



**SPDES General Permit for Stormwater Discharges from
Small Municipal Separate Storm Sewers (MS4s), Permit No. GP- 02-02
Municipal Compliance Certification (Submitted with the SWMPAR)**

Section A. Small MS4 Owner/Operator Information		Annual Report for the year ending: March 9, <u>2005</u>	
SPDES No.: NYR20A392		MS4 Name: Rensselaer County	
Contact Name: Frederick Howard, P.E.		Contact Title: County Engineer	Phone No.: (518) 283-0973
Mailing Address:	Street or P.O. Box: 1600 Seventh Avenue	City: Troy	
	County: Rensselaer County	State: New York	Zip Code: 12180
Is any of this information new or changed since your last certification? (Please circle one answer) Yes No			

Section B. Watershed and MS4 Partnership Information (Please circle one answer for each question)

1. a) Have you received notification from the Department that you are subject to the special conditions in Part III.B. of the permit ? **Yes** **No**

 b) If you answered yes to 1a), have all necessary changes been made to the Stormwater Management Program (SWMP) to ensure compliance with Part III.B. of the permit? **Yes** **No** **N/A**

2. a) Have any new MS4 partnerships developed, where another municipality will be responsible for carrying out a portion of your municipality's SWMP? If yes, please specify the municipality and the activity. **Yes** **No**

 b) Municipality: _____

 c) Activity: _____

 d) Has a legally binding intermunicipal agreement been executed? If yes, please include a copy of the agreement as an appendix to the Stormwater Management Program Annual Report (SWMPAR). **Yes** **No** **N/A**

Section C. Evaluation of Compliance

1. For each of the six minimum measures listed below, indicate if your program has made steady progress toward full implementation *and* has achieved all measurable goals scheduled to be completed during this reporting period. (Please circle one answer for each question)

	<u>Steady Progress</u>		<u>Goals Achieved</u>	
a) Public education	Yes	No	Yes	No
b) Public participation/involvement	Yes	No	Yes	No
c) Illicit discharge detection and elimination	Yes	No	Yes	No
d) Construction site stormwater runoff control	Yes	No	Yes	No
e) Post-construction stormwater management	Yes	No	Yes	No
f) Pollution prevention/good housekeeping for municipal operation	Yes	No	Yes	No

2. Does your SWMP cover all areas, automatically and additionally designated, pursuant to 40 CFR 122.32(a), under your jurisdiction? **Yes** **No**

3. Have adequate resources been allocated to fully implement your SWMP no later than January 8, 2008? **Yes** **No**



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SPDES No.: NYR20A392	MS4 Name: Rensselaer County
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Section D. Explanation of Compliance Evaluation

If you answered No to question 1b in Section B or to any question in Section C, indicate the question number in the small box in the upper left hand corner, and provide a brief explanation, including action being taken to address the problem, in the space provided. With respect to any of the six minimum measures, your attached Stormwater Management Program Annual Report (SWMPAR) must include a detailed explanation of why implementation or compliance is not being achieved and what actions have been taken to ensure compliance with each minimum measure. Indicate where this explanation can be found in the SWMPAR. If necessary, attach extra sheets following the same format.

Question # 1C	Explanation
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Rensselaer County has not undertaken the outfall mapping as originally planned, as the funding for the mapping of outfalls in the MS4 communities in Rensselaer County has not been released. Outfall mapping has been planned, but funding is required to hire interns to perform the actual work.

Question #	Explanation
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Question #	Explanation
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Section E. Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print Name: Kathleen M. Jimino Title: County Executive

Signature: _____ Date: _____

The MCC form must be signed by either a principal executive officer or ranking elected official, or duly authorized representative of that person as described in Part VI.I.2. of the permit. Send two completed **hard copies** (an original and a photocopy) of this form, the following SWMPAR Minimum Measures and the other reporting requirements to the DEC Central Office (MS4 Permit Coordinator, 625 Broadway, Division of Water - 4th Floor, Albany, NY 12233-3505).

**Stormwater Management Program Annual Report
Six Minimum Measures Section**

March 10, 2004 – March 9, 2005

Municipality Name **Rensselaer County** SPDES Number **NYR20A392**

Use this table to summarize your Stormwater Management Program (SWMP) Minimum Measures for Sections I through VI of the SWMPAR. We request that MS4s fill out this table electronically. The table is available in Microsoft Word and Corel WordPerfect, or you may duplicate this table manually. Send two completed **hard copies** (an original and a photocopy) of the previous MCC form, this form and the other SWMPAR reporting requirements to the DEC Central Office (MS4 Permit Coordinator, 625 Broadway, Division of Water - 4th Floor, Albany, NY 12233-3505).

MINIMUM MEASURE 1: Public Education and Outreach in Stormwater Impacts

A. If Needed, Provide Additional Notes to Explain and/or Describe Changes to this Minimum Measure in Your SWMP:

The only change from the proposed goals in the initial NOI is that printed materials need to be printed for dissemination once grant funding is released. A website connected to Rensselaer County’s website will be created linking other websites and providing information to all.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		Describe activities that are planned for this minimum measure for next year’s SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
	YES	NO	
REQUIRED TECHNIQUES			
Plan and conduct an ongoing public education and outreach program	X		<ul style="list-style-type: none"> - A water resource protection display will be set up at the Schaghticoke Fair. - Two educational workshops held in April & May 2005 at Brunswick Community Center and Nassau Town Hall on stormwater issues. - Create a website educating the general population plus. - Create a public education plan with MS4 communities. - Print and mail out brochures using state grant funds.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		Describe activities that are planned for this minimum measure for next year's SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
	YES	NO	
ADDITIONAL TECHNIQUES			

MINIMUM MEASURE 2: Public Involvement/Participation

A. If Needed, Provide Additional Notes to Explain and/or Describe Changes to this Minimum Measure in Your SWMP:

The only change from the proposed goals in the initial NOI is that printed materials need to be printed for dissemination once grant funding is released.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		Describe activities that are planned for this minimum measure for next year's SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
	YES	NO	
REQUIRED TECHNIQUES			
Public notice and access to documents and information	X		- A public notice was published on September 23, 2005 and Public Hearing held on October 3, 2005. A public notice will be published once this report is completed.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		Describe activities that are planned for this minimum measure for next year's SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
	YES	NO	
Public presentation and comments received on SWMP and annual report	X		- A public hearing was held on October 3, 2005 - No comments were received on the annual report during the public hearing or on an individual basis.
Public involvement/participation program	X		- Two educational workshops were held in April 2004 at HVCC and Schodack Town Hall on stormwater issues. Information on concerns was solicited from the public/attendees. - Rensselaer County joined with CDRPC and the other regional counties in two training sessions for public officials with sessions on Water Quality issues to educate the officials on the issues and to provided training to planning boards on site plan review with an eye for storm water/erosion control.
Contact person identified	X		- Frederick Howard identified in the NOI.
ADDITIONAL TECHNIQUES			

MINIMUM MEASURE 3: Illicit Discharge Detection and Elimination

A. If Needed, Provide Additional Notes to Explain and/or Describe Changes to this Minimum Measure in Your SWMP:

The County’s and Local Communities’ outfalls will be mapped through a program using GPS that will be funded with State Grant funds. At this time, the funding has not been released.

No illicit discharges into the county’s separate stormwater sewer system were discovered.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		Describe activities that are planned for this minimum measure for next year’s SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
	YES	NO	
REQUIRED ACTIVITIES			
Outfall mapping	X		- Rensselaer County reviews the best method of mapping digitally the outfalls in the MS4 areas and beyond using GPS with its local communities
Illicit discharges prohibited	X		- Rensselaer County started reviewing draft Local Law with its MS4 Communities to create a consistent law across community boundaries.
Public, employees, businesses informed of hazards from illicit discharges	X		- Rensselaer County joined with CDRPC and the other regional counties in two training sessions for public officials with sessions on Water Quality issues to educate the officials on the issues and to provided training to planning boards on site plan review with an eye for storm water/erosion control.
Illicit discharges identified		X	???No illicit discharges identified?????
ADDITIONAL ACTIVITIES			
			- Rensselaer County MS4 Communities started discussing the make-up of the intermunicipal agreement
			- Rensselaer County and its MS4 Communities adopt general intermunicipal agreement resolution.

MINIMUM MEASURE 4: Construction Site Stormwater Runoff Control

A. If Needed, Provide Additional Notes to Explain and/or Describe Changes to this Minimum Measure in Your SWMP:

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		Describe activities that are planned for this minimum measure for next year’s SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
	YES	NO	
REQUIREMENTS			
Require erosion and sedimentation controls through an ordinance or other regulatory mechanism	X		<ul style="list-style-type: none"> - Will tighten County Laws where applicable. - Rensselaer County MS4 Communities review and adopt draft Local Law to create a consistent law across community boundaries. - Rensselaer County and its MS4 Communities adopt general intermunicipal agreement resolution.
Provide opportunity for public comment on construction plans	?		<ul style="list-style-type: none"> - Will tighten County Laws where applicable. - Will work with local MS4 communities in strengthening their laws and regulations to fulfill requirements.
Require construction site plan review	?		<ul style="list-style-type: none"> - Will tighten County Laws where applicable. - Will work with local MS4 communities in strengthening their laws and regulations to fulfill requirements.
Require overall construction site waste management	?		<ul style="list-style-type: none"> - Will tighten County Laws where applicable. - Will work with local MS4 communities in strengthening their laws and regulations to fulfill requirements.
Site inspection and enforcement	?		<ul style="list-style-type: none"> - Will tighten County Laws where applicable. - Will work with local MS4 communities in strengthening their laws and regulations to fulfill requirements.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		Describe activities that are planned for this minimum measure for next year's SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
	YES	NO	
Education and training of construction site operators	X		<ul style="list-style-type: none"> - Rensselaer County Soil & Water Conservation District/NRCS held one training session for engineers, contractors and building inspectors on the Stormwater Prevention Plan requirements and regulations. - Rensselaer County joined with CDRPC and the other regional counties in two training sessions for public officials with sessions on Water Quality issues to educate the officials on the issues and to provided training to planning boards on site plan review with an eye for storm water/erosion control.
ADDITIONAL PRACTICES			

MINIMUM MEASURE 5: Post-Construction Stormwater Management

A. If Needed, Provide Additional Notes to Explain and/or Describe Changes to this Minimum Measure in Your SWMP:

Rensselaer County has not approved a cooperative agreement with its local communities yet. It is expected that it will have approved its cooperating resolution by the end of 2005.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		Describe activities that are planned for this minimum measure for next year's SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
	YES	NO	
REQUIREMENTS			
Assess existing conditions throughout the MS4 and identify appropriate management practices to reduce pollutant discharge to the maximum extent practicable	X		- Two educational workshops were held in April 2004 at HVCC and Schodack Town Hall on stormwater issues. Attendees were asked their major stormwater concerns. - Rensselaer County joins with CDRPC and the other regional counties in training sessions for public officials with sessions on Water Quality issues to educate the officials on the issues.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		Describe activities that are planned for this minimum measure for next year's SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
	YES	NO	
Regulate post-construction runoff from development through an ordinance or other regulatory mechanism	X		<ul style="list-style-type: none"> - Rensselaer County MS4 Communities started reviewing draft Local Law to create a consistent law across community boundaries - Rensselaer County MS4 Communities started discussing the make-up of the intermunicipal agreement. - Rensselaer County does not have authority to control land use as it is in New York State. - Continued to identify land parcels set aside for stormwater management when land is subdivided.
Develop management practice inspection and maintenance program	X		<ul style="list-style-type: none"> - Adopt general intermunicipal agreement resolution to work with its local communities.. - Rensselaer County MS4 Communities review and adopt draft Local Law to create a consistent law across community boundaries. - Continue stormwater management parcel identification. - Require Stormwater Pollution Prevention Plans (SWPPP) to be submitted to the Health Department with subdivision plans approved within MS4 boundaries, and require provision for perpetual maintenance of SWPPP components prior to approval of plans. - Require identification of parcels of land where SWPPP components will be constructed, in a way that they cannot be modified in the future to prevent them from serving their intended purpose.
ADDITIONAL PRACTICES			<ul style="list-style-type: none"> - Rensselaer County Soil & Water Conservation District/NRCS held one training session for engineers, contractors and building inspectors on the Stormwater Prevention Plan requirements and regulations. - Started discussing management with local communities. - Will work together with local MS4 Communities to create management practice inspection and maintenance programs.

MINIMUM MEASURE 6: Pollution Prevention/Good Housekeeping

A. If Needed, Provide Additional Notes to Explain and/or Describe Changes to this Minimum Measure in Your SWMP:

The County has taken a proactive role in addressing the issue of stormwater run and pollution prevention. Our program at the Highway Department includes education of supervisors and key personnel on specific issues pertaining to minimizing the discharge of pollutants and run-off. We have actively implemented standards to be met for our County roads located in and adjacent to the MS 4 urban areas.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		Describe activities that are planned for this minimum measure for next year’s SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
	YES	NO	
REQUIREMENTS			
Prevent discharge of pollutants from municipal operations	X		- Continuing inspection of country roads for cleanliness. - Identify MS4 practices for county operations & facilities for their impact on storm water quality.
Follow DEC NPS management Practices catalog, or equivalent	X		- Inspection of all salt storage facilities, 1 new facility to be constructed 2005.
Conduct employee pollution prevention training	X		- Annual training of highway employees in proper use and spill clean-up of
ADDITIONAL PRACTICES			