

Ulster County Storm Water Management Program (MS4)

Draft Municipal Compliance Certification Form May 2, 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
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**Phase II SPDES General Permit for
Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4s), GP-02-02
MUNICIPAL COMPLIANCE CERTIFICATION (MCC) FORM**

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

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) 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
 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?

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 - 4th Floor, Albany, NY 12233-3505). **DO NOT SUBMIT REPORTS IN THREE-RING BINDERS.**



**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 - 4th 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>Permit Reference IV.C.1.a, 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"> • <i>Explain the program, including activities and materials used</i> • <i>Identify the personnel or outside organization conducting the activity.</i> • <i>Indicate activities planned for next year.</i> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: 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>Additional Techniques</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: 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>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:</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>Permit Reference IV.C.2.c.iii.: Design and conduct a public involvement / participation program.</p> <ul style="list-style-type: none"> • Describe activities that the MS4 has/will undertake to provide program access to interested individuals and to gather needed input. • Indicate activities planned for next year. 	<p>Describe Measurable Goals and Results (when applicable) Indicate: 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: http://www.co.ulster.ny.us/stormwater.html</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>Permit Reference IV.C.2.a, f: 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 ULSTER PUBLISHING NEWSPAPERS IN MAY 2008</p>	
<p>MS4 ANNUAL REPORT AND INVITATION FOR THE MS4 AR PRESENTATION WERE POSTED ON THE ULSTER COUNTY GOVERNMENT WEBSITE UNDER “STORMWATER”. http://www.co.ulster.ny.us/stormwater.html</p>	
<p>Permit Reference IV.C.2.e: Public presentation of; f: summary of comments received on; and g: intended response to comments on the SWMPAR.</p>	
<p>Summarize attendance at the public presentation of the Annual Report. Include number of attendees and who was represented:</p>	

Comments on Annual Report Meeting ___ No public comments received on Annual Report. ___ Comments received. Attach summary of comments and intended responses.	Date of Annual Report Meeting:	Approximate Date of Meeting Next Year: MAY 2009
Additional Techniques	Describe Measurable Goals and Results (when applicable) Indicate: 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	
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: 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>Permit Reference IV.C.3.a: 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"> • <i>Explain the activities and procedures used to meet this requirement this year <u>and planned for next year.</u></i> • <i>Revise as procedures are updated.</i> • <i>Identify personnel or outside organization conducting the activities</i> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p> <ul style="list-style-type: none"> • <i>Example measurable goals: number of illicit discharges detected; number of illicit discharges eliminated.</i>
<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: http://www.co.ulster.ny.us/stormwater.html</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>Permit Reference IV.C.3.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"> • field verification of outfall locations; • mapping all inter-municipal subsurface conveyances; • delineating storm sewershed; and • developing and retaining MS4 mapping as needed to find the source and identify illicit discharges. <i>State if maps are in GIS.</i> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p> <ul style="list-style-type: none"> • <i>Example measurable goals: percent of outfalls mapped</i>
<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

Permit Reference IV.C.3.c: 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. See the instructions for information about completing this section.	
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)
Assessment of Regulatory Mechanism (Local Code)	
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
Development of Regulatory Mechanism (Local Codes)	
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 local code(s) 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: http://www.co.ulster.ny.us/resolution-archives/2007/425-07.pdf

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>Permit Reference IV.C.3.e: 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"> • <i>Explain activities and materials used to meet this requirement this year <u>and</u> planned for next year</i> • <i>Identify personnel or outside organization conducting activities</i> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: 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>Additional Techniques</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: 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>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:</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. ___ Did not do preliminary assessment; proceeded directly to Gap Analysis Worksheets 1-4 or adopted <i>Sample Local Law for Stormwater Management and Erosion & Sediment Control</i> (Sample Local Law).
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2. If preliminary assessment was completed, indicate the results.	___ If none of Sample Local Law provisions appear in local code; consider adopting Sample Local Law or equivalent ___ If few Sample Local Law provisions appear in local code; major revisions needed or consider adopting Sample Local Law or equivalent ___ 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"> • If no portions of the Sample Local Law were moved or deleted, all provisions would be exactly the same as the Sample Local Law. • 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. 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 exactly the same as the Sample Local Law language	Existing clauses equivalent 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 adopted , listed as legislative agenda 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>Permit Reference IV.C.4.b. v: 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"> • Describe the procedures below. <u>Revise as procedures are updated.</u> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p> <ul style="list-style-type: none"> • Example measurable goals: number of plans received; number of plans reviewed; percent of plans received that are reviewed.
<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>Permit Reference IV.C.4.b. vi: Develop and implement procedures for the receipt and consideration of information submitted by the public.</p> <ul style="list-style-type: none"> • Explain the procedures below. <u>Revise as procedures are updated.</u> • Identify the responsible personnel or outside organizations. 	<p>Describe Measurable Goals and Results (when applicable) Indicate: 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>Permit Reference IV.C.4.b. iii, vii: 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"> Describe each procedure below. <u>Revise as procedures are updated.</u> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p> <ul style="list-style-type: none"> Example measurable goals are number of: inspections; fines assessed; stop work orders; other sanctions.
<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>Permit Reference IV.C.4.b. viii: Educate and train construction site operators about requirements to develop and implement a SWPPP and any other requirements they must meet within the MS4s jurisdiction.</p> <ul style="list-style-type: none"> Explain the activities and materials used to meet this requirement. Identify the personnel or outside organization conducting this activity. Indicate activities planned for next year. 	<p>Describe Measurable Goals and Results (when applicable) Indicate: 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>Additional Techniques</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>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:</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.

Permit Reference IV.C.5.a, c. 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:	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
<ul style="list-style-type: none"> A combination of structural and/or non-structural management practices. <i>Identify and describe below procedures to ensure installation of post-construction management practices. <u>Revise as procedures are updated.</u></i> 	DO NOT ENTER INFORMATION IN THIS CELL
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.	AN OPERATION AND MAINTENANCE SHEDULE WILL BE DEVELOPED FOR BOTH THE OIL/WATER SEPARATOR AND THE VORTECHS UNITS.
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.	THE POLLUTION PREVENTION PLAN INCLUDES PREVENTIVE MAINTENANCE MEASURES, MATERIAL HANDLING, STORAGE BMPS, AND PROPER WASTE HANDLING.
OPERATION AND MAINTENANCE SCHEDULES WERE DEVELOPED FOR THE ULSTER COUNTY AREA TRANSIT (UCAT) AND LAW ENFORCEMENT CENTER (UCLEC).	BOTH FACILITIES HAVE A SCHEDULED MAINTENANCE PROGRAM.
DEPT. OF BUILDINGS AND GROUNDS (B&G): PREVENTIVE MAINTENANCE (PM) PROGRAM IS IN EFFECT FOR SEPTIC SYSTEMS, ROOFS, TOWERS, EROSION, POLLUTANTS, DUMPSTERS, AND GENERAL PROPERTIES.	THIS PM PROGRAM CONTINUES IN 2008.
<ul style="list-style-type: none"> Procedures for site plan and SWPPP review to ensure SWMPs meet state standards. <i>Describe procedures below. <u>Revise as procedures are updated.</u></i> 	<ul style="list-style-type: none"> <i>Example measurable goals include: number of plans received; number of plans reviewed; percent of plans received that are reviewed.</i>
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.	THE SITE PLAN REVIEW PROCEDURE AND THE COUNTY REQUIREMENTS ARE DESCRIBED IN THE NARRATIVE.
THE COUNTY ALSO ESTABLISHED A SITE PLAN REVIEW PROCESS FOR COUNTY–OWNED CONSTRUCTION PROJECTS. THE REVIEW PROCEDURE IS DESCRIBED IN THE NARRATIVE.	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.

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.

Permit Reference IV.C.5.a, c. (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:	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
<ul style="list-style-type: none"> • Procedures for inspection and maintenance of post-construction management practices. • <i>Explain procedures below. <u>Revise as procedures are updated.</u></i> 	<ul style="list-style-type: none"> • <i>Example measurable goals are number of: inspections maintenance activities performed.</i>
<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"> • Procedures for enforcement and penalization of violators. • <i>Explain procedures below. <u>Revise as procedures are updated.</u></i> 	<ul style="list-style-type: none"> • <i>Example measurable goals: number enforcement activities performed.</i>
<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>Permit Reference IV.C.5.a, c. (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>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • Adequate resources for a program to inspect new and re-development sites and for enforcement and penalization of violators. • <i>Describe resources below. Update annually.</i> 	<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>Additional Techniques</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: 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>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:</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"> • This table is for MS4s to report on their OVERALL Municipal Pollution Prevention / Good Housekeeping Program. • A separate table follows that is for MS4s to report on management practices performed in identified municipal operations. • 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>Permit Reference IV.C.6.a: Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from municipal operations to the MEP.</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • <i>List pollutants that will be addressed by the municipal pollution prevention program.</i> 	
<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"> • <i>Set and describe pollution prevention priorities by geographic areas, municipal operation type, and facilities.</i> 	<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>Permit Reference IV.C.6.a: Include a municipal pollution prevention training component for staff (where all staff are trained).</p> <ul style="list-style-type: none"> • <i>Explain activities and materials used to meet this requirement.</i> • <i>Identify training needs and design training components</i> • <i>Determine the adequacy and appropriate frequency of staff training.</i> • <i>Identify personnel or outside organization conducting activities.</i> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>

<p>THE COUNTY PURCHASED 3 SETS OF EMPLOYEE TRAINING MATERIAL FOR POLLUTION PREVENTION/GOOD HOUSEKEEPING.</p>	<p>THIS TRAINING MATERIAL, NAMED “MUNICIPAL 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>Additional Techniques</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: 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>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:</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"> • 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>Permit Reference IV.C.6.a, c: 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"> • Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities. 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • Briefly describe or reference any existing policies and procedures • Briefly describe or reference any policies and procedures being developed 	<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"> • Briefly describe or reference any existing best management practices • Briefly describe or reference any planned best management practices 	<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"> • Identify and describe the equipment and staff that are in place 	<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"> • 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>Permit Reference IV.C.6.a, c (continued): Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from municipal operations to the MEP.</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • <i>Assess if existing programs adequately reduce and/or prevent pollutant discharges</i> • <i>Determine and list any operation type, location or facility that is in need of modification or updates.</i> 	<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>Permit Reference IV.C.6.a: If there is a training component for staff specific to these municipal operations:</p> <ul style="list-style-type: none"> • <i>explain the activities and materials;</i> • <i>identify the personnel or outside organization conducting the activities.</i> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: 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>Additional Techniques</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>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: 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: _____

<ul style="list-style-type: none"> • 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>Permit Reference IV.C.6.a, c: 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"> • Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities. 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • Briefly describe or reference any existing policies and procedures • Briefly describe or reference any policies and procedures being developed 	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"> • Briefly describe or reference any existing best management practices • Briefly describe or reference any planned best management practices 	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"> • Identify and describe the equipment and staff that are in place 	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; ___ 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"> • 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>Permit Reference IV.C.6.a, c (continued): Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from municipal operations to the MEP.</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • <i>Assess if existing programs adequately reduce and/or prevent pollutant discharges</i> • <i>Determine and list any operation type, location or facility that is in need of modification or updates.</i> 	<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>Permit Reference IV.C.6.a: If there is a training component for staff specific to these municipal operations:</p> <ul style="list-style-type: none"> • <i>explain the activities and materials;</i> • <i>identify the personnel or outside organization conducting the activities.</i> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: 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>Additional Techniques</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>

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:

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"> • 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>Permit Reference IV.C.6.a, c: 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"> • Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities. 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • Briefly describe or reference any existing policies and procedures • Briefly describe or reference any policies and procedures being developed 	<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"> • Briefly describe or reference any existing best management practices • Briefly describe or reference any planned best management practices 	<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"> • Identify and describe the equipment and staff that are in place 	<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"> • 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>Permit Reference IV.C.6.a, c (continued): Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from municipal operations to the MEP.</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • <i>Assess if existing programs adequately reduce and/or prevent pollutant discharges</i> • <i>Determine and list any operation type, location or facility that is in need of modification or updates.</i> 	<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>Permit Reference IV.C.6.a: If there is a training component for staff specific to these municipal operations:</p> <ul style="list-style-type: none"> • <i>explain the activities and materials;</i> • <i>identify the personnel or outside organization conducting the activities.</i> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: 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>

RESPONSE, 4. OUTDOOR STORAGE OF MATERIALS AND WASTES.	
Additional Techniques	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
BATTERY RECYCLING PROGRTRAM	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.
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:	

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"> • 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>Permit Reference IV.C.6.a, c: 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"> • <i>Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities.</i> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • <i>Briefly describe or reference any existing policies and procedures</i> • <i>Briefly describe or reference any policies and procedures being developed</i> 	<p>DO NOT ENTER INFORMATION IN THIS CELL</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"> • <i>Briefly describe or reference any existing best management practices</i> • <i>Briefly describe or reference any planned best management practices</i> 	<p>DO NOT ENTER INFORMATION IN THIS CELL</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"> • <i>Identify and describe the equipment and staff that are in place</i> 	<p>DO NOT ENTER INFORMATION IN THIS CELL</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"> • 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>Permit Reference IV.C.6.a, c (continued): Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from municipal operations to the MEP.</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • <i>Assess if existing programs adequately reduce and/or prevent pollutant discharges</i> • <i>Determine and list any operation type, location or facility that is in need of modification or updates.</i> 	<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>Permit Reference IV.C.6.a: If there is a training component for staff specific to these municipal operations:</p> <ul style="list-style-type: none"> • <i>explain the activities and materials;</i> • <i>identify the personnel or outside organization conducting the activities.</i> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: 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 & 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>Additional Techniques</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: 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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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:

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"> • 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>Permit Reference IV.C.6.a, c: 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"> • Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities. 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • Briefly describe or reference any existing policies and procedures • Briefly describe or reference any policies and procedures being developed 	DO NOT ENTER INFORMATION IN THIS CELL
ULSTER COUNTY HAS A GARBAGE PICK-UP CONTRACT. TRASH IS PICKED UP WEEKLY.	CONTRACT WITH "ROYAL CARTING SERVICE CO".
ONE 40 CY ALL PURPOSE DUMPSTER IN THE KINGSTON HIGHWAY GARAGE (QUARRY) IS PICKED UP AND REPLACED ON THE COUNTY'S REQUEST.	CONTRACT WITH "ROYAL CARTING SERVICE CO".
THE COUNTY HAS A CONTRACT TO RECYCLE OFFICE PAPER, WASTE MAIL & MAGAZINES, NEWSPAPERS AND CARDBOARDS.	CONTRACT WITH "ROYAL CARTING SERVICE CO".
<ul style="list-style-type: none"> • Briefly describe or reference any existing best management practices • Briefly describe or reference any planned best management practices 	DO NOT ENTER INFORMATION IN THIS CELL
METAL RECYCLING	CONTRACT WITH "MILLENS STEEL".
LIGHT BULBS ARE RECYCLED	CONTRACT WITH SUPPLIER (GRAINGER) TO RECYCLE
<ul style="list-style-type: none"> • Identify and describe the equipment and staff that are in place 	DO NOT ENTER INFORMATION IN THIS CELL
ALL THE TRASH CONTAINERS ARE COVERED, EXCEPT THE ONE 40 CY DUMPSTER IN THE (QUARRY).	ULSTER COUNTY PUBLIC WORKS PLANS TO PLACE THIS TRASH CONTAINER UNDER COVER IN 2008.

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"> • 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>Permit Reference IV.C.6.a, c (continued): Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from municipal operations to the MEP.</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • <i>Assess if existing programs adequately reduce and/or prevent pollutant discharges</i> • <i>Determine and list any operation type, location or facility that is in need of modification or updates.</i> 	<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>Permit Reference IV.C.6.a: If there is a training component for staff specific to these municipal operations:</p> <ul style="list-style-type: none"> • <i>explain the activities and materials;</i> • <i>identify the personnel or outside organization conducting the activities.</i> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: 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>Additional Techniques</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>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:</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

- 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.

Permit Reference IV.C.6.a, c: Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from **the municipal operation(s) indicated above** to the MEP.

- *Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities.*

Describe Measurable Goals and Results (when applicable)
Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)

- *Briefly describe or reference any existing policies and procedures*
- *Briefly describe or reference any policies and procedures being developed*

DO NOT ENTER INFORMATION IN THIS CELL

- *Briefly describe or reference any existing best management practices*
- *Briefly describe or reference any planned best management practices*

DO NOT ENTER INFORMATION IN THIS CELL

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.”

- *Identify and describe the equipment and staff that are in place*

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

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

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

Permit Reference IV.C.3.c: 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.		
1) When was this work completed or planned to be completed?	Date completed: _____ <input type="checkbox"/> Not yet completed Plan to complete for reporting in year: ___4; ___5.	
2) 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 _____ _____
3) 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 _____ _____
4) Explain how the MS4 intends to prohibit illicit discharges if: <ul style="list-style-type: none"> • none of the mechanisms in number 2 contain language prohibiting illicit discharges; or • the MS4 intends to add language to prohibit illicit discharges in other control mechanisms. 	Explanation:	
5) 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

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. The MS4s have until year 5 to complete this work.	
1) When was this work completed or planned to be completed?	Date completed: MARCH 7, 2008 ___ Not yet completed Plan to complete for reporting in year: ___4; ___5.
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)).	
<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>
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.	
Control Mechanism	<u>Erosion, Sedimentation and Stormwater Management Requirements</u>
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.

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

More 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 undergone 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

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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

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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_{pv}), 10 year (Q_p), and the 100 year (Q_f) 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).