Attachment 2 in Letter of Resolution (LOR))



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# Screening Process/Eligibility Determination

- Screening tools (OPRHP/CRIS, DEC/Environmental Mapper)
- Project is eligible if screening determines that it:
  1. is not within *archeologically sensitive* area as indicated on sensitivity map, and
  2. is not on an *historic property*, and
  3. is not *immediately adjacent* to an *historic property*, and
  4. does not include construction of new permanent building on site within following distances of  
*Unevaluated Property: (1-5 acre disturbance = 20'; 5-20 acre = 50'; 20 acre + = 100', and*



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## Screening, Cont'd

5. does include construction of a new permanent building within distances in 4 of an *Unevaluated Property*; but OPRHP, a Historic Preservation Commission of Certified Local Gov't, or qualified preservation professional has determined it is not a historically significant building, structure or object.

Note: Supportive documentation (maps, determination letters, pictures, etc.) required in all cases.



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## Screening, Cont'd.

- If screening determines that project:
  1. is within *archeologically sensitive* area as indicated on sensitivity map, or
  2. is on an *historic property*, or
  3. is *immediately adjacent* to an *historic property*,there is a potential to affect historic properties. Written agreements must be in place with OPRHP or other governmental agency to resolve potential impacts. May require submittal of OPRHP consultation form.



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## Screening, Cont'd.

- If screening determines that project does include construction of a new permanent building within distances in 4 of an *Unevaluated Property*, and OPRHP, a Historic Preservation Commission of Certified Local Gov't, or qualified preservation professional has determined it is a historically significant building, structure or object; there is a potential to affect historic properties. Written agreements must be in place with OPRHP or other governmental agency to resolve potential impacts. May require submittal of consultation form



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# CGP/SHPA Definition of Key Terms

- *Immediately Adjacent* – shared property line, excluding projects across a public highway
- *Historic Property* – any building, structure, object or district that is listed or has been determined to be eligible for listing on State or National Registers of Historic Places
- *Unevaluated Property* – buildings, structures or objects that are greater than 50 years of age that have not been evaluated for eligibility for listing on State or National Registers of Historic Places (\*Note: can be on or adjacent to construction site)

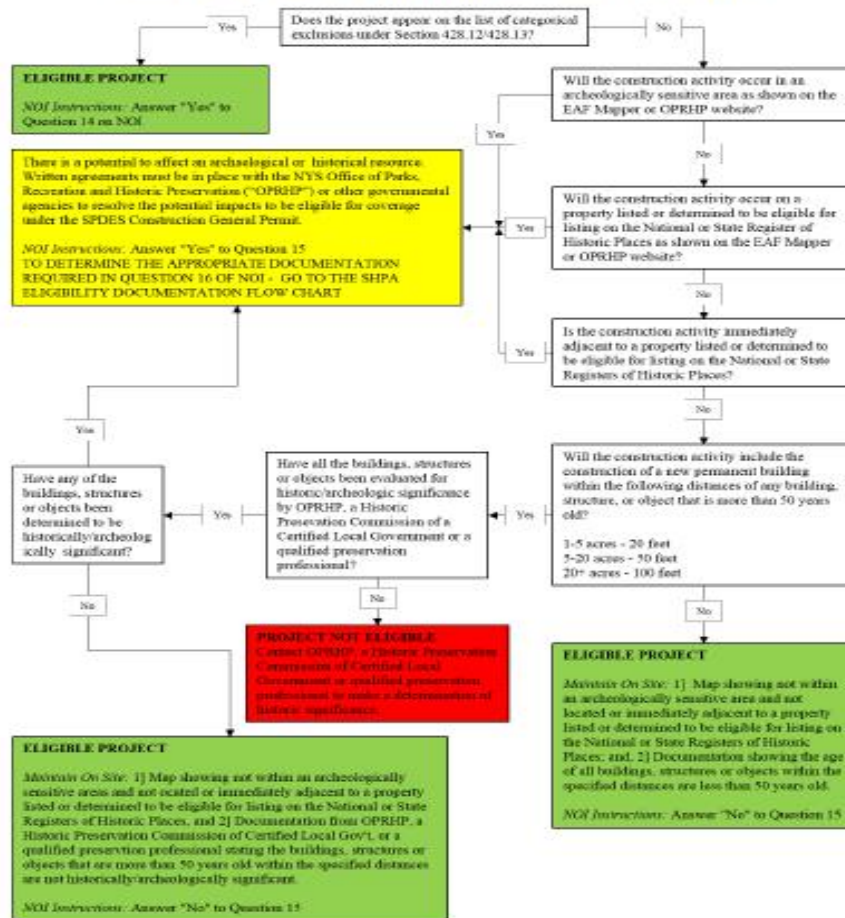


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# Cultural Resource Screening Process

**CULTURAL RESOURCE SCREENING PROCESS FLOW CHART**

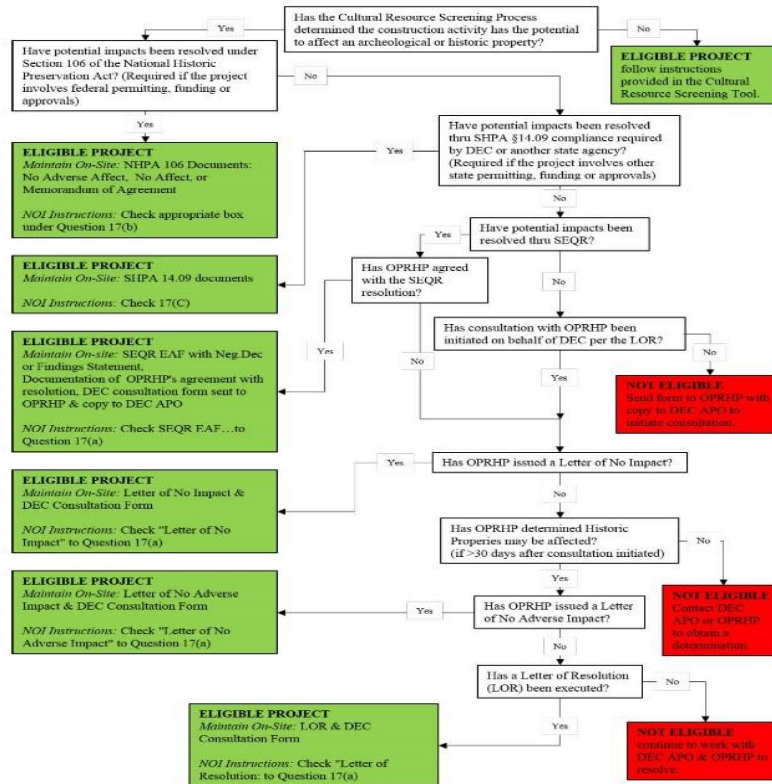


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# Resolution of Potential Impacts

RESOLUTION OF POTENTIAL CULTURAL IMPACTS FLOW CHART





# Cultural Resource Mapping Tool

The screenshot displays the Cultural Resource Information System (CRIS) web application. At the top, the New York State logo is on the left, and navigation links for "Services", "News", and "Government" are in the center. The main interface is divided into two panels. The left panel contains the "CRIS Cultural Resource Information System" logo, a "SIGN IN" button, a "PROCEED AS GUEST" button, and a "SIGN UP NOW" button. Below these buttons, a note states: "To have the full functionality and data of CRIS available, sign up for an NY gov ID." The right panel features a map of the Onondaga area, with several green-outlined polygons indicating mapped cultural resources. The map includes street names such as Onondaga Rd, Seneca Tpke, and various local roads. Overlaid on the map are two documents: a "New York State Historic Landmark Certificate of Designation" for the Onondaga Community College, dated February 25, 2011, and a map of the Onondaga site. The map interface includes a scale bar (0 to 0.4 miles) and the Esri logo in the bottom right corner.



New York State Office of Parks, Recreation and Historic  
Preservation  
Field Services Bureau  
Peebles Island State Park  
Waterford, NY 12188-0189

Copy to:  
New York State Department of Environmental Conservation  
Agency Historic Preservation Officer  
Division of Lands and Forests  
625 Broadway  
Albany, NY 12233-4255

Attachment 3  
**STORMWATER CONSTRUCTION GENERAL PERMIT  
REQUEST FOR STATE HISTORIC PRESERVATION ACT REVIEW**

This form is being submitted to OPRHP to request consultation on historic properties or archeological resources or both in accordance with the Letter of Resolution between NYS Department of Environmental Conservation and the NYS Office of Parks, Recreation and Historic Preservation regarding compliance with FRHPL § 14.09 for the State Pollution Discharge Elimination System General Permit For Stormwater Discharges From Construction Activity (GP-0-15-002) dated \_\_\_\_\_.

DATE: \_\_\_\_\_

PROJECT NAME: \_\_\_\_\_

PROJECT LOCATION \_\_\_\_\_

CITY/TOWN/VILLAGE \_\_\_\_\_

COUNTY \_\_\_\_\_

NAME OF OWNER / OPERATOR OF PROPOSED  
CONSTRUCTION ACTIVITY \_\_\_\_\_

TELEPHONE \_\_\_\_\_

E-MAIL \_\_\_\_\_

CONSULTATION WITH OPRHP CRIS WEB SITE AT <http://cris.parks.ny.gov> or the DEC EAF Mapper  
<http://www.dec.ny.gov/eafmapper> indicates the Project Site:

☐ Is within an archeologically sensitive area as indicated on the sensitivity map

☐ Is immediately adjacent to or contains an historic property

☐ OTHER \_\_\_\_\_

**PLEASE ADVISE ON:**

☐ Need for Survey / Scope of Survey Needed

☐ Adequacy of Survey To Date

☐ Significance of Identified Unevaluated Property<sup>1</sup>

☐ Significance of Identified Archeological Resources

☐ Impact on Significant Cultural Resources

☐ Project Alternatives (As Described) ☐ Need for Mitigation

☐ Other \_\_\_\_\_

**ENCLOSURES**

DESCRIPTIONS, MAPS, STUDIES, ETC. AS APPROPRIATE ARE ENCLOSED \_\_\_\_\_

AGREEMENT REACHED WITH OPRHP THROUGH THE STATE ENVIRONMENTAL QUALITY REVIEW ACT OR OTHER  
DOCUMENTATION THAT IMPACTS TO HISTORIC PROPERTIES OR ARCHEOLOGICAL RESOURCES OR BOTH  
HAVE BEEN ADDRESSED (attach) \_\_\_\_\_ OPRHP PROJECT NUMBER (Assigned by OPRHP): PRV \_\_\_\_\_

<sup>1</sup> Buildings, structures or objects that are greater than 50 years of age that have not been evaluated for eligibility for listing on the State or National Registers of Historic Places.

# OPRHP Consultation Form



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## Upcoming New NOI Questions

14. Is the construction activity designated by the Commissioner of the Office of Parks, Recreation and Historic Preservation (OPRHP), pursuant to 9 NYCRR §§428.12 or 428.13 as exempt from the State Historic Preservation Act (SHPA) review (see Attachment 2 of the Letter of Resolution between the NYSDEC and OPRHP, dated ???)

Yes No

If Yes, go to question 18.

If No, go to question 15.

15. Will the construction activity:

- a) occur within an *archeologically sensitive area* indicated on the sensitivity map, or
- b) have the potential to affect a property that is listed or determined to be eligible for listing on the National or State Registers of Historic Places, or
- c) include a new permanent building on the construction site within the following distances from a building, structure, or object that is more than 50 years old and OPRHP, a *Historic Preservation Commission of a Certified Local Government*, or a *qualified preservation professional* has determined is a historically/archeologically significant building, structure, or object:
  - 1-5 acres of disturbance - 20 feet
  - 5-20 acres of disturbance - 50 feet
  - 20+ acres of disturbance - 100 feet

Yes No

If Yes, go to question 17.

If No, go to question 16.

16. Is there documentation at the construction site demonstrating:

- a) that the construction activity is not within an *archeologically sensitive area* indicated on the sensitivity map, and that the construction activity is not *immediately adjacent* to a property listed or determined to be eligible for listing on the National or State Registers of Historic Places, and
- b) that there is no new permanent building to be built on the construction site within the following distances from a building, structure, or object that is more than 50 years old, or if there is such a new permanent building on the construction site within those parameters that OPRHP, a *Historic Preservation Commission of a Certified Local Government*, or a *qualified preservation professional* has determined that the building, structure, or object more than 50 years old is not historically/archeologically significant.

- 1-5 acres of disturbance - 20 feet
- 5-20 acres of disturbance - 50 feet
- 20+ acres of disturbance - 100 feet?

Yes No

If Yes, go to question 18.

If No, the construction activity is not eligible for coverage under the General Permit so NOI cannot be processed.

17. Have the impacts to historic properties been resolved. Yes No

If Yes, which of the following documentation is at the construction site:

- a. DEC consultation form sent to OPRHP, and copied to the NYS DEC Agency Historic Preservation Officer (APO), and
  - \_\_\_ the State Environmental Quality Review (SEQR) Environmental Assessment Form (EAF) with a negative declaration or the Findings Statement, with documentation of OPRHP's agreement with the resolution; or
  - \_\_\_ documentation from OPRHP that the construction activity will result in No Impact; or
  - \_\_\_ documentation from OPRHP providing a determination of No Adverse Impact; or
  - \_\_\_ a Letter of Resolution signed by the owner/operator, OPRHP and the DEC which allows for this construction activity to be eligible for coverage under the general permit under SHPA; or
- a. Documentation of satisfactory compliance with Section 106 of the National Historic Preservation Act for a coterminous project area:
  - \_\_\_ No Effect/No Historic Properties Affected
  - \_\_\_ No Adverse Effect
  - \_\_\_ Executed Memorandum of Agreement
- b. Documentation that
  - \_\_\_ SHPA Section 14.09 has been completed by NYS DEC or another state agency.

If No, the construction activity is not eligible for coverage under the General Permit and the NOI cannot be processed.



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# Summary Question

- What is the name of the screening tool that NYS OPRHP developed to assist project owners/designers in meeting the SHPA?



# Heightened Requirements – Projects in TMDL or Discharging to 303(d)

- Stabilization in 7 days versus 14 day (see Part I.B.1.b.)
- 2 inspections every 7 days by “Qualified Inspector” (see Part IV.C.2.e.)
- Consistent with EPA’s Construction General Permit



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# Minor Changes - CGP

- Electronic submittal of NOI (eNOI)
- Inclusion of Kinderhook Lake as a watershed where enhanced phosphorus removal standards are required.
- Inclusion of 2014 – 303(d) list of impaired waters
- Clarification that maintenance inspections be performed by a “Trained Contractor”
- Other minor revisions that either expand or provide clarification of permit requirements.



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# Permit Authorization

5 days for eNOI filing

10 days for paper NOI filing

60 days for technical deviations (in non MS4 areas)



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# Corresponding Changes to the Design Manual

- Clarifications to Chapters 3 and 4 on RRv Sizing Criteria to support inclusion in the CGP
- Clarifications to Chapter 9 on redevelopment to support inclusion of sizing criteria in CGP
- Clarifications to Chapter 10 on calculation of minimum RRv to support inclusion in the CGP
- Addition of pond safety provisions to satisfy ECL 17-0810, effective September 2011
- Updated isohyets maps to reflect most recent climatic data
- 2015 Design Manual  
(<http://www.dec.ny.gov/chemical/29072.html>)



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# Chapter 3 and 4 Updates - RRV Sizing Criteria

- Chapters 3 and 4 updated to clarify when projects may reduce less than 100% of the WQv
  - Projects that cannot reduce 100% of WQv due to *site limitations* shall direct runoff from all newly constructed impervious areas to a RR technique or standard SMP with RRV capacity unless *infeasible*
  - In no case shall RRV achieved from new impervious areas be less than Minimum RRV
  - *Site limitations* – defined as site conditions that prevent use of infiltration technique or infiltration of total WQv (includes seasonal high GW, shallow bedrock, infiltration rate < 0.5 “/hr)
  - *Infeasible* – not technologically possible, or not economically practicable and achievable in light of best industry practices



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# Updated RRv Credit – Standard SMPs with RRv Capacity

**Table 3.5 Runoff Reduction Capacity for Standard SMPs**

SMP	RRv Capacity (% of WQv provided by practice)
Infiltration Practices (by source control)	100%
Bioretention Practice	100% in HSG A and B (without underdrain)
	40% HSG C and D (with underdrain)
Dry Swale (Open Channel Practice)	40% in HSG A and B
	20% in HSG C and D



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# Chapter 9 Updates - Redevelopment

- Application criteria in Section 9.3.1 has been removed
- Clarifies that Chapter 9 requirements only apply to disturbance and reconstruction of existing impervious surfaces
- “Redevelopment project” replaced with “*redevelopment activity*” in Chapters 3 and 9.
- Expansion of impervious area must comply with new development requirements (Chapters 4 or 10)



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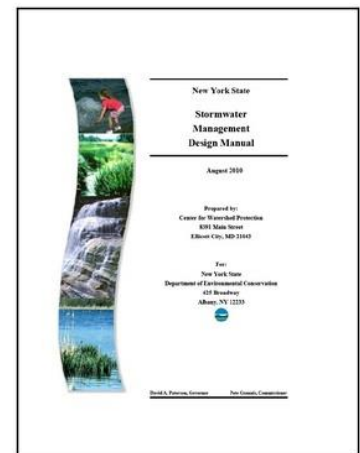


## Application Criteria - Alternate WQv sizing criteria may be applied if:

- An existing impervious area is disturbed and then reconstructed and
- There is inadequate space for controlling runoff and
- The physical constraints of the site do not allow standard treatment.



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# Chapter 10 Updates - Minimum RRv Calculation

- Designers shall use the Simple Method (see Chapter 4) with the 1 year storm event to calculate the minimum RRv  
( $RRv_{min} = P_{1yr} \times Rv \times A_i/12$ )



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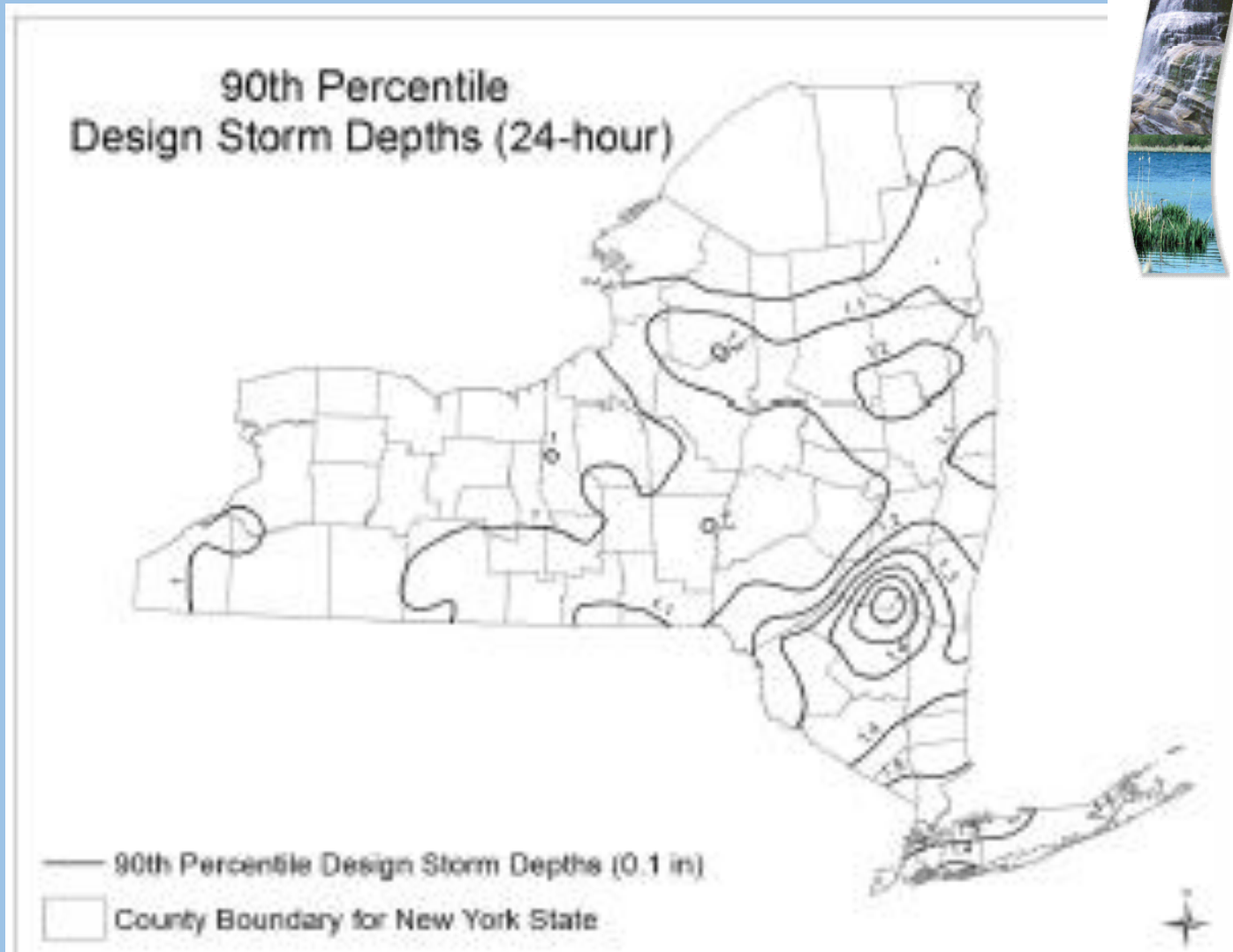


# Summary Question

- Which of the 5 sizing criteria from the Design Manual do not have to be met as part of project that just includes redevelopment activity?



# Updated Design Storm Maps



## New York State Stormwater Management Design Manual

August 2003

Prepared by  
Center for Watershed Protection  
6390 Main Street  
Ellicott City, MD 21043

For  
New York State  
Department of Environmental Conservation  
625 Broadway  
Albany, NY 12233



George E. Pataki, Governor    Erin M. Grady, Commissioner



# Design Storm Maps (cont'd.)

Figure 4.2 One-Year Design Storm (2013)



Figure 4.5: 2-Year Design Storm (2013)



Figure 4.3: 10-Year Design Storm (2013)

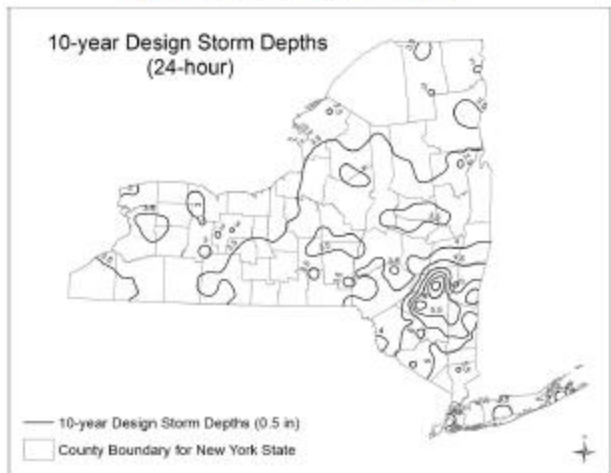


Figure 4.4: 100-Year Design Storm (2013)



## New York State Stormwater Management Design Manual

August 2003

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8390 Main Street  
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For  
New York State  
Department of Environmental Conservation  
625 Broadway  
Albany, NY 12243



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# Up to Date Storm Data

## Extreme Precipitation in New York & New England *An Interactive Web Tool for Extreme Precipitation Analysis*

About this Project

Data & Products

Daily Monitoring

Documentation

### Select Product ?

Extreme Precipitation  
Tables - HTML ?

Extreme Precipitation  
Tables - Text/CSV ?

Partial Duration Series -  
by Point ?

Partial Duration Series -  
by Station ?

Distribution Curves -  
Graphical ?

Distribution Curves -  
Text/TBL ?

Intensity Frequency  
Duration Graphs ?

Precipitation Frequency  
Duration Graphs ?

Select Location ? Double-click the map to place a marker, or enter address or latitude/longitude.



<http://precip.eas.cornell.edu/>



# Extreme Precipitation Tables

## Northeast Regional Climate Center

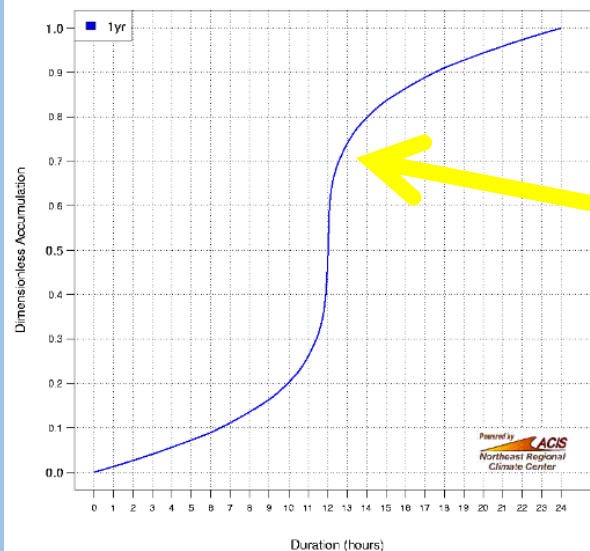
Data represents point estimates calculated from partial duration series. All precipitation amounts are displayed in inches.

Smoothing	Yes
State	New York
Location	near 727 E Washington St, Syracuse, NY 13210, USA
Longitude	76.142 degrees West
Latitude	43.049 degrees North
Elevation	405 feet
Date/Time	Tue, 15 Nov 2011 15:28:04 -0500

## Extreme Precipitation Estimates

	5min	10min	15min	30min	60min	120min		1hr	2hr	3hr	6hr	12hr	24hr	48hr		1day	2day	4day	7day	10day	
1yr	0.28	0.43	0.54	0.70	0.88	1.08	1yr	0.76	0.98	1.22	1.46	1.72	2.02	2.25	1yr	1.79	2.17	2.59	3.13	3.65	1yr
2yr	0.33	0.51	0.64	0.84	1.05	1.29	2yr	0.91	1.18	1.46	1.73	2.03	2.36	2.65	2yr	2.09	2.55	3.00	3.60	4.16	2yr
5yr	0.40	0.62	0.77	1.04	1.33	1.64	5yr	1.15	1.46	1.85	2.18	2.53	2.90	3.29	5yr	2.57	3.16	3.67	4.34	4.94	5yr
10yr	0.45	0.71	0.89	1.22	1.58	1.95	10yr	1.36	1.70	2.21	2.59	2.98	3.39	3.87	10yr	3.00	3.72	4.27	5.00	5.64	10yr
25yr	0.54	0.86	1.09	1.51	2.00	2.47	25yr	1.72	2.11	2.79	3.25	3.71	4.16	4.80	25yr	3.68	4.61	5.24	6.03	6.70	25yr
50yr	0.61	0.98	1.26	1.77	2.39	2.97	50yr	2.06	2.47	3.35	3.88	4.38	4.86	5.65	50yr	4.30	5.43	6.11	6.95	7.65	50yr
100yr	0.71	1.15	1.48	2.09	2.85	3.55	100yr	2.46	2.91	3.99	4.60	5.17	5.69	6.66	100yr	5.03	6.40	7.13	8.01	8.72	100yr
200yr	0.82	1.33	1.72	2.47	3.41	4.25	200yr	2.94	3.42	4.77	5.47	6.09	6.65	7.85	200yr	5.88	7.55	8.32	9.23	9.95	200yr
500yr	0.99	1.63	2.13	3.08	4.32	---	500yr	---	---	---	---	---	---	---	500yr	7.24	9.39	10.22	11.14	11.85	500yr

Precipitation Distribution  
(41.454N, -74.438W) - 1yr - Smoothed



Unique distribution  
for each storm at each  
location



# Storm Precipitation Data Update

- Recommend use of precip.net data versus static maps w/Type II or III distribution.
- Designers have option of performing analysis using both methods and use more conservative results



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# Pond Safety Provisions

- Required by ECL 17-0810
- Updated “Stormwater Pond” section in Chapter 6 as follows:
  - Warning signage moved to “Required Element” section
  - Slope not to exceed 2:1 (h:v) aquatic bench to basin floor
  - Added requirement on establishing vegetation prior to rendering pond in-service
  - Added requirements to inspect and maintain all safety elements on annual basis



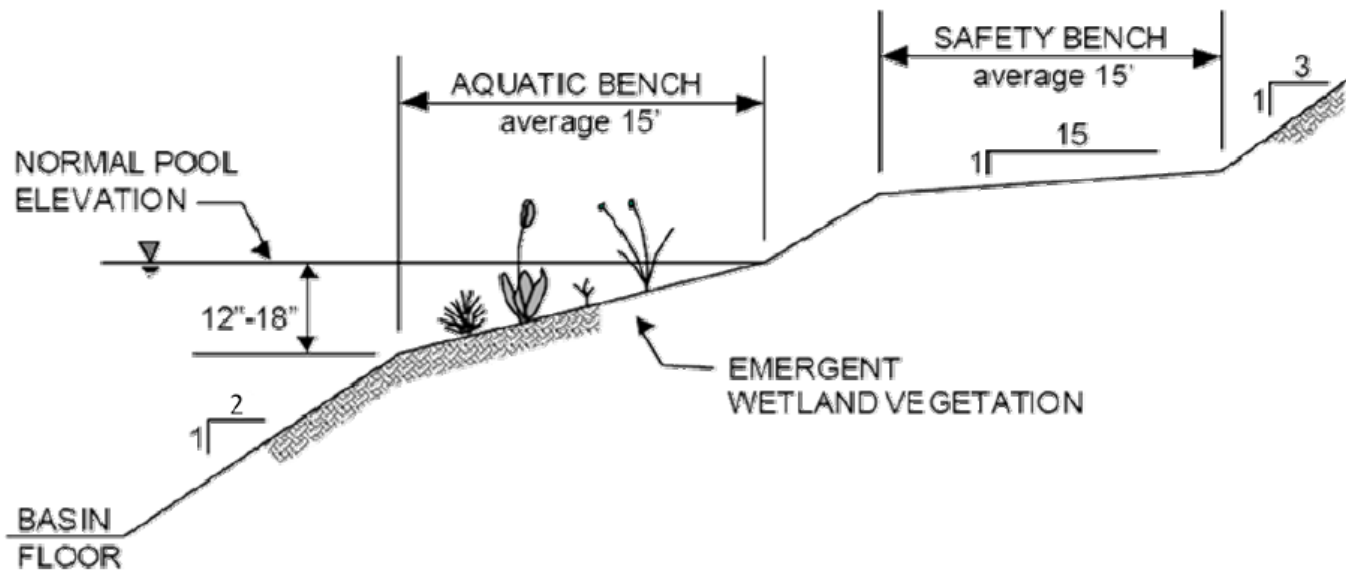
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# Pond Safety Cont'd.

pool water surface elevation. The slope proceeding from the aquatic bench to the pond basin floor *shall* not exceed 2:1 (h:v).

**Figure 6.6 Slope diagram for Pond Benches**



New York State  
Stormwater  
Management  
Design Manual

August 2003

Prepared by  
Center for Watershed Protection  
6300 Main Street  
Ellicott City, MD 21045

For  
New York State  
Department of Environmental Conservation  
625 Broadway  
Albany, NY 12233



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# Blue Book Update

- Reorganization of standard to reflect recommended planning/design considerations for developing an ESC Plan (i.e. erosion control which includes runoff control and soil stabilization practices, then sediment control).
- Addition of design considerations for the different types of construction projects
- Inclusion of standards and specifications to address EPA's ELGs (e.g. Concrete Truck Washout, Site Pollution Prevention, Soil Restoration, Buffer Filter Strip, and Dewatering Device)
- Addition of new standards/specifications to address changes in technology (i.e. Compost Filter Sock, Drop Inlet Protection, Dewatering Device, Geotextile Filter Bag, Sediment Dike, Anchored Stabilization Matting, Loose Stabilization Blankets, Flow Diffuser)



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# Blue Book Update, cont'd.

- Deletion of out dated or no longer used practices/standards
- Clarification of the design criteria for the majority of the standards based on current studies and field testing (i.e. Silt Fence, Sediment Basin, Sediment Trap, etc.)
- Deletion of all references on the use of invasive species for the establishment of vegetative cover
- Will require Construction GP modification to reference new Blue Book (July 2016 version)
- Available on Department's webpage



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# Other Information/Updates

- Final Transition Policy - 2015 Design Manual Updates (see <http://www.dec.ny.gov/chemical/43133.html>)
  - Applies to current permit term only
- Update 4-Hr Erosion and Sediment Control Course
- Maintenance chapter for Post-construction Stormwater Management Controls under development (Contract with CWP)
- Updated Runoff Reduction Worksheets



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# Design Manual Deviations

- Part III.B.2 of GP requires owner to prepare a SWPPP with practices designed in conformance with “*performance criteria*” in DM or demonstrate equivalence
- *Performance criteria* defined as design criteria listed under “Required Elements” in Chapters 5, 6 and 10 of DM



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# Summary Question

- The Blue Book was updated to address which EPA requirements?



# Stormwater Webpages

## Technical Standards, FAQ's

<http://www.dec.ny.gov/chemical/8694.html>

## General Permit, Forms

<http://www.dec.ny.gov/chemical/43133.html>



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# MS4 General Permit Updates

- Current permit expires April 30, 2017
- Draft renewal to be publicly noticed by November 1, 2016
- Opportunities for MS4s and other stakeholders to provide DEC with input.



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# EPA Remand Rule - Proposal

- NYSDEC must determine the adequacy of BMPS and other requirements and provide public notice and hearing on requirements.
- 3 Options
  - Traditional General Permit Approach
  - Procedural Approach
  - State Choice Approach



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# EPA Remand Rule

- 3 important Web pages for information and documents related to the rulemaking.
- 1. EPA website
  - <http://www.epa.gov/npdes/npdes-stormwater-proposed-ms4-general-permit-remand-rule>
    - Federal Register publication of the full rule document. Strikeout Version of the Rule Changes for Option 1.
    - Compendium of MS4 General Permit Examples
- 2. Federal Register site for the new proposed rule.
  - <https://www.federalregister.gov/articles/2016/01/06/2015-33174/national-pollutant-discharge-elimination-system-npdes-municipal-separate-storm-sewer-system-general>
    - [Public Inspection version \(single column double spaced text\)](#)
- 3. Docket page for rulemaking
  - [www.regulations.gov](http://www.regulations.gov).
    - Docket # EPA-HQ-OW-2015-0671



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# MS4 Permit Improvement Guide



U.S. ENVIRONMENTAL PROTECTION AGENCY

OFFICE OF WATER

OFFICE OF WASTEWATER MANAGEMENT

WATER PERMITS DIVISION

Permit provisions must be clear, specific, measurable and enforceable

- What needs to happen?
- Who needs to do it?
- How much they need to do
- When they need to get it done
- Where it is to be done



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# Questions

- Contact Information

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