

TOWN OF CARMEL INTEGRATED PLOT PLAN REQUIREMENTS

CONSTRUCTION OF SINGLE FAMILY RESIDENCES AND ADDITIONS

1. Applicant must Notify Town of Carmel Engineering Department at least 3 days prior to the commencement of any work on the site. Contact Number is 845-628-1500 ex. 183.
2. Provide a Storm Water Management Plan for all proposed impervious areas. All drywell-sizing computations shall be in accordance with the 2010, or most recent edition, of the New York State Stormwater Management Manual and the 2005, or most recent edition, of the New York State Department of Environmental Conservation Erosion and Sediment Control Guidelines. All computations shall be based on actual percolation rates obtained in the field as witness by a representative of the Town of Carmel.
3. Provide the size and type of piping, leading from impervious collection points to discharge points.
4. Plot plan must be signed and sealed by a New York State Professional Engineer.
5. Indicate the clearing and grading limit lines associated with all proposed disturbances and site improvements. Limits of disturbance shall be delineated in the fields with four-foot orange safety fencing. The plans must contain a legend indicating square footage of impervious surfaces and disturbed area.
6. Provide existing and proposed elevation contours at two-foot intervals. Include spot elevations where required.
7. Provide Erosion and Sedimentation controls (E&SC) and indicate their location on the plan. Provide details of the same. All E&SC must be in accordance with the 2005, or most recent edition, of the New York State Department of Environmental Conservation Erosion and Sediment Control Guidelines meet the most current New York State.
8. Indicate location of the existing or proposed sub-surface disposal area (SSDA), including laterals, septic tank and the associated expansion area.
9. Indicate the location of existing and proposed stonewalls.
10. Indicate the location of existing and proposed retaining walls over four feet in height with details.

11. Prior to issuance of a Certificate of Occupancy, the Engineer shall issue a "Certificate of Construction Compliance" indicating that all improvements shown on the approved Integrated Plot Plan (IPP) have been completed substantially in compliance with the same.
12. All proposed grading shall not exceed 2H to 1V.
13. Provide first floor and garage elevations.
14. Show all proposed and existing water and sewer lines.
15. Show all existing and proposed well locations.
16. Show all wetlands (State and Local).
17. Show all watercourses, drainage courses, swales, water bodies and culverts.
18. Show all existing and proposed easements.
19. Show all existing and proposed utilities.
20. Show all metes and bounds of property with existing monumentation.
21. Show all existing set back requirements.
22. Show proposed driveway with profile grading, sight distance and surface type. Specifications to be as follows: Edge of road shall be 0+00. From 0+00 to 0+15 slope shall not exceed 6%. From edge of garage slab, to 30 feet out, slope shall not exceed 7%. Profile in between the above shall not exceed 15%. Any driveway that exceeds 7% slope in any location must be paved in its entirety.
23. Show driveway cross section. Minimum specifications shall be 2" top course of asphaltic concrete and 6" of Item # 4 in the case of a paved driveway or 10" of Item #4 in the case of an unpaved driveway.
24. Show driveway anti tracking pad with detail, in accordance with the 2010, or most recent edition, of the New York State Stormwater Management Manual and the 2005, or most recent edition, of the New York State Department of Environmental Conservation Erosion and Sediment Control Guidelines
25. The attached SWPPP form must be completed.

POOL PERMITS

1. Indicate the clearing and grading limit lines associated with all proposed disturbances and site improvements.
2. Provide existing and proposed elevation contours at two-foot intervals. Include spot elevations where required.
3. Provide Erosion and Sedimentation controls (E&SC) and indicate their location on the plan. Provide details of the same. All E&SC must be in accordance with the 2005, or most recent edition, of the New York State Department of Environmental Conservation Erosion and Sediment Control Guidelines meet the most current New York State.
4. Indicate location of the existing or proposed sub-surface drainage area (SSDA), including laterals, septic tank and the associated expansion area.
5. Indicate the location of existing and proposed retaining walls over four feet in height with details.
6. Limits of disturbance shall be delineated in the field with four-foot orange safety fencing.
7. All proposed grading shall not exceed 2H to 1V.
8. Show all proposed and existing water and sewer lines.
9. Show all existing and proposed well locations.
10. Show all wetlands (State and Local).
11. Show all watercourses, drainage courses, swales, water bodies and culverts.
12. Show all existing and proposed easements.
13. Show all existing and proposed utilities.
14. Show all metes and bounds of property with existing monumentation.
15. Show all existing set back requirements.

DECKS

1. Indicate location of the existing or proposed sub-surface drainage area (SSDA), including laterals, septic tank and the associated expansion area.

2. Show all proposed and existing water and sewer lines.
3. Show all existing and proposed well locations.
4. Show all wetlands (State and Local).
5. Show all watercourses, drainage courses, swales, water bodies and culverts.
6. Show all existing and proposed easements.
7. Show all metes and bounds of property with existing monumentation.
8. Show all existing set back requirements.

SHED

1. Indicate location of the existing or proposed sub-surface drainage area (SSDA), including laterals, septic tank and the associated expansion area.
2. Show all proposed and existing water and sewer lines.
3. Show all existing and proposed well locations.
4. Show all wetlands (State and Local).
5. Show all watercourses, drainage courses, swales, water bodies and culverts.
6. Show all existing and proposed easements.
7. Show all metes and bounds of property with existing monumentation.
8. Show all existing set back requirements.

Richard J. Franzetti, P.E.
Town Engineer



(845) 628-1500
(845) 628-2087
Fax (845) 628-7085

Office of the Town Engineer
60 McAlpin Avenue
Mahopac, New York 10541

THIS FORM IS FOR USE ON SINGLE LOTS WITH DISTURBANCE LESS THAN ONE ACRE. THIS DOCUMENT, WHEN SUBMITTED AND APPROVED CONSTITUTES THE STORMWATER POLLUTION PREVENTION PLAN FOR THE LOT DEVELOPMENT

1. INTRODUCTION

1.1. Project background _____

1.2. Site Description (location and size) _____

2. EXISTING SITE CONDITIONS

2.1. Surface Water (Describe size and type if applicable) _____

2.2. Soils

2.2.1. Hydrologic Soils/NRCS Soils Survey _____

2.2.2. Site Geotechnical Evaluation (Soil Depth to Bedrock, Exposed Bedrock) _____

2.3. Groundwater (Depth from Surface) _____

2.4. Natural Resources (You can use <http://www.dec.ny.gov/imsmaps/ERM/Run.htm>) _____

2.5. New York State Register of Historic Places Assessment (You can use <http://nysparks.com/shpo/online-tools/>) _____

2.6. Critical Habitat (*Include Figure if applicable or document in appendix*) _____

2.7. Offsite Drainage (Identify where water from the site will discharge into downstream) _____

2.8. Pre-construction Drainage Areas (Normally identified on your IPP) _____

2.9. Potential sources of pollution which may be reasonably expected to affect the quality of stormwater discharges (Including but not limited to Domestic Waste, Fertilizer, automotive products and lubricants, washing products) _____

3. EROSION AND SEDIMENT CONTROL

- 3.1. Structural Practices(Identified on IPP.)
- 3.2. Temporary and permanent soil stabilization plan (meeting standards in the NYS E&SC Manual) including initial clearing and grubbing to project completion of final stabilization (Provide information on seeding and mulching including type of seed. Provide products to be utilized on steeper slopes ie. "jute mesh")
- 3.3. Construction Phasing Plan - Schedule identifying the time of initial placement of each E&SC practice and minimum time frames that each practice should remain in place _____

- 3.4. Other Controls
 - 3.4.1. Litter and Construction Debris Control (If Demolition indicate how you will handle debris, Dumpsters, Etc.) _____
 - 3.4.2. Spill Prevention and Containment (Will Fuel oil be on site? If so indicate how you will provide secondary containment) _____
- 3.5. Control of Non Stormwater discharges
(if applicable) _____
- 3.6. Erosion and Sediment Control Plan -This should be provided on your site plan.

4. INSPECTION AND MAINTENANCE OF STORMWATER CONTROLS

- 4.1. Inspection and Reporting Requirements- All erosion control measures are to be inspected weekly. In the case of a rain event, measures must be check immediately after.

Various certifications are required to be included as part of the SWPPP. These are:

1. SWPPP Modification Summary Sheet
2. SWPPP Preparer Certification
3. Contractor and Sub-Contractor Certification

NOTE:

1. Language for the certifications is provided on the following pages:

Modified from the New York State Standards and Specifications for Erosion and Sediment Control, August 2005, Page H.10

Modifications to the SWPPP (To be completed as described below)

1. Whenever the current provisions prove to be ineffective in minimizing pollutants in stormwater *discharges* from the site;
2. Whenever there is a change in design, construction, or operation at the construction site that has or could have an effect on the discharge of pollutants;
3. To address issues or deficiencies identified during an inspection by the *qualified inspector*, the Department or other regulatory authority; and
4. To identify any new contractor or subcontractor that will implement any measure of the SWPPP.

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

SWPPP Preparer Certification

- Also located in the NOI

"I hereby certify that the Stormwater Pollution Prevention Plan (SWPPP) for this project has been prepared in accordance with the terms and conditions of the GP-0-10-001. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of this permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings."

Name: _____

Company: _____

Telephone: _____

Signature: _____

Date: _____

Contractor and Sub-Contractor Certification

The following certification, applicable to either contractors or subcontractors, is in accordance with the requirements of the current New York State Department of Environmental Conservation SPDES General Permit for Stormwater Discharges from Construction Activity (Permit No. GP-0-10-001).

"I hereby certify that I understand and agree to comply with the terms and conditions of the SWPPP and agree to implement any corrective actions identified by the qualified inspector during a site inspection. I also understand that the owner or operator must comply with the terms and conditions of the most current version of the New York State Pollutant Discharge Elimination System ("SPDES") general permit for stormwater discharges from construction activities and that it is unlawful for any person to cause or contribute to a violation of water quality standards. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of the referenced permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings."

Signee

Name: _____

Title: _____

Signature: _____

Date: _____

**Areas/Contract under SWPPP Contractor
Responsible for**

Trained Individual/Contractor

Name: _____

Title: _____

Site Information

Name: _____

Address: _____

Firm Information

Name: _____

Address: _____

Telephone: _____

Telephone _____



New York State Department of Environmental Conservation
Division of Water
625 Broadway, 4th Floor
Albany, New York 12233-3505

MS4 Stormwater Pollution Prevention Plan (SWPPP) Acceptance Form
for

Construction Activities Seeking Authorization Under SPDES General Permit

*(NOTE: Attach Completed Form to Notice Of Intent and Submit to Address Above)

I. Project Owner/Operator Information

1. Owner/Operator Name:

2. Contact Person:

3. Street Address:

4. City/State/Zip:

II. Project Site Information

5. Project/Site Name:

6. Street Address:

7. City/State/Zip:

III. Stormwater Pollution Prevention Plan (SWPPP) Review and Acceptance Information

8. SWPPP Reviewed by:

9. Title/Position:

10. Date Final SWPPP Reviewed and Accepted:

IV. Regulated MS4 Information

11. Name of MS4:

12. MS4 SPDES Permit Identification Number: NYR20A _____

13. Contact Person:

14. Street Address:

15. City/State/Zip:

16. Telephone Number:

(NYS DEC - MS4 SWPPP Acceptance Form - January 2010)

MS4 SWPPP Acceptance Form - continued

V. Certification Statement - MS4 Official (principal executive officer or ranking elected official) or Duly Authorized Representative

I hereby certify that the final Stormwater Pollution Prevention Plan (SWPPP) for the construction project identified in question 5 has been reviewed and meets the substantive requirements in the SPDES General Permit For Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4s).

Note: The MS4, through the acceptance of the SWPPP, assumes no responsibility for the accuracy and adequacy of the design included in the SWPPP. In addition, review and acceptance of the SWPPP by the MS4 does not relieve the owner/operator or their SWPPP preparer of responsibility or liability for errors or omissions in the plan.

Printed Name:

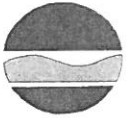
Title/Position:

Signature:

Date:

VI. Additional Information

NOTICE OF INTENT



New York State Department of Environmental Conservation

Division of Water

625 Broadway, 4th Floor

Albany, New York 12233-3505

NYR

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(for DEC use only)

Stormwater Discharges Associated with Construction Activity Under State Pollutant Discharge Elimination System (SPDES) General Permit # GP-0-10-001
All sections must be completed unless otherwise noted. Failure to complete all items may result in this form being returned to you, thereby delaying your coverage under this General Permit. Applicants must read and understand the conditions of the permit and prepare a Stormwater Pollution Prevention Plan prior to submitting this NOI. Applicants are responsible for identifying and obtaining other DEC permits that may be required.

- IMPORTANT -

RETURN THIS FORM TO THE ADDRESS ABOVE

OWNER/OPERATOR MUST SIGN FORM

Owner/Operator Information

Owner/Operator (Company Name/Private Owner Name/Municipality Name)

[illegible]

Owner/Operator Contact Person Last Name (NOT CONSULTANT)

Owner/Operator Contact Person First Name

Owner/Operator Mailing Address

[illegible]

City

State

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Zip

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Phone (Owner/Operator)

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Fax (Owner/Operator)

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Email (Owner/Operator)

FED TAX ID

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(not required for individuals)

Project Site Information

Project/Site Name

Street Address (NOT P.O. BOX)

[illegible]

Side of Street

☐ North ☐ South ☐ East ☐ West

City/Town/Village (THAT ISSUES BUILDING PERMIT)

[illegible]

State

Zip

County

DEC Region

N	Y
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[illegible]

7

Name of Nearest Cross Street

Distance to Nearest Cross Street (Feet)

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Project In Relation to Cross Street

☐ North ☐ South ☐ East ☐ West

Tax Map Numbers
Section-Block-Parcel

[illegible]

Tax Map Numbers

[illegible]

1. Provide the Geographic Coordinates for the project site in NYTM Units. To do this you **must** go to the NYSDEC Stormwater Interactive Map on the DEC website at:

www.dec.ny.gov/imsmaps/stormwater/viewer.htm

Zoom into your Project Location such that you can accurately click on the centroid of your site. Once you have located your project site, go to the tool boxes on the top and choose "i"(identify). Then click on the center of your site and a new window containing the X, Y coordinates in UTM will pop up. Transcribe these coordinates into the boxes below. For problems with the interactive map use the help function.

X Coordinates (Easting)

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Y Coordinates (Northing)

4						
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2. What is the nature of this construction project?

○ New Construction

○ Redevelopment with increase in impervious area

☐ Redevelopment with no increase in impervious area

3. Select the predominant land use for both pre and post development conditions.
SELECT ONLY ONE CHOICE FOR EACH

**Pre-Development
Existing Land Use**

- ☐ FOREST
☐ PASTURE/OPEN LAND
☐ CULTIVATED LAND
☐ SINGLE FAMILY HOME
☐ SINGLE FAMILY SUBDIVISION
☐ TOWN HOME RESIDENTIAL
☐ MULTIFAMILY RESIDENTIAL
☐ INSTITUTIONAL/SCHOOL
☐ INDUSTRIAL
☐ COMMERCIAL
☐ ROAD/HIGHWAY
☐ RECREATIONAL/SPORTS FIELD
☐ BIKE PATH/TRAIL
☐ LINEAR UTILITY
☐ PARKING LOT
☐ OTHER

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**Post-Development
Future Land Use**

- ☐ SINGLE FAMILY HOME
☐ SINGLE FAMILY SUBDIVISION
☐ TOWN HOME RESIDENTIAL
☐ MULTIFAMILY RESIDENTIAL
☐ INSTITUTIONAL/SCHOOL
☐ INDUSTRIAL
☐ COMMERCIAL
☐ MUNICIPAL
☐ ROAD/HIGHWAY
☐ RECREATIONAL/SPORTS FIELD
☐ BIKE PATH/TRAIL
☐ LINEAR UTILITY (water, sewer, gas, etc.)
☐ PARKING LOT
☐ CLEARING/GRADING ONLY
☐ DEMOLITION, NO REDEVELOPMENT
☐ WELL DRILLING ACTIVITY *(Oil, Gas, etc.)
☐ OTHER

Number of Lots

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***Note:** for gas well drilling, non-high volume hydraulic fractured wells only

4. In accordance with the larger common plan of development or sale, enter the total project site area; the total area to be disturbed; existing impervious area to be disturbed (for redevelopment activities); and the future impervious area constructed within the disturbed area. (Round to the nearest tenth of an acre.)

**Total Site
Area**

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**Total Area To
Be Disturbed**

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**Existing Impervious
Area To Be Disturbed**

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**Future Impervious
Area Within
Disturbed Area**

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5. Do you plan to disturb more than 5 acres of soil at any one time? ☐ Yes ☐ No

6. Indicate the percentage of each Hydrologic Soil Group(HSG) at the site.

A

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 %

B

--	--	--	--

 %

C

--	--	--	--

 %

D

--	--	--	--

 %

7. Is this a phased project? ☐ Yes ☐ No

8. Enter the planned start and end dates of the disturbance activities.

Start Date **End Date**

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9. Identify the nearest surface waterbody(ies) to which construction site runoff will discharge.

Name

[illegible]

9a. Type of waterbody identified in Question 9?

- ☐ Wetland / State Jurisdiction On Site (Answer 9b)
☐ Wetland / State Jurisdiction Off Site
☐ Wetland / Federal Jurisdiction On Site (Answer 9b)
☐ Wetland / Federal Jurisdiction Off Site
☐ Stream / Creek On Site
☐ Stream / Creek Off Site
☐ River On Site
☐ River Off Site
☐ Lake On Site
☐ Lake Off Site
☐ Other Type On Site
☐ Other Type Off Site

[illegible]

9b. How was the wetland identified?

- ☐ Regulatory Map
- ☐ Delineated by Consultant
- ☐ Delineated by Army Corps of Engineers
- ☐ Other (identify)

[illegible]

10. Has the surface waterbody(ies) in question 9 been identified as a 303(d) segment in Appendix E of GP-0-10-001?

☐ Yes ☐ No

11. Is this project located in one of the Watersheds identified in Appendix C of GP-0-10-001?

☐ Yes ☐ No

12. Is the project located in one of the watershed areas associated with AA and AA-S classified waters?

☐ Yes ☐ No

If no, skip question 13.

13. Does this construction activity disturb land with no existing impervious cover and where the Soil Slope Phase is identified as an E or F on the USDA Soil Survey?

☐ Yes ☐ No

If Yes, what is the acreage to be disturbed?

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14. Will the project disturb soils within a State regulated wetland or the protected 100 foot adjacent area?

☐ Yes ☐ No

[illegible]

18. Will future use of this site be an agricultural property as defined by the NYS Agriculture and Markets Law? ☐ Yes ☐ No

20. Is this a remediation project being done under a Department approved work plan? (i.e. CERCLA, RCRA, Voluntary Cleanup Agreement, etc.) ☐ Yes ☐ No

21. Has the required Erosion and Sediment Control component of the SWPPP been developed in conformance with the current NYS Standards and Specifications for Erosion and Sediment Control (aka Blue Book)? ☐ Yes ☐ No

22. Does this construction activity require the development of a SWPPP that includes the post-construction stormwater management practice component (i.e. Runoff Reduction, Water Quality and Quantity Control practices/techniques)? ☐ Yes ☐ No

If No, skip questions 23 and 27-39.

23. Has the post-construction stormwater management practice component of the SWPPP been developed in conformance with the current NYS Stormwater Management Design Manual? ☐ Yes ☐ No

24. The Stormwater Pollution Prevention Plan (SWPPP) was prepared by:

- ☐ Professional Engineer (P.E.)
- ☐ Soil and Water Conservation District (SWCD)
- ☐ Registered Landscape Architect (R.L.A)
- ☐ Certified Professional in Erosion and Sediment Control (CPESC)
- ☐ Owner/Operator
- ☐ Other

[illegible]

SWPPP Preparer

[illegible]

Contact Name (Last, Space, First)

[illegible]

Mailing Address

City

State Zip

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Phone

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Fax

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Email

[illegible]

SWPPP Preparer Certification

I hereby certify that the Stormwater Pollution Prevention Plan (SWPPP) for this project has been prepared in accordance with the terms and conditions of the GP-0-10-001. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of this permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings.

First Name

[illegible]

MI

7

Last Name

[illegible]

Signature

Date _____

		/			/				
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Vegetative Measures

Post-construction Stormwater Management Practice (SMP) Requirements

Important: Completion of Questions 27-39 is not required
if response to Question 22 is No.

27. Identify all site planning practices that were used to prepare the final site plan/layout for the project.

- ☐ Preservation of Undisturbed Areas
- ☐ Preservation of Buffers
- ☐ Reduction of Clearing and Grading
- ☐ Locating Development in Less Sensitive Areas
- ☐ Roadway Reduction
- ☐ Sidewalk Reduction
- ☐ Driveway Reduction
- ☐ Cul-de-sac Reduction
- ☐ Building Footprint Reduction
- ☐ Parking Reduction

27a. Indicate which of the following soil restoration criteria was used to address the requirements in Section 5.1.6 ("Soil Restoration") of the Design Manual (2010 version).

- ☐ All disturbed areas will be restored in accordance with the Soil Restoration requirements in Table 5.3 of the Design Manual (see page 5-22).
- ☐ Compacted areas were considered as impervious cover when calculating the **WQv Required**, and the compacted areas were assigned a post-construction Hydrologic Soil Group (HSG) designation that is one level less permeable than existing conditions for the hydrology analysis.

28. Provide the total Water Quality Volume (WQv) required for this project (based on final site plan/layout).

Total WQv Required

. acre-feet

29. Identify the RR techniques (Area Reduction), RR techniques (Volume Reduction) and Standard SMPs with RR Capacity in Table 1 (See Page 9) that were used to reduce the Total WQv Required (#28).

Also, provide in Table 1 the total impervious area that contributes runoff to each technique/practice selected. For the Area Reduction Techniques, provide the total contributing area (includes pervious area) and, if applicable, the total impervious area that contributes runoff to the technique/practice.

Note: Redevelopment projects shall use Tables 1 and 2 to identify the SMPs used to treat and/or reduce the WQv required. If runoff reduction techniques will not be used to reduce the required WQv, skip to question 33a after identifying the SMPs.

Table 1 - Runoff Reduction (RR) Techniques
and Standard Stormwater Management
Practices (SMPs)

RR Techniques (Area Reduction)	Total Contributing Area (acres)	Total Contributing Impervious Area (acres)
<input type="radio"/> Conservation of Natural Areas (RR-1) ...	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	and/or <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Sheetflow to Riparian Buffers/Filters Strips (RR-2)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	and/or <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Tree Planting/Tree Pit (RR-3)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	and/or <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Disconnection of Rooftop Runoff (RR-4) ..	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	and/or <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<u>RR Techniques (Volume Reduction)</u>		
<input type="radio"/> Vegetated Swale (RR-5)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Rain Garden (RR-6)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Stormwater Planter (RR-7)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Rain Barrel/Cistern (RR-8)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Porous Pavement (RR-9)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Green Roof (RR-10)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<u>Standard SMPs with RRv Capacity</u>		
<input type="radio"/> Infiltration Trench (I-1)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Infiltration Basin (I-2)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Dry Well (I-3)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Underground Infiltration System (I-4)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Bioretention (F-5)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Dry Swale (O-1)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<u>Standard SMPs</u>		
<input type="radio"/> Micropool Extended Detention (P-1)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Wet Pond (P-2)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Wet Extended Detention (P-3)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Multiple Pond System (P-4)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Pocket Pond (P-5)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Surface Sand Filter (F-1)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Underground Sand Filter (F-2)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Perimeter Sand Filter (F-3)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Organic Filter (F-4)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Shallow Wetland (W-1)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Extended Detention Wetland (W-2)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Pond/Wetland System (W-3)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Pocket Wetland (W-4)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Wet Swale (O-2)	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/>

Table 2 - Alternative SMPs
(DO NOT INCLUDE PRACTICES BEING
USED FOR PRETREATMENT ONLY)

Alternative SMP

Total Contributing
Impervious Area(acres)

- [illegible]

Provide the name and manufacturer of the Alternative SMPs (i.e. proprietary practice(s)) being used for WQv treatment.

[illegible][illegible]

Note: Redevelopment projects which do not use RR techniques, shall use questions 28, 29, 33 and 33a to provide SMPs used, total WQv required and total WQv provided for the project.

30. Indicate the Total RRv provided by the RR techniques (Area/Volume Reduction) and Standard SMPs with RRv capacity identified in question 29.

Total RRv provided

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 acre-feet

31. Is the Total RRV provided (#30) greater than or equal to the total WQV required (#28).

☐ Yes ☐ No

If Yes, go to question 36.

If No, go to question 32.

32. Provide the Minimum RRv required based on HSG.
[Minimum RRv Required = (P)(0.95)(Ai)/12, Ai=(S)(Aic)]

Minimum RRv Required

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 acre-feet

- 32a. Is the Total RRV provided (#30) greater than or equal to the Minimum RRV Required (#32)?

☐ Yes ☐ No

If Yes, go to question 33.

Note: Use the space provided in question #39 to summarize the specific site limitations and justification for not reducing 100% of WQV required (#28). A detailed evaluation of the specific site limitations and justification for not reducing 100% of the WQV required (#28) must also be included in the SWPPP.

If No, sizing criteria has not been met, so NOI can not be processed. SWPPP preparer must modify design to meet sizing criteria.

33. Identify the Standard SMPs in Table 1 and, if applicable, the Alternative SMPs in Table 2 that were used to treat the remaining total WQv(=Total WQv Required in 28 - Total RRv Provided in 30).

Also, provide in Table 1 and 2 the total impervious area that contributes runoff to each practice selected.

Note: Use Tables 1 and 2 to identify the SMPs used on Redevelopment projects.

- 33a. Indicate the Total WQv provided (i.e. WQv treated) by the SMPs identified in question #33 and Standard SMPs with RRv Capacity identified in question 29.

WQv Provided

. acre-feet

Note: For the standard SMPs with RRv capacity, the WQv provided by each practice = the WQv calculated using the contributing drainage area to the practice - RRv provided by the practice. (See Table 3.5 in Design Manual)

34. Provide the sum of the Total RRv provided (#30) and the WQv provided (#33a).

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35. Is the sum of the RRv provided (#30) and the WQv provided (#33a) greater than or equal to the total WQv required (#28)? ☐ Yes ☐ No

If Yes, go to question 36.

If No, sizing criteria has not been met, so NOI can not be processed. SWPPP preparer must modify design to meet sizing criteria.

36. Provide the total Channel Protection Storage Volume (CPv) required and provided or select waiver (36a), if applicable.

CPv Required

. acre-feet

CPv Provided

. acre-feet

- 36a. The need to provide channel protection has been waived because:

- ☐ Site discharges directly to tidal waters or a fifth order or larger stream.
☐ Reduction of the total CPv is achieved on site through runoff reduction techniques or infiltration systems.

37. Provide the Overbank Flood (Qp) and Extreme Flood (Qf) control criteria or select waiver (37a), if applicable.

Total Overbank Flood Control Criteria (Qp)

Pre-Development

. CFS

Post-development

. CFS

Total Extreme Flood Control Criteria (Qf)

Pre-Development

. CFS

Post-development

. CFS

37a. The need to meet the Qp and Qf criteria has been waived because:

- Site discharges directly to tidal waters or a fifth order or larger stream.
- Downstream analysis reveals that the Qp and Qf controls are not required

38. Has a long term Operation and Maintenance Plan for the post-construction stormwater management practice(s) been developed?

☐ Yes ☐ No

If Yes, Identify the entity responsible for the long term
Operation and Maintenance

[illegible]

39. Use this space to summarize the specific site limitations and justification for not reducing 100% of WQv required(#28). (See question 32a)
This space can also be used for other pertinent project information.

41. Does this project require a US Army Corps of Engineers Wetland Permit? [] [] [] [] [] []

☐ Yes ☐ No

If Yes, Indicate Size of Impact.				
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42. Is this project subject to the requirements of a regulated, traditional land use control MS4?
(If No, skip question 43)

☐ Yes ☐ No

43. Has the "MS4 SWPPP Acceptance" form been signed by the principal executive officer or ranking elected official and submitted along with this NOI?

☐ Yes ☐ No

44. If this NOI is being submitted for the purpose of continuing or transferring coverage under a general permit for stormwater runoff from construction activities, please indicate the former SPDES number assigned.

N	Y	P				
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N	Y	R						
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Owner/Operator Certification

I have read or been advised of the permit conditions and believe that I understand them. I also understand that, under the terms of the permit, there may be reporting requirements. I hereby certify that this document and the corresponding documents were prepared under my direction or supervision. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I further understand that coverage under the general permit will be identified in the acknowledgment that I will receive as a result of submitting this NOI and can be as long as sixty (60) business days as provided for in the general permit. I also understand that, by submitting this NOI, I am acknowledging that the SWPPP has been developed and will be implemented as the first element of construction, and agreeing to comply with all the terms and conditions of the general permit for which this NOI is being submitted.

Print First Name

[illegible]

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Print Last Name

[illegible]

Owner/Operator Signature

Date _____

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