

# Ulster County Storm Water Management Program (MS4)

## Final Municipal Compliance Certification Form May 28, 2008 (Year5)



For more information, please contact:

**Ulster County Department of the Environment  
Storm Water Management Program  
17 Pearl Street, Box 1800  
Kingston, N.Y., 12401**  
Tele: (845)338-7287  
Fax: (845)338-7682





## Phase II SPDES General Permit for

Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4s), GP-02-02  
MUNICIPAL COMPLIANCE CERTIFICATION (MCC) FORMRegulated MS4: ULSTER COUNTY SPDES Permit Number: NYR20A367

See information packet for information to help complete this form.

MCC Form for year ending: March 9, ____ 2006 (Year 3) ____ 2007 (Year 4) <u> X </u> 2008 (Year 5)			
<b>Section A. MS4 Owner/Operator and Contact Person Information</b> (contact persons explained in instructions)			
<b>Owner/Operator</b> Is information below new or changed? ____ Yes <u> X </u> No			
Name: <b>David B. Donaldson</b>		Title: <b>Chairman</b>	Department: <b>Ulster County Legislature</b>
Mailing Address:	Street or P.O. Box: <b>PO BOX 1800</b>		City: <b>Kingston</b>
	County: <b>Ulster</b>		State: <b>New York</b> Zip Code: <b>12402</b>
Phone: <b>(845) 340-3900</b>		E-mail Address: <b>ddon@co.ulster.ny.us</b>	
<b>Local Stormwater Public Contact</b> (Required by Minimum Measure 2)			
Is information below: 1) new or changed? <u> X </u> Yes ____ No 2) same as: ____ Owner/Operator			
Name: <b>Miklos Rudnay</b>		Title: <b>Stormwater Management Specialist</b>	Department: <b>Public Works</b>
Mailing Address:	Street or P.O. Box: <b>317 Shamrock Lane</b>		City: <b>Kingston</b>
	County: <b>Ulster</b>		State: <b>New York</b> Zip Code: <b>12401</b>
Phone: <b>(845) 340-3123</b>		E-mail Address: <b>mrud@co.ulster.ny.us</b>	
<b>Stormwater Management Program (SWMP) Coordinator</b> (Responsible for implementation/coordination of SWMP)			
Is information below: 1) new or changed? <u> X </u> Yes ____ No 2) same as: ____ Owner/Operator ____ Local Stormwater Public Contact			
Name: <b>Amanda LaValle</b>		Title: <b>Coordinator</b>	Department: <b>Environment</b>
Mailing Address:	Street or P.O. Box: <b>PO BOX 1800</b>		City: <b>Kingston</b>
	County: <b>Ulster</b>		State: <b>New York</b> Zip Code: <b>12402</b>
Phone: <b>(845) 338-7455</b>		E-mail Address: <b>alav@co.ulster.ny.us</b>	
<b>Annual Report Preparer</b>			
Is information below: 1) new or changed? ____ Yes <u> X </u> No 2) same as: ____ Owner/Operator <u> X </u> Local Stormwater Public Contact ____ SWMP Coordinator			
Name: <b>Miklos Rudnay</b>		Title: <b>Stormwater Management Specialist</b>	Department: <b>Public Works</b>
Mailing Address:	Street or P.O. Box: <b>317 Shamrock Lane</b>		City: <b>Kingston</b>
	County: <b>Ulster</b>		State: <b>New York</b> Zip Code: <b>12401</b>
Phone: <b>(845) 340-3123</b>		E-mail Address: <b>mrud@co.ulster.ny.us</b>	

**IMPORTANT NOTE:** Rows can be added to the tables in the following sections by going to the rightmost cell in the bottom row of the table and hitting tab. Hitting return in a given row will make the row wider, creating more room to type or write.

**Section B. Local Water Quality Information**  
 Information to help complete this section can be found in the instructions.

1. Does the MS4 discharge to 303(d) listed waters or is it in a TMDL watershed?  
 \_\_\_ Yes (complete the table below)    **X** No    \_\_\_ Not Yet Determined  
 (Put an X in the 'Classification' cell to indicate if the MS4 discharges to a waterbody on the 303(d) list and / or if it is in a TMDL watershed.)

Impaired Waters Name (from 303 (d) list and/or TMDL)	Pollutant(s) of Concern (from 303 (d) list and/or TMDL)	Classification	
		303 (d)	TMDL

2. Have you received notification from the Department that you are subject to the special conditions in Part III.B. of the permit?  
 \_\_\_ Yes  
**X** No

3. Have all necessary changes been made to the Stormwater Management Program (SWMP) to ensure compliance with Part III.B. of the MS4 permit for discharges to 303(d) or TMDL waters?  
**X** Yes  
 \_\_\_ No (explain below)

Explanation:

**Section C. Partnership Information**

Information to help complete this section can be found in the instructions.

1. Does your MS4 work with partners?  Yes (complete table below)  No (Proceed to Section D)

**List MS4 Partners with Legally Binding Agreements or Contracts in Place**

**List MS4 Partners with Planned Legally Binding Agreements or Contracts**

**List MS4 Partners with Other Agreements in Place**

FORMER MUNICIPAL AGREEMENT EXPIRED ON JANUARY 6, 2007. WITHOUT A FORMAL AGREEMENT IN PLACE ULSTER COUNTY HELPED 11 MUNICIPALITIES TO COMPLY WITH THEIR OUTFALL MAPPING REQUIREMENTS IN YEAR 5. LIST OF MUNICIPALITIES:

CITY OF KINGSTON (NYR20A394)	VILLAGE OF SAUGERTIES (NYR20A193)
TOWN OF SAUGERTIES (NYR20A426)	TOWN OF KINGSTON (NYR20A424)
TOWN OF MARBLETOWN (NYR20A423)	TOWN OF ESOPUS (NYR20A427)
TOWN OF HURLEY (NYR20A425)	TOWN OF ROSENDALE (NY20A418)
TOWN OF MARLBOROUGH (NYR20A397)	TOWN OF PLATTEKILL (NYR20A467)
TOWN OF SHAWANGUNK (NYR20A289)	

**Section D. Geographic Areas Addressed by Stormwater Management Program (SWMP)**

Information to help complete this section can be found in the instructions.

1. Does your SWMP cover all jurisdictional (automatic and additionally designated) areas within the MS4, as required by 40 CFR 122.32(a)?  Yes  No (Explain below)

Explain:

**Section E. Funding and Resource Allocation**

Information to help complete this section can be found in the instructions.

1. Are adequate resources (funding mechanism, equipment, staff, etc.) planned or in place to fully implement your SWMP no later than January 8, 2008?  Yes  No (explain below)

Explain:

2. If the MS4 is receiving funding through the municipal budget, a grant, or other source, briefly explain below: what are the sources, estimated amounts, and frequency of funding for the MS4?

Explain: ULSTER COUNTY ESTABLISHED AN MS4 DIVISION WITHIN THE DEPARTMENT OF PUBLIC WORKS. THERE IS A \$100,000 BUDGET AVAILABLE FOR THE MS4 COMPLIANCE IN 2008 AT ULSTER COUNTY DPW. IN THE FUTURE, EXPANDED SYSTEM MAPPING AND OTHER MANDATES WOULD REQUIRE A CONTINUED FUNDING AT THIS LEVEL.

3. If the MS4 is not receiving funding, briefly explain below: plans the MS4 has for obtaining future funding?

Explain:

**Section F. Compliance Certification**

**Compliance Assessment** - For each of the minimum control measure, indicate below if your program has made steady progress toward full implementation *and* has achieved all measurable goals scheduled to be completed **during this reporting year**. Refer to the NOI and prior Annual Reports for information about measurable goals scheduled for this reporting year.

Permit Part	Minimum Control Measure	ANSWER BOTH COLUMNS FOR THIS REPORT YEAR ONLY	
		Steady Progress	Goals Achieved
IV.C.1.	Public Education and Outreach on Stormwater Impacts Explain 'no' / 'N/A' answer:	<input checked="" type="checkbox"/> Yes ___ No ___ N/A	<input checked="" type="checkbox"/> Yes ___ No ___ N/A
IV.C.2.	Public Involvement / Participation Explain 'no' / 'N/A' answer:	<input checked="" type="checkbox"/> Yes ___ No ___ N/A	<input checked="" type="checkbox"/> Yes ___ No ___ N/A
IV.C.3.	Illicit Discharge Detection and Elimination Explain 'no' / 'N/A' answer:	<input checked="" type="checkbox"/> Yes ___ No ___ N/A	<input checked="" type="checkbox"/> Yes ___ No ___ N/A
IV.C.4.	Construction Site Stormwater Runoff Control Explain 'no' / 'N/A' answer:	<input checked="" type="checkbox"/> Yes ___ No ___ N/A	<input checked="" type="checkbox"/> Yes ___ No ___ N/A
IV.C.5.	Post-Construction Stormwater Management Explain 'no' / 'N/A' answer:	<input checked="" type="checkbox"/> Yes ___ No ___ N/A	<input checked="" type="checkbox"/> Yes ___ No ___ N/A
IV.C.6.	Pollution Prevention / Good Housekeeping for Municipal Operations Explain 'no' / 'N/A' answer:	<input checked="" type="checkbox"/> Yes ___ No ___ N/A	<input checked="" type="checkbox"/> Yes ___ No ___ N/A

**Certification Statement**

*“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: David B. Donaldson Title Chairman, Ulster County Legislature

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

This 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. See instructions for more information about who can sign this form.

Send two completed **hard copies** (an original and a photocopy) of this form, the Annual Report Table and any attachments to the DEC Central Office (MS4 Permit Coordinator, 625 Broadway, Division of Water - 4<sup>th</sup> Floor, Albany, NY 12233-3505). **DO NOT SUBMIT REPORTS IN THREE-RING BINDERS.**

**Certification Statement**

*"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: David B. Donaldson Title Chairman, Ulster County Legislature

Signature:  Date: 5/25/08

This 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. See instructions for more information about who can sign this form.

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**Phase II SPDES General Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4s), GP-02-02  
STORMWATER MANAGEMENT PROGRAM ANNUAL REPORT (SWMPAR) TABLE**

**Regulated MS4: ULSTER COUNTY SPDES Permit Number: NYR20A367**

Annual Report Table for year ending: March 9, \_\_\_\_ 2006 (Year 3) \_\_\_\_ 2007 (Year 4) X 2008 (Year 5)

Information about how to complete the follow tables is in the instruction section. Please complete the tables electronically, if possible. Send two completed **hard copies** (an original and a photocopy) of this Annual Report Table, the MCC form and any attachments to the DEC Central Office (MS4 Permit Coordinator, 625 Broadway, Division of Water - 4<sup>th</sup> Floor, Albany, NY 12233-3505). **DO NOT SUBMIT REPORTS IN THREE-RING BINDERS.**

**Minimum Control Measure 1. Public Education and Outreach**

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

<p><b>Permit Reference IV.C.1.a, b:</b> Plan and conduct an ongoing public education and outreach program to ensure the reduction of all pollutants of concern in stormwater discharges to the maximum extent practicable (MEP).</p> <ul style="list-style-type: none"> <li>• <i>Explain the program, including activities and materials used</i></li> <li>• <i>Identify the personnel or outside organization conducting the activity.</i></li> <li>• <i>Indicate activities planned for next year.</i></li> </ul>	<p><b>Describe Measurable Goals and Results</b> (when applicable) <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>ULSTER COUNTY ENVIRONMENTAL MANAGEMENT PROGRAM COORDINATOR ATTENDED COMMUNITY EVENTS AND SETTED UP A BOOTH WITH ACTIVITIES AND DISPLAYS FOR STORMWATER AND NON POINT SOURCE POLLUTION EDUCATION.</p>	<p>9 EVENTS ATTENDED IN YEAR 5. THESE EVENTS COVERED THE ENTIRE COUNTY. OVER 200 ADULTS AND 400 YOUTH WERE REACHED; A TOTAL OF 600 PIECES OF ADULT STORMWATER LITERATURE AND 430 PIECES OF YOUTH STORMWATER EDUCATION LITERATURE WERE DISTRIBUTED. 460 ATTENDEES ENGAGED IN A HANDS-ON STORMWATER LESSON, <i>WE ALL LIVE DOWNSTREAM</i>, USING THE <i>ENVIROSCAPE™</i> WATERSHED MODEL. 60 ATTENDEES PARTICIPATED IN “<i>WHAT’S YOUR WATERSHED ADDRESS?</i>”, AN INTERACTIVE ACTIVITY WHICH USES USGS TOPOGRAPHIC MAPS. APPROXIMATELY 150 MORE TOOK LITERATURE.</p>
<p>ENVIRONMENTAL MANAGEMENT PROGRAM COORDINATOR PRESENTED NON POINT SOURCE POLLUTION AND STORMWATER INFORMATION AT SCHOOLS.</p>	<p>AT THE K-12 LEVEL, 57 FOURTH GRADE STUDENTS AND 3 TEACHERS WERE TAUGHT IN THE KINGSTON CITY MS4. ALL EXPERIENCED THE STORMWATER LESSON WITH THE <i>ENVIROSCAPE™</i> WATERSHED MODEL. 12 PIECES OF ADULT AND 63 PIECES OF YOUTH LITERATURE WERE DISTRIBUTED.</p>
<p>STORMWATER EDUCATION WAS CONDUCTED FOR THE COUNTY’S STAFF BY THE STORMWATER MANAGEMENT SPECIALIST.</p>	<p>235 COUNTY STAFF ATTENDED STORMWATER WORKSHOPS.</p>

<p>A RACK OF FREE STORMWATER LITERATURE WAS INSTALLED IN THE LOBBY OF THE COUNTY OFFICE BUILDING, 244 FAIR ST. KINGSTON. THIS LITERATURE INCLUDES INFORMATION ON BEST MANAGEMENT PRACTICES (BMPS) TO ENCOURAGE PROPER LAWN AND GARDEN CARE, LOW IMPACT DEVELOPMENT, PET WASTE MANAGEMENT, AND WATER CONSERVATION.</p>	<p>THIS LITERATURE RACK WILL BE RESTOCKED AS NEEDED IN 2008.</p>
<p><b>Additional Techniques</b></p>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>A STORMWATER REFERENCE LIBRARY IS AVAILABLE, BY APPOINTMENT, IN THE OFFICE OF THE STORMWATER MANAGEMENT SPECIALIST (SWMS), MIKLOS RUDNAY AT THE DEPARTMENT OF PUBLIC WORKS.</p>	<p>THIS LIBRARY WILL CONTINUE TO BE AVAILABLE IN 2008 FOR THE USE OF ULSTER COUNTY MUNICIPALITIES AND OTHER INTERESTED PARTIES.</p>
<p>THE SWMS, MIKLOS RUDNAY, MAINTAINS A DIGITAL STORMWATER REFERENCE LIBRARY. UPON REQUEST, ITEMS CAN BE E-MAILED.</p>	<p>THIS LIBRARY WILL CONTINUE TO BE AVAILABLE IN 2008.</p>
<p><b>Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:</b></p>	
<p>MIKLOS RUDNAY CONDUCTED EMPLOYEE TRAINING IN “GOOD HOUSEKEEPING” (STORMWATER BMPS) FOR THE TOWN OF PLATTEKILL</p>	
<p>DENNIS DOYLE, DIRECTOR OF UC PLANNING AND MIKLOS RUDNAY, SWMS, UC PUBLIC WORKS, HELD INFORMATIONAL MEETINGS ON THE OUTFALL MAPPING REQUIREMENT OF THE SPDES PROGRAM WITH REPRESENTATIVES OF THE MS4 MUNICIPALITIES.</p>	
<p>THREE SETS OF EMPLOYEE TRAINING MATERIAL WERE PURCHASED. THIS MATERIAL WAS USED FOR EMPLOYEE TRAINING AT THE COUNTY. FOUR ADDITIONAL MS4 MUNICIPALITIES BORROWED THIS MATERIAL TO CONDUCT EMPLOYEE TRAINING IN YEAR 5. THIS TRAINING MATERIAL WILL BE AVAILABLE FOR LOAN TO MS4 MUNICIPALITIES IN 2008.</p>	

**Minimum Control Measure 2. Public Involvement/Participation**

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

<p><b>Permit Reference IV.C.2.c.iii.:</b> Design and conduct a public involvement / participation program.</p> <ul style="list-style-type: none"> <li>• Describe activities that the MS4 has/will undertake to provide program access to interested individuals and to gather needed input.</li> <li>• Indicate activities planned for next year.</li> </ul>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>ULSTER COUNTY HAS SCHEDULED A CATCH BASIN STENCILING PROGRAM FOR COUNTY ROADS AND BUILDINGS WITHIN THE MS4 AREA. CATCH BASINS HAVE BEEN IDENTIFIED ON MAPS OF MS4 ROADS AND BUILDINGS.</p>	<p>634 CUSTOM CURB MARKERS, CONSISTENT WITH NYS DEC (HUDSON RIVER ESTUARY PROGRAM) SPECS WERE PURCHASED IN 2007 FOR INSTALLATION IN YEAR 6. COMMUNITY VOLUNTEERS WILL BE RECRUITED TO ASSIST WITH STENCIL [MARKER] INSTALLATION.</p>
<p>ULSTER COUNTY SOIL AND WATER CONSERVATION DISTRICT (UCSWCD) ASSISTED MUNICIPALITIES WITH THE INSTALLATION OF CATCH BASIN STENCILING.</p>	<p>IN YEAR 5 48 CATCH BASIN CURB MARKERS WERE INSTALLED IN THE TOWNS. A TOTAL OF 223 MARKERS WERE INSTALLED BY THE END OF YEAR 5. CATCH BASIN STENCILING WILL BE CONTINUED BY UCSWCD IN YEAR 6.</p>
<p>DESIGN AND RE-ESTABLISH A STORMWATER HOTLINE.</p>	<p>A DEDICATED PHONE LINE, PLUS A “STORMWATER” EMAIL ADDRESS WERE CREATED. THIS INFORMATION HAS BEEN POSTED ON THE ULSTER COUNTY WEBSITE: <a href="http://www.co.ulster.ny.us/stormwater.html">http://www.co.ulster.ny.us/stormwater.html</a></p>
<p>ULSTER COUNTY ENVIRONMENTAL MANAGEMENT PROGRAM COORDINATOR HAS BEEN PARTICIPATING IN MEETINGS OF THE LOWER ESOPUS WATERSHED MANAGEMENT AND STEWARDSHIP PROJECT, A WATERSHED ORGANIZATION</p>	<p>PARTICIPATION IN THE LOWER ESOPUS WATERSHED MANAGEMENT AND STEWARDSHIP PROJECT WILL CONTINUE IN 2008</p>
<p>IN DECEMBER 2007, ENVIRONMENTAL MANAGEMENT PROGRAM COORDINATOR PARTICIPATED THE SAWKILL WATERSHED EDUCATIONAL FORUM, WHICH PROMOTED THE “TREES FOR TRIBS” RIPARIAN PLANTING PROGRAM. THIS EVENT BROUGHT TOGETHER STAKEHOLDERS AND WATERSHED ORGANIZATIONS</p>	<p>ULSTER COUNTY MS4, PROMOTED THE 2008 “TREES FOR TRIBS” PROGRAM VIA THE ULSTER COUNTY ENVIRONMENTAL MANAGEMENT COUNCIL</p>
<p><b>Permit Reference IV.C.2.a, f:</b> Develop procedures to provide public notice about and access to documents and information in a manner that complies with state and local public notice requirements. <i>Describe procedures below and state the methods used to publicize the AR public presentation.</i></p>	
<p>PUBLIC NOTICE WAS PUBLISHED IN 5 ULSTER PUBLISHING NEWSPAPERS AND THE SAUGERTIES POST STAR ON MAY 7, 2008</p>	
<p>MS4 ANNUAL REPORT AND INVITATION FOR THE MS4 AR PRESENTATION WERE POSTED ON THE ULSTER COUNTY GOVERNMENT WEBSITE UNDER “STORMWATER MANAGEMENT PROGRAM”. <a href="http://www.co.ulster.ny.us/stormwater.html">http://www.co.ulster.ny.us/stormwater.html</a></p>	
<p><b>Permit Reference IV.C.2.e:</b> Public presentation of; <b>f:</b> summary of comments received on; and <b>g:</b> intended response to comments on the SWMPAR.</p>	
<p><b>Summarize attendance at the public presentation of the Annual Report. Include number of attendees and who was represented:</b>  <b>One person, , representing no organization, attended the public presentation of the Annual Report.</b></p>	

<b>Comments on Annual Report Meeting</b> <input checked="" type="checkbox"/> No public comments received on Annual Report. <input type="checkbox"/> Comments received. <b>Attach summary of comments and intended responses.</b>	<b>Date of Annual Report Meeting:</b> May 19, 2008	<b>Approximate Date of Meeting Next Year:</b> MAY 2009
<b>Additional Techniques</b>	<b>Describe Measurable Goals and Results</b> (when applicable) <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)	
A STORMWATER MAILING LIST HAS BEEN DEVELOPED AND USED	THE MAILING LIST WILL BE AVAILABLE FOR USE, AND WILL BE UPDATED AS NEEDED IN 2008	
<b>Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:</b> THE COUNTY HAD PLANNED A “NO DUMPING” SIGN PROGRAM IN YEAR 5 TO PREVENT ILLEGAL DUMPING. ACCORDING TO OUR ASSESSMENT, THERE WERE NO ILLEGAL DUMP SITES DETECTED ON COUNTY PROPERTIES. HOWEVER, ILLEGAL DUMPING MAY OCCUR ALONG THE COUNTY ROADS, ON TOWN OR PRIVATE PROPERTIES. COOPERATION IS NEEDED BETWEEN THE COUNTY AND THE TOWNS TO PLACE “NO DUMPING” SIGNS AT THE NECESSARY LOCATIONS.		

**Minimum Control Measure 3. Illicit Discharge Detection and Elimination (IDDE)**

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

<p><b>Permit Reference IV.C.3.a:</b> Develop, implement and enforce a program to detect, identify and eliminate illicit discharges, including illegal dumping, into the MS4.</p> <ul style="list-style-type: none"> <li>• <i>Explain the activities and procedures used to meet this requirement this year <u>and planned for next year.</u></i></li> <li>• <u>Revise as procedures are updated.</u></li> <li>• <i>Identify personnel or outside organization conducting the activities</i></li> </ul>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p> <ul style="list-style-type: none"> <li>• <i>Example measurable goals: number of illicit discharges detected; number of illicit discharges eliminated.</i></li> </ul>
<p>USING THE IDDE MECHANISM ESTABLISHED IN YEAR FIVE. 9 ILLICIT DISCHARGES WERE DETECTED WITHIN THE MS4 AREA.</p>	<p>7 ILLICIT DISCHARGES WERE ELIMINATED IN YEAR 5. THE COUNTY WILL CONTINUE TO IDENTIFY AND ELIMINATE ILLICIT DISCHARGES IN 2008. MEASURABLE GOAL WILL BE THE NUMBER OF ILLICIT DISCHARGES DETECTED AND ELIMINATED.</p>
<p>IDDE LAW WAS ESTABLISHED IN YEAR 5.</p>	<p>THIS LAW WAS ADOPTED IN DECEMBER 12, 2007 AND IT PROHIBITS ILLICIT DISCHARGES TO THE COUNTY DRAINAGE SYSTEM. THE IDDE LAW CAN BE FOUND ON THE ULSTER COUNTY WEBSITE:  <a href="http://www.co.ulster.ny.us/stormwater.html">http://www.co.ulster.ny.us/stormwater.html</a></p>
<p>ULSTER COUNTY STORMWATER MANAGEMENT SPECIALIST (SWMS), THE DEPARTMENT OF PUBLIC WORKS, AND THE HEALTH DEPARTMENT CONDUCT THE IDDE ACTIVITIES.</p>	<p>THIS COMMON EFFORT FOR THE COUNTY'S IDDE PROGRAM WILL CONTINUE IN 2008.</p>
<p><b>Permit Reference IV.C.3.b:</b> Develop and maintain a map showing the location of all outfalls and the names and location of all waters of the US that receive discharges from outfalls. <i>Explain activities performed this year <u>and planned for next year,</u> including work on the following IDDE guidance prerequisites:</i></p> <ul style="list-style-type: none"> <li>• field verification of outfall locations;</li> <li>• mapping all inter-municipal subsurface conveyances;</li> <li>• delineating storm sewershed; and</li> <li>• developing and retaining MS4 mapping as needed to find the source and identify illicit discharges. <b>State if maps are in GIS.</b></li> </ul>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p> <ul style="list-style-type: none"> <li>• <i>Example measurable goals: percent of outfalls mapped</i></li> </ul>
<p>OUTFALL MAPPING WAS COMPLETED (100 %) DURING YEAR 5 USING GIS FORMAT. FIELD VERIFICATION OF OUTFALL LOCATIONS WAS DONE BY 3 COUNTY CREWS USING GPS UNITS. ULSTER COUNTY INFORMATION SERVICES PROCESSED THE COLLECTED DATA.</p>	<p>ULSTER COUNTY PURCHASED 3 GPS UNITS (TRIMBLE RANGER) AND HIGH DEFINITION AERIAL PHOTOGRAPHY (PICTOMETRY) FOR THE OUTFALL MAPPING. THESE TOOLS WILL ALSO BE USED FOR THE SYSTEM MAPPING AND FOR THE DELINIATION OF STORM SEWERSHED. 345 OUTFALLS WERE MAPPED ALONG THE COUNTY ROADS AND 29 ON OTHER COUNTY PROPERTIES (BUILDINGS AND</p>

	PARKING LOTS). OUTFALL MAPPING WAS COMPLETED IN DECEMBER 2007.
DRY WEATHER SURVEY WAS CONDUCTED DURING THE OUTFALL MAPPING PROCESS.	DRY WEATHER SURVEY WILL BE CONDUCTED ON A YEARLY BASIS.
THE COUNTY HELPED 11 MS4 MUNICIPALITIES WITH THEIR OUTFALL MAPPING OBLIGATIONS. THE LIST OF THESE MUNICIPALITIES CAN BE FOUND IN THIS AR UNDER "SECTION C. PARTNERSHIP INFORMATION" ON PAGE 3. FOR AN OVERVIEW OF THIS PROCESS SEE ATTACHMENTS: "ULSTER COUNTY, POOLED RESOURCES = SUCCESS AND SUSTAINABILITY"	ULSTER COUNTY PLANS TO HELP THESE MS4 MUNICIPALITIES WITH THEIR SYSTEM MAPPING OBLIGATIONS IN THE NEXT PERMIT PERIOD USING THE PURCHASED GPS UNITS AND PICTOMETRY.
SYSTEM MAPPING FOR THE COUNTY ROADS IS 100 % AND FOR OTHER COUNTY OWNED PROPERTIES IS 50 % COMPLETE IN PAPER FORMAT.	THE COUNTY INTENDS TO TRANSFER THE COLLECTED SYSTEM MAPPING FOR COUNTY OWNED PROPERTIES FROM PAPER TO DIGITAL FORMAT USING GPS UNITS AND GIS. IN 2008, THE COUNTY PLANS TO DIGITIZE 20 % OF THE DRAINAGE SYSTEM AND DELINIATE THE STORM SEWERSHED AREA FOR THE RELEVANT AREA. IN 2012 THE SYSTEM MAPPING AND THE DELINIATION OF THE STORM SEWERSHED WILL BE 100 % COMPLETED.

**Minimum Control Measure 3. Illicit Discharge Detection and Elimination (IDDE) Regulatory Mechanism**

<b>Permit Reference IV.C.3.c:</b> Prohibit, through an ordinance, local law or other regulatory mechanism, illicit discharges into the MS4. The MS4s have until year 5 to complete the local law work. <b>See the instructions for information about completing this section.</b>	
Does the MS4 have the legal authority to enact ordinances, local laws or other regulatory mechanisms?	<input type="checkbox"/> No (go to ADDENDUM 1) <input checked="" type="checkbox"/> Yes (complete questions below)
<b>Assessment of Regulatory Mechanism (Local Code)</b>	
1) When was this assessment completed or planned to be completed?	Date completed: <u>OCTOBER 12, 2007</u> <input type="checkbox"/> Not yet completed (proceed to Permit Reference IV.C.3.e) Plan to complete for reporting in year: <u>  </u> 4; <u>  </u> 5.
2) Is there an existing ordinance, local law or other regulatory mechanism?	<input type="checkbox"/> No (go to question 5) <input checked="" type="checkbox"/> Yes
3) Does the existing regulatory mechanism prohibit illicit discharges as required by the MS4 Permit?	<input type="checkbox"/> No (amendments needed) <input checked="" type="checkbox"/> Yes
4) Does the existing regulatory mechanism include enforcement authorities and procedures as required by the MS4 Permit?	<input type="checkbox"/> No (amendments needed) <input checked="" type="checkbox"/> Yes
<b>Development of Regulatory Mechanism (Local Codes)</b>	
5) When was this work completed or planned to be completed?	Date completed: <u>DECEMBER 12, 2007</u> <input type="checkbox"/> Not yet completed (proceed to Permit Reference IV.C.3.e) Plan to complete work below for reporting in year: <u>  </u> 4; <u>  </u> 5.
6) If you answered 'No' to question 1, 2 or 3, what regulatory mechanism or amendments will be adopted to meet the MS4 permit requirements?	<input type="checkbox"/> NYS IDDE Model Law in its entirety <input type="checkbox"/> Selected NYS IDDE Model Law articles adopted as amendments to existing code(s) that are equivalent to the NYS IDDE Model Law <input type="checkbox"/> MS4 will write language equivalent to NYS IDDE Model Law
7) If you answered 'No' to question 1, 2 or 3, has a list of needed changes to local codes been developed for adoption of the regulatory mechanism?	<input type="checkbox"/> No <input type="checkbox"/> Yes, list the <b>local code(s)</b> that will be changed:
8) If the existing regulatory mechanism does not require amendments, what language is in the mechanism?	<input type="checkbox"/> NYS IDDE Model Law in its entirety <input type="checkbox"/> Selected NYS IDDE Model Law articles adopted as amendments to existing code(s) that are equivalent to the NYS IDDE Model Law <input checked="" type="checkbox"/> Language equivalent to NYS IDDE Model Law
9) What was the date or is the planned date of local law adoption?	Date: DECEMBER 12, 2007
10) Provide a web address if adopted local law can be found on a web site.	Web Address: <a href="http://www.co.ulster.ny.us/resolution-archives/2007/425-07.pdf">http://www.co.ulster.ny.us/resolution-archives/2007/425-07.pdf</a>

**Minimum Control Measure 3. Illicit Discharge Detection and Elimination (IDDE)**

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

<p><b>Permit Reference IV.C.3.e:</b> Inform public employees, businesses and the general public of hazards associated with illegal discharges and improper disposal of waste.</p> <ul style="list-style-type: none"> <li>• <i>Explain activities and materials used to meet this requirement this year <u>and</u> planned for next year</i></li> <li>• <i>Identify personnel or outside organization conducting activities</i></li> </ul>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>IDDE TRAINING FOR 186 COUNTY EMPLOYEES WAS CONDUCTED BY SWMS FOR DEPARTMENTS OF HIGHWAYS AND BRIDGES, BUILDINGS AND GROUNDS, ULSTER COUNTY AREA TRANSPORTATION, AND CENTRAL AUTO GARAGE. ILLICIT DISCHARGE REPORT SHEETS WERE DISTRIBUTED FOR SUPERVISORS.</p>	<p>BY THE END OF YEAR 5 A TOTAL OF 233 COUNTY EMPLOYEES RECEIVED IDDE TRAINING. NEW EMPLOYEES WILL RECEIVE IDDE TRAINING IN 2008.</p>
<p>ULSTER COUNTY SWMS GAVE EMPLOYEE TRAINING FOR 11 EMPLOYEES IN THE TOWN OF PLATTEKILL HIGHWAY GARAGE. ILLICIT DISCHARGE REPORT SHEET WAS INTRODUCED FOR RECOMMENDED USE.</p>	<p>SWMS WILL CONDUCT IDDE TRAINING FOR MS4 MUNICIPALITIES ON REQUEST IN 2008.</p>
<p><b>Additional Techniques</b></p>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>TRAINING MATERIAL WAS BORROWED FROM THE COUNTY'S STORMWATER LIBRARY BY CITY OF KINGSTON, VILLAGE AND TOWN OF SAUGERTIES, AND TOWN OF ROSENDALE. THE TRAINING WAS CONDUCTED BY THESE MUNICIPALITES.</p>	<p>THE COUNTY HAS 3 COPIES OF THE IDDE TRAINING MATERIAL AND THEY WILL BE AVAILABLE FOR THE MS4 MUNICIPALITIES WITHIN ULSTER COUNTY AS NEEDED.</p>
<p><b>Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:</b></p>	

**Minimum Control Measure 4 and 5. Construction Site and Post-Construction Stormwater Runoff Control Regulatory Mechanism**

**Permit Reference IV.C.4.b.i, 5.a.i:** Require development and implementation of erosion and sedimentation controls through a local law or other regulatory mechanism. Report on assessment process used (*Stormwater Management Gap Analysis Workbook for Local Officials* or equivalent process). The MS4s have until year 5 to complete the local law work. **See the instructions for information about completing this section.**

Does the MS4 have the legal authority to enact land use ordinances, local laws or other regulatory mechanisms?	<input checked="" type="checkbox"/> No (go to ADDENDUM 2) <input type="checkbox"/> Yes (complete questions below) THE COUNTY IS NOT A TRADITIONAL MS4 AND IS NOT REQUIRED TO ENACT LAWS OR ORDINANCES TO REGULATE CONSTRUCTION ACTIVITIES (SEE ATTACHED LETTER FROM DEC; DATED OCTOBER 19, 2007).
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**Preliminary Assessment of Regulatory Mechanism (Local Code)**

1. When was the preliminary assessment of existing local codes completed or when will it be completed?	Date completed: _____ Not yet completed (proceed to Permit Reference IV.C.4.b.v) Plan to complete for reporting in year: ___4; ___5.  <input type="checkbox"/> Did not do preliminary assessment; proceeded directly to Gap Analysis Worksheets 1-4 or adopted <i>Sample Local Law for Stormwater Management and Erosion &amp; Sediment Control</i> (Sample Local Law).
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2. If preliminary assessment was completed, indicate the results.	<input type="checkbox"/> If none of Sample Local Law provisions appear in local code; consider adopting Sample Local Law or equivalent <input type="checkbox"/> If few Sample Local Law provisions appear in local code; major revisions needed or consider adopting Sample Local Law or equivalent <input type="checkbox"/> If most of the Sample Local Law provisions appear in local code; minor revisions needed
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**Assessment and Development of Regulatory Mechanism (Local Code)** (continued on next page)

3. When was the Gap Analysis or equivalent process completed or when will it be completed?	Date completed: _____ Not yet completed (proceed to Permit Reference IV.C.4.b. v) Plan to complete work below for reporting in year: ___4; ___5.
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4. How was the local code adopted or how will it be adopted*?  <i>*If MS4 has some existing local code equivalent to the Sample Local Law and adopted parts of the Sample Local Law as amendments to make a complete local code, check b and c.</i>	a. ___ The entire Sample Local Law adopted as amendments to existing code or as stand alone law. <ul style="list-style-type: none"> <li>• If no portions of the Sample Local Law were moved or deleted, all provisions would be exactly the same as the Sample Local Law.</li> <li>• If ANY provisions of the Sample Local Law were moved or deleted, the moved or changed provisions must be reviewed (use the <i>Gap Analysis</i> or equivalent process) to ensure the intent of the law has not been changed.</li> </ul> b. ___ Parts of NYS Sample Local Law adopted as amendments to existing code. c. ___ Language developed by municipality was demonstrated to be equivalent.
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**Minimum Control Measure 4 and 5. Construction Site and Post-Construction Stormwater Runoff Control Regulatory Mechanism**

**Permit Reference IV.C.4.b.i, 5.a.i** (continued)

**Assessment and Development of Regulatory Mechanism (Local Code)** (continued)

5. Answer the following questions about the Gap Analysis or equivalent processes.

Clauses are defined as: All the Sample Local Law sections or subsections in the Gap Analysis Worksheets 1-4 that have a box in the “Equivalence” column, meaning that there is an associated “Equivalence” sheet (with the exception of Article 6, Section 4 which does not have an Equivalence sheet).

Total number of clauses in each worksheet: Sample Local Law Article 1 (Gap Analysis Worksheet 1) - 8 clauses; Sample Local Law Article 2 (Gap Analysis Worksheet 2) - 51 clauses; Sample Local Law Article 3, 4, 5 (Gap Analysis Worksheet 3) - 3 clauses; Sample Local Law Article 6 (Gap Analysis Worksheet 4) - 9 clauses.

MS4s that adopt the entire Sample Local Law as amendments to existing code or as stand alone law need to indicate the number of clauses being adopted that are exactly the same as the Sample Local Law, or equivalent, in the right-hand column below.

Sample Local Law Articles	NUMBER OF REQUIRED CLAUSES IN LOCAL LAW		
	Existing clauses <b>exactly the same</b> as the Sample Local Law language	Existing clauses <b>equivalent</b> to the Sample Local Law language (see Gap Analysis Workbook Equivalence Sheets for information to help determine equivalence)	Sample Local Law or equivalent language to be <b>adopted</b> , listed as <b>legislative agenda</b> items.
1			
2			
3, 4, 5			
6			
TOTAL			

6. Has a list of needed changes (legislative agenda) been developed for adoption of amendments to local codes (or for deletion of existing codes that are addressed by adoption of a stand alone law)?

\_\_\_ No  
\_\_\_ Yes, list the **local codes** that will be changed:

7. What was the date or is planned date of local code adoption? Date:

8. Provide a web address if the adopted local law can be found on a web site. Web Address:

**Minimum Control Measure 4. Construction Site Stormwater Runoff Control**

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

<p><b>Permit Reference IV.C.4.b. v:</b> Develop and implement procedures for site plan review by the MS4 that incorporate consideration of potential water quality impacts and review individual pre-construction site plans to ensure consistency with local sediment and erosion control requirements.</p> <ul style="list-style-type: none"> <li>• Describe the procedures below. <u>Revise as procedures are updated.</u></li> </ul>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p> <ul style="list-style-type: none"> <li>• Example measurable goals: number of plans received; number of plans reviewed; percent of plans received that are reviewed.</li> </ul>
<p>ULSTER COUNTY ESTABLISHED A CONSTRUCTION SITE PLAN REVIEW PROCEDURE FOR ITS MS4 AREA WITH THE COOPERATION BETWEEN THE COUNTY’S PLANNING, DPW AND HEALTH DEPARTMENTS.</p>	<p>THE SITE PLAN REVIEW PROCEDURE AND THE COUNTY REQUIREMENTS ARE DESCRIBED IN THE NARRATIVE.</p>
<p>MIKLOS RUDNAY, CPESC, CPSWQ, THE COUNTY’S STORMWATER MANAGEMENT SPECIALIST (SWMS) REVIEWS THE SITE PLANS FOR EROSION AND SEDIMENT CONTROL AND WATER QUALITY TO PROTECT THE COUNTY’S DRAINAGE SYSTEM.</p>	<p>IN YEAR FIVE 4 CONSTRUCTION SITE PLANS WERE REVIEWED BY SWMS WITHIN THE MS4 AREA, USING THE ESTABLISHED CONTROL MECHANISM. SWMS WILL CONTINUE TO REVIEW THE SITE PLANS IN 2008.</p>
<p>THE COUNTY ALSO ESTABLISHED A SITE PLAN REVIEW PROCESS FOR THE COUNTY–OWNED CONSTRUCTIONS PROJECTS. THE REVIEW PROCEDURE IS DESCRIBED IN THE NARRATIVE.</p>	<p>THERE IS NO OPEN CONSTRUCTION PROJECT ON COUNTY PROPERTIES WHICH WOULD FALL UNDER THE SPDES PERMIT REQUIREMENTS. ACCORDING TO THE ESTABLISHED SITE PLAN REVIEW PROCEDURE, THE SWMS WILL REVIEW THE PLANS TO COMPLY WITH THE SPDES PERMIT REQUIREMENTS (SEE ATTACHED CONSTRUCTION POLICY STATEMENT).</p>
<p><b>Permit Reference IV.C.4.b. vi:</b> Develop and implement procedures for the receipt and consideration of information submitted by the public.</p> <ul style="list-style-type: none"> <li>• Explain the procedures below. <u>Revise as procedures are updated.</u></li> <li>• Identify the responsible personnel or outside organizations.</li> </ul>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>A STORMWATER HOTLINE WAS ESTABLISHED IN OCTOBER 2007. THIS DEDICATED PHONE LINE IS ADVERTISED IN THE COUNTY’S WEBSITE AND AVAILABLE FOR THE PUBLIC. THE COUNTY ALSO ESTABLISHED A DEDICATED E-MAIL ADDRESS FOR STORMWATER ISSUES.</p>	<p>NONE OF THE COMPLAINTS RECEIVED TO DATE FELL WITHIN THE MS4 AREA. THE COUNTY ALSO INTENDS TO USE BUMPER STICKERS ON ITS VEHICLES TO INFORM THE PUBLIC ABOUT THE STORMWATER HOTLINE.</p>
<p>ULSTER COUNTY’S SWMS, MIKLOS RUDNAY, CPESC, CPSWQ RECVEIVES THE STORMWATER HOTLINE PHONE CALLS AND E-MAILS. SWMS IS RESPONSIBLE FOR THE IMPLEMENTATION, RESPONSE, AND REMEDIES OF THE STORMWATER RELATED ISSUES.</p>	<p>SWMS HAS DEVELOPED A COMPLAINT LOG. THIS SHEET INCLUDES THE DATE OF THE COMPLAINT, THE STATUS OR PROGRESS OF THE COMPLAINT, AND THE REMEDY. IT ALSO SHOWS THE COMPLETION DATE. THIS COMPLAINT LOG WILL BE USED IN 2008.</p>

**Minimum Control Measure 4. Construction Site Stormwater Runoff Control**

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

<p><b>Permit Reference IV.C.4.b. iii, vii:</b> Develop and implement procedures for site inspections, enforcement of control measures and sanctions to ensure compliance with GP-02-02.</p> <ul style="list-style-type: none"> <li>Describe each procedure below. <u>Revise as procedures are updated.</u></li> </ul>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p> <ul style="list-style-type: none"> <li>Example measurable goals are number of: inspections; fines assessed; stop work orders; other sanctions.</li> </ul>
<p>MIKLOS RUDNAY, CPESC, CPSWQ, THE COUNTY’S STORMWATER MANAGEMENT SPECIALIST (SWMS) IS ASSIGNED TO INSPECT THE REGULATED CONSTRUCTION SITES.</p>	<p>THERE WERE NO CONSTRUCTION SITES TO BE INSPECTED BY SWMS IN YEAR 5 WITHIN THE MS4 AREA.</p>
<p>THE COUNTY’S SWMS WILL INSPECT THE COUNTY-OWNED CONSTRUCTION SITES.</p>	<p>THE SWMS ALSO PROVIDES TECHNICAL ASSISTANCE FOR THE TOWNS WITHIN THEIR MS4 JURISDICTIONS AT THE TOWN’S REQUEST.</p>
<p><b>Permit Reference IV.C.4.b. viii:</b> Educate and train construction site operators about requirements to develop and implement a SWPPP and any other requirements they must meet <b>within the MS4s jurisdiction.</b></p> <ul style="list-style-type: none"> <li>Explain the activities and materials used to meet this requirement.</li> <li>Identify the personnel or outside organization conducting this activity.</li> <li>Indicate activities planned for next year.</li> </ul>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>THE COUNTY PURCHASED 3 SETS OF EMPLOYEE TRAINING MATERIAL FOR CONSTRUCTION ACTIVITIES. THIS TRAINING MATERIAL, NAMED “GROUND CONTROL – STORMWATER POLLUTION PREVENTION FOR CONSTRUCTION SITES” INCLUDES A DVD AND AN EMPLOYEE QUIZ.</p>	<p>THIS EMPLOYEE TRAINING MATERIAL WAS AVAILABLE FOR OTHER PARTICIPATING MS4 MUNICIPALITIES IN YEAR 5. FOUR MUNICIPALITIES BORROWED A COPY TO TRAIN THEIR EMPLOYEES. THIS TRAINING MATERIAL WILL BE AVAILABLE FOR THE MS4 MUNICIPALITIES IN 2008, AS WELL.</p>
<p>ULSTER COUNTY’S SWMS CONDUCTED CONSTRUCTION TRAINING FOR 191 COUNTY EMPLOYEES, INCLUDING THE DEPARTMENTS OF HIGHWAYS AND BRIDGES, AND BUILDINGS AND GROUNDS.</p>	<p>NEW EMPLOYEES WILL BE TRAINED IN 2008.</p>
<p><b>Additional Techniques</b></p>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p><b>Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:</b></p>	

**Minimum Control Measure 5. Post-Construction Stormwater Management**

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

<p><b>Permit Reference IV.C.5.a, c.</b> Develop and implement a post-construction stormwater management program that addresses stormwater runoff from new development and redevelopment and will reduce the discharge of pollutants to the MEP. Program requirements should include:</p>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> <li>• A combination of structural and/or non-structural management practices.</li> <li>• <i>Identify and describe below procedures to ensure installation of post-construction management practices. Revise as procedures are updated.</i></li> </ul>	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>CONSTRUCTION BEGAN ON THE INSTALLATION OF A NEW DRAINAGE SYSTEM AT THE DPW HIGHWAY GARAGE (QUARRY) IN KINGSTON. THE PROJECT INCLUDES NEW PIPING AND CATCH BASINS, AN OIL/WATER SEPARATOR AND A VORTECHS UNIT.</p>	<p>AN OPERATION AND MAINTENANCE SHEDULE WILL BE DEVELOPED FOR BOTH THE OIL/WATER SEPARATOR AND THE VORTECHS UNITS.</p>
<p>A POLLUTION PREVENTION PLAN WAS DEVELOPED FOR THE (QUARRY) IN YEAR 5. THE PLAN INLCUDES BOTH STRUCTURAL AND NON-STRUCTURAL BMPS. 3 POLLUTION PREVENTION TEAMS WERE CREATED AND RESPONSIBILITIES WERE ASSIGNED.</p>	<p>THE POLLUTION PREVENTION PLAN INCLUDES PREVENTIVE MAINTENANCE MEASURES, MATERIAL HANDLING, STORAGE BMPS, AND PROPER WASTE HANDLING.</p>
<p>OPERATION AND MAINTENANCE SCHEDULES WERE DEVELOPED FOR THE ULSTER COUNTY AREA TRANSIT (UCAT) AND LAW ENFORCEMENT CENTER (UCLEC).</p>	<p>BOTH FACILITIES HAVE A SCHEDULED MAINTENANCE PROGRAM.</p>
<p>ULSTER COUNTY’S SWMS CONDUCTED CONSTRUCTION TRAINING WHICH INCLUDED POST-CONSTRUCTION PRACTICES, FOR 191 COUNTY EMPLOYEES, INCLUDING THE DEPARTMENTS OF HIGHWAYS AND BRIDGES, AND BUILDINGS AND GROUNDS.</p>	<p>NEW EMPLOYEES WILL BE TRAINED IN THE 2008-. 2009 REPORTING PERIOD.</p>
<ul style="list-style-type: none"> <li>• Procedures for site plan and SWPPP review to ensure SWMPs meet state standards.</li> <li>• <i>Describe procedures below. Revise as procedures are updated.</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Example measurable goals include: number of plans received; number of plans reviewed; percent of plans received that are reviewed.</i></li> </ul>
<p>ULSTER COUNTY ESTABLISHED A CONSTRUCTION SITE PLAN REVIEW PROCEDURE FOR ITS MS4 AREA WITH THE COOPERATION BETWEEN THE COUNTY’S PLANNING, HIGWAY AND HEALTH DEPARTMENTS.</p>	<p>THE SITE PLAN REVIEW PROCEDURE AND THE COUNTY REQUIREMENTS ARE DESCRIBED IN THE NARRATIVE.</p>
	<p>THERE IS NO OPEN CONSTRUCTION PROJECT ON COUNTY PROPERTIES WHICH WOULD FALL UNDER THE SPDES PERMIT REQUIREMENTS. ACCORDING TO THE ESTABLISHED SITE PLAN REVIEW PROCEDURE, THE SWMS WILL REVIEW THE PLANS TO COMPLY WITH THE SPDES PERMIT REQUIREMENTS.</p>

MIKLOS RUDNAY, CPESC, CPSWQ, THE COUNTY'S STORMWATER MANAGEMENT SPECIALIST (SWMS) REVIEWS THE SITE PLANS FOR EROSION AND SEDIMENT CONTROL AND WATER QUALITY TO PROTECT THE COUNTY'S DRAINAGE SYSTEM.

IN YEAR FIVE 4 CONSTRUCTION SITE PLANS WERE REVIEWED BY SWMS, USING THE ESTABLISHED CONTROL MECHANISM. SWMS WILL CONTINUE TO REVIEW THE SITE PLANS IN 2008.

**Minimum Control Measure 5. Post-Construction Stormwater Management**

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

<p><b>Permit Reference IV.C.5.a, c.</b> (continued): Develop and implement a post-construction stormwater management program that addresses stormwater runoff from new development and redevelopment and will reduce the discharge of pollutants to the MEP. Program requirements should include:</p>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> <li>• Procedures for inspection and maintenance of post-construction management practices.</li> <li>• <i>Explain procedures below. <u>Revise as procedures are updated.</u></i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Example measurable goals are number of: inspections maintenance activities performed.</i></li> </ul>
<p>PROCEDURES FOR THE SITE INSPECTION OF POST-CONSTRUCTION MANAGEMENT PRACTICES HAVE BEEN ESTABLISHED. MIKLOS RUDNAY, CPESC, CPSWQ STORMWATER MANAGEMENT SPECIALIST (SWMS) IS RESPONSIBLE TO REDUCE THE DISCHARGE OF POLLUTANTS TO THE MAXIMUM EXTENT PRACTICABLE.</p>	<p>THE SWMS ALSO PROVIDES TECHNICAL ASSISTANCE FOR THE TOWNS WITHIN THEIR MS4 AREAS AT THE TOWN'S REQUEST.</p>
<p>ALL COUNTY BUILDINGS AND PARKING LOTS WERE INSPECTED IN YEAR 5 FOR EROSION PROBLEMS, POLLUTANT DISCHARGES, AND CLEANLINESS OF THE DRAINAGE SYSTEM.</p>	<p>ANY CONCERNS ARE REPORTED TO THE SWMS FOR REMEDY. ANNUAL INSPECTION WILL CONTINUE IN 2008.</p>
<p>PETROLEUM TANKS ARE INSPECTED ANNUALLY. VISUAL INSPECTION, PNEUMATIC LEAK TEST, AND TRAILER VAPOR-TIGHT TEST IS PERFORMED FOR EACH TANK.</p>	<p>THE ANNUAL INSPECTION IS CONTRACTED OUT TO "AMTHOR INC."</p>
<ul style="list-style-type: none"> <li>• Procedures for enforcement and penalization of violators.</li> <li>• <i>Explain procedures below. <u>Revise as procedures are updated.</u></i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Example measurable goals: number enforcement activities performed.</i></li> </ul>
<p>THE COUNTY DOES NOT HAVE THE AUTHORITY TO ENFORCE OR PENALIZE VIOLATORS.</p>	<p>WE INTEND TO WORK WITH THE MUNICIPALITIES THAT HAVE THE LOCAL LAW AND AUTHORITY FOR ENFORCEMENT.</p>

**Minimum Control Measure 5. Post-Construction Stormwater Management**

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

<p><b>Permit Reference IV.C.5.a, c.</b> (continued): Develop and implement a post-construction stormwater management program that addresses stormwater runoff from new development and redevelopment and will reduce the discharge of pollutants to the MEP. Program requirements should include:</p>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> <li>• Adequate resources for a program to inspect new and re-development sites and for enforcement and penalization of violators.</li> <li>• <i>Describe resources below. Update annually.</i></li> </ul>	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>ULSTER COUNTY ESTABLISHED A NEW POSITION FOR A STORMWATER MANAGEMENT SPECIALIST (SWMS). THIS POSITION REQUIRES THE NECESSARY CREDENTIALS TO INSPECT NEW AND RE-DEVELOPMENT SITES.</p>	<p>THE COUNTY’S SWMS, MIKLOS RUDNAY, CPESC, CPSWQ IS ASSIGNED TO PERFORM THE INSPECTION WORK.</p>
<p>THE COUNTY IS NOT REQUIRED TO ENACT A LOCAL LAW OR ORDINANCES TO REGULATE CONSTRUCTION ACTIVITIES.</p>	<p>WE INTEND TO WORK WITH THE TRADITIONAL LAND USE CONTROL MS4S THAT HAVE LOCAL LAWS.</p>
<p><b>Additional Techniques</b></p>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>THE COUNTY HAS THE HUMAN RESOURCES AND NECESSARY EQUIPMENT TO CORRECT INEFFICIENCIES REPORTED BY SWMS.</p>	
<p><b>Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:</b></p>	

**Minimum Control Measure 6. Pollution Prevention/Good Housekeeping for Municipal Operations**

OVERALL MUNICIPAL POLLUTION PREVENTION / GOOD HOUSEKEEPING PROGRAM INFORMATION

<ul style="list-style-type: none"> <li>• This table is for MS4s to report on their OVERALL Municipal Pollution Prevention / Good Housekeeping Program.</li> <li>• A separate table follows that is for MS4s to report on management practices performed in identified municipal operations.</li> <li>• Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures.</li> <li>• Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.</li> </ul>	
<p><b>Permit Reference IV.C.6.a:</b> Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from municipal operations to the MEP.</p>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> <li>• <i>List pollutants that will be addressed by the municipal pollution prevention program.</i></li> </ul>	
<p>AGGREGATE, BREAK FLUID, COLD PATCH, COOLANT, DIESEL FUEL, GASOLINE, GRAVEL, HYDRAULIC FLUID, LUBRICANTS, MOTOR OIL, PAINT PRODUCTS, SALT-SAND MIX, SEDIMENT, SOLID WASTE, SOLVENTS.</p>	
<ul style="list-style-type: none"> <li>• <i>Set and describe pollution prevention priorities by geographic areas, municipal operation type, and facilities.</i></li> </ul>	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>DPW KINGSTON HIGHWAY GARAGE IS THE MUNICIPAL FACILITY WHERE MOST OF THE POLLUTANTS OF CONCERN ARE LOCATED: STOCKPILES OF AGGREGATE, COLD PATCH, GRAVEL, AND SAND. MECHANIC SHOP IS USING BREAK FLUID, COOLANT, HYDRAULIC FLUID, LUBRICANTS, AND MOTOR OIL. DIESEL FUEL, GASOLINE, AND SOLID WASTE.</p>	<p>ULSTER COUNTY DEVELOPED A POLLUTION PREVENTION PLAN (PPP) FOR THE KINGSTON HIGHWAY GARAGE. THIS PPP ADDRESSES THE HANDLING AND STORAGE OF THE LISTED POLLUTANTS.</p>
<p>DPW HIGHLAND GARAGE: THIS GARAGE WAS CLOSED IN DECEMBER, 2007. IT IS USED AS A COVERED STORAGE FACILITY.</p>	
<p>ULSTER COUNTY AREA TRANSPORTATION AND CENTRAL AUTO: BREAK FLUID, COOLANT, HYDRAULIC FLUID, LUBRICANTS, MOTOR OIL, SOLID WASTE.</p>	<p>FOR DETAILS SEE “VEHICLE AND FLEET MAINTENANCE”</p>
<p>COUNTY ROADS AND PARKING LOTS, DRAINAGE SYSTEM: SALT-SAND MIX, SEDIMENT, LITTER</p>	<p>FOR DETAILS SEE “STREET AND BRIDGE MAINTENANCE” AND “STORM SYSTEM MAINTENANCE”.</p>
<p>COUNTY BUILDINGS: PAINT PRODUCTS, SOLID WASTE, SOLVENTS.</p>	<p>FOR DETAILS SEE “MUNICIPAL BUILDING MAINTENANCE”.</p>
<p><b>Permit Reference IV.C.6.a:</b> Include a municipal pollution prevention training component for staff (where all staff are trained).</p> <ul style="list-style-type: none"> <li>• <i>Explain activities and materials used to meet this requirement.</i></li> <li>• <i>Identify training needs and design training components</i></li> <li>• <i>Determine the adequacy and appropriate frequency of staff training.</i></li> <li>• <i>Identify personnel or outside organization conducting activities.</i></li> </ul>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>THE COUNTY PURCHASED 3 SETS OF EMPLOYEE TRAINING</p>	<p>THIS TRAINING MATERIAL, NAMED “MUNICIPAL</p>

<p>MATERIAL FOR POLLUTION PREVENTION/GOOD HOUSEKEEPING.</p>	<p>STORMWATER POLLUTION PREVENTION/STORMWATCH – EVERYDAY BEST MANAGEMENT PRACTICES”, INCLUDES A DVD AND AN EMPLOYEE QUIZ. THIS MATERIAL WAS AVAILABLE FOR OTHER MS4, AS WELL.</p>
<p>POLLUTION PREVENTION/GOOD HOUSEKEEPING TRAINING FOR 186 COUNTY EMPLOYEES WAS CONDUCTED BY THE COUNTY’S STORMWATER MANAGEMENT SPECIALIST (SWMS), MIKLOS RUDNAY, CPESC, CPSWQ FOR THE DEPARTMENTS OF HIGHWAYS AND BRIDGES, BUILDINGS AND GROUNDS, ULSTER COUNTY AREA TRANSPORTATION, AND CENTRAL AUTO GARAGE.</p>	<p>BY THE END OF YEAR 5 A TOTAL OF 233 COUNTY EMPLOYEES RECEIVED POLLUTION PREVENTION/GOOD HOUSEKEEPING TRAINING. THE FREQUENCY OF STAFF TRAINING WILL BE EVERY THREE YEARS. TRAINING OF NEW EMPLOYEES IN POLLUTION PREVENTION/GOOD HOUSEKEEPING WILL OCCUR YEARLY.</p>
<p>ULSTER COUNTY SWMS GAVE EMPLOYEE TRAINING FOR 11 EMPLOYEES IN THE TOWN OF PLATTEKILL HIGHWAY GARAGE.</p>	<p>SWMS WILL CONDUCT POLLUTION PREVENTION/GOOD HOUSEKEEPING TRAINING FOR MS4 MUNICIPALITIES ON REQUEST IN 2008.</p>
<p><b>Additional Techniques</b></p>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>TRAINING MATERIAL WAS BORROWED FROM THE COUNTY’S STORMWATER LIBRARY BY CITY OF KINGSTON, VILLAGE AND TOWN OF SAUGERTIES, AND TOWN OF ROSENDALE. THE TRAINING WAS CONDUCTED BY THESE MUNICIPALITES.</p>	<p>THE TRAINING MATERIAL WILL BE AVAILABLE FOR THE MS4 MUNICIPALITIES WITHIN ULSTER COUNTY AS NEEDED.</p>
<p><b>Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:</b></p>	

**Minimum Control Measure 6. Municipal Operations:** X Street and Bridge Maintenance; X Winter Road Maintenance; \_\_\_ Stormwater System Maintenance; \_\_\_ Vehicle and Fleet Maintenance; \_\_\_ Park and Open Space Maintenance; \_\_\_ Municipal Building Maintenance; \_\_\_ Solid Waste Management; \_\_\_ Other: \_\_\_\_\_

<ul style="list-style-type: none"> <li>• Copy this page and give it to each municipal office or department responsible for reporting.</li> <li>• Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department.</li> <li>• Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures.</li> <li>• Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.</li> </ul>	
<p><b>Permit Reference IV.C.6.a, c:</b> Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from the municipal operation(s) indicated above to the MEP.</p> <ul style="list-style-type: none"> <li>• Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities.</li> </ul>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> <li>• Briefly describe or reference any existing policies and procedures</li> <li>• Briefly describe or reference any policies and procedures being developed</li> </ul>	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>SEDIMENT CONTROL AT THE BRIDGE CONSTRUCTION SITES: ALL THE EMBANKMENTS HAVE TO BE STABILIZED BY SEEDING, HYDROSEEDING, OR BY RIPRAP. ON 2 BRIDGE SITES WE USED HAY BALE SEDIMENT TRAPS WITH FILTER FABRIC LINING TO PREVENT POLLUTANTS ENTERING THE WATERWAYS.</p>	<p>THE EMBANKMENTS ON 3 BRIDGE CONSTRUCTION SITES WERE STABILIZED BY SEEDING, 1 SITE BY HYDRO-SEEDING, AND 2 SITES BY RIPRAP (STEEP SLOPES) IN YEAR 5.</p>
<p>DUST CONTROL: THE COUNTY IS USING WATER TRUCKS DURING THE ROAD AND PARKING LOT RECLAMATION OPERATION. ROAD SWEEPER OPERATES WITH WATER TO REDUCE AND CONTROL DUST.</p>	<p>PROCEDURE WILL BE CONTINUED IN 2008.</p>
<ul style="list-style-type: none"> <li>• Briefly describe or reference any existing best management practices</li> <li>• Briefly describe or reference any planned best management practices</li> </ul>	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>ROAD AND PARKING LOT SWEEPING SCHEDULE HAS BEEN DEVELOPED FOR 2008.</p>	<p>ALL ROADS AND PARKING LOTS WILL BE CLEANED AT LEAST ONCE A YEAR.</p>
<p>IN THE KINGSTON HIGHWAY GARAGE (QUARRY) THE SAND-SALT MIXTURE FOR WINTER ROAD MAINTENANCE IS UNDER COVER.</p>	<p>PROPOSED NEW DRAINAGE SYSTEM FOR THE QUARRY WILL HAVE A SERIES OF CATCH BASINS WITH SUMPS AND A VORTECHS UNIT TO CATCH THE SEDIMENTS FROM THE STOCK PILES, INCLUDING THE SAND-SALT MIXTURE ORIGINATING FROM LOADING OPERATION.</p>
<p>THE BRIDGE CREW BUILDS TEMPORARY PLATFORM ON THOSE CONSTRUCTION SITES WHERE THE BRIDGE DECK HAS TO BE REMOVED TO AVOID DEBRIS FALLING INTO THE STREAM.</p>	<p>TWO TEMPORARY PLATFORMS WERE BUILT IN YEAR 5. IN 2008 FOUR PLETFORMS WILL BE BUILT ON BRIDGE CONSTRUCTION SITES.</p>
<ul style="list-style-type: none"> <li>• Identify and describe the equipment and staff that are in place</li> </ul>	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>

THE COUNTY PURCHASED A NEW MOUNTABLE HYDROSEEDER.  
VACALL (SWEEPS AND VACUUMS WITH WATER). 2 WATER TRUCKS  
(DUST CONTROL).

HYDROSEEDER: 4 EMPLOYEES WERE TRAINED IN 2006.  
THESE EMPLOYEES WILL BE TRAINED IN 2008 TO  
OPERATE THE NEWLY PURCHASED EQUIPMENT.  
VACALL: 2 EMPLOYEES ARE QUALIFIED TO OPERATE  
THIS EQUIPMENT.

**Minimum Control Measure 6. Municipal Operations:**  X  Street and Bridge Maintenance;  X  Winter Road Maintenance;   Stormwater System Maintenance;   Vehicle and Fleet Maintenance;   Park and Open Space Maintenance;   Municipal Building Maintenance;   Solid Waste Management;   Other: \_\_\_\_\_

<ul style="list-style-type: none"> <li>• Copy this page and give it to each municipal office or department responsible for reporting.</li> <li>• Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department.</li> <li>• Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures.</li> <li>• Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.</li> </ul>	
<p><b>Permit Reference IV.C.6.a, c</b> (continued): Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from municipal operations to the MEP.</p>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> <li>• <i>Assess if existing programs adequately reduce and/or prevent pollutant discharges</i></li> <li>• <i>Determine and list any operation type, location or facility that is in need of modification or updates.</i></li> </ul>	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>HYDROSEEDING WILL REPLACE HAND SEEDEING ON MOST OF THE BRIDGE AND OTHER CONSTRUCTION SITES.</p>	<p>A MOUNTABLE HYDROSEEDER WAS PURCHASED IN 2007. IT WILL BE ACCESSIBLE ON CONSTRUCTION SITES IN 2008.</p>
<p><b>Permit Reference IV.C.6.a:</b> If there is a training component for staff specific to these municipal operations:</p> <ul style="list-style-type: none"> <li>• <i>explain the activities and materials;</i></li> <li>• <i>identify the personnel or outside organization conducting the activities.</i></li> </ul>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>GOOD HOUSEKEEPING TRAINING WAS CONDUCTED BY THE COUNTY'S STORMWATER MANAGEMENT SPECIALIST (SWMS), MIKLOS RUDNAY, CPESC, CPSWQ FOR DEPARTMENT OF PUBLIC WORKS. 85 HIGHWAY EMPLOYEES WERE TRAINED USING "MUNICIPAL STORMWATER POLLUTION PREVENTION/STORM WATCH - EVERYDAY BEST MANAGEMENT PRACTICES" TRAINING MATERIAL.</p>	<p>THE FREQUENCY OF STAFF TRAINING WILL BE EVERY THREE YEARS. TRAINING OF NEW EMPLOYEES IN POLLUTION PREVENTION/GOOD HOUSEKEEPING WILL OCCUR YEARLY.</p>
<p><b>Additional Techniques</b></p>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p><b>Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:</b> THE CONSTRUCTION OF A NEW DRAINAGE SYSTEM IN THE KINGSTON HIGHWAY GARAGE (QUARRY) IS UNDERWAY. THIS PROJECT WAS DESIGNED TO REDUCE THE DISCHARGE OF POLLUTANTS TO THE MEP.</p>	

**Minimum Control Measure 6. Municipal Operations:** \_\_\_ Street and Bridge Maintenance; \_\_\_ Winter Road Maintenance;  
\_\_\_ X Stormwater System Maintenance; \_\_\_ Vehicle and Fleet Maintenance; \_\_\_ Park and Open Space Maintenance; \_\_\_ Municipal Building Maintenance;  
\_\_\_ Solid Waste Management; \_\_\_ Other: \_\_\_\_\_

- Copy this page and give it to each municipal office or department responsible for reporting.
- Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department.
- Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures.
- Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

<b>Permit Reference IV.C.6.a, c:</b> Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from <b>the municipal operation(s) indicated above</b> to the MEP. <ul style="list-style-type: none"> <li>• Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities.</li> </ul>	<b>Describe Measurable Goals and Results</b> (when applicable) <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
<ul style="list-style-type: none"> <li>• Briefly describe or reference any existing policies and procedures</li> <li>• Briefly describe or reference any policies and procedures being developed</li> </ul>	DO NOT ENTER INFORMATION IN THIS CELL
ULSTER COUNTY ENACTED AN IDDE LAW THAT PROHIBITS ILLICIT DISCHARGES TO THE COUNTY DRAINAGE SYSTEM.	MIKLOS RUDNAY STORMWATER MANAGEMENT OFFICER IS ASSIGNED TO IMPLEMENT AND ENFORCE THIS LOCAL LAW.
A WRITTEN CATCH BASIN CLEANING SCHEDULE WAS DEVELOPED.	ALL THE CATCH BASINS WILL BE CHECKED AND CLEANED BY THE END OF 2008.
<ul style="list-style-type: none"> <li>• Briefly describe or reference any existing best management practices</li> <li>• Briefly describe or reference any planned best management practices</li> </ul>	DO NOT ENTER INFORMATION IN THIS CELL
ALL THE CATCH BASINS (195) WERE CHECKED AND CLEANED AT THE COUNTY OWNED BUILDINGS AND PARKING LOTS WITHIN THE MS4 AREA IN YEAR 5. 40 ADDITIONAL CATCH BASINS WERE CLEANED ON COUNTY ROADS.	235 CATCH BASINS WERE CLEANED IN YEAR 5. THESE CATCHBASINS WILL BE INSPECTED AND AN ADDITIONAL 409 CATCH BASINS WILL BE CHECKED AND CLEANED ALONG THE COUNTY ROADS IN 2008.
DISPOSAL OF THE SPOIL MATERIAL: THE SPOILS FROM THE CATCH BASIN CLEANING IS DEWATERED AT THE ACCORD SUBSTATION, OUTSIDE THE MS4 AREA ON A CONCRETE SLAB. THE LIQUID OF THE SPOILS DISCHARGE TO THE SANITARY SEWER.	THE DEWATERED SPOILS WILL BE REUSED AS BACKFILL ON LOCATIONS WHERE THE MATERIAL IS NOT EXPOSED TO STORMWATER.
<ul style="list-style-type: none"> <li>• Identify and describe the equipment and staff that are in place</li> </ul>	DO NOT ENTER INFORMATION IN THIS CELL
THE COUNTY PURCHASED A NEW MOUNTABLE HYDROSEEDER. AND A GAPVAX TRUCK (CLEANS CATCH BASINS, CULVERTS AND PIPES. USES HIGH PRESSURE WATER AND A VACUUM SYSTEM TO PICK UP LITTER).	HYDROSEEDER WILL BE USED ON DITCH CLEANING SITES. THE COUNTY IS USING THE GAPVAX TRUCK TO CLEAN CATCH BASINS, CULVERTS AND PIPES.

**Minimum Control Measure 6. Municipal Operations:** \_\_\_ Street and Bridge Maintenance; \_\_\_ Winter Road Maintenance;

Municipality: Ulster County

Permit Number: NYR20A367

Stormwater System Maintenance; \_\_\_ Vehicle and Fleet Maintenance; \_\_\_ Park and Open Space Maintenance; \_\_\_ Municipal Building Maintenance; \_\_\_ Solid Waste Management; \_\_\_ Other: \_\_\_\_\_

<ul style="list-style-type: none"> <li>• Copy this page and give it to each municipal office or department responsible for reporting.</li> <li>• Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department.</li> <li>• Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures.</li> <li>• Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.</li> </ul>	
<p><b>Permit Reference IV.C.6.a, c</b> (continued): Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from municipal operations to the MEP.</p>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> <li>• <i>Assess if existing programs adequately reduce and/or prevent pollutant discharges</i></li> <li>• <i>Determine and list any operation type, location or facility that is in need of modification or updates.</i></li> </ul>	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>PROPOSED NEW DRAINAGE SYSTEM IN THE KINGSTON HIGHWAY GARAGE (QUARRY) MUST BE COMPLETED TO REDUCE THE POLLUTANTS FROM THE FACILITY TO THE MEP.</p>	<p>CONSTRUCTION IS UNDERWAY AND IT WILL BE FINISHED IN 2008.</p>
<p>OVERALL THE COUNTY'S STORMWATER SYSTEM MAINTENANCE APPEARS TO BE ADEQUATE HAVING THE CATCH BASIN CLEANING SCHEDULE, TRAINED MANPOWER, AND THE PROPER EQUIPMENT.</p>	<p>THE CATCH BASIN AND DRAINAGE SYSTEM CLEANING IS AN ONGOING TASK. ALL THE CATCH BASINS WILL BE CLEANED BY THE END OF 2008.</p>
<p><b>Permit Reference IV.C.6.a:</b> If there is a training component for staff specific to these municipal operations:</p> <ul style="list-style-type: none"> <li>• <i>explain the activities and materials;</i></li> <li>• <i>identify the personnel or outside organization conducting the activities.</i></li> </ul>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>GOOD HOUSEKEEPING TRAINING WAS CONDUCTED BY THE COUNTY'S STORMWATER MANAGEMENT SPECIALIST (SWMS), MIKLOS RUDNAY, CPESC, CPSWQ FOR THE DEPARTMENT OF HIGHWAYS AND BRIDGES. 85 EMPLOYEES WERE TRAINED USING "MUNICIPAL STORMWATER POLLUTION PREVENTION/STORM WATCH - EVERYDAY BEST MANAGEMENT PRACTICES" TRAINING MATERIAL. THIS TRAINING MATERIAL INCLUDES CATCH BASIN AND DRAINAGE SYSTEM MAINTENANCE.</p>	<p>THE FREQUENCY OF STAFF TRAINING WILL BE EVERY THREE YEARS. TRAINING OF NEW EMPLOYEES IN POLLUTION PREVENTION/GOOD HOUSEKEEPING WILL OCCUR YEARLY.</p>
<p><b>Additional Techniques</b></p>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p><b>Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:</b></p>	

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**Minimum Control Measure 6. Municipal Operations:** \_\_\_ Street and Bridge Maintenance; \_\_\_ Winter Road Maintenance; \_\_\_ Stormwater System Maintenance; **X** Vehicle and Fleet Maintenance; \_\_\_ Park and Open Space Maintenance; \_\_\_ Municipal Building Maintenance; \_\_\_ Solid Waste Management; \_\_\_ Other: \_\_\_\_\_

<ul style="list-style-type: none"> <li>• Copy this page and give it to each municipal office or department responsible for reporting.</li> <li>• Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department.</li> <li>• Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures.</li> <li>• Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.</li> </ul>	
<p><b>Permit Reference IV.C.6.a, c:</b> Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from <b>the municipal operation(s) indicated above</b> to the MEP.</p> <ul style="list-style-type: none"> <li>• Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities.</li> </ul>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> <li>• Briefly describe or reference any existing policies and procedures</li> <li>• Briefly describe or reference any policies and procedures being developed</li> </ul>	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>RECYCLING OF WASTE OIL AND CRUSHED FILTERS WAS IN EFFECT IN YEAR 5.</p>	<p>RECYCLING PROGRAM CONTINUES IN 2008. TRI-STATE RECYCLING REMOVES THE WASTE OIL AND CRUSHED FILTERS ON REQUEST.</p>
<p>OIL CHANGE AND TRANSMISSION SERVICE IS UNDER ROOF IN DESIGNATED AREAS.</p>	<p>OIL SERVICE AND LUBRICATION: CARS AND TRUCKS EVERY 3,000 MILES; LARGER TRUCKS AND EQUIPMENT 5,000 MILES OR 250 HOURS. TRANSMISSION SERVICE IS EVERY 30,000 MILES. NEW YORK STATE INSPECTION: ONCE A YEAR FOR ALL VEHICLES.</p>
<ul style="list-style-type: none"> <li>• Briefly describe or reference any existing best management practices</li> <li>• Briefly describe or reference any planned best management practices</li> </ul>	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>SPILL KITS AND CHEM-OIL-AWAY WERE DISTRIBUTED TO BUILDINGS AND GROUNDS AND WERE REPLACED AS NEEDED.</p>	<p>TWELVE 40 LBS BAGS OF CHEM-OIL-AWAY POWDER ABSORBENT WERE PURCHED IN YEAR 5.</p>
<p>MOST OF THE 55 GALLON ENGINE OIL DRUMS WERE REPLACED BY ONE 500 GALLON BULK TANK. THE TANK AND ALL THE OIL DRUMS CONTAINING OIL ARE UNDER ROOF.</p>	<p>SOME 55 GALLON ENGINE OIL DRUMS ARE STILL AVAILABLE FOR DISTRIBUTION TO SUBSTATIONS. THE USED DRUMS ARE NOT UNDER ROOF. WE PLAN TO BUILD A COVERED AREA FOR THESE DRUMS IN 2008.</p>
<ul style="list-style-type: none"> <li>• Identify and describe the equipment and staff that are in place</li> </ul>	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>FILTER CRUSHER, WASTE OIL DRUMS, SPILL KITS, DRAIN PANS, SPILL CONTAINER, OIL ABSORBENT PADS.</p>	

**Minimum Control Measure 6. Municipal Operations:** \_\_\_Street and Bridge Maintenance; \_\_\_Winter Road Maintenance; \_\_\_Stormwater System Maintenance; **X** Vehicle and Fleet Maintenance; \_\_\_Park and Open Space Maintenance; \_\_\_Municipal Building Maintenance; \_\_\_Solid Waste Management; \_\_\_Other: \_\_\_\_\_

<ul style="list-style-type: none"> <li>• Copy this page and give it to each municipal office or department responsible for reporting.</li> <li>• Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department.</li> <li>• Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures.</li> <li>• Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.</li> </ul>	
<p><b>Permit Reference IV.C.6.a, c</b> (continued): Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from municipal operations to the MEP.</p>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> <li>• <i>Assess if existing programs adequately reduce and/or prevent pollutant discharges</i></li> <li>• <i>Determine and list any operation type, location or facility that is in need of modification or updates.</i></li> </ul>	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>KINGSTON HIGHWAY GARAGE (QUARRY): POLLUTION PREVENTION PLAN IS IN PLACE.</p>	<p>THE CONSTRUCTION OF A NEW DRAINAGE SYSTEM IS UNDERWAY. THE PROPOSED VORTECHS UNIT, WHICH WILL BE PLACED AT THE OUTFALL OF THE FACILITY, WILL TRAP OIL, GREASE AND TRASH.</p>
<p>ULSTER COUNTY AREA TRANSIT (UCAT): EXISTING PROGRAM ADEQUATELY REDUCE /PREVENT POLLUTANT DISCHARGES.</p>	<p>FACILITY WAS DESIGNED AND IT IS MAINTAINED TO MS4 STANDARDS.</p>
<p>CENTRAL AUTO: OPERATION IS INDOOR ONLY.</p>	<p>SOME VEHICLES ARE PARKING OUTSIDE.</p>
<p>VEHICLE PARTS WASHER. USED SOLVENTS ARE ENVIRONMENTALLY UNFRIENDLY.</p>	<p>THE COUNTY PLANS TO PURCHASE A "BIO-CIRCLE L" BIOREMEDIANT CLEANER/DEGREASER PARTS CLEANING SYSTEM IN 2008.</p>
<p><b>Permit Reference IV.C.6.a:</b> If there is a training component for staff specific to these municipal operations:</p> <ul style="list-style-type: none"> <li>• <i>explain the activities and materials;</i></li> <li>• <i>identify the personnel or outside organization conducting the activities.</i></li> </ul>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>GOOD HOUSEKEEPING TRAINING WAS CONDUCTED BY THE COUNTY'S STORMWATER MANAGEMENT SPECIALIST (SWMS), MIKLOS RUDNAY, CPESC, CPSWQ FOR THE MECHANICS AT QUARRY, CENTRAL AUTO AND UCAT. 41 EMPLOYEES WERE TRAINED USING "MUNICIPAL STORMWATER POLLUTION PREVENTION/STORM WATCH - EVERYDAY BEST MANAGEMENT PRACTICES" TRAINING MATERIAL. THIS TRAINING MATERIAL INCLUDES: 1. SPILL PREVENTION, 2. VEHICLE AND EQUIPMENT WASHING AND MAINTENANCE, 3. SPILL REPORTING AND</p>	<p>THE FREQUENCY OF STAFF TRAINING WILL BE EVERY THREE YEARS. TRAINING OF NEW EMPLOYEES IN POLLUTION PREVENTION/GOOD HOUSEKEEPING WILL OCCUR YEARLY.</p>

<b>RESPONSE, 4. OUTDOOR STORAGE OF MATERIALS AND WASTES.</b>	
<b>Additional Techniques</b>	<b>Describe Measurable Goals and Results</b> (when applicable) <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
BATTERY RECYCLING PROGRAM	CONTRACT WITH "EXIDE".
TIRE RECYCLING PROGRAM	CONTRACT WITH "DON STEVENS".
PARTS CLEANER RECYCLING PROGRAM	CONTRACT WITH "SAFETY KLEEN". TO BE REPLACED WITH "BIO-CIRCLE L" CLEANER IN 2008.
SPILL REPORTING INSTRUCTIONS WERE POSTED IN THE GARAGES AND THE FUELING STATIONS.	THE INSTRUCTION STATES: IN THE CASE OF A SPILL "NOTIFY YOUR SUPERVISOR".
AUCTION OF USED VEHICLES.	30 USED VEHICLES AND EQUIPMENT WERE SOLD IN OCTOBER 2007. AUCTION OCCURS ANNUALLY.
<b>Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:</b>	

**Minimum Control Measure 6. Municipal Operations:** \_\_\_ Street and Bridge Maintenance; \_\_\_ Winter Road Maintenance; \_\_\_ Stormwater System Maintenance; \_\_\_ Vehicle and Fleet Maintenance; **X** Park and Open Space Maintenance; **X** Municipal Building Maintenance; \_\_\_ Solid Waste Management; \_\_\_ Other: \_\_\_\_\_

<ul style="list-style-type: none"> <li>• Copy this page and give it to each municipal office or department responsible for reporting.</li> <li>• Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department.</li> <li>• Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures.</li> <li>• Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.</li> </ul>	
<p><b>Permit Reference IV.C.6.a, c:</b> Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from <b>the municipal operation(s) indicated above</b> to the MEP.</p> <ul style="list-style-type: none"> <li>• Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities.</li> </ul>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> <li>• Briefly describe or reference any existing policies and procedures</li> <li>• Briefly describe or reference any policies and procedures being developed</li> </ul>	<p><b>DO NOT ENTER INFORMATION IN THIS CELL</b></p>
<p>VEHICLES CAN BE WASHED AND CLEANED ONLY IN A COMMERCIAL CAR WASH FACILITY OR IN THE KINGSTON HIGHWAY GARAGE (QUARRY)</p>	<p>THE KINGSTON HIGHWAY GARAGE WASH BAY IS UNDER CONSTRUCTION. THE WASH BAY WILL BE AVAILABLE IN THE NEAR FUTURE.</p>
<p>LOCAL LAW NUMBER 5 OF 2006 IS IN EFFECT: "COUNTYWIDE NOTIFICATION REQUIREMENTS FOR COMMERCIAL AND RESIDENTIAL LAWN PESTICIDE APPLICATION".</p>	<p>APPLICATION IS BY "PESTMASTER" UNTIL COUNTY IS CERTIFIED TO USE FERTELIZERS AND PESTICIDES.</p>
<ul style="list-style-type: none"> <li>• Briefly describe or reference any existing best management practices</li> <li>• Briefly describe or reference any planned best management practices</li> </ul>	<p><b>DO NOT ENTER INFORMATION IN THIS CELL</b></p>
<p>ALL THE CATCH BASINS WERE CLEANED AND THE SUMP DEPTHS WERE MEASURED.</p>	<p>CATCH BASINS WILL BE INSPECTED YEARLY AND CLEANED OF GRIT AND DEBRIS WHEN THE SUMPS ARE 50% FULL.</p>
<p>CHEMICALS ARE STORED IN CONTAINERS, INSIDE THE BUILDINGS AND STORAGE SHEDS ON CONCRETE FLOOR.</p>	<p>JANITORS' CLEANING AGENTS WILL BE GREEN CLEAN (CHEMICAL FREE). BID IS OUT FOR GREEN CLEAN AGENTS.</p>
<p>ULSTER COUNTY SAFETY OFFICE CONDUCT YEARLY CHEMICAL INVENTORY.</p>	<p>MATERIAL SAFETY DATA SHEETS (MSDS) ARE POSTED ON THE STORAGE SITES AND THEY ARE UPDATED REGULARILY.</p>
<ul style="list-style-type: none"> <li>• Identify and describe the equipment and staff that are in place</li> </ul>	<p><b>DO NOT ENTER INFORMATION IN THIS CELL</b></p>
<p>3 EMPLOYEES WILL BE CERTIFIED IN APRIL 2008 FOR PROPER FER-TILIZER AND PESTICIDE STORAGE, USAGE, AND ACCOUNTABILITY.</p>	<p>3 MORE EMPLOYEES WILL BE CERTIFIED LATER IN 2008.</p>

**Minimum Control Measure 6. Municipal Operations:** \_\_\_ Street and Bridge Maintenance; \_\_\_ Winter Road Maintenance; \_\_\_ Stormwater System Maintenance; \_\_\_ Vehicle and Fleet Maintenance; **X** Park and Open Space Maintenance; **X** Municipal Building Maintenance; \_\_\_ Solid Waste Management; \_\_\_ Other: \_\_\_\_\_

<ul style="list-style-type: none"> <li>• Copy this page and give it to each municipal office or department responsible for reporting.</li> <li>• Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department.</li> <li>• Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures.</li> <li>• Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.</li> </ul>	
<p><b>Permit Reference IV.C.6.a, c</b> (continued): Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from municipal operations to the MEP.</p>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> <li>• <i>Assess if existing programs adequately reduce and/or prevent pollutant discharges</i></li> <li>• <i>Determine and list any operation type, location or facility that is in need of modification or updates.</i></li> </ul>	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>IT APPEARS THAT OVERALL THE COUNTY'S PARK AND OPEN SPACE, AND MUNICIPAL MAINTENANCE PROGRAMS ADEQUATELY REDUCE AND PREVENT POLLUTANT DISCHARGES FROM MUNICIPAL OPERATIONS TO THE MEP.</p>	
<p><b>Permit Reference IV.C.6.a:</b> If there is a training component for staff specific to these municipal operations:</p> <ul style="list-style-type: none"> <li>• <i>explain the activities and materials;</i></li> <li>• <i>identify the personnel or outside organization conducting the activities.</i></li> </ul>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>GOOD HOUSEKEEPING TRAINING WAS CONDUCTED BY THE COUNTY'S STORMWATER MANAGEMENT SPECIALIST (SWMS), MIKLOS RUDNAY, CPESC, CPSWQ FOR DEPARTMENT OF BUILDINGS AND GROUNDS. 54 EMPLOYEES WERE TRAINED USING "MUNICIPAL STORMWATER POLLUTION PREVENTION/STORM WATCH - EVERYDAY BEST MANAGEMENT PRACTICES" TRAINING MATERIAL. THIS TRAINING INCLUDES: 1. MATERIAL STORAGE AND HANDLING, AND 2. LANDSCAPING &amp; LAWN CARE.</p>	<p>THE FREQUENCY OF STAFF TRAINING WILL BE EVERY THREE YEARS. TRAINING OF NEW EMPLOYEES IN POLLUTION PREVENTION/GOOD HOUSEKEEPING WILL OCCUR YEARLY.</p>
<p>CHEMICAL HANDLING TRAINING IS CONDUCTED YEARLY BY ULSTER COUNTY SAFETY OFFICE.</p>	
<p><b>Additional Techniques</b></p>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>SPILL KITS WERE DISTRIBUTED TO ULSTER COUNTY JAIL, LAW ENFORCEMENT CENTER, HEALTH DEPARTMENT, OFFICE COMPLEX,</p>	

AND DEVELOPMENT COURT.	
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<b>Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:</b>
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**Minimum Control Measure 6. Municipal Operations:** \_\_\_ Street and Bridge Maintenance; \_\_\_ Winter Road Maintenance; \_\_\_ Stormwater System Maintenance; \_\_\_ Vehicle and Fleet Maintenance; \_\_\_ Park and Open Space Maintenance; \_\_\_ Municipal Building Maintenance;  Solid Waste Management; \_\_\_ Other: \_\_\_\_\_

<ul style="list-style-type: none"> <li>• Copy this page and give it to each municipal office or department responsible for reporting.</li> <li>• Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department.</li> <li>• Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures.</li> <li>• Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.</li> </ul>	
<p><b>Permit Reference IV.C.6.a, c:</b> Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from <b>the municipal operation(s) indicated above</b> to the MEP.</p> <ul style="list-style-type: none"> <li>• Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities.</li> </ul>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> <li>• Briefly describe or reference any existing policies and procedures</li> <li>• Briefly describe or reference any policies and procedures being developed</li> </ul>	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>ULSTER COUNTY HAS A GARBAGE PICK-UP CONTRACT. TRASH IS PICKED UP WEEKLY.</p>	<p>CONTRACT WITH "ROYAL CARTING SERVICE CO".</p>
<p>ONE 40 CY ALL PURPOSE DUMPSTER IN THE KINGSTON HIGHWAY GARAGE (QUARRY) IS PICKED UP AND REPLACED ON THE COUNTY'S REQUEST.</p>	<p>CONTRACT WITH "ROYAL CARTING SERVICE CO".</p>
<p>THE COUNTY HAS A CONTRACT TO RECYCLE OFFICE PAPER, WASTE MAIL &amp; MAGAZINES, NEWSPAPERS AND CARDBOARDS.</p>	<p>CONTRACT WITH "ROYAL CARTING SERVICE CO".</p>
<ul style="list-style-type: none"> <li>• Briefly describe or reference any existing best management practices</li> <li>• Briefly describe or reference any planned best management practices</li> </ul>	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>METAL RECYCLING</p>	<p>CONTRACT WITH "MILLENS STEEL".</p>
<p>LIGHT BULBS ARE RECYCLED</p>	<p>CONTRACT WITH SUPPLIER (GRAINGER) TO RECYCLE</p>
<ul style="list-style-type: none"> <li>• Identify and describe the equipment and staff that are in place</li> </ul>	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>ALL THE TRASH CONTAINERS ARE COVERED, EXCEPT THE ONE 40 CY DUMPSTER IN THE (QUARRY).</p>	<p>ULSTER COUNTY PUBLIC WORKS PLANS TO PLACE THIS TRASH CONTAINER UNDER COVER IN 2008.</p>

**Minimum Control Measure 6. Municipal Operations:** \_\_\_ Street and Bridge Maintenance; \_\_\_ Winter Road Maintenance; \_\_\_ Stormwater System Maintenance; \_\_\_ Vehicle and Fleet Maintenance; \_\_\_ Park and Open Space Maintenance; \_\_\_ Municipal Building Maintenance; X Solid Waste Management; \_\_\_ Other: \_\_\_\_\_

<ul style="list-style-type: none"> <li>• Copy this page and give it to each municipal office or department responsible for reporting.</li> <li>• Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department.</li> <li>• Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures.</li> <li>• Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.</li> </ul>	
<p><b>Permit Reference IV.C.6.a, c</b> (continued): Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from municipal operations to the MEP.</p>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> <li>• <i>Assess if existing programs adequately reduce and/or prevent pollutant discharges</i></li> <li>• <i>Determine and list any operation type, location or facility that is in need of modification or updates.</i></li> </ul>	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>ULSTER COUNTY HAS A COMPREHENSIVE WASTE MANAGEMENT PROGRAM.</p>	<p>ULSTER COUNTY PUBLIC WORKS PLANS TO PLACE ITS 40 CY TRASH CONTAINER UNDER COVER IN 2008.</p>
<p><b>Permit Reference IV.C.6.a:</b> If there is a training component for staff specific to these municipal operations:</p> <ul style="list-style-type: none"> <li>• <i>explain the activities and materials;</i></li> <li>• <i>identify the personnel or outside organization conducting the activities.</i></li> </ul>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>GOOD HOUSEKEEPING TRAINING WAS CONDUCTED BY THE COUNTY'S STORMWATER MANAGEMENT SPECIALIST (SWMS), MIKLOS RUDNAY, CPESC, CPSWQ FOR DPW, UCAT AND CENTRAL AUTO STAFF. 186 EMPLOYEES WERE TRAINED USING "MUNICIPAL STORMWATER POLLUTION PREVENTION/STORM WATCH - EVERYDAY BEST MANAGEMENT PRACTICES" TRAINING MATERIAL. THIS TRAINING INCLUDES "OUTDOOR STORAGE OF MATERIALS AND WASTES".</p>	<p>THE FREQUENCY OF STAFF TRAINING WILL BE EVERY THREE YEARS. TRAINING OF NEW EMPLOYEES IN POLLUTION PREVENTION/GOOD HOUSEKEEPING WILL OCCUR YEARLY.</p>
<p><b>Additional Techniques</b></p>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p><b>Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:</b></p>	

**Minimum Control Measure 6. Municipal Operations:** \_\_\_ Street and Bridge Maintenance; \_\_\_ Winter Road Maintenance; \_\_\_ Stormwater System Maintenance; \_\_\_ Vehicle and Fleet Maintenance; \_\_\_ Park and Open Space Maintenance; \_\_\_ Municipal Building Maintenance; \_\_\_ Solid Waste Management; **X** Other: Stream Stabilization and Hydrologic Habitat Modification

<ul style="list-style-type: none"> <li>• Copy this page and give it to each municipal office or department responsible for reporting.</li> <li>• Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department.</li> <li>• Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures.</li> <li>• Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.</li> </ul>	
<p><b>Permit Reference IV.C.6.a, c:</b> Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from <b>the municipal operation(s) indicated above</b> to the MEP.</p> <ul style="list-style-type: none"> <li>• Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities.</li> </ul>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> <li>• Briefly describe or reference any existing policies and procedures</li> <li>• Briefly describe or reference any policies and procedures being developed</li> </ul>	DO NOT ENTER INFORMATION IN THIS CELL
<ul style="list-style-type: none"> <li>• Briefly describe or reference any existing best management practices</li> <li>• Briefly describe or reference any planned best management practices</li> </ul>	DO NOT ENTER INFORMATION IN THIS CELL
<p>THROUGH PROGRAMS OFFERED BY THE ULSTER COUNTY SOIL AND WATER CONSERVATION DISTRICT, THE BEST MANAGEMENT PRACTICE OF INTEGRATED PEST MANAGEMENT WAS APPLIED ON 144 ACRES OF FARMLAND AND A TOTAL OF 300 LINEAR FEET OF STREAMBANK WAS STABILIZED USING “HARD METHODS” AND A TOTAL OF 200 FEET WAS STABILIZED USING “SOFT METHODS.”</p>	
<ul style="list-style-type: none"> <li>• Identify and describe the equipment and staff that are in place</li> </ul>	DO NOT ENTER INFORMATION IN THIS CELL

**Minimum Control Measure 6. Municipal Operations:** \_\_\_ Street and Bridge Maintenance; \_\_\_ Winter Road Maintenance; \_\_\_ Stormwater System Maintenance; \_\_\_ Vehicle and Fleet Maintenance; \_\_\_ Park and Open Space Maintenance; \_\_\_ Municipal Building Maintenance; \_\_\_ Solid Waste Management; X Other: Stream Stabilization and Hydrologic Habitat Modification

- Copy this page and give it to each municipal office or department responsible for reporting.
- Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department.
- Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures.
- Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

<p><b>Permit Reference IV.C.6.a, c</b> (continued): Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from municipal operations to the MEP.</p>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
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- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• <i>Assess if existing programs adequately reduce and/or prevent pollutant discharges</i></li> <li>• <i>Determine and list any operation type, location or facility that is in need of modification or updates.</i></li> </ul> | <p>DO NOT ENTER INFORMATION IN THIS CELL</p> |
|--|--|

<p><b>Permit Reference IV.C.6.a:</b> If there is a training component for staff specific to these municipal operations:</p> <ul style="list-style-type: none"> <li>• <i>explain the activities and materials;</i></li> <li>• <i>identify the personnel or outside organization conducting the activities.</i></li> </ul>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
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<p><b>Additional Techniques</b></p>	<p><b>Describe Measurable Goals and Results</b> (when applicable)  <b>Indicate:</b> Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
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<p><b>Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:</b></p>	
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**Did you include any of the following documents as appendices? Put a mark each appended document.**

Summary of public comments received on the annual report at the public presentation (**Required**)

Intended response to comments on the annual report (**Required**)

Results of information collected and analyzed, including monitoring data; evaluation of assessment (modeling) of pollutant discharges, including modeling results and pollutant transport trends.

Other \_\_\_\_\_

**ADDENDUM REPORTING FOR  
MS4S THAT LACK LEGAL AUTHORITY TO ADOPT  
REGULATORY MECHANISMS FOR IDDE AND  
CONSTRUCTION / POST-CONSTRUCTION STORMWATER RUNOFF CONTROL**

**BE SURE TO INDICATE THE MS4 NAME AND PERMIT NUMBER IN THE HEADER**

**ADDENDUM 1. Minimum Control Measure 3. Illicit Discharge Detection and Elimination (IDDE) Local Law**

<b>Permit Reference IV.C.3.c:</b> Prohibit, through an ordinance, local law or other regulatory mechanism, illicit discharges into the MS4. The MS4s have until year 5 to complete this work.		
<b>1)</b> When was this work completed or planned to be completed?	Date completed: _____ Not yet completed Plan to complete for reporting in year: ___4; ___5.	
<b>2)</b> Indicate which of the control mechanisms or procedures to the right used by the MS4 notify staff and others doing work on behalf of the MS4 about prohibition of and enforcement against illicit discharges:	<input type="checkbox"/> Interconnection agreements <input type="checkbox"/> Maintenance directives / BMPS <input type="checkbox"/> Access Permits <input type="checkbox"/> Tenant Leases	<input type="checkbox"/> Consultant Agreements <input type="checkbox"/> Construction/Bid Documents <input type="checkbox"/> Other _____ _____
<b>3)</b> Indicate which of these control mechanisms contain specific language prohibiting illicit discharges:	<input type="checkbox"/> Interconnection agreements <input type="checkbox"/> Maintenance directives / BMPS <input type="checkbox"/> Access Permits <input type="checkbox"/> Tenant Leases	<input type="checkbox"/> Consultant Agreements <input type="checkbox"/> Construction/Bid Documents <input type="checkbox"/> Other _____ _____
<b>4)</b> Explain how the MS4 intends to prohibit illicit discharges if: <ul style="list-style-type: none"> <li>• none of the mechanisms in number 2 contain language prohibiting illicit discharges; or</li> <li>• the MS4 intends to add language to prohibit illicit discharges in other control mechanisms.</li> </ul>	Explanation:	
<b>5)</b> Explain how the MS4 (intends to) enforce against illicit dischargers within their jurisdiction?	Explanation:	

**ADDENDUM 2. Minimum Control Measure 4 & 5. Construction Site & Post-Construction Stormwater Runoff Control Local Law**

<b>Permit Reference IV.C.4.b.i, 5.a.i:</b> Require development and implementation of erosion and sedimentation controls through a local law or other regulatory mechanism. The MS4s have until year 5 to complete this work.	
<b>1) When was this work completed or planned to be completed?</b>	Date completed: MARCH 7, 2008    ___ Not yet completed Plan to complete for reporting in year: ___4; ___5.
<b>2) Indicate which of the control mechanisms or procedures below are used by the MS4 to notify staff and others doing work on behalf of the MS4 about the <u>erosion, sedimentation and stormwater management requirements</u> for projects under the MS4s jurisdiction. (These requirements are based on the Construction Permit (GP-02-01) and MS4 Permit (GP-02-02)).</b>	
<input checked="" type="checkbox"/> Access Permits ___ Tenant Leases ___ Requests for Proposals (RFPs) ___ Scope of Services	___ Consultant Agreements <input checked="" type="checkbox"/> Construction / Bid Documents (FOR COUNTY-OWNED PROJECTS) <input checked="" type="checkbox"/> Other Policies / Procedures <u>SEE ATTACHED NARRATIVES FOR THE PROCEDURES OF SITE PLAN REVIEW AND INSPECTION FOR DEVELOPMENTS BY COUNTY-OWNED AND OTHER PROJECTS.</u>
<b>3) All of the <u>erosion, sedimentation and stormwater management requirements</u> below must be addressed by the MS4's control mechanisms. For the control mechanisms identified in number 2 above, state in the left hand cells below the control mechanism(s) that contain the language.</b>	
<b>Control Mechanism</b>	<b><u>Erosion, Sedimentation and Stormwater Management Requirements</u></b>
ACCESS PERMIT, CONSTRUCTION/BID DOCUMENT, OTHER POLICIES/PROCEDURES	Require all projects to have SWPPPs, as in GP-02-01
ACCESS PERMIT, CONSTRUCTION/BID DOCUMENT, OTHER POLICIES/PROCEDURES	Require all 16 components of a basic SWPPP (erosion and sediment control)
ACCESS PERMIT, CONSTRUCTION/BID DOCUMENT, OTHER POLICIES/PROCEDURES	Require all additional 7 components for a full SWPPP when post-construction control is required
ACCESS PERMIT, CONSTRUCTION/BID DOCUMENT, OTHER POLICIES/PROCEDURES	Meet the standards in the <i>Erosion and Sediment Control</i> and <i>Stormwater Management Design Manuals</i> (or otherwise meet the requirements of GP-02-01)
CONSTRUCTION/BID DOCUMENT, OTHER POLICIES/PROCEDURES	Require contractor certification statements stating that the contractor will agree to comply with the terms and conditions of the SWPPP

CONSTRUCTION/BID DOCUMENT, OTHER POLICIES/PROCEDURES	Require proper operation and maintenance of stormwater facilities during construction
CONSTRUCTION/BID DOCUMENT, OTHER POLICIES/PROCEDURES	Require proper operation and maintenance of stormwater facilities after construction
OTHER POLICIES/PROCEDURES	Require SWPPPs to be certified by a licensed / certified individual when there is a deviation from technical standards or direct discharge to a 303(d) segment or TMDL watershed subject to condition A of GP-0-01
ACCESS PERMIT, CONSTRUCTION/BID DOCUMENT, OTHER POLICIES/PROCEDURES	Have a process for review of SWPPPs
OTHER POLICIES/PROCEDURES	Require site self inspections as in GP-02-01
	Have enforcement procedures during and after construction
OTHER POLICIES/PROCEDURES	Require construction site operators to control waste
	Procedures for receipt and consideration of information submitted by the public
4) If any of the requirements in number 3 are not addressed, explain how the MS4 intends to incorporate them into the control mechanisms?	Explanation: COUNTIES ARE NOT REQUIRED TO ENACT LAWS OR ORDINANCES TO REGULATE CONSTRUCTION ACTIVITIES.
5) Explain how the MS4 intends to enforce the requirements within their jurisdiction?	Explanation: ULSTER COUNTY INTENDS TO WORK WITH THE TRADITIONAL LAND USE CONTROL MS4S THAT HAVE LOCAL LAWS.

### **Appendix for Public Comments & Intended Response**

Ulster County advertised the availability of its Annual Report (MCC Form) in newspapers of general circulation more than 10 days prior to its public information meeting which was held on May 19, 2008. In addition, Ulster County placed a draft copy of the MCC Form on its website at the following URL <http://www.co.ulster.ny.us/stormwater.html>. The comment period was held open to May 28, 2008.

**No Public Comments were received.**

**Ulster County does not have an intended response due to the lack of comments.**

# ULSTER COUNTY

## Pooled Resources = Success and Sustainability

Ulster County Government has implemented a Pooled Resources Plan that utilizes the resources of the County and its municipalities in a manner that takes advantage of the strengths of each.

The approach has proven very effective both in terms of meeting program objectives and in saving tax dollars for all involved. This plan arose from an extremely challenging situation. Early in 2007 the County conducted an independent forensic review of the agency charged with compliance with a program known as *MS4*. The review uncovered irregularities that were significant enough for the County to request a NYS Attorney General's Office investigation. The lack of confidence in the agency resulted in its dismantling. The County Administrator's Office was tasked with the agency's responsibilities while a permanent solution was sought. The Administrator's Office established an *MS4* Compliance Team with expertise from several county departments. The Team immediately reached out to municipalities to assess their needs and to NYS DEC for assistance. It was quickly learned that many communities were misinformed as to their responsibilities under the program and were relying on the County to ensure their compliance. It was also discovered that while the County had moved forward, it too faced significant compliance issues. From this challenging situation grew the innovative plan to pool the resources of the County and the municipalities, combining the strengths of each. What follows is an explanation of this approach that may well serve as a statewide model for future water quality programs. The framework is also applicable to issues associated with transportation, land use, economic development and the environment.

### Ulster County Department of the Environment:

A new Department of the Environment will be established in 2008. The Department will coordinate the environmental efforts of the County to ensure compliance with federal and state environmental mandates. It will also initiate and respond to the County's own environmental needs. Its structure is based on the Pooled Resources framework, taking advantage of the environmental strengths of existing County Departments, coordinating those efforts, and recommending additional capacity as needed. We believe that this framework will increase environmental stewardship while reducing costs and offering greater accountability.



#### ULSTER COUNTY

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Fax: 845.340.3651

# Municipal Separate Storm Sewer Systems (*MS4*) A Pooled Resource Approach

**M**ore than a decade ago the federal government created a program to limit the discharge of pollutants into the nation's waterbodies from construction sites and developed areas. The current *MS4* program requires that "urbanized areas," as defined by the US Census, must establish stormwater management programs whose components equal or exceed the federal requirements. These include the need to develop programs and regulations that address public education and outreach, public involvement/participation, construction site runoff control, illicit discharge detection and elimination, and pollution prevention/good housekeeping.

In Ulster County, the "urbanized area" and the *MS4* requirements apply to 12 municipalities, the City of Kingston, and the County itself. When the requirements were first announced Ulster County reached out to these communities to assist them. During this initial phase, the County worked with municipalities in developing and implementing public education and outreach programs, performing a gaps analysis on existing local statutes, gathering information on appropriate regulatory response and completing municipal compliance forms.

In examining the six minimum control measures, the County recognized that a key area for collaboration involved the Illicit Discharge Detection and Elimination (IDDE) control measure. IDDE requires outfalls associated with a municipally-owned drainage system to be located in the field and accurately mapped. Although local officials have extensive knowledge of their highways and drainage systems, many were not equipped to provide accurate mapping of outfalls or maintain the database over time. Ulster County proposed a pooled resources approach that would take advantage of local knowledge and county technical support to develop an integrated mapping program.

**The term *MS4*** includes both municipal and non-municipal systems of underground pipes, and also systems of streets and roads with drainage, catch basins, curbs, gutters, ditches, man-made channels or storm drains, whether or not the system is owned by a municipality. An *MS4* may be a city, town or village system, or one serving a large publicly-owned complex such as a military base, hospital, school or prison.

# MS4 Pooled Resource Approach

## Workflow

### Preliminary Outfall Identification - Ulster County Public Works Department:

Maps showing waters of the US and boundaries of MS4 area prepared from available sources. These maps are the base to locate the outfalls by the municipality. Ulster County will work with municipalities to clarify mapping requirements. Mapping becomes the basis for field work.



### Mapping Assignments – Ulster County Public Works Department Stormwater Specialist:

Acts as field coordinator and provides maps and forms for field work, coordinates all manpower and equipment needs, and using preliminary maps, assigns mapping areas to field team spreading workloads



### Mapping -Field Teams - All Partners:

Using maps provided, each field team takes GPS readings at outfall locations and completes attribute table. Three teams work in separate municipalities according to an agreed schedule. Data is downloaded at UC Information Services at end of workday



### Processing – Ulster County Information Services:

Processes end-of-day data and does quality control on the data. Confirms preliminary outfall IDs and reports to Field Coordinator if locations need to be revisited.

## Support

### Ulster County

Stormwater Specialist— Project Coordinator  
3 people – GPS trained field work  
3 people—summer intern—field support  
3 GPS units sub-meter accuracy  
1 GPS unit reserved  
all post data collection mapping functions

### Each Municipality

1 truck – from host/mapped  
1 person from host/mapped—knows drainage and was involved in initial location of outfalls

## Final Product

### Outfall Maps

#### Ulster County

Provide digital form to each municipality.  
Mapping will include overlays on air photos for easier field identification



The approach was designed to meet the initial requirements and to ensure compliance over time. A series of meetings were held with local officials to explain the pooled resource approach. These meetings also were used to establish a path for communities to follow to meet all compliance measures including adoption of necessary local laws.

Eleven municipalities agreed to participate in the pooled resources mapping approach. Support for the mapping effort came from the County's Public Works, Information Services, and Planning Departments, and the Soil and Water Conservation District. The County purchased three additional Trimble GPS units to locate outfalls in the field and high resolution air photos (Pictometry) to allow for initial outfall locations to be determined prior to field work.

Communities agreed to a schedule and assignment of manpower. Field work began in early July of 2007 and was completed in September well ahead of schedule. Database quality control is on-going. Additional fieldwork necessary for some direct to river outfalls will be completed later in the fall.

The County continues to support the *MS4* requirements regarding local laws to regulate pre and post construction runoff. Model statutes have been provided to all *MS4* municipalities. County Planning Board review of the model laws resulted in recommended changes. These changes would require new developments to submit GPS coordinates to the County for any new outfalls. This will ensure that mapping remains current as development occurs. The change has been incorporated into the NYS model law.

Municipalities are also being asked to include language in their statutes for development that abuts a county road. The County is requesting that Storm Water Pollution Prevention Plans (SWPPPs) be submitted by a licensed professional as meeting the federal requirements. This will ensure that the County's own *MS4* requirements are met. The County also is considering this requirement as part of its highway work permits for developments requesting access to county roads.

Finally, to ensure that communities can meet their educational requirements, Ulster County has established a Stormwater Lending Library that includes books and training films. Communities have already begun using the training films for their employees.

**The Pooled Resource Approach -**  
a benefit to all participants and a model for the future

# Ulster County Municipal Separate Storm Sewer Systems (MS4)

## Ulster County Construction Projects

### STATEMENT OF POLICY

The term **MS4** includes both municipal and non-municipal systems of underground pipes, and also systems of streets and roads with drainage, catch basins, curbs, gutters, ditches, man-made channels or storm drains, whether or not the system is owned by a municipality. An **MS4** may be a city, town or village system, or one serving a large publicly-owned complex such as a military base, hospital, school or prison

The County of Ulster, in accordance with federal and state requirements as a Phase II participant in the MS4 program, has adopted the following Statement of Policy to implement a pre and post construction site plan approval and inspection program on construction projects that it undertakes or authorizes to occur on lands that it owns. The policy covers construction projects where land disturbance of one acre or more will occur or where federal and state stormwater requirements are otherwise applicable. For each applicable construction project Ulster County will require the following:

**Stormwater Pollution Prevention Plan (SWPPP)**

Preparation of a SWPPP that contains the elements described in SPDES Permit No. GP-0-08-001 and Permit No. GP-0-08-002. Where necessary the SWPPP will indicate if it contains an Erosion and Sediment Control Plan, Water Quality and Quantity Control, or both.

**Review Procedure**

All SWPPPs will be submitted to the Ulster County Stormwater Management Specialist (SWMS). The SWMS will review the plans and inspect the county-owned construction projects for compliance. SWMS's approval is required prior to submission of the Notice of Intent to the NYS DEC.



stormwater detention on Golden Hill

**Notice of Intent (NOI)**

After the approval of the SWPPP by the SWMS, a NOI and certification will be filed with the NYSDEC. The NOI will identify the individual that has reviewed the SWPPP. Submittal of the NOI is an affirmation by Ulster County that a SWPPP has been prepared for the site. *(continued pg.2)*

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### APPLICABLE LAWS & REGULATIONS

In New York State, Article 17, Titles 7, 8 and Article 70 of the Environmental Conservation Law regulate stormwater discharge activities. State Pollutant Discharge Elimination System (SPDES) permits are issued by the New York State Department of Environmental Conser-

vation (NYS DEC) under these statutes. DEC has issued the following two general SPDES permits regulating the discharge of stormwater:

Permit No. GP-0-08-001: SPDES General Permit For Stormwater Discharges From Construction Activity

Permit No. GP-0-08-002: SPDES General Permit for Stormwater Discharges From Municipal Separate Stormwater Sewer Systems (MS4s).

These permits require that every construction site with 1 (one) acre or more of land disturbance have a *(continued pg.2)*

## STATEMENT OF POLICY (continued)

### Site Inspection

Prior to commencement of construction the SWMS will conduct an assessment of the site and certify in an inspection report that the appropriate erosion and sediment controls described in the SWPPP have been adequately installed or implemented. Following the commencement of construction, site inspections will be conducted at least every 7 calendar days and within 24 hours of the end of a storm event of 0.5 inches or greater.

### Contractor Certification

Where identified contractors or subcontractors are on-site, Ulster County will require at least one employee on site to have received four (4) hours of training, endorsed by NYS DEC, from a Soil and Water Conservation District, CPESC, Inc. or other NYS DEC endorsed entity in proper erosion and sediment control principals in the last three (3) years.

### Notice of Termination (NOT)

Where the site has been finally stabilized, Ulster County will submit a NOT form prescribed by the NYSDEC for use of Permit No. GP-0-08-001.

### Signatory Requirements

NOIs and NOTs will be signed by either a principal executive officer or ranking elected official of Ulster County.

SWPPPs and all reports required by the permit and other information requested by NYSDEC will be signed by the SWMS.

**Ulster County has a Stormwater Management Specialist (SWMS) with the required expertise and certifications to perform site inspections and review SWPPPs**

## CONTRACTORS CERTIFICATION

The following certification will be required from contractors as part of all Ulster County contracts for construction projects that meet the threshold criteria of the applicable SPDES Permits:

“In accordance with EPA regulations as a Small Municipal Separate Storm Sewer System (MS4) area; Ulster County construction projects must com-

ply with the federally mandated EPA Regulation 40 CFR 122.34 and the State Pollutant Discharge Elimination System General Permits (SPDES) for stormwater discharges for construction activities. The successful bidder certifies to Ulster County that its operators and construction site personnel have certified training in acceptable standards and practices for con-

trolling construction site stormwater and managing post-construction stormwater. The successful bidder also certifies that they will be responsible for any waste generated from the construction project that would have adverse impacts to water quality.”

Signature \_\_\_\_\_

**Construction personnel must have certified training in stormwater management**

## APPLICABLE LAWS (continued)

Stormwater Pollution Prevention Plan (SWPPP). The permit requirements applies to both new construction and additions to existing county owned facilities. Additionally, NYSDEC may require the preparation of the SWPPP even for less than 1 acre on a case by case basis.

Ulster County has developed and will implement procedures for site plan and SWPPP review process, inspection as well as post-construction management practices for county-owned construction projects, equivalent to SPDES permit #GP-0-08-001 and permit #GP-0-08-002. These procedures

will meet the requirements of Minimum Control Measure #4: Construction Site Runoff Control and Minimum Control Measure #5: Post-Construction Runoff Control.

## PROPER OPERATION AND MAINTENANCE

### Proper Operation and Maintenance

The SWPPP must include the type, number and frequency of maintenance actions required for stormwater management and erosion control during construction and for permanent practices that remain on the site once construction is finalized. Routine maintenance must be

identified on a maintenance schedule and performed on a regular basis or when a problem is identified.

Ulster County recognizes that the submittal of SWPPP requires that it must at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which

are installed and used to achieve compliance with the conditions of the permit and with the requirements of SWPPP. Proper operation and maintenance may include the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit.

The person responsible for conducting the maintenance actions during construction and post-construction will be identified in the SWPPP.

## REPAVING & RECONSTRUCTION OF ROADS & PARKING LOTS

### Repaving of Roads and Parking Lots

Repaving is defined as the resurfacing of an existing pavement/concrete road or parking lot, or resurfacing of a road or parking lot that has under gone grinding or milling operations, where a layer of pavement or concrete remains after the grinding or milling. Construction activity that does not result in land disturbance (soil exposure) is not required to obtain coverage under GP-0-08-001.

### Road and Parking Lot Reconstruction

Road and parking lot reconstruction is defined as removal of the full depth of the pave-

ment/concrete layer(s) with varying levels of disturbance of the subbase and subgrade layers. Road or parking lot reconstruction may or may not require permit coverage. The need for permit coverage is based on factors such as the type and thickness of the subbase layer and the level of disturbance of the subbase layer. Ulster County will use the following criteria to determine which road and parking lot reconstruction projects are considered regulated land disturbances that require permit coverage.

Permit coverage will be required for disturbances of one acre or more ( including other site disturbances):

1. if the existing subbase material is not a processed crushed stone (e.g. mixed ones and twos), or a material equivalent to NYS DOT subbase course (see Section 304 of NYS DOT Standard Specifications);
2. if the existing subbase layer on the road or parking lot reconstruction project is less than 6 inches in depth; and
3. if the road or parking lot reconstruction involves the

complete removal of the subbase layer or disturbance of the bottom 6 inches of the subbase layer ( less than 6 inches of subbase would remain after removal of pavement/concrete).

For the 1,2, and 3 above —if the subbase layer is six inches or more in depth after the removal of the pavement/concrete layer(s) and the subbase material is equivalent to one of the materials specified in No.1 above, the area is not considered a regulated disturbance and should not be included when calculating the total disturbance.

## PERMIT COVERAGE

### Five Day Permit Coverage

Stormwater discharges from construction activity may obtain coverage under the general permit in 5 (five) business days after the NYSDEC’s receipt of the NOI if all of the following are true:

1. Ulster County certifies that the SWPPP has been developed in conformance with the NYSDEC’s technical standards;
2. The activity is eligible for coverage under the general permit; and
3. The construction site or post-construction runoff is not

discharging a pollutant of concern to either an impaired water identified on the NYSDEC’s 303(d) list or a watershed where an EPA-approved Total Maximum Daily Load (TMDL) analysis has been completed for a pollutant of concern which would be discharged from construction or post-construction runoff.

### Sixty Day Permit Coverage

There are conditions where coverage under a general permit will not occur until 60 business days from the NYS DEC’s receipt of a completed NOI. Pro-

jects requiring 60 day review period prior to obtaining coverage including those where:

1. The SWPPP deviates from the DEC’s technical standards, or
2. The construction activity or post-construction runoff causes the discharge of a pollutant of concern to a water identified on the 303(d) list or the watershed with an approved TMDL for the pollutant of concern.

Applicants must allow 60 days after the NYSDEC receives a completed NOI and certification before gaining coverage

under the permit and before initiating any construction activity.

The NYSDEC’s technical standards for erosion and sediment controls are contained in the document, *New York State Standards and Specifications for Erosion and Sediment Control*. For the design of water quantity and water quality controls (post-construction stormwater control practices), the NYSDEC’s technical standards are detailed in the *New York State Stormwater Management Design Manual*.

## Ulster County Department of Public Works

Miklos Rudnay,  
Stormwater Management Specialist  
317 Shamrock Lane  
Kingston NY 12401

Phone: 845-340-3123  
E-mail: [mrud@co.ulster.ny.us](mailto:mrud@co.ulster.ny.us)



## REFERENCES

### Federal Regulations

U.S. EPA, National Pollutant Discharge Elimination System (NPDES)  
<http://cfpub.epa.gov/npdes/index.cfm>

Phases of the NPDES Stormwater Program <http://cfpub.epa.gov/npdes/stormwater/swphases.cfm>

Stormwater Pollution Prevention Plans for Construction Activities  
<http://cfpub.epa.gov/npdes/stormwater/swppp.cfm>

### New York State Regulations

New York State Department of Environmental Conservation (NYS DEC), home page  
<http://www.dec.ny.gov/>

NYS DEC, State Pollutant Discharge Elimination System (SPDES)  
<http://www.dec.ny.gov/permits/6054.html>

NYSDEC, Construction Stormwater Program Guidance Document  
<http://www.dec.ny.gov/chemical/29083.html>

NYS DEC, SPDES Construction Stormwater Information (Links)  
<http://www.dec.ny.gov/chemical/8694.html>

### New York State Technical Standards

New York State Standards and Specifications for Erosion and Sediment Control  
<http://www.dec.ny.gov/chemical/29066.html>

New York State Stormwater Design Manual  
<http://www.dec.ny.gov/chemical/29072.html>

### Ulster County Stormwater website

<http://www.co.ulster.ny.us/stormwater.html>

## **Minimum Control Measures 4 and 5. Construction Site and Post-Construction Stormwater Runoff Control – Site Plan Review Procedure**

### **NARRATIVE**

County of Ulster is not required to enact a local laws or ordinances to regulate construction activities within the MS4 area. The County is required, however, to protect its own drainage system and establish a construction site and post-construction stormwater runoff control mechanism. The Stormwater Pollution Prevention Plans (SWPPP), which are required to be developed by SPDES regulations, have to be submitted and reviewed by Ulster County for compliance. This requirement applies only for those developments within the MS4 area in which the proposed land disturbance is 1 acre or more, the project is adjacent to the county property, and the proposed drainage system or any part of it drains to the County's drainage system.

### **Stormwater Runoff Control Mechanism**

County of Ulster established a control mechanism to comply with the requirements of Minimum Control Measures 4 and 5, development and implementation procedures for site plan review for pre-construction sites and site inspection during the construction work and post-construction runoff control.

The plans will be reviewed by Miklos Rudnay, CPESC, CPSWQ, Ulster County's Stormwater Management Specialist (SWMS). The erosion control and water quality plans for review will be obtained by cooperation within the County's Departments (Public Works, Health, and Planning) based on an Inter-Office Agreement.

In cases where the proposed development lies along the county road the developer needs a driveway or roadway permit to access the property. In these cases the permittee needs to apply for a permit from the Ulster County Dept. of Public Works, Engineering Department. If the proposed development does not lie along a county road and does not need an access from the county road (but from a town or state roads), the developer still needs to obtain a permit from Ulster County Health Department for proposed water supply and sewage disposal. In either case the County is notified about the proposed development. The Storm Water Management Specialist would receive the Stormwater Pollution and Prevention Plan (SWPPP) for review from either the Highway Department or the Health Department. These Departments have the authority to issue or deny the permit application. A permit will be issued only if, besides other requirements, the SWPPP was submitted, reviewed, and approved by the County SWMS, and satisfying the erosion control, pollution prevention, and water quality requirements established by SPDES permit #GP-0-08-001 and permit #GP-0-08-002 as well as Ulster County's design requirements.

Additionally, the Ulster County Planning Department will notify the SWMS about proposed larger size developments within the MS4 area. This will allow the SWMS to contact the designer and developer in an early stage of the design work and expedite the permit procedure.

**Design Requirements for SWPPP by Ulster County**

The designer/developer shall submit 1 (one) complete copy of the Stormwater Pollution Prevention Plan (SWPPP) to the Ulster County Stormwater Management Specialist (SWMS) for review. To expedite the permit procedure, it is recommended to schedule a meeting with the Ulster County SWMS

Miklos Rudnay, CPESC, CPSWQ  
Stormwater Management Specialist  
Ulster County, Department of Public Works  
317 Shamrock Lane, Kingston, NY 12401;  
Ph #: (845)340-3123

prior to the submittal of a SWPPP to Ulster County.

The designer of a development should consider the following principle requirements during the design and the implementation of a Stormwater Pollution Prevention Plan (SWPPP):

1. Satisfy all the requirements of the SPDES permit(s) for Construction Activities and for MS4
2. Show the MS4 boundary line on the plans
3. Only stormwater can be discharged to the county drainage system
4. Determine the acreage of the proposed land disturbance
5. Provide construction sequence and phasing (the latter is needed only for 5 acres or more land disturbance)
6. Based on the SPDES requirements submit the Erosion and Sediment Control (ESC) Plans or the full SWPPP as needed
7. As a design principle, the post-development stormwater discharge cannot exceed the pre-development conditions at any design point along the perimeter of the property. For easy comparison, prepare a summary table for the pre- and post-development stormwater discharges for the 1 year (C<sub>pv</sub>), 10 year (Q<sub>p</sub>), and the 100 year (Q<sub>f</sub>) design conditions
8. The county right-of-way and drainage system should be shown on the plan along the entire frontage of the property
9. If any part of the county drainage system will be used by the developer, show the direction of flow (including elevations and slopes) within the county right-of-way from the discharge point to the point where the stormwater from the development will leave the county right-of-way. Both the inflow and outflow locations shall be mapped by the designer using GPS or standard survey methods and will be provided to the Ulster County SWMS.

10. In case any alteration of the existing county drainage system is necessary (i.e., culvert size increase), an explanation of the necessity of the change and a relevant hydraulic calculation should be submitted to justify the alteration of the drainage feature(s) within the county right-of-way
11. Check the capacity of the existing culvert pipe(s) you want to use under the county road. In case any new culvert pipe is needed, size the pipe for the 25 year storm ( $Q_{25}$ ) and obtain all necessary easements and permits along the water course on the downstream side of the culvert
12. Check the capacity of the county ditch line if any part of this ditch line is used in the design. If a new ditch line is proposed, size it to the 10 year storm ( $Q_p$ )
13. The applicant is responsible for the design, construction, and maintenance of the drainage appurtenances necessary to be built or altered because of the proposed development
14. It is the applicant's responsibility to correct erosion problems during and after the construction. The erosion and sediment devices cannot be removed before the final stabilization of the disturbed land
15. The applicant is responsible for the design, replacement and/or installation of the necessary drainage appurtenances if the proposed drainage system, for any reason and any level, adversely affects the existing county drainage system or the water course on the downstream side of the culvert
16. Use standard symbols for stormwater management practices
17. Provide stabilized construction entrance(s) and show its location on the ESC plan (where applicable).

**Adopting Introductory Local Law No. 20 Of 2007 (A Local Law Of The County Of Ulster, New York Prohibiting Illicit Discharges, Activities And Connections To The Ulster County Separate Storm Sewer System), Hereinafter Known As Local Law Number 18 Of 2007**

The Environmental Committee (Chairman Shapiro and Legislators Bartels, Distel, R.A. Parete, Rodriguez, Fabiano and McAfee) and Legislator Lomita offer the following:

WHEREAS, Resolution No. 376, dated November 14, 2007, set the date for Public Hearing on Introductory Local Law No. 20 Of 2007 (A Local Law Of The County Of Ulster, New York Prohibiting Illicit Discharges, Activities And Connections To The Ulster County Separate Storm Sewer System), to be held on Wednesday, December 5, 2007 at 6:00 PM in the Legislative Chambers, Ulster County Office Building, 244 Fair Street, Kingston, New York, and

WHEREAS, said Public Hearing was held on Wednesday, December 5, 2007 at 6:00 PM, Ulster County Office Building, 244 Fair Street, Kingston, New York, and

WHEREAS, said Public Hearing was duly advertised in the official newspapers of the County of Ulster together with a supplemental newspaper of the County of Ulster and posted on the signboard maintained by the Clerk of the Legislature situated in the Ulster County Office Building, and

WHEREAS, all parties in attendance were permitted an opportunity to speak on behalf of or in opposition to said proposed Local Law, and

WHEREAS, pursuant to Resolution No. 371, adopted by the Ulster County Legislature on November 14, 2007, the Ulster County Legislature declared itself the lead agency under the State Environmental Quality Review Act (SEQRA), and

WHEREAS, the County of Ulster has identified interested agencies and has circulated the subject proposed Local Law herein together with its notice to serve as Lead Agency and Part 1 of the Short Environmental Assessment Form, upon those interested agencies, and

WHEREAS, pursuant to Part 617 of the implementing regulations pertaining to SEQRA regarding the consideration of said Local Law, the County of Ulster has determined that the proposed Local Law constitutes an Unlisted Action as defined under said SEQRA regulations.

Resolution No. 425 December 12, 2007

**Adopting Introductory Local Law No. 20 Of 2007 (A Local Law Of The County Of Ulster, New York Prohibiting Illicit Discharges, Activities And Connections To The Ulster County Separate Storm Sewer System), Hereinafter Known As Local Law Number 18 Of 2007**

RESOLVED, that the Ulster County Legislature hereby finds and determines that: (a) it has considered the action, reviewed the Short Environmental Assessment Form for unlisted actions, reviewed the criteria set forth in 6 NYCRR section 617.7(c), thoroughly analyzed the relevant areas of potential environmental concern, and has duly considered all of the potential project environmental impacts and their magnitude in connection with the proposed Local Law; (b) the project, to wit: the adoption by the Ulster County Legislature will not result in any large and important environmental impacts, and, therefore, is one which will not have a significant impact on the environment, and, therefore, a negative declaration will be prepared; and (c) the reasons supporting this determination are set forth on Part 2 of the Short Environmental Assessment Form with respect to this project (a copy of which said form is on file in the Office of the Clerk of the Ulster County Legislature), and

FURTHER RESOLVED, that the County of Ulster as Lead Agency with reference to the above-described project, hereby: (a) adopts a negative declaration pursuant to 6 NYCRR section 617.7 with respect to the project; (b) authorizes the Chairman of the Ulster County Legislature to sign a negative declaration determination of non-significance with respect to the Local Law; and (c) authorizes the Clerk of the Ulster County Legislature to forward a copy of said negative declaration determination of non-significance to the appropriate agencies, and

FURTHER RESOLVED, that Introductory Local Law No. 20 herein is hereby adopted by the Ulster County Legislature, and hereinafter known as Local Law Number 18 of 2007,

and moves its adoption.

ADOPTED BY THE FOLLOWING VOTE:

AYES: 27                      NOES: 0  
(Absent: Legislators Aiello, Every, Fabiano,  
Felicello, Roberti and Stoeckeler)

FINANCIAL IMPACT:

\$300.00 – APPROXIMATE ADVERTISING COSTS

1224

# Local Law Number 18 Of 2007

## County Of Ulster

### **A Local Law Of The County Of Ulster, New York, Prohibiting Illicit Discharges, Activities And Connections To The Ulster County Separate Storm Sewer System**

BE IT ENACTED, by the County Legislature of the County of Ulster, as follows:

#### **SECTION 1. PURPOSE/INTENT AND FINDINGS.**

The purpose of this law is to provide for the health, safety, and general welfare of the citizens of the County of Ulster through the regulation of stormwater and non-stormwater discharges, as regulated hereunder, to the municipal separate storm sewer system (MS4) to the maximum extent practicable as required by federal and state law. This law establishes methods for controlling the introduction of pollutants into the MS4 in order for the County of Ulster to comply with requirements of the SPDES General Permit for Municipal Separate Storm Sewer Systems. Among the several purposes of this law are the following:

- a. To meet the requirements of the SPDES General Permit for Stormwater Discharges from MS4s, Permit no. GP-02-02 or as amended or revised;
- b. To regulate the contribution of pollutants to the MS4;
- c. To prohibit Illicit Connections, Activities and Discharges to the MS4;
- d. To establish legal authority to carry out all inspection, monitoring and enforcement procedures necessary to ensure compliance with this law; and
- e. To promote public awareness of the hazards involved in the improper discharge of trash, yard waste, lawn chemicals, pet waste, wastewater, grease, oil, petroleum products, cleaning products, paint products, hazardous waste, sediment and other pollutants into the MS4.

Based upon the Record had before this Legislature, the following findings are made in consideration of this Local Law:

- f. This Legislature finds and determines that the regulation of non-stormwater discharges to the County-owned municipal separate

**Local Law Number 18 Of 2007**

**County Of Ulster**

**A Local Law Of The County Of Ulster, New York, Prohibiting Illicit Discharges, Activities And Connections To The Ulster County Separate Storm Sewer System**

storm sewer system, to the maximum extent practicable, is essential to protect the health, safety and general welfare of the citizens of Ulster County.

- g. This Legislature further finds and determines that controlling the introduction of polluted stormwater and non-stormwater pollutants into the County-owned municipal separate storm sewer system is critical in order to comply with requirements of the State Pollution Discharge Elimination System General Permit No. GP-02-02 for Municipal Separate Storm Sewer Systems.
- h.. In addition to the enforcement processes and penalties provided herein, any condition caused or permitted to exist in violation of any of the provisions of this Local Law, which is deemed to be an imminent threat to public health, safety, and/or welfare, may further be declared and deemed a nuisance, and may be summarily abated or restored at the violator's expense, and/or a civil action to abate, enjoin, or otherwise compel the cessation of such violation and/or nuisance may be taken in accordance with the procedures set forth within this Local Law.
- i. This Local Law shall apply to all MS4 designated areas situate within the County of Ulster.

**SECTION 2. DEFINITIONS.**

Whenever used in this Local Law, unless a different meaning is stated in a definition applicable to only a portion of this Local Law, the following terms will be defined and shall have meanings set forth below:

**AGRICULTURE:** All agricultural operations and activities related to a "farm operation" as such term is defined in Section 301(11) of the Agricultural and Markets Law (AML) or governed by the AML of the State of New York and the guidelines and opinions issued by the New York State Commissioner of Agriculture and Markets to the extent that such practices are consistent with

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**County Of Ulster**

**A Local Law Of The County Of Ulster, New York, Prohibiting Illicit Discharges, Activities And Connections To The Ulster County Separate Storm Sewer System**

6 NYCRR Section 663.2 and not excluded thereby.

**AGRICULTURAL STORMWATER RUNOFF:** Means any stormwater runoff from farm operations, and other non-point source agriculture and agricultural uses, but not discharges from concentrated animal feeding operations as defined in 40 CFR Section 122.23 or discharges from concentrated aquatic animal production facilities as defined in 40 CFR Section 122.24.

**BEST MANAGEMENT PRACTICES (also referred to as BMPs):** Schedules of activities, prohibitions of practices, general good house-keeping practices, pollution prevention and educational practices, maintenance procedures, and other management practices to prevent or reduce the discharge of pollutants directly or indirectly to stormwater, receiving waters, or stormwater conveyance systems. BMPs also include treatment practices, operating procedures, and practices to control site runoff, spillage or leaks, sludge or water disposal, or drainage from raw materials storage.

**CLEAN WATER ACT:** The Federal Water Pollution Control Act (33 U.S.C. § 1251 *et seq.*), and any subsequent amendments thereto.

**CONSTRUCTION ACTIVITY:** Activities requiring authorization under the SPDES permit for stormwater discharges from construction activity, GP-02-01 and GP-02-02, as amended or revised. These activities include construction projects resulting in land disturbance of one or more acres unless otherwise excluded from regulation under GP-02-01 and/or GP-02-02. Such activities include but are not limited to clearing and grubbing, grading, excavating, and demolition.

**COUNTY-OWNED MUNICIPAL SEPARATE STORM SEWER SYSTEM (also referred to as MS4):** A conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, manholes, gutters, ditches, man-made channels, or storm drains) owned or operated by the County of Ulster, which includes roads, infrastructure and facilities, designed or used for collecting or conveying stormwater, that is not a combined sewer, and which is not part of a Publicly Owned Treatment Works

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**County Of Ulster**

**A Local Law Of The County Of Ulster, New York, Prohibiting Illicit Discharges, Activities And Connections To The Ulster County Separate Storm Sewer System**

(POTW) as defined at 40 CFR 122.2. A copy of a listing of County owned roads and properties shall be included herein as Exhibit "A" and a copy shall be kept on file with the Clerk of the Ulster County Legislature. Said listing shall include any and all new roadways and County owned properties as required under the MS4 Regulations.

**DEPARTMENT:** The New York State Department of Environmental Conservation.

**DEPARTMENT OF PUBLIC WORKS:** The Ulster County Department of Public Works is the County Department of which the Stormwater Management Office forms a part in accordance with the provisions of this Local Law.

**DISCHARGE:** Means any addition or introduction of any pollutant, stormwater, or any other regulated substance whatsoever into the municipal separate storm sewer system (MS4) or into waters of the United States.

**EPA:** The Environmental Protection Agency of the United States of America.

**DISCHARGER:** Means any person as defined herein, who causes, allows, permits, or is otherwise responsible for a discharge into a municipal storm sewer.

**FACILITY:** Any lands and appurtenances, including but not limited to, construction sites, required by the Federal Clean Water Act to have a permit to discharge stormwater associated with industrial activity and/or any other regulated activity.

**FARM OPERATION:** The land and on-farm buildings, equipment, manure processing and handling facilities, and practices which contribute to the production, preparation and marketing of crops, livestock and livestock products as a commercial enterprise. Such farm operation may consist of one or more parcels of owned or rented land, which parcels may be contiguous or noncontiguous to each other [See Section 301(11) of the Agriculture and Markets Law and the definition herein contained for "Agriculture"].

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**HAZARDOUS MATERIALS:** Any material, including any substance, waste, or combination thereof, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may cause, or significantly contribute to, a present or potential hazard to human health, safety, property, or the environment when improperly treated, stored, transported, disposed of, or otherwise managed.

**ILLICIT CONNECTIONS:** Any drain or conveyance, whether on the surface or subsurface, which allows an illegal discharge to enter the County-owned municipal separate storm sewer system, including but not limited to:

- a. Any conveyances as regulated under this Local Law which allow any non-stormwater discharge including treated or untreated sewage, process wastewater, and wash water to enter the County-owned municipal separate storm sewer system and any connections to the storm drain system from indoor drains and sinks, regardless of whether said drain or connection had been previously allowed, permitted, or approved by an authorized enforcement agency; or
- b. Any drain or conveyance connected from a commercial or industrial land use to the County-owned municipal separate storm sewer system that has not been (1) documented in plans, maps, or equivalent records and (2) lawfully approved by an authorized enforcement agency.

**ILLICIT DISCHARGE:** Any direct or indirect regulated non-stormwater discharge to the County-owned municipal separate storm sewer system, except as exempted in Section 6 of this Local Law.

**ILLICIT DISCHARGE BOARD OF APPEALS:** A County of Ulster appeals board consisting of, at minimum, one (1) representative of each of the following Departments and which representatives shall be appointed by the Department Heads of each of the Departments so designated:

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a) The Department of the Environment; b) The Department of Health; and c) The Planning Department. Said board shall follow the procedures set forth within Section 15 of this Local Law.

**INDUSTRIAL ACTIVITY:** Activities requiring the SPDES permit for discharges from industrial activities except construction, GP-98-03, as amended or revised.

**MUNICIPALITY OR COUNTY:** The County of Ulster.

**MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4):** The system of conveyances (including, but not limited to, sidewalks, roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains) owned and/or operated and/or maintained by the County and designed or used for collecting or conveying stormwater.

**NON-POINT SOURCE:** Means any source of any discharge that is not a “point source”.

**NON-STORMWATER DISCHARGE:** Any discharge to the County-owned municipal separate storm sewer system that is not composed entirely of stormwater.

**OPERATOR:** Means the party or parties that either individually or taken together meet the following two criteria: 1) They have operational control over the site activities (including the ability to make modifications in activities); and 2) they have such operational control to those activities at the site necessary to ensure compliance with SWPPP requirements and any related permit conditions.

**PERSON:** Any individual, association, organization, partnership, firm, company, corporation, trust, estate, governmental entity [including the County of Ulster], or other entity recognized by law and acting as either the owner or as the owner’s agent. This term shall also include owners, operators, dischargers and all other entities as set forth within this Local Law.

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**POINT SOURCE:** Means any discernible, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, fissure, container, concentrated animal feeding operation, landfill leachate collection system, vessel or other floating craft from which pollutants are or may be discharged and as regulated under this Local Law and/or the Clean Water Act.

**POLLUTANT:** Includes, but is not limited to, dredged spoil; solid waste; incinerator residue; sewage; garbage; sewage sludge; filter backwash; munitions; hazardous waste; chemical wastes; biological materials; toxic materials; radioactive materials; wrecked or discarded equipment; rock; sand; cellar dirt; and industrial, municipal, recreational, regulated, agricultural waste and other regulated wastes discharged into the municipal separate storm sewer system, which may cause or might reasonably be expected to cause pollution of the waters of the State in contravention of the standards, set forth within this Local Law and the Clean Water Act. [33 CFR Part 1251, et seq.].

**PREMISES:** Any building, structure, lot, parcel of land, or portion of land whether improved or unimproved, including adjacent sidewalks, parking strips, roadways and other appurtenances.

**RELEASE:** Means any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing of illicit discharges into surface water, ground-water, subsurface soils, surface soils and/or by any other direct or indirect discharge which is made to the municipal separate stormwater sewer system (MS4), the Water of New York State and/or the Waters of the United States.

**SPECIAL CONDITION DISCHARGE COMPLIANCE WITH WATER QUALITY STANDARDS:** The condition that applies where a municipality has been notified pursuant to this law that the discharge of stormwater authorized under its County-owned municipal separate storm sewer system permit may have caused, or has the reasonable potential to cause or contribute to, the violation of an applicable water quality standard. Under this condition the municipality must take all necessary actions to ensure future discharges do not cause or contribute to a violation of water quality standards.

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**SPECIAL CONDITION 303(D) LISTED WATERS:** The condition in the County-owned municipal separate storm sewer system permit that applies where the County-owned municipal separate storm sewer system discharges to a 303(d) listed water. Under this condition the County Stormwater Management Program must ensure no increase of the listed pollutant of concern to the 303(d) listed water.

**SPECIAL CONDITION TOTAL MAXIMUM DAILY LOAD (TMDL) STRATEGY:** The condition in the County-owned municipal separate storm sewer system permit where a TMDL, including requirements for control of stormwater discharges, has been approved by EPA for a waterbody or watershed into which the County-owned municipal separate storm sewer system discharges.

**SPECIAL CONDITION:** The condition in the County-owned municipal separate storm sewer system permit that applies if a TMDL is approved in the future by EPA for any waterbody or watershed into which a County-owned municipal separate storm sewer system discharges. Under this condition the municipality must review the applicable TMDL to see if it includes requirements for control of stormwater discharges. If an MS4 is not meeting the TMDL stormwater allocations, the municipality must, within six (6) months of the TMDL's approval, modify its stormwater management program to take all necessary actions to ensure that reduction of the pollutant of concern specified in the TMDL is achieved.

**STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM (also referred to as SPDES):** Stormwater Discharge Permit. A permit issued by the Department that authorizes the discharge of pollutants to waters of the State.

**STORMWATER:** Rainwater, surface runoff, snowmelt and drainage.

**STORMWATER MANAGEMENT OFFICE:** The County Office that is responsible for administering, enforcing and promulgating regulations and fees pursuant to this Local Law, upon adoption of this Local Law, said office shall be designated by the County Legislature as being a part of and organized as a Division of and under the County of Ulster Department of Public Works and the

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Stormwater Management Officer shall be appointed by the department head of the Ulster County Department of Public Works. Budgetary, employment and other customary administrative procedures associated with the Stormwater Management Office shall be the responsibility of the Ulster County Department of Public Works.

**STORMWATER MANAGEMENT OFFICER (also referred to as SMO):** A person, persons, or other public official(s) designated by the Stormwater Management Office to monitor activities, inspect areas and enforce this Local Law. The Stormwater Management Officer may also be designated to accept, review, and inspect stormwater pollution prevention plans, among his/her other responsibilities.

**STORMWATER POLLUTION PREVENTION PLAN:** Means a plan required by a SPDES permit to discharge stormwater associated with regulated activities, including but not limited to industrial activities and construction, and which describes and provides for pollutants in stormwater discharges associated with regulated activities.

**303(d) LIST:** A list of all surface waters in the State for which beneficial uses of the water (drinking, recreation, aquatic habitat, and industrial use) are impaired by pollutants, prepared periodically by the Department as required by Section 303(d) of the Clean Water Act. 303(d) listed waters are estuaries, lakes and streams that fall short of State surface water quality standards and are not expected to improve within the next two years.

**TOTAL MAXIMUM DAILY LOAD (also referred to as TMDL):** The maximum amount of a pollutant to be allowed to be released into a waterbody so as not to impair uses of the water, allocated among the sources of that pollutant.

**WASTEWATER:** Any water that is not stormwater, is contaminated with pollutants and is or will be discarded. This term shall not include stormwater which is not contaminated by pollutants.

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**SECTION 3. APPLICABILITY.**

This Local Law shall apply to all water entering the County-owned municipal separate storm sewer system within MS4 designated areas as generated on any developed and undeveloped lands unless explicitly exempted hereunder or unless explicitly exempted by the Department acting as the authorized enforcement agency.

**SECTION 4. RESPONSIBILITY FOR ADMINISTRATION.**

The Stormwater Management Officer (SMO) shall administer, implement, and enforce the provisions of this Local Law. Such powers granted or duties imposed upon and granted to the authorized enforcement official may be delegated in writing by the Stormwater Management Officer as may be authorized by the Stormwater Management Office. Such written delegation shall be kept and maintained within the Stormwater Management Officer's files and copies shall further be provided by the Stormwater Management Officer to the County Attorney. The Stormwater Management Office shall possess the authority to promulgate rules and regulations as necessary to administer, enforce and forward this Local Law and its purposes, including but not limited to, the institution and use of permits, forms, fees and other regulatory mechanisms to advance the purposes of this Local Law.

**SECTION 5. PROHIBITION OF ILLEGAL DISCHARGES.**

No person shall discharge or cause to be discharged into the County-owned municipal separate storm sewer system any materials other than lawful discharges of stormwater, except as provided in Section 6. The commencement, conduct or continuance of any illegal discharge to the County-owned municipal separate storm sewer system is prohibited except as described in Section 6.

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**SECTION 6. DISCHARGE EXEMPTIONS.**

- a. The following discharges are exempt from discharge prohibitions established by this Local Law, unless the Department or the County has, pursuant to law, officially determined such discharges to be substantial contributors of pollutants: water line flushing or other potable water sources, landscape irrigation or lawn watering, existing diverted stream flows, rising ground water, uncontaminated ground water infiltration to storm drains, uncontaminated pumped ground water, foundation or footing drains, crawl space or basement sump pumps, air conditioning condensate, irrigation water, springs, water from individual residential car washing, natural riparian habitat or wetland flows, dechlorinated swimming pool discharges, residential street wash water, water from fire fighting activities, agricultural stormwater runoff from lawful agricultural practices and any other water source not containing pollutants. In no event shall this Local Law be read to create, permit or authorize agriculture discharge exemptions beyond those which are in effect pursuant to the Clean Water Act.
- b. Discharges approved in writing by the Stormwater Management Officer to protect life or property from imminent harm or damage, provided that, such approval shall not be construed to constitute compliance with other applicable laws and requirements, and further provided that such discharges may be permitted for a specified time period and under such conditions as the Stormwater Management Officer may deem appropriate to protect such life and property while reasonably maintaining the purpose and intent of this Local Law.
- c. Dye testing in compliance with applicable State and local laws.
- d. The prohibition shall not apply to any discharge permitted under a SPDES permit, waiver, or waste discharge order issued to the discharger and administered under the authority of the Department, provided that the discharger is in full compliance with all

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requirements of the permit, waiver, or order and other applicable laws and regulations, and provided that written approval has been granted for any discharge to the County-owned municipal separate storm sewer system. A lawfully issued SPDES permit shall constitute compliance with this sub-paragraph in all manner and respects, provided the person and/or discharger to which the permit is issued is fully compliant therewith.

- e. Activities and uses essential to ensure emergency police, fire, rescue functions and emergency response undertaken by either the County, or by a non-profit organization authorized by contract with the County to provide these public services. Essential activities to promote public health, safety, and well-being of persons and property therein, and to implement orders and regulations of the Ulster County Department of Health, the Ulster County Emergency Management Agency and/or the New York State Department of Health with notification to the County Stormwater Management Officer and any actual and ongoing emergency activity which directly addresses an imminent threat to life, property or structures of any kind. Such emergency activities may include, but are not limited to: fire suppression operations, preventative or remedial activities related to mitigation, cleanup, or control of stormwater and/or the contamination or threatened contamination of ground and/or surface water; response to imminent floods, hurricanes and all other storms that follow established emergency response plans, fire fighting and public health emergencies.

**SECTION 7. PROHIBITION OF ILLICIT CONNECTIONS.**

The construction, use, maintenance or continued existence of illicit connections to the County-owned municipal separate storm sewer system is prohibited. This prohibition expressly includes, without limitation, connections made in the past, regardless of whether the connection was permissible under law and whether all lawful approvals were granted and/or regardless of whether the connection was previously unregulated pursuant to practices applicable or prevailing at the time of connection. A person is considered to be in violation of

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this Local Law if the person illegally connects a line conveying sewage to the County-owned municipal separate storm sewer system, or allows such an illegal connection to continue.

**SECTION 8. PROHIBITION AGAINST ACTIVITIES CONTAMINATING STORMWATER.**

- a. Activities are prohibited that cause or contribute to a violation of the County-owned municipal separate storm sewer system MS4 SPDES permit or cause or contribute to the County being subject to the Special Conditions as defined in Section 2 of this Local Law.
- b. Upon written notification to a person that they are engaged in activities that cause or contribute to violations of the County-owned municipal separate storm sewer system SPDES permit authorization, that person shall, upon receipt of such notice, immediately take all reasonable actions to correct such activities such that they no longer cause or contribute to violations of the County's MS4 SPDES permit authorization.

**SECTION 9. REQUIREMENT TO PREVENT, CONTROL AND REDUCE STORMWATER POLLUTANTS BY THE USE OF BEST MANAGEMENT PRACTICES.**

- a. Where the Stormwater Management Officer has identified illicit discharges as defined in Section 2 or by way of activities contaminating stormwater as defined in Section 8, the County may, among other remedies as set forth within this Local Law, require the implementation of Best Management Practices (BMPs) to control those illicit discharges and activities.
- b. The owner or operator of a commercial or industrial establishment shall provide, at their own expense, reasonable protection from accidental discharge of prohibited materials or other wastes into the

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County-owned municipal separate storm sewer system through the use of structural and non-structural BMPs.

- c. Any owner, discharger or operator, or other person responsible for a property or premises, which is or may be, the source of an illicit discharge as defined in Section 2 or an activity contaminating stormwater as defined in this Local Law, may be required to implement, at said person's expense, additional structural and non-structural BMPs to reduce or eliminate the source of pollutant(s) to the County-owned municipal separate storm sewer system.
- d. Compliance with all terms and conditions of a valid SPDES permit authorizing the discharge of stormwater associated with industrial and/or other regulated activities, shall be deemed compliance with the provisions of this section.

**SECTION 10. SUSPENSION OF ACCESS TO COUNTY-OWNED MUNICIPAL SEPARATE STORM SEWER SYSTEM. ILLICIT DISCHARGES IN EMERGENCY SITUATIONS.**

- a. Imminent danger. The Stormwater Management Officer may, without prior notice, suspend County-owned municipal separate storm sewer system discharge access to a person when such suspension is necessary to stop an actual or threatened discharge which presents or may present imminent and/or substantial danger to the environment, to the health or welfare of persons, or to the County-owned municipal separate storm sewer system. The Stormwater Management Officer shall notify the person of such suspension within a reasonable time thereafter in writing of the reasons for the suspension. If the violator fails to comply with a suspension order issued in an emergency, the Stormwater Management Officer may take such steps as deemed necessary to prevent or minimize damage to the County-owned municipal separate storm sewer system or to minimize and abate any and all danger to persons.

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- b. Suspension due to the detection of illicit discharge. Any person discharging to the County-owned municipal separate storm sewer system in violation of this Local Law may have their County-owned municipal separate storm sewer system access terminated if such termination would abate or reduce an illicit discharge. The Stormwater Management Officer will notify an alleged violator in writing of the proposed termination of its County-owned municipal separate storm sewer system access and the reasons therefor. Within fifteen (15) days of the issuance of such Notice, the alleged violator may petition the Stormwater Management Officer for a reconsideration and hearing. Access to the MS4 may be granted by the Stormwater Management Officer if he/she finds that the illicit discharge has ceased and the discharger has taken steps to prevent its recurrence. Access to the MS4 may be denied if the Stormwater Management Officer determines in writing that the illicit discharge has not ceased or is likely to recur. A person commits an offense if the person reinstates County-owned municipal separate storm sewer system access to premises terminated pursuant to this Section, without the prior approval of the Stormwater Management Officer, or a court of competent jurisdiction.

**SECTION 11. INDUSTRIAL OR CONSTRUCTION ACTIVITY DISCHARGES.**

Any person subject to an industrial or construction activity SPDES stormwater discharge permit shall comply with all provisions of such permit. Proof of compliance with said permit may be required in a form reasonably acceptable to the Stormwater Management Officer prior to the allowing of discharges to the County-owned municipal separate storm sewer system. Upon such proof being provided, the Stormwater Management Officer shall render his/her determination as to acceptability and shall provide the person with a written confirmation of such determination.

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**SECTION 12. ACCESS AND MONITORING OF DISCHARGES.**

- a. Applicability. This section applies to all facilities that the Stormwater Management Officer must inspect to enforce any provision of this Local Law, or whenever the authorized enforcement agency has probable cause to believe that there exists, or potentially exists, in or upon any premises, any condition that constitutes a violation of this Local Law.
- b. Access to Facilities. Upon compliance with the requirements of this Local Law, the Stormwater Management Officer shall be permitted to enter and inspect facilities subject to regulation under this Local Law as often as may be necessary to determine compliance with this Local Law. If a discharger has security measures in force which require proper identification and clearance before entry into its premises, the discharger shall make the reasonable and necessary arrangements to allow access to the Stormwater Management Officer.
  1. Facility operators shall allow the Stormwater Management Officer ready access to all parts of the premises for the purposes of inspection, sampling, examination and copying of records as may be required to implement this Local Law.
  2. Unreasonable delays in allowing the County access to a facility subject to this Local Law is a violation of this Local Law. A person who is the operator or owner or discharger of a facility subject to this Local Law commits an offense if the person denies the Stormwater Management Officer reasonable access to the facility for the purpose of conducting any activity authorized or required by this Local Law.

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3. If the Stormwater Management Officer has been refused access to any part of the premises from which stormwater is discharged, and he/she is able to demonstrate probable cause to believe that there may be a violation of this Local Law, or that there is a need to inspect and/or sample as part of such inspection and sampling program designed to verify compliance with this Local Law or any order issued hereunder, then the Stormwater Management Officer may seek issuance of a search warrant from any court of competent jurisdiction.
  
- c. **Monitoring.** Following any adjudicated violation of this Local Law, the County shall have the right to set up on any facility subject to this Local Law such devices as are necessary in the reasonable determination of the Stormwater Management Officer to conduct monitoring and/or sampling of the facility's stormwater discharge. In connection therewith, the County has the right to require the facilities subject to this Local Law to install monitoring equipment as is reasonably necessary to determine compliance with this Local Law. The facility's sampling and monitoring equipment shall be maintained at all times in a safe and proper operating condition by the discharger or the owner at its own expense. All devices used to measure stormwater flow and quality shall be properly calibrated to ensure their accuracy and proof of such calibration shall be furnished to the Stormwater Management Officer following request therefor.

**SECTION 13. NOTIFICATION OF SPILLS.**

Notwithstanding any other requirements of law, as soon as any person responsible for a facility or operation, or responsible for emergency response for a facility or operation, has information of any known or suspected release of

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materials which are resulting or may result in illicit discharges or pollutants discharging into the County-owned municipal separate storm sewer system, said person shall take such necessary steps to ensure the discovery, containment, and cleanup of such release. In the event of such a release of hazardous materials said person shall immediately notify emergency response agencies of the occurrence via emergency dispatch services and/or the County Stormwater Management Officer. In the event of a release of non-hazardous materials, said person shall notify the County Stormwater Management Officer in person or by telephone or facsimile no later than the next business day. Notifications in person or by telephone shall be confirmed by written notice addressed and mailed to the County within three (3) business days of the telephone notice. If the discharge of prohibited materials emanates from a commercial or industrial establishment, the owner or operator of such establishment shall also retain an on-site written record of the discharge and the actions taken to prevent its recurrence. Such records shall be promptly provided to the Stormwater Management Officer and such records shall be retained on site for at least five (5) years.

**SECTION 14. ENFORCEMENT.**

When the County's Stormwater Management Officer determines that a person has violated a prohibition or failed to meet a requirement of this Local Law, he/she may order compliance by written notice of violation to the owner and the discharger, if different than the owner, as the alleged responsible person. Such notice and/or subsequent enforcement remedies may require without limitation:

- a. The elimination of illicit connections or discharges;
- b. That violating discharges, practices or operations shall cease and desist;
- c. The abatement and/or remediation of stormwater pollution or contamination hazards and the restoration of any affected property;
- d. The performance of monitoring, analyses and reporting;

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- e. Payment of a fine; and/or recoupment of all quantified County expenditures as necessary to abate the violation.
- f. The implementation of source control or treatment BMPs. If abatement of a violation and/or restoration of affected property is ultimately required, written confirmation shall set forth a deadline within which such remediation or restoration must be completed. Said notice shall further advise that, should the violator fail to remediate or restore within the established deadline, the work may be undertaken and completed by a designated County governmental agency or a County retained contractor and all expenses thereof shall be charged to the discharger and/or the owner as the violator.
- g. Order that all permits, approvals and/or authorizations be obtained, if lawfully permitted by statute, for any continuing discharges, practices and/or operations; and

Prior notice shall not be required in the event the Stormwater Management Officer reasonably determines that an imminent threat to life may exist as a result of the violation of this Local Law.

**SECTION 15. APPEAL OF NOTICE OF VIOLATION.**

- a. Procedure. Any person receiving a Notice of Violation may appeal the determination of the Stormwater Management Officer within 15 days of its issuance. Said appeal shall be filed with the Stormwater Management Officer who shall transmit his original findings, and the appeal to the Illicit Discharge Board of Appeals, which shall consist of one representative of each of the following County Departments: a) The Department of the Environment; b) The Department of Health; c) The Planning Department. Such board members shall be appointed by the department heads of each of the foregoing agencies. The Illicit Discharge Board of Appeals shall hear the appeal within 30 days after the filing of the appeal, and within five (5) days of making its written decision, file its decision in

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the office of the County Clerk and mail a copy of its decision by certified mail to the discharger.

- b. Relief. Persons who may be individually, jointly or severally aggrieved by any determination made by the Stormwater Management Officer and/or the Appeals Board may apply to the Supreme Court of the State of New York for review of such decision under Article 78 of the Civil Practice Laws and Rules of the State of New York.

**SECTION 16. CORRECTIVE MEASURES AFTER APPEAL.**

- a. If an appeal under this Local Law has been pursued and the violation has not been corrected pursuant to the requirements set forth in the Notice of Violation, which has been administratively adjudicated under this Local Law, then within five (5) business days of the decision of the County authority upholding the decision of the Stormwater Management Officer, the Stormwater Management Officer shall request the owner's permission for access to the subject private property to take any and all measures reasonably necessary to abate the violation and/or restore the property.
- b. If refused access to the subject private property, the Stormwater Management Officer may seek a warrant in a court of competent jurisdiction to be authorized to enter upon the property, make any and all determinations which are authorized pursuant to this Local Law. Upon determination that a violation has occurred, and/or is continuing, the Stormwater Management Officer may seek a court order to take any and all measures reasonably necessary to abate the violation and/or restore the property. The cost of implementing and maintaining such measures shall be the sole responsibility of the discharger as set forth within Section 14.

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- c. Nothing in this section shall be read to limit, abrogate or otherwise affect the authority possessed by the Stormwater Management Officer pursuant to Section 10(a) of this Local Law.

**SECTION 17. PENALTIES.**

A. Administrative Sanctions.

- 1. Any person who violates the provisions of this Local Law, including any provision of any authorization issued, any condition set or fee required pursuant to this Local Law, shall be liable to the County of Ulster for a civil penalty of not more than \$3,000.00 (Three Thousand Dollars) for every such violation. Each consecutive day of the violation will be considered a separate offense. Such civil penalty may be recovered in any action brought by the County at the request and in the name of the County in any court of competent jurisdiction. Such civil penalty may be released or compromised by action of the County and any action commenced to recover the same may be settled and discontinued by the County. Any such penalty of the County shall be enforceable in an action brought in any court of competent jurisdiction. Any civil penalty or order issued by the County pursuant to the criteria set forth herein shall be reviewable in a proceeding pursuant to Article 78 of the State Civil Practice Law and Rules.

B. Criminal Sanctions.

- 1. Any person who violates the provisions of this Local Law, including any provision of any authorization issued, any condition set or fee required pursuant to this Law, shall, in addition, for the first offense, be guilty of violation punishable by a fine of not less than \$500.00 (Five Hundred Dollars) and not more than \$1,000.00 (One Thousand Dollars); for a second and

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each subsequent offense he/she shall be guilty of a misdemeanor punishable by a fine of not less than \$1,000.00 (One Thousand Dollars) nor more than \$2,000.00 (Two Thousand Dollars) or a term of imprisonment of not less than 30 (thirty) days or more than 6 (six) months or both. Each violation shall be deemed a separate and distinct offense, and in the case of continuing violation, each day in continuance thereof shall be deemed a separate and distinct offense.

C. Final Determination/Costs.

1. In addition to the foregoing remedies, any person who violates the provisions of this Local Law and is found guilty by a final administrative determination and/or a final adjudicated determination by a Court of competent jurisdiction shall be responsible for paying over to and reimbursing the Stormwater Management Office for all quantified costs, penalties and/or fines as may result from, or be imposed by, the Department, the EPA and/or any other enforcement agency pursuant to the Clean Water Act, the SPDES Regulatory and/or any other applicable statutory authority for such violation.

**SECTION 18. INJUNCTIVE RELIEF.**

It shall be unlawful for any person to violate any provision or fail to comply with any of the requirements of this Local Law. If a person has violated or continues to violate the provisions of this Local Law, the Stormwater Management Officer may petition for a preliminary or permanent injunction restraining the person from activities which would create further violations or compelling the person to perform abatement and/or remediation of the violation, and/or for such other further relief as any court of competent jurisdiction may order.

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**SECTION 19. ALTERNATIVE REMEDIES.**

- a. Where a person has been charged with violations of this Local Law and/or when a person has been determined to have violated a provision of this Local Law, he/she may be eligible for alternative remedies in lieu of a civil and/or criminal penalty, upon written recommendation of the County Attorney and concurrence of the Stormwater Management Officer, where a written determination is made that:
  1. the violation was unintentional;
  2. the violator has no history of previous violations of this Local Law;
  3. any environmental damage was minimal;
  4. the violator acted quickly to remedy violation; and
  5. the violator cooperated in investigation and resolution.
  
- b. Alternative remedies may consist of one or more of the following:
  1. Attendance at Stormwater Management compliance workshops.
  2. Storm drain stenciling and/or storm drain marking.
  3. Participation in community outreach programs concerning stormwater management. In the event of non-compliance with the foregoing alternative remedies, the County reserves the right to enforce any and all provisions of this Local Law.

**SECTION 20. REMEDIES NOT EXCLUSIVE.**

The remedies listed in this Local Law are not exclusive of any other remedies available under any applicable Federal, State or Local Law and it is within the discretion of the Stormwater Management Office. Nothing in this Local Law shall be read to preclude the enforcement by the County of Ulster of any other laws as may be applicable to illicit discharges, including but not limited

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to, statutory authorizations as set forth within the New York State Highway Law, the New York State County Law and the New York State Public Health Law.

**SECTION 21. ANNUAL REVIEW.**

The Stormwater Management Officer shall submit an annual report to the County Legislature not later than the first day of November of each year, concerning the administration, efficacy and enforcement of this Law. Such reports and recommendations shall assist the County to monitor and evaluate the extent to which the intent and purpose of this Local Law have been served.

**SECTION 22. COMPLIANCE WITH STATE ENVIRONMENTAL QUALITY REVIEW ACT.**

This Local Law has been duly reviewed and a determination as to significance upon the environment and associated Findings have been rendered by the County in accordance with SEQRA prior to this Laws adoption by the County [6 NYCRR Part 617, et seq].

**SECTION 23. CONFLICT WITH OTHER REGULATIONS.**

Where the standards and legal requirements of this Law are in conflict with other environmental and/or land use regulations, and/or other environmental protective measures, the more restrictive standards and legal requirements shall apply.

**SECTION 24. SEVERABILITY.**

If any article, section, subsection, paragraph, phrase or sentence of this Local Law is for any reason held invalid or unconstitutional by any court of competent jurisdiction, that portion shall be deemed a separate, distinct, and independent provision and such holding shall not affect the validity of the remaining portion hereof.

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**SECTION 25. GOVERNING LAW.**

This Local Law shall be interpreted under, construed by and governed pursuant to the Laws of the State of New York.

**SECTION 26. EFFECTIVE DATE.**

This Local Law shall take effect immediately.

**Adopted: December 12, 2007**

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**Exhibit A**

**COUNTY PROPERTIES WITHIN THE MS4 AREA**

<b>Building Name</b>	<b>Address</b>	<b>Property by SBL</b>	<b>Within Municipality of</b>
Information Services	27 South Manor Avenue	48.82-1-34	City of Kingston
Carr Building	1 Pearl Street	48.331-5-20	City of Kingston
Hutton Building	Golden Hill Lane	56.40-1-19	City of Kingston
Persen House	74 John Street	48.331-7-1	City of Kingston
Flatbush Annex	300 Flatbush Ave	48.74-3-14.100	City of Kingston
Probation Building	17 Pearl Street	48.331-5-16	City of Kingston
Public Works Building	313-317 Shamrock Lane	48.79-1-1	City of Kingston
Court House	285 Wall Street	48.331-7-5	City of Kingston
Ulster Avenue Office Complex	Development Court	48.66-1-6	Town of Ulster
U.C Probation Department	733 Broadway	56.92-2-19.111	City of Kingston
U.C.A.T	1 Danny Circle, Golden Hill	56.40-1-19	City of Kingston
Mental Health Building	Golden Hill Drive	56.40-1-19	City of Kingston
Infirmery	Golden Hill Drive	56.40-1-19	City of Kingston
Health Related Facility	Golden Hill Drive	56.40-1-19	City of Kingston
Ulster County Jail	Golden Hill Drive	56.40-1-19	City of Kingston
U.C Law Enforcement Center	380 Boulevard	56.48-2-6	City of Kingston
Community Correctional Facility	Golden Hill Drive	56.40-1-19	City of Kingston
Emergency Management	Golden Hill Drive	56.40-1-19	City of Kingston
Ulster County Office Building	244 Fair Street	48.331-5-1	City of Kingston
U.C Record Storage	300 Foxhall Avenue	48.82-1-27	City of Kingston
UC Highland Substation	171 Chapel Hill Rd	95.2-6-13	Town of Lloyd

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**ROAD LIST WITHIN MS4 AREA**

COUNTY ROAD #	COUNTY ROAD NAME	MILEAGE	TOWN	CATCH BASIN
89	Malden Tpk.	1.0	Saugerties	22
32	Kings Highway	0.5	Saugerties	4
118	Glasco Tpk.	1.5	Saugerties	47
34	Glasco Tpk.	1.6	Saugerties	6
33	Kings Highway	1.5	Saugerties	8
41	Leggs Mill Rd.	3.0	Ulster	11
90	Sawkill Rd.	0.1	Ulster	0
42, 10	Sawkill Rd.	1.0	Ulster/Kingston	17
157	Boices Lane	0.9	Ulster	47
152	Kukuk Lane	0.7	Ulster	1
124	Ulster Avenue	0.2	Esopus	0
151	Hurley Ave. Ext.	3.0	Ulster/Hurley	45
94	Zendhoak/DeWitt Mills Rd.	3.5	Hurley	17
50	Lucas Ave. Ext.	3.4	Ulster/Hurley	14
59	Lucas Tpk.	0.6	Rosendale	0
123	Lucas Tpk.	0.7	Rosendale	0
147	Kallop Rd.	0.5	Rosendale	0
8	Hurley Mtn. Rd.	0.1	Hurley	2
65	DeWitt Lake Rd.	1.5	Ulster/Rosendale	0
153	Eddyville Mountain Rd.	0.6	Ulster	0
146	Eddyville-Creek Locks Rd.	1.5	Ulster/Rosendale	0
73	Bloomington-Creek Locks-Rosendale Rd.	3.8	Rosendale	11
57	New Salem St.	0.7	Esopus	28
81	River Rd.	0.5	Esopus	4
113	Elting Rd.	1.5	Rosendale	28
18A	Springtown Rd.	0.6	Rosendale	12
11	South St.	0.6	Lloyd	3
159	New Paltz Rd.	3.3	Lloyd	20
84	Riverside Rd	1.4	Lloyd	3
24A	Tuckers Corners Rd.	0.3	Plattekill	0
67	Pancake Hollow Rd	0.3	Plattekill/Lloyd	0
116	Crescent Ave.	0.1	Plattekill/Lloyd	1
55	Orchard Rd.	0.8	Marlborough/Lloyd	3
108	Chapel Hill Rd.	1.1	Lloyd	15
16	Milton Tpk.	0.1	Marlborough	0
119	Milton-Milton Landing Rd.	0.1	Marlborough	5

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85	Lattintown Rd.	1.2	Marlborough	4
17	Lattintown Rd.-Western Ave.	1.5	Marlborough	43
69	Marlborough-Plattekill Rd.	2.3	Marlborough	11
25	Plattekill-Ardonia Rd.	1.0	Plattekill	2
112	Plains Rd.	0.8	Shawangunk	0
122	Wallkill Ave.	0.1	Shawangunk	15
<b>Total mileage within the MS4 area</b>		<b>49.5</b>	<b>Ulster County</b>	<b>449</b>

**BRIDGE LIST WITHIN THE MS4 AREA**

BRIDGE NO.	NAME	FEATURE CROSSED	TOWN	ROAD NAME
30	Mt. Marion	Plattekill Creek	Ulster/Saugerties	Leggs Mill Rd. (Co.Rd.41)
70	Sauer	Esopus Creek	Saugerties	Glasco Tpk. (Co.Rd.34)
77	Conyes	Plattekill Creek	Saugerties	Snyder Rd. (Town Rd.)
179	Bert Law	Plattekill Creek	Saugerties	Glasco Tpk. (Co.Rd.34)
152	Leggs Mill	Esopus Creek	Ulster	Leggs Mill Rd. (Co.Rd.41)
169	Sawkill School	Sawkill Creek	Ulster	Sawkill Rd. (Co.Rd.42)
149	Sawkill Church	Sawkill Creek	Kingston	Sawkill Rd. (Co.Rd.10)
74	Hurley	Esopus Creek	Hurley	Wynkoop Lane (Co.Rd.8)
71	Port Ewen	Mill Brook	Esopus	Salem St. (Co.Rd.57)
143	Rosendale	Rondout Creek	Rosendale	Elting Rd. (Co.Rd.113)
206		Abandoned RR ROW - West	Lloyd	Old New Paltz Rd. (Co.Rd.159)
207		Abandoned RR ROW - East	Lloyd	Old New Paltz Rd. (Co.Rd.159)
127	Wallkill	Wallkill River	Shawangunk	Hoagerburgh Rd. (Co.Rd.70)