



**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: Town of Beekman **SPDES Permit Number:** NYR20A 3 6 5

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: John Adams		Title: Supervisor	Department: N/A
Mailing Address:	Street or P.O. Box: 4 Main Street	City: Poughquag	
	County: Dutchess	State: New York	Zip Code: 12570-9601
Phone: (845) 724-5300 x239		E-mail Address: jadams@townofbeekman.com	
Local Stormwater Public Contact (Required by Minimum Measure 2)			
Is information below: 1) new or changed? ___ Yes <u> X </u> No 2) same as: <u> X </u> Owner/Operator			
Name:		Title:	Department:
Mailing Address:	Street or P.O. Box:	City:	
	County:	State:	Zip Code:
Phone: ()		E-mail Address:	
Stormwater Management Program (SWMP) Coordinator (Responsible for implementation/coordination of SWMP)			
Is information below: 1) new or changed? ___ Yes <u> X </u> No 2) same as: <u> X </u> Owner/Operator ___ Local Stormwater Public Contact			
Name:		Title:	Department:
Mailing Address:	Street or P.O. Box:	City:	
	County:	State:	Zip Code:
Phone: ()		E-mail Address:	
Annual Report Preparer			
Is information below: 1) new or changed? ___ Yes <u> X </u> No 2) same as: ___ Owner/Operator ___ Local Stormwater Public Contact ___ SWMP Coordinator			
Name: Michael W. Soyka, PE		Title: Town Engineer	Department:
Mailing Address:	Street or P.O. Box: 40 Garden Street	City: Poughkeepsie	
	County: Dutchess	State: NY	Zip Code: 12601
Phone: (845) 452-7515		E-mail Address: msoyka@rsaengrs.com	

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
NYC East of Hudson Watershed	Phosphorous		X

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: Final regulations were promulgated on May 1, 2008 by Permit No. GP-0-08-002. Changes to the SWMP will be implemented prior to April 30, 2008

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

Dutchess County MS4 Coordination Committee: Towns of Poughkeepsie, LaGrange, Pawling, Pleasant Valley; Fishkill; Villages of Fishkill and Pawling; City of Beacon; City of Poughkeepsie; Towns of East Fishkill, Hyde Park and Wappinger; Village of Wappingers Falls

List MS4 Partners with Planned Legally Binding Agreements or Contracts

List MS4 Partners with Other Agreements in Place

Dutchess County Soil and Water Conservation Service; County of Dutchess

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? X 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: Funding received from municipal budget: In house labor to clean catchbasins (\$10,000); Street sweeping by contract (\$21,5000)

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 measures, 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 <input type="checkbox"/> No <input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
IV.C.2.	Public Involvement / Participation Explain 'no' / 'N/A' answer:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
IV.C.3.	Illicit Discharge Detection and Elimination Explain 'no' / 'N/A' answer: The local ordinance Chapter 127, Article 1, Illicit Discharges, Activities and Connections was adopted on December 17, 2007	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
IV.C.4.	Construction Site Stormwater Runoff Control Explain 'no' / 'N/A' answer:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
IV.C.5.	Post-Construction Stormwater Management Explain 'no' / 'N/A' answer: Best Management Practices inspection and maintenance program for existing Practices was not developed as expected. It is planned for Years 6 and 7.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
IV.C.6.	Pollution Prevention / Good Housekeeping for Municipal Operations Explain 'no' / 'N/A' answer:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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: John D. Adams Title: Supervisor

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: Town of Beekman **SPDES Permit Number:** NYR20A_3_6_5_

Annual Report Table for year ending: March 9, X 2006 (Year 3) 2007 (Year 4) 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>
Develop Town website with links to Soil & Water Conservation Office	Completed on 02/21/06
Provide printed material from Soil and Water Conservation Office in Town Hall	Ongoing. Copies of Dutchess County Soil and Water’s annual newsletter “Conservation News” were available at Town Hall. 21 copies of this same brochure were mailed to local residents.
Store educational references in the new town library	Ongoing. Educational references from the Soil and Conservation District are stored in the town Library
Invite representatives of Soil and Water Conservation to the annual Community Day celebration	Ongoing. Representatives are invited annually.
Low impact development: encourage cul-de-sacs with landscaped centers	Subdivision regulations are being revised to codify this requirement. The revisions are expected to be adopted after the completion of the Town’s Comprehensive Plan. In the mean time, three (3) subdivisions have voluntarily agreed to a landscaped cul-de-sac. They are Poughquag Country Acres, Martin Road Subdivision and Victoria Estates II.
In Class A soils discourage curbs and encourage evenly sloped sides for natural drainage	There were no subdivisions with Class A soils developed during this reporting period.
Water conservation: Encourage sunken islands in parking lots for aquifer recharge	There were no parking lots developed that required islands during this reporting period.
<p>Additional Techniques</p>	<p>Describe Measurable Goals and Results (when applicable)</p>

	Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
Prepare an article concerning stormwater pollution control for the Town Newsletter.	Ongoing. The Town Newsletter is prepared twice a year containing articles concerning stormwater pollution control for homeowners. It is mailed to approximately 6,400 homes and businesses in the Town of Beekman. The newsletter, which is posted on the Town’s website, also provides information regarding the Annual Town Clean Up, road sweeping, recycling and hazardous materials disposal.
TMDL Discharges	TMDL discharges will be addressed prior to April 30, 2010 now that the Heightened Permit Requirements for MS4’s in the East of Hudson Watershed are in effect. The portion of Beekman within the watershed represents only about 5% of the Town’s total area; is sparsely inhabited and has seen no development during years 1 through 5.
Special Audiences	<p>Three Conservation Advisory Committee (CAC) members completed the Hudsonia Biodiversity Program.</p> <p>The CAC participated in the Town of Beekman “Adopt-a-Highway Program.</p> <p>CAC members attended numerous education seminars conducted by Cornell Cooperative Extension Dutchess County.</p> <p>Initiated and received a matching grant of \$7,873 for the Beekman/Fishkill Creek Recreational Access Project and a matching grant of \$42,000 for a habitat mapping program.</p> <p>Increased involvement and coordination with the Town of Beekman Planning Board.</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: No changes were made.	

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>Provide printed material from Soil and Water Conservation Office in Town Hall</p>	<p>Ongoing. Copies of Dutchess County Soil and Water’s annual newsletter “Conservation News” were distributed. Copies of Preventing Stormwater Pollution: Tips for Homeowners were available in Town Hall.</p>	
<p>Store educational reference materials in the new town library</p>	<p>Ongoing. Educational references from the Soil and Conservation District are stored in the town Library</p>	
<p>Identify contact person</p>	<p>Completed.</p>	
<p>Public Hearing on SWMP and annual reports</p>	<p>Scheduled for May 19, 2008 for year 5.</p>	
<p>Advisory partner with Soil and Water Conservation Office</p>	<p>Completed and ongoing.</p>	
<p>Become active in the Fishkill Creek Watershed Planning Committee</p>	<p>Ongoing. The chair of the Beekman Conservation Advisory Committee represents the Town of Beekman at the meetings of the Fishkill Creek Watershed Committee. Meetings are held on the first Monday of each month.</p>	
<p>Become active in the Fishkill Creek Watershed Intermunicipal Council</p>	<p>N/A. This council is not active or does not exist.</p>	
<p>Establish adopt a stream program</p>	<p>Will pursue via the Fishkill Creek Watershed Committee in year 6.</p>	
<p>Sweep all Town roads once annually</p>	<p>Ongoing. 100% of the Town roads are swept annually. Task is completed in the spring of each year.</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 is notified by a Legal Notice published in the Town’s official newspaper and on the Town’s website via the posting of the Town Board Meeting agenda.</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>		
<p>Comments on Annual Report Meeting <input checked="" type="checkbox"/> No public comments received on Annual Report. <input type="checkbox"/> Comments received. Attach summary of comments and intended responses.</p>	<p>Date of Annual Report Meeting: May 19, 2008</p>	<p>Approximate Date of Meeting Next Year: May 18, 2009</p>

Additional Techniques	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
1,200 seedlings were distributed by DCSWCD to residents in the Town of Beekman, enough to cover 2.94 acres at the standard spacing for plantings.	Ongoing. Will continue each year.
Town of Beekman Conservation Advisory Council	<p style="text-align: center;"><u>Town of Beekman CAC</u></p> <p>2007 Accomplishments</p> <ul style="list-style-type: none"> • 3 CAC members completed the Hudsonia Biodiversity Training Program. • CAC members attended numerous education seminars conducted by CCEDC. • The CAC continued its activity in the Town of Beekman “Adopt-a-Highway” Program. • Initiated and subsequently received approval four two environmental grants: <ul style="list-style-type: none"> ○ A matching grant of \$7,873 for the Beekman/Fishkill Creek Recreational Access Project. ○ A matching grant of \$42,000 from the Hudson River Estuary Program for a habitat mapping project. • Increased involvement and coordination with the Town of Beekman Planning Board. • Provided environmental input to the Town of Beekman Comprehensive Plan as well as to the Comprehensive Zoning and Update Committee, Wetland/Waterbody and Steep Slopes Law.
<ul style="list-style-type: none"> • Adopt-a-Highway 	<ul style="list-style-type: none"> • Ongoing. The following roads have been adopted: • Appalachian Trail – Friends of the Appalachian Trail • Beach Road – Town of Beekman Conservation Advisory Council • Beekman Road – Mountain View Landscaping • Beekman Poughquag Road and Church Street – Beekman Town Board • Community Walkway – Thom and April Usher • Depot Hill Road – Friends of the Appalachian Trail • Gardner Hollow Road – Concerned Citizens of Gardner

Hollow Road

- North White Rock Road – Small Engine DOC
- Recreation Road – Beekman Auto Body

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: Remove membership in the Fishkill Creek Watershed Intermunicipal Council as a goal. This organization is inactive or does not exist. Its functions would be covered by the Fishkill Creek Watershed Council.

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><u>Revise as procedures are updated.</u></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>
Revise existing erosion and sediment control ordinance	Completed. The NYS Model Ordinance was adopted on September 12, 2005.
Illicit discharges prohibited	Completed. The NYS Model Ordinance was adopted on December 17, 2007.
Develop public notification of hazards from illicit discharges	Ongoing. Town newsletter article prepared 02/13/08 concerning illicit discharge from car washing.
Identify illicit discharges	Ongoing. The Highway Department cleaned 792 out of about 1600 catchbasins in the Town. No illicit discharges were detected. One half of the storm sewer system is scheduled for cleaning and inspection each year. During the course of the cleaning, inspections for illicit discharges are simultaneously performed. The work is performed from June through October.
Perform annual system inspections	Ongoing. See above.
Identify failing septic systems	Ongoing. One (1) failed septic systems were identified in Year 5. There was no discharge from this failed system to any stream or to the storm sewer system.
<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, including work on the following IDDE guidance prerequisites:</u></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>
Map existing outfalls.	Completed in 2005. 100% of the Town's outfalls were mapped in

	2005 following the NYSDEC protocol. Hard copies were produced in December 2007. The storm sewersheds are also delineated on this map. Maps are in GIS.
Map new outfalls as they are created	Ongoing. No new outfalls have been created since the completion of the initial mapping.

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>December 17, 2007 by Local Law No. 10-2007</u> <input type="checkbox"/> Not yet completed (proceed to next table) 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 17, 2007 by Local Law No. 10-2007</u> <input type="checkbox"/> Not yet completed (proceed to next table) 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 checked="" 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"/> Language equivalent to NYS IDDE Model Law
9) What was the date or is the planned date of local law adoption?	Date: December 17, 2007
10) Provide a web address if adopted local law can be found on a web site.	Web Address: www.townofbeekman.com -- Codes link

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 planned for next year</u></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>Town website posts the Town Newsletter which addresses proper hazardous waste disposal. The newsletter is also mailed to every property in the Town (approximately 6,400)</p>	<p>Ongoing. Continue to address illicit discharges and hazardous waste disposal protocols in the Town Newsletter.</p>
<p>Public employees receive training from the Dutchess County Soil and Water Conservation District (DCSWCD)</p>	<p>Ongoing. The publication Pollution Prevention and Good Housekeeping for Municipal Operations was distributed to nine (9) personnel in the Highway Department.</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 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 type="checkbox"/> No (go to ADDENDUM 2) <input checked="" type="checkbox"/> Yes (complete questions below)
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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: _____ <input type="checkbox"/> Not yet completed (proceed to next table) Plan to complete for reporting in year: ___4; ___5. <input checked="" type="checkbox"/> Did not do preliminary assessment; proceeded directly to Gap Analysis Worksheets 1-4 or adopted <i>Sample Local Law for Stormwater Management and Erosion & Sediment Control (Sample Local Law)</i> .
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2. If preliminary assessment was completed, indicate the results.	<input type="checkbox"/> If none of Sample Local Law provisions appear in local code; consider adopting Sample Local Law or equivalent <input type="checkbox"/> If few Sample Local Law provisions appear in local code; major revisions needed or consider adopting Sample Local Law or equivalent <input type="checkbox"/> If most of the Sample Local Law provisions appear in local code; minor revisions needed
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Assessment and Development of Regulatory Mechanism (Local Code) (continued on next page)

3. When was the Gap Analysis or equivalent process completed or when will it be completed?	Date completed: _____ N/A _____ <input type="checkbox"/> Not yet completed (proceed to next table) Plan to complete work below for reporting in year: ___4; ___5.
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4. How was / will the local code 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. <input checked="" type="checkbox"/> 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. <input type="checkbox"/> Parts of NYS Sample Local Law adopted as amendments to existing code. c. <input type="checkbox"/> 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.

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

MS4s that adopt the entire Sample Local Law as amendments to existing code or as stand alone law need to indicate the number of provisions 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 PROVISIONS IN LOCAL LAW		
	Existing provisions exactly the same as the Sample Local Law language	Existing provisions 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			5
2			51
3, 4, 5			3
6			9
TOTAL			71

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:

Chapter 71, Erosion and Sediment Control; Law was repealed in its entirety and replaced with the model law.

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

Date: September 12, 2005

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

Web Address: www.townofbeekman.com

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"> • <i>Describe the procedures below. <u>Revise as procedures are updated.</u></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 plans received; number of plans reviewed; percent of plans received that are reviewed.</i>
<p>Plans are received monthly for presentation to the Planning Board. The Town Engineer, a licensed Professional Engineer, reviews these plans, for compliance with the subdivision regulations, site plan ordinance and the stormwater management and erosion control local law.</p>	<p>Ongoing. 100% of the subdivision and site plans received were reviewed.</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"> • <i>Explain the procedures below. <u>Revise as procedures are updated.</u></i> • <i>Identify the responsible personnel or outside organizations.</i> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>All projects requiring review for compliance with the stormwater local law appear before the Planning Board. Prior to making a SEQR determination and granting preliminary approval, a public hearing as announced by a legal notice in the official town newspaper, is scheduled. The agenda for the Planning Board meeting is also posted on the Town’s website. The public may present either written or oral comments at the public hearing. Written comments may also be presented directly to the Town Clerk or the Planning Board.</p>	<p>Ongoing. A public hearing was held for 100% of the projects subject to review under the local stormwater law.</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>Inspections of sites are conducted upon receipt of a complaint.</p>	<p>Ongoing. There were no complaints received. There were no fines assessed or citations issued.</p>
<p>Inspect all construction sites bi-weekly..</p>	<p>The Town of Beekman Building Inspectors received instruction on Proper Erosion and Sediment Control procedures on February 27, 2008. Inspections began in Year 6 and are conducted at least biweekly, and often times weekly.</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>Training is provided by DCSWCD</p>	<p>Ongoing. DCSWWCD conducted training on proper erosion and sediment control; principals for land contractors, landscapers and qualified construction site inspectors on February 27, 2008. There were 87 attendees for the full day course.</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>TMDL</p>	<p>TMDL within the NYC Watershed will be addressed prior to April 30, 2010. The Heightened Permit Requirements for MS4's in the East of Hudson Watershed were adopted on May 1, 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>	

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
Town Engineer inspects practices during and after construction and prior to operation. Provides written reports to the Building Inspector per the stormwater management local law.	Ongoing. Inspections were performed on complaint this reporting period. There were no complaints received. No new stormwater facilities were turned over to the Town in Year 5.
<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>
The procedure for SWPPP Plan review is enumerated in the stormwater management local law.	Ongoing. 100% of the plans that were received were reviewed.

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>
Inspect outfalls and SMP's every two years	Ongoing. Each outfall and SMP is visually inspected as the catchbasins contributing to them are cleaned. Two SMMP's (2) have been identified as requiring tree removal. These are scheduled for maintenance in Year 6..
Record the results of inspections of outfalls for future reference	A sub-committee of the Dutchess County MS4 Coordination Committee will prepare the required form for use starting in 2008.
<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>
The local law for stormwater management contains penalty clauses for violators.	No enforcement actions were required this reporting period.
Training of local staff	Ongoing. The Town depends of the Dutchess County Soil and Water Conservation District to provide training. Training in erosion and sediment control was provided on February 27, 20008

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>An inspection fee is charged for each new or re-development project.</p>	<p>Ongoing. No complaints were received and no inspections were conducted. However, beginning in Year 6, inspections on at least a bi-weekly basis will be conducted by the Beekman Building Department</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> <ul style="list-style-type: none"> ○ The inspection frequency of outfalls and SMP's was added ○ The development of an inspection reporting form was added ○ Inspections by the Building Department were added 	

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. 	
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.	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"> • <i>List pollutants that will be addressed by the municipal pollution prevention program.</i> 	
Sediment Phosphorous	
<ul style="list-style-type: none"> • <i>Set and describe pollution prevention priorities by geographic areas, municipal operation type, and facilities.</i> 	DO NOT ENTER INFORMATION IN THIS CELL
Sweep the Town roads annually	Ongoing. All 64 miles of the Town’s roads were swept this reporting period.
Clean one-half of all catchbasins annually	792 of the Town’s 1600 catchbasins were cleaned in Year 5. 1020 feet of clogged pipe was cleared during the catchbasin cleaning operations. Approximately 80 cubic yards of material was removed.
Permit Reference IV.C.6.a: Include a municipal pollution prevention training component for staff (where all staff are trained).	
<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> 	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
Pollution prevention training is provided by the DCSWCD	2 Highway Department personnel were trained on April 3, 2007. Annual training of Highway personnel is the goal. Training was not available in Year 4.
Additional Techniques	
Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)	

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:

- Changed “Clean all catchbasins” to “Clean one-half of all catchbasins annually”

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: _____

- 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. <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> 	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"> • <i>Briefly describe or reference any existing policies and procedures</i> • <i>Briefly describe or reference any policies and procedures being developed</i> 	DO NOT ENTER INFORMATION IN THIS CELL
There are no written policies in place concerning road sweeping or catchbasin cleaning. The goal is to sweep all roads once per year and to clean as many catchbasins as possible each year.	Develop written policy by the end of Year 5. This goal was not met, although all of the Town's roads were swept and one-half of the catchbasins were cleaned
<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> 	DO NOT ENTER INFORMATION IN THIS CELL
There are none.	Develop BMP manual by the end of Year 5. This goal was not met. Continued effort will be made to have a manual of best management practices for the next reporting period.
<ul style="list-style-type: none"> • <i>Identify and describe the equipment and staff that are in place</i> 	DO NOT ENTER INFORMATION IN THIS CELL
The town owns a vac-truck and jet-truck for catchbasin and plugged drain cleaning.	N/A

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: _____

- 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 (continued): Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from municipal operations to the MEP.	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"> • <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> 	DO NOT ENTER INFORMATION IN THIS CELL
Prevent discharge of pollutants by municipal operations	Ongoing. Pollutants are not routinely discharged.
Obtain the DEC NPS Management Practices Catalog	Completed in May 2005
Implement 25% of the required management practices by 03/05	Not completed
Implement the next 25% of the required management practices by 03/06	Not completed
Implement the next 25% of the required management practices by 03/07	Not completed
Implement the last 25% of the required management practices by 03/08	The DEC NPS Management Practices Catalog is used as the Manual of Management Practices
Conduct employee pollution training in conjunction with DCSWCD annually	Ongoing. Highway Department personnel (2 members) were trained on April 3, 2007. Continue with annual training.
Recycle all used oil and anti-freeze	Ongoing. All used oil and anti-freeze is recycled. Continue to recycle used oil and anti-freeze. Approximately 200 gallons of oil were recycled in Year 5.
Sweep all town roads annually	Ongoing. 64 miles of town roads were swept this year.
Take soil samples of recreation fields for proper nutrient management every three years	Ongoing. Soil samples were taken in Year 4 and will continue
Wash town owned vehicles on pervious surfaces	Ongoing. Town owned vehicles are washed on an impervious surface that drains to an infiltration basin. There is no discharge to stormwater collection system.
Pump out municipal owned septic systems every three years	Ongoing. The Town's 3 septic systems are now routinely pumped out every six months.
Clean 30% of all catchbasins in town by 12/05 (Year 3)	Ongoing. 460 out of 1600 (29%) were cleaned.
Clean 50% of all catchbasins in town by 12/06 (Year 4)	Ongoing. An additional 501 catchbasins were cleaned in Year 4 for

	a total of 961 basins out of 1600 (60%).
Clean 60% of all catchbasins in town by 12/07 (Year 5)	Goal is a minimum of 960 catchbasins. The 960 catchbasin cleanout is a cumulative total for all five years. The program was accelerated and 792 individual catchbasins were cleaned, of approximately one-half of the inventory of 1600 catchbasins.
Permit Reference IV.C.6.a: If there is a training component for staff specific to these municipal operations: <ul style="list-style-type: none"> • <i>explain the activities and materials;</i> • <i>identify the personnel or outside organization conducting the activities.</i> 	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
Staff receive training from the DCSWCD staff	Training was provided to two (2) individuals for erosion and sediment control and 2 individuals in pollution prevention training.
Additional Techniques	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
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:	

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 Attendance List for the May 19, 2008 Annual Report to the public