

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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 Philipstown** SPDES Permit Number: **NYR20A470**

See information packet for information to help complete this form.

MCC Form for year ending: March 9, ☒ 2006 (Year 3) ☐ 2007 (Year 4) ☐ 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 ☒ NoName: **William Mazzuca** Title: **Town Supervisor** Department: **N/A**

Mailing Address:	Street or P.O. Box: 238 Main Street	City: Cold Spring	
	County: Putnam	State: NY	Zip Code: 10516

Phone: **(845) - 265- 5200** E-mail Address: **supervisor@philipstown.com****Local Stormwater Public Contact** (Required by Minimum Measure 2)Is information below: 1) new or changed? ☐ Yes ☒ No2) same as: ☐ Owner/OperatorName: **Roger Chirico** Title: **Highway Superintendent** Department: **Public Works**

Mailing Address:	Street or P.O. Box: 50 Fishkill Road	City: Cold Spring	
	County: Putnam	State: New York	Zip Code: 10516

Phone: **(845) - 265 - 3530** E-mail Address: **phd@highlands.com****Stormwater Management Program (SWMP) Coordinator** (Responsible for implementation/coordination of SWMP)Is information below: 1) new or changed? ☐ Yes ☒ No2) same as: ☐ Owner/Operator ☒ Local Stormwater Public ContactName: **Roger Chirico** Title: **Highway Superintendent** Department: **Public Works**

Mailing Address:	Street or P.O. Box: 50 Fishkill Road	City: Cold Spring	
	County: Putnam	State: New York	Zip Code: 10516

Phone: **(845) - 265 - 3530** E-mail Address: **phd@highlands.com****Annual Report Preparer**Is information below: 1) new or changed? ☐ Yes ☒ No2) same as: ☐ Owner/Operator ☐ Local Stormwater Public Contact ☐ SWMP CoordinatorName: **Wellington J. Carvalho, P.E.** Title: **President** Department: **N/A**
CFE Consulting Services, LLC **CFE Consulting Services, LLC**

Mailing Address:	Street or P.O. Box: 178 Bennetts farm Road	City: Ridgefield	
	County: Fairfield	State: CT	Zip Code: 06877

Phone: **(203) - 431-2683** E-mail Address: **wellingtocarvalho@sbcglobal.net**

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)
N/A

Explanation: **N/A**

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) **X** No (Proceed to Section D)

List MS4 Partners with Legally Binding Agreements or Contracts in Place

Part	Minimum Control Measure	FOR THIS REPORT YEAR ONLY	
		Steady Progress	Goals Achieved
List MS4 Partners with Planned Legally Binding Agreements or Contracts		X Yes No	X Yes No
			N/A
List MS4 Partners with Other Agreements in Place		X Yes No	X Yes No
			N/A

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)? **X** Yes ___ No (Explain below)

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.

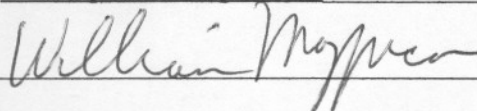
Permit Part	Minimum Control Measure	ANSWER BOTH COLUMNS FOR THIS REPORT YEAR ONLY	
		Steady Progress	Goals Achieved
IV.C.1.	Public Education and Outreach on Stormwater Impacts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No N/A	<input checked="" type="checkbox"/> Yes <input type="checkbox"/>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

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: **William Mazzuca**

Title: **Town of Philipstown Supervisor**

Signature:  Date: 7/18/06

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.**

SECTION II
YEAR 3 SWMPAR TABLES



**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 Philipstown SPDES Permit Number: NYR20A470

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"> Explain the program, including activities and materials used Identify the personnel or outside organization conducting the 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>1-1. A stormwater information repository and website have been set up at the Town Hall, to include newsletters, fact sheets and information on workshops that were completed and are planned.</p>	<p>1-1a The Repository and Website were established in August, 2005 1-1b Newsletter – Philipstown Embarks on a Stormwater Cleanup Campaign, was issued on July 1, 2005 1-1c Newsletter – Philipstown Seeks Volunteers for Phase II Stormwater Program was issued in Vol 1, Issue 4, August 8, 2005 1-1d Fact Sht #1 –Sensitive Waterbodies in Your Area was issued on November 27, 2005 1-1e Newsletter Vol. 1, Issue 4, issued in April 2006, contained an overview of stormwater , and suggestions on how to minimize stormwater pollution, and what a homeowner can do to reduce illicit discharges to a storm drain.</p>
<p>1-2. NYSDEC Outreach Specialist was invited to conduct Workshop #1 on Construction –Related Activities and Workshop #2 on IDDE</p>	<p>1-2a Workshop #1 was held on Nov. 30, 2005 1-2b Workshop #2 was held on Dec. 14, 2005</p>
<p>1-3 Activities planned for next year will include newsletters, fact sheets and workshops on a) establishment of local laws on Construction – Related Activities and IDDE and b) Pollution Prevention/Good Housekeeping</p>	<p>1-3a Fact Sht. on Hazards of Illicit Discharges – 8/06 1-3a Fact Sht. on Pollution Prevention/Good Housekeeping – 9/06 1-3b Fact Sht. on Process to adopt Local Laws - 10/06</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 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>2-1. A stormwater information repository and website have been set up at the Town Hall, to include newsletters, fact sheets and information on workshops that are available to the public.</p> <p>2-2. A Citizen Advisory Panel (CAP) has been set up to encourage public participation/involvement in the stormwater program.</p>	<p>2-1a The Repository and Website were established in August, 2005 2-2a A Kickoff Meeting w/ CAP was held on April 11, 2006 2.2b A follow-up meeting of CAP was held on May 23, 2006</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>2-3. A Public Notice for the Public Meeting on the Year 3 SWMAR was prepared and made available to the Public in the local newspaper</p>			
<p>2-4. A Public Meeting was held on the Year 3 SWMAR</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>2-5. Refer to attached attendance sheet and agenda and handout prepared for the Public Meeting</p>			
<p>Comments on Annual Report Meeting <input type="checkbox"/> No public comments received on Annual Report. <input checked="" type="checkbox"/> Comments received. Attach summary of comments and intended responses.</p>	<table border="1"> <tr> <td data-bbox="1220 755 1668 885"> <p>Date of Annual Report Meeting: May 31, 2006</p> </td><td data-bbox="1668 755 2065 885"> <p>Approximate Date of Meeting Next Year: May 31, 2007</p> </td></tr> </table>	<p>Date of Annual Report Meeting: May 31, 2006</p>	<p>Approximate Date of Meeting Next Year: May 31, 2007</p>
<p>Date of Annual Report Meeting: May 31, 2006</p>	<p>Approximate Date of Meeting Next Year: May 31, 2007</p>		
<p>2-6. Activities planned for next year will include a) CAP sub-group meetings throughout the Town b) distribution of posters and brochures and c) public workshops and d) Annual Public Meeting</p>	<p>2-6a CAP sub-group meetings will be held quarterly (3rd Qtr & 4th Qtr of 2006, 1st Qtr & 2nd Qtr of 2007) 2-6b Distribution of posters and brochures will be made monthly (from Sept. 2006 to April 2007) 2-6c Workshops will be held quarterly (3rd Qtr & 4th Qtr of 2006, 1st Qtr & 2nd Qtr of 2007) 2-6d Annual Public Meeting will be held approx. around May 31, 2006</p>		
<p>Additional Techniques</p>	<p>Describe Measurable Goals and Results (when applicable)</p>		
<p>3-5. Activities planned for next year will include a) Net working with adjacent MS4s to delineate storm sewerbed b) mapping of major outfalls</p>	<p>Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>		

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 and planned for next year.</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>3-1. Fact sheets, and newsletters were used to describe what constitutes illicit discharges.</p>	<p>3-1a Newsletter Vol. 1, Issue 4, issued in April 2006, contained an overview of stormwater , and suggestions on how to minimize stormwater pollution, and what a homeowner can do to reduce illicit discharges to a storm drain.</p>
<p>3-2 A Public Workshop was held on IDDE</p>	<p>3-2a 1 Workshop on IDDE was held on Dec. 14, 2005</p>
<p>3-3. A Kickoff Meeting was held on modifications required to Local Laws to address IDDE.</p>	<p>3-3a A kickoff meeting to address modifications required to Local Laws and its impact on IDDE was held on January 12, 2006</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 and planned for next year, 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>3-4 The only area that requires outfall mapping is in the SE corner of the Town of Philipstown that is contiguous to the Urbanized Areas of the Towns of Cortlandt and Putnam Valley. (Refer to Maps attached for the Philips's MS4 Areas SE1, SE2, SE3, SE4 and SE5). The Hudson River is the only waterbody that receives stormwater discharges from Philipstown</p>	<p>3-4a Discussions were held at CAP Kickoff Meeting of April 11, 2006 on the delineation of storm sewershed for outfall mapping</p>
<p>3-5. Activities planned for next year will include a)Net working with adjacent MS4s to delineate storm sewershed b) mapping of major outfalls</p>	<p>3-5a Set up Meeting with Hudson Highlands Land Trust (HHLT) to determine if HHLT can provide assistance to Philipstown on mapping in the southeast corner of the town (3rd Qtr of 2006) 3-5b Set up Meeting with Towns of Cortlandt and Putnam Valley to delineate storm sewershed (4th QTR of 2006)</p>

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? 3-6. A kickoff meeting to address modifications required to Local Laws and its impact on IDDE was held on January 12, 2006A 3-7. Assessment of local laws, related to IDDE, is planned to be completed by the end of annual reporting year 5.	Date completed: _____ <input checked="" type="checkbox"/> Not yet completed (proceed to next table) Plan to complete for reporting in year: ___ 4; ___ 5.
2) Is there an existing ordinance, local law or other regulatory mechanism?	<input type="checkbox"/> No (go to question 5) <input 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 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 type="checkbox"/> Yes
Development of Regulatory Mechanism (Local Codes)	
5) When was this work completed or planned to be completed?	Date completed: _____ <input type="checkbox"/> Not yet completed (proceed to next table) Plan to complete work below for reporting in year: ___ 4; ___ 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 type="checkbox"/> Language equivalent to NYS IDDE Model Law
9) What was the date or is the planned date of local law adoption?	Date: _____
10) Provide a web address if adopted local law can be found on a web site.	Web Address: _____

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>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>	

	<p>If none of Sample Local Law provisions appear in local code; consider adopting Sample Local Law or equivalent</p> <p>If few Sample Local Law provisions appear in local code; major revisions needed or consider adopting Sample Local Law or equivalent</p> <p>If most of the Sample Local Law provisions appear in local code; minor revisions needed</p>
<p align="center">Assessment and Development of Regulatory Mechanism (Local Code) (continued on next page)</p>	
<p>3. When was the Gap Analysis or equivalent process completed or when will it be completed?</p>	<p>Date completed: _____ Not yet completed (proceed to next table) Plan to complete work below for reporting in year: ____4: ____5</p>
<p>4. How was the local code adopted or how will it be adopted?</p> <p><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></p>	<p>a. ____ The entire Sample Local Law adopted as amendments to existing code or as stand alone law.</p> <ul style="list-style-type: none"> <i>If no portions of the Sample Local Law were moved or deleted, all provisions would be exactly the same as the Sample Local Law.</i> <i>If ANY provisions of the Sample Local Law were moved or deleted, the moved or changed provisions must be reviewed (use the Gap Analysis or equivalent process) to ensure the intent of the law has not been changed.</i> <p>b. ____ Parts of NYS Sample Local Law adopted as amendments to existing code</p> <p>c. ____ Language developed by municipality was demonstrated to be equivalent.</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?

☐ No (go to ADDENDUM 2)
☒ Yes (complete questions below)

Preliminary Assessment of Regulatory Mechanism (Local Code)

1. When was the preliminary assessment of existing local codes completed or when will it be completed?
3-8. Assessment of local laws, related to IDDE, is planned to be completed by the end of annual reporting year 5.

Date completed: _____ ☒ Not yet completed (proceed to next table)
Plan to complete for reporting in year: ___4; ___5.
____ Did not do preliminary assessment; proceeded directly to Gap Analysis Worksheets 1-4 or adopted *Sample Local Law for Stormwater Management and Erosion & Sediment Control* (Sample Local Law).

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

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 next table)
Plan to complete work below for reporting in year: ___4; ___5.

4. How was the local code adopted or how will it be adopted*?

**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.*

- a. ☐ The entire Sample Local Law adopted as amendments to existing code or as stand alone law.
- 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 *Gap Analysis* 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.

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)?	<input type="checkbox"/> No <input type="checkbox"/> 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>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>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. 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>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>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
<ul style="list-style-type: none">• Procedures for site plan and SWPPP review to ensure SWMPs meet state standards. <i>Procedures below. <u>Revise as procedures are updated.</u></i>• <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>

Municipality: **Town of Philipstown**Permit Number: **NYR20A470** _ _ _**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>
<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>

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 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"> 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> 	DO NOT ENTER INFORMATION IN THIS CELL
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:	

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)
6-4. Philipstown Municipal Operations Staff -Workshop on Pollution Prevention/Good Housekeeping	6-3 a Continental Village (SE Corner) - Fact Sht on trash, oil and hydrocarbons & toxic substances- 3 rd QTR of 2006 6-4a Philipstown Municipal Operations Staff -Workshop on Pollution Prevention/Good Housekeeping - 3 rd Qtr of 2006 & 1 st Qtr of 2007
6-5. Philipstown NYSDEC -Workshop on Pollution Prevention/Good Housekeeping - 4 th Qtr of 2006	6-5a Philipstown NYSDEC -Workshop on Pollution Prevention/Good Housekeeping - 4 th Qtr of 2006
Additional Techniques	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for

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> 	
6-1. Pollutants include trash (streets, parks and open space), oil and hydrocarbons (vehicle maintenance garages), salt and deicing agents (salt storage & winter road maintenance), phosphorus and nitrogen nutrients (public parks and recreation areas), toxic substances(integrated pest management, recycling & hazardous waste materials management)	
<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
6-2. Continental Village (SE Corner) – Street Sweeping during Spring and fall of each year 6-3. Continental Village (SE Corner) – Issue Fact Sht on trash, oil and hydrocarbons & toxic substances	
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)
6-4. Philipstown Municipal Operations Staff -Workshop on Pollution Prevention/Good Housekeeping	6-3 a Continental Village (SE Corner) – Fact Sht on trash, oil and hydrocarbons & toxic substances- 3rd QTR of 2006 6-4a Philipstown Municipal Operations Staff -Workshop on Pollution Prevention/Good Housekeeping – 3rd Qtr of 2006 & 1st Qtr of 2007
6-5. Philipstown NYSDEC -Workshop on Pollution Prevention/Good Housekeeping – 4th Qtr of 2006	6-5a Philipstown NYSDEC -Workshop on Pollution Prevention/Good Housekeeping – 4th Qtr of 2006
Additional Techniques	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for

Municipality: **Town of Phillipstown**Permit Number: **NYR20A470** _ _ _

Minimum Control Measure 6. Municipal Operations: X Street and Bridge Maintenance; X Winter Road Maintenance;
 X Stormwater System Maintenance; X Vehicle and Fleet Maintenance; X Park and Open Space Maintenance; X 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.

- *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

6-6 – The Highway Department is responsible for :

- Street Sweeping
- Street & Bridge Maintenance
- Winter Road Maintenance
- Storm System Maintenance
- Vehicle & Fleet Maintenance

6-6a – Street Sweeping is conducted during the Spring
 6-6b - Street & Bridge Maintenance is conducted as required
 6-6c – Winter Road consisting of salt/sand applications, is carried out the Winter Months. Salt/sand is stored at the highway garage and stockpiles are covered when not in use
 6-6d - Vehicle & Fleet Maintenance is carried out at the Highway Garage and conducted as required

6-7 – The Parks and Recreation department is responsible for Parks and Open Space Maintenance

6-7a A Fact sheet will be issued on Trash Management in 3rd QTR of 2006

- *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

6-8. The Town has instituted a Refuse Recycling Program that all Town Residents must comply with.

6-8a A Fact sheet will be issued on Trash Management in 3rd QTR of 2006

6-9. The Town encourages Hazardous Waste Collection and encourages its residents to drop off their Hazardous Waste at the Town for disposal by the Town

6-9a A Fact sheet will be issued on Trash Management in 3rd QTR of 2006

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

DO NOT ENTER INFORMATION IN THIS CELL

Municipality: **Town of Philipstown**Permit Number: **NYR20A470** _ _ _

Minimum Control Measure 6. Municipal Operations: ☒ **X** Street and Bridge Maintenance; ☒ **X** Winter Road Maintenance;
☒ **X** Stormwater System Maintenance; ☒ **X** Vehicle and Fleet Maintenance; ☒ **X** Park and Open Space Maintenance; ☒ **X** 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)

- *Assess if existing programs adequately reduce and/or prevent pollutant discharges*
- *Determine and list any operation type, location or facility that is in need of modification or updates.*

DO NOT ENTER INFORMATION IN THIS CELL

Permit Reference IV.C.6.a: If there is a training component for staff specific to these municipal operations:

Describe Measurable Goals and Results (when applicable)

Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)

- *explain the activities and materials;*
- *identify the personnel or outside organization conducting the activities.*

6-10 The Town will have to determine which Department will be responsible for Storm Sewer Outfall Mapping and Maintenance. Currently the Town does not have any staff to carry out this activity.

6-10a – The Town will modify Local Laws to include IDDE and outfall Mapping to initiated in Year 4 and completed by Year 5.

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 _____

SECTION III
YEAR 3 PUBLIC MEETING, COMMENTS AND
RESPONSES

TOWN OF PHILIPSTOWN

PHASE II STORMWATER MANAGEMENT PROGRAM

PUBLIC MEETING ON YEAR 3 SWMPAR

TOWN HALL, 238 MAN STREET

COLD SPRING, NEW YORK

SIGN-IN SHEET

NAME	MUNICIPALITY/LOCALE*	PHONE NUMBER
MICHAEL GIBBONS	PHILIPSTOWN	424-6067
Richard Shea	" "	265 5200
DAVID BROWER	" "	424-3670
Betty Budney	" "	265-3508
AL (HOSIER)	" "	265-3329
Bill Smith	" "	424-3911
JOHN GIARDIELLO	" /CV	736-4163
ROBERT HUTCHINSON	" /CV	736-4103
JOIE FRISVOLD	" "	845 265 3246

- * PLEASE INDICATE YOUR HOME ADDRESS AREA BY:
- 1) TOWN OF PHILIPSTOWN
 - 2) VILLAGE OF COLD SPRING
 - 3) VILLAGE OF NELSONVILLE
 - 4) CONTINENTAL VILLAGE

LILLIAN ROSENGARTEN, LCSW
25 Years Experience

Philipstown Town Board to Hold Stormwater Management Update

On Wednesday, May 31, the Town Board of Philipstown will hold a Q&A session regarding the Town's efforts on stormwater management. The meeting will take place at 8 pm at Town Hall.

If you need information on the stormwater management program, you may review the

guidance manual prepared for the Town. A copy of this manual is available at the supervisor's office, at the Butterfield and Fish Libraries, as well as at the Highway Department.

For additional information, you may also contact the Supervisor's office at 845-265-5200.

Butterfield Library Hosts Annual Big Truck Day

The Butterfield Library's second annual Big Truck Day will be held on Sunday, June 4, 2006 from 11 am - 2 pm. Last year with the generous support of the community, the library raised over \$1,800 for the Children's Room. Over 200 happy children enjoyed a day of climbing on trucks, jumping in the jumpy castle, playing games, getting their faces painted and munching on great snacks. The library staff expect this year's Big Truck to be even bigger and better!

The library is looking for volunteers to help on the day of the event. If you are interested in volunteering your time please contact Gillian Thorpe at 265-3040 or butterfd@bestweb.net.

Admission price for Big Truck Day is a donation with all proceeds going to the library. The Butterfield Library is located in Cold Spring near the intersection of Route 301 and 9D. For additional information please visit their website at www.butterfieldlibrary.org.

Butterfield Library Hosts an Evening With Kazim Ali and Harriet Levin

The Julia L. Butterfield Library is thrilled to host an evening of poetry with two award-winning writers. This event, to be held Wednesday, May 31st at 7 pm, will feature readings by Kazim Ali and Harriet Levin. A brief question and answer period will follow and refreshments will be served.

Kazim Ali is a Beacon resident. His books of poetry include *The Far Mosque*, winner of Alice James Books' New England/New York Award, and *The Fortieth Day*, forthcoming from BOA Editions. His novel, *Quinn's Passage* (BlazeVox) was named one of "The Best Books of 2005" by Chronogram magazine. Ali's poems and essays have appeared in such journals as *The Iowa Review*, *Colorado Review*, and *Hayden's Ferry Review*. A graduate of the Creative Writing Program at New York University, he is an assistant professor of English at Shippensburg University and

the publisher of Nightboat Books.

Harriet Levin is the author of *The Christmas Show* (Beacon Press), which won both The Barnard New Women Poet's Prize judged by Irish poet Eavan Boland as well as the Poetry Society of America's Alice Fay di Castagnola Award. Her poems have appeared in *The Iowa Review*, *The Kenyon Review*, *Denver Quarterly Review*, *Ploughshares*, *Antioch Review*, *Gulf Coast*, and other journals. She is a graduate of the Iowa's Writer's Workshop and a PEW Fellowship in the Arts Discipline Winner. She lives in Philadelphia where she teaches at Drexel University and is Founding Director of the University Writing Program.

Registration is recommended for this event. Please phone the library at 265-3040; email to mcgrathm@bestweb.net; or visit www.butterfieldlibrary.org. The library is located at 10 Morris Avenue, Cold Spring.

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LILLIAN ROSENGARTEN, LCSW

25 Years Experience

**TOWN OF PHILIPSTOWN
238 MAIN STREET
COLD SPRING, NEW YORK 10516**

JUNE 31, 2006

**PUBLIC MEETING ON
DRAFT STORMWATER MANAGEMENT PROGRAM
ANNUAL REPORT**

MAY 31, 2006

**TOWN OF PHILIPSTOWN
PUBLIC MEETING ON
DRAFT STORMWATER MANAGEMENT PROGRAM
ANNUAL REPORT
JUNE 31, 2006**

AGENDA

PART I – REGULATIONS

PART II – APPLICABILITY OF PHASE II SWMP TO PHILIPSTOWN

PART III – SHORT AND LONG TERM GOALS

PART IV – QUESTIONS, COMMENTS, OR CONCERNS

**NYSDEC
PHASE II STORMWATER MANAGEMENT PROGRAM (SWMP)**

- **FEDERAL CLEAN WATER ACT (DECEMBER 8, 1999)**
- **NON-POINT SOURCES OF POLLUTION**
- **NYSDEC SPDES PERMIT GP-02-02, EFFECTIVE, JANUARY 8, 2003**
- **NOTICE OF INTENT (NOI), EFFECTIVE, MARCH 10, 2003**
- **SWMP COVERAGE TO ADDRESS:**

SIX (6) MINIMUM CONTROL MEASURES (MM):

1. **Public Education and Outreach**
 2. **Public Involvement/Participation**
 3. **Illicit Discharge Detection and Elimination**
 4. **Construction Site Stormwater Runoff Control**
 5. **Post-Construction Stormwater Management**
 6. **Pollution Prevention/Good Housekeeping**
- **NYSDEC SPDES PERMIT GP-02-02, VALID FOR FIVE (5) YEARS TO MARCH 10, 2008**

APPLICABILITY OF PHASE II SWMP TO PHILIPSTOWN

I – REGULATED MS4s

- **REGULATED MS4s, PUBLICLY OWNED AND/OR OPERATED INSTITUTIONS AND OTHER PUBLIC ENTITIES MUST OBTAIN PERMIT COVERAGE FOR MS4 DISCHARGES UNDER THE NYSDEC GENERAL PERMIT GP-02-02.**
- **THE TOWN OF PHILIPSTOWN IS A REGULATED MS4, AND THEREFORE, MUST COMPLY WITH PHASE II STORMWATER PROGRAM REQUIREMENTS:**

- 1. Submit NOI**
- 2. Identify Stormwater Goals and Activities (SWMP)**
- 3. Maintain Permit Coverage with Annual SWMP Report (SWMPAR)**
- 4. Educate and Involve the Public in SWMP**
- 5. Adopt Stormwater Management Local Law for Illicit Discharge Detection & Elimination (IDDE)**
- 6. Require Construction Site Stormwater Management Local Law**
- 7. Review SWPPPs for Construction Activity Equal or Greater than One (1) Acre**
- 8. Inspection Construction Sites and Enforce SWPPPs**
- 9. Educate Construction Site Operators and O & M Personnel on Pollution Prevention and Good Housekeeping**
- 10. Comply with Water Quality Standards**

II – NON-REGULATED COMMUNITIES, PRIVATELY/OWNED/OPERATED INSTITUTIONS

- **NO MS4 PERMITTING REQUIREMENTS**
- **SUBJECT TO CONSTRUCTION PERMIT REQUIREMENTS AS STIPULATED IN ITEM 6, ITEM 7 AND ITEM 8 ABOVE**

STORMWATER MANAGEMENT PROGRAM SHORT AND LONG TERM GOALS

I – SHORT TERM GOALS (YEAR 3, ENDING IN JUNE 2006)

• YEAR 1 = 2003/04 - FILED NOI

1. FILE YEAR 3 SWMPAR AND MCC FORMS AND SUBMIT TO NYSDEC
2. ESTABLISH SWMP STEERING COMMITTEE, TECHNICAL ADVISORY PANEL AND CITIZEN ADVISORY PANEL
3. ESTABLISH TOWN VOLUNTEER GROUPS AS PART OF CITIZEN ADVISORY PANEL
4. GATHER INFORMATION AND DATA FOR THE IMPLEMENTATION OF SIX (6) MINIMUM MEASURES

• YEAR 3 = 2005/06 - PREPARED SWMP GUIDANCE MANUAL
- DEVELOPED SWMP WEBSITE

II – LONG TERM GOALS (YEAR 4 ONWARDS, ENDING IN JANUARY 1 2008)

1. CONTINUE PUBLIC EDUCATION AND INVOLVEMENT
2. CONTINUE PUBLIC PARTICIPATION AND INVOLVEMENT
3. ADOPT LOCAL LAW FOR CONSTRUCTION MANAGEMENT AND IDDE
4. ASSESS EXISTING CONDITIONS AND IDENTIFY MEASURES THAT WILL BE EFFECTIVE IN REDUCING POLLUTANT DISCHARGES

- SWMPAR (WILL BE SUBMITTED IN JUNE 2006)
- FILING OF YEAR 3 SWMPAR (WILL BE FILED IN JUNE 2006)

TOWN OF PHILIPSTOWN
PHASE II STORMWATER MANAGEMENT PROGRAM

SWMP ACTIONS COMPLETED TO JUNE 2006

- YEAR 1 = 2003/04
 - FILED NOI
 - APPOINTED SWMP COORDINATOR
 - FILED YR1 SWMPAR & MCC FORM
- YEAR 2 = 2004/05
 - HELD PUBLIC MEETING
 - PREPARED SWMPAR
 - FILED YEAR 2 SWMPAR & MCC FORM
- YEAR 3 = 2005/06
 - PREPARED SWMP GUIDANCE MANUAL
 - DEVELOPED SWMP WEBSITE
 - PUBLISHED INTRODUCTORY NEWSLETTER ON SWMP
 - DEVELOPED FACT SHEETS ON STORMWATER-RELATED TOPICS
 - HELD TWO (2) WORKSHOPS ON CONSTRUCTION-RELATED ACTIVITIES AND ILLICIT DISCHARGE DETECTION AND ELIMINATION
 - ATTENDED PUTNAM COUNTY MS4 COORDINATION COMMITTEE, QUARTERLY MEETINGS
 - ESTABLISHED STORMWATER STEERING COMMITTEE, TECHNICAL ADVISORY PANEL AND CITIZENS ADVISORY PANEL
 - PUBLIC MEETING (MAY 31, 2006)
 - SWMPAR (WILL BE SUBMITTED IN JUNE 2006)
 - FILING OF YEAR 3 SWMPAR (WILL BE FILED IN JUNE 2006)

PROPOSED ACTIONS FOR YEAR 4 AND 5 SWMP*

I – CONTINUE PUBLIC EDUCATION AND PUBLIC INVOLVEMENT

- ISSUE FACT SHEETS AND NEWSLETTERS
- HOLD WORKSHOPS ON POLLUTION PREVENTION

II – ADOPT LOCAL LAW

- START DRAFTING OF LOCAL LAW FOR CONSTRUCTION-RELATED ACTIVITIES
- START DRAFTING OF LOCAL LAW FOR IDDE

III – OUTFALL MAPPING

- START OUTFALL MAPPING ACTIVITIES

IV – MUNICIPAL OPERATIONS

- REVIEW MUNICIPAL OPERATIONS
- HOLD TRAINING SESSION FOR OPERATION AND MAINTENANCE STAFF

*** NB: APPROXIMATELY 20 MONTHS LEFT TO FULLY IMPLEMENT PHASE II STORMWATER REGULATIONS (BY JANUARY 1, 2008), AS REQUIRED BY SPDES PERMIT**

PUBLIC COMMENTS ON YEAR 3 DRAFT STORMWATER MANAGEMENT PROGRAM ANNUAL REPORT

I - Public Meeting

A Public Meeting was held on May 31, 2006 at 7.30 pm at the Town Hall at 238 Main Street, Cold Spring, New York. A sign-in sheet of attendees is attached.

II - Public Meeting Notice

A Public Meeting Notice was placed in the local town newspaper, as well as the town libraries, supervisor's office and highway department. Attached is a copy of newspaper article on the meeting.

In addition to the Public Meeting Notice, copies of the Town's SWMP Guidance Manual were made available for the public to review prior to the meeting at the Town Clerk's Office.

II - Public Meeting Agenda and Handouts

The Agenda for the meeting consisted of discussions on:

- Part I - Regulations
- Part II - Applicability of Phase II SWMP to Philipstown
- Part III - Short and Long Term Goals
- Part IV - Questions, Comments, Or Concerns

A handout, (attached) addressing the above topics, was made available to the public at the meeting.

II –Public Comments and Responses

1 – The NPDES permitting authority may waive the Phase II Stormwater requirements for a small MS4. It appears that Philipstown may meet the criteria for a waiver for a small MS4.

Refer to response included in a letter, dated June 27th, (attached) to the Supervisor of the Town of Philipstown.

2 – If Philips town meets the criteria for a small MS4, what deadline schedule pertains to a small MS4 operator application for such a waiver from the NYSDEC? Is it a one-time deadline (already past?) or is it in phase with the Phase II deadlines (still in the future)?

Refer to response included in a letter, dated June 27th, (attached) to the Supervisor of the Town of Philipstown.

3 – Do current regulations cover the Town's reservoirs and other water supplies and groundwater?

The Phase II Stormwater Regulations specifically provide permit coverage of the discharge of stormwater to surface waters of the United States and other State designated sensitive water bodies. The federal regulation is based on navigability and does not cover groundwater. In the case of Philipstown, the Hudson River and tributary streams that drain to the Hudson River fall under the Phase II Stormwater regulations.

4 – What areas of the Town must comply with the Phase II Outfall mapping requirements?

The southeast corner of Philipstown (primarily Continental Village and designated 2000 Census-defined "Urbanized Areas") must comply with the Phase II Outfall mapping requirements. The "Urbanized Areas" are depicted in the letter, dated June 27th, (attached) to the Supervisor of the Town of Philipstown.

5 – Developing a map showing outfalls will require a significant commitment of manpower and financial resources by Philipstown. How can the Town meet this requirement?

Currently there are no funds either from the Ste or Putnam County to develop outfall mapping. The Town should explore other opportunities for assistance from institutions such as the Hudson Highlands Land Trust. It was agreed that a meeting should be held with the Hudson Highlands Land Trust to discuss outfall mapping.

6 – Will construction activity of less than one acre be affected by current stormwater regulations?

Current State regulations under GP-02-01 require the submission of a Notice of Intent (NOI), preparation of a Storm Water Pollution Prevention Plan (SWPPP) by a certified professional, inspection by a certified professional during construction, if the construction activity disturbs one or greater than one acre of land. However construction activity of less than one acre may also be affected, depending on Town's Stormwater Management Local Law for construction activity adopted by the Town of Philipstown.

6 – How are school districts affected?

Coverage, under GP-02-01 is required for school district if construction activity disturbs one or greater than one acre of land.

Coverage GP-02-01 is pertaining to MS4s is required by school districts if school districts meet all of the following three criteria:

1. Does school property have more than a single building?
2. Does the school property have a daytime population of more than 1000 student/staff?
3. Is the school property located wholly or partially within an automatically designated urbanized area or New York State additionally designated area?

Any no answers will likely exempt the property or make the property eligible for a waiver.

If coverage for the school district is not required under GP-02-01 and/or GP-02-01, the school district must still comply with Town's Stormwater Management Local Law for Illicit Discharges, Construction Activity and other provisions relating to Stormwater Quality Standards, adopted by the Town of Philipstown.

CFE CONSULTING SERVICES, LLC

MBE CIVIL/ENVIRONMENTAL CONSULTANT

178 BENNETTS FARM ROAD
RIDGEFIELD, CT 06877
203-431-2683

June 27, 2006

William Mazzuca, Supervisor
Town of Philipstown
238 Main Street
Cold Spring, New York 10516

RE: STORMWATER PHASE II FINAL RULE FOR THE TOWN OF PHILIPSTOWN AS A SMALL MS4

Dear Supervisor Mazzuca:

This is a follow-up to Robert Hutchinson's questions relative to small MS4s (Philipstown) for waiver requirements from NYSDEC Phase II Stormwater Management Program. Waivers are granted to automatically designated small MS4s, under the following two options;

First Waiver Option applies where:

1. The jurisdiction served by the system is less than 1000 people
2. The system is not contributing substantially to pollutant loadings of a physically interconnected regulated MS4 and
3. If the MS4 discharges any pollutants identified as a cause of impairment of any water body to which it discharges, storm water controls are not needed based on TMDL waste load allocations.

Second Waiver Option applies where:

1. The jurisdiction served by the system is less than 10,000 people
2. An evaluation of all waters of the U.S. shows that storm water controls are not needed based on TMDL waste load allocations.
3. That future discharges from the MS4 do not have the potential to result in exceedance of water quality standards.

NYSDEC's Interpretation

CFE contacted NYSDEC's Barbara Kendall, who contacted the NYSDEC offices in Albany regarding the waiver issue. Her response was, the southeast corner of Philipstown (primarily Continental Village) is highly developed and includes residential and commercial land uses, which could potentially impact stormwater runoff to contiguous "Urbanized Areas" (UA) of Towns of Cortlandt and Putnam Valley.

The areas of Philipstown, located within the boundaries of a Census-defined (2000 Census) "Urbanized Areas" (UA), contiguous to the Towns of Cortlandt and Putnam Valley, are depicted on the attached Maps (Areas SE1, SE2, SE3, SE4 and SE5).

Waiver Schedule

As to the time for applying a waiver, NYSDEC noted that a waiver request should have been filed in 2002 or early 2003, before the Town of Philipstown filed their Notice of Intent and received coverage under the General Permit GP-02-02.

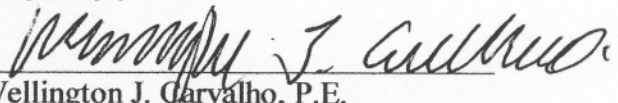
Follow-up Actions

CFE has contacted the Town Supervisor's Office to verify 2000 Census Populations in the affected UA Areas SE1, SE2, SE3, SE4 and SE5.

CFE suggests if further interpretation is required to determine if Philipstown automatic designation as a small MS4 by NYSDEC is valid, and whether a waiver applies, the Town should seek legal advice from their attorney.

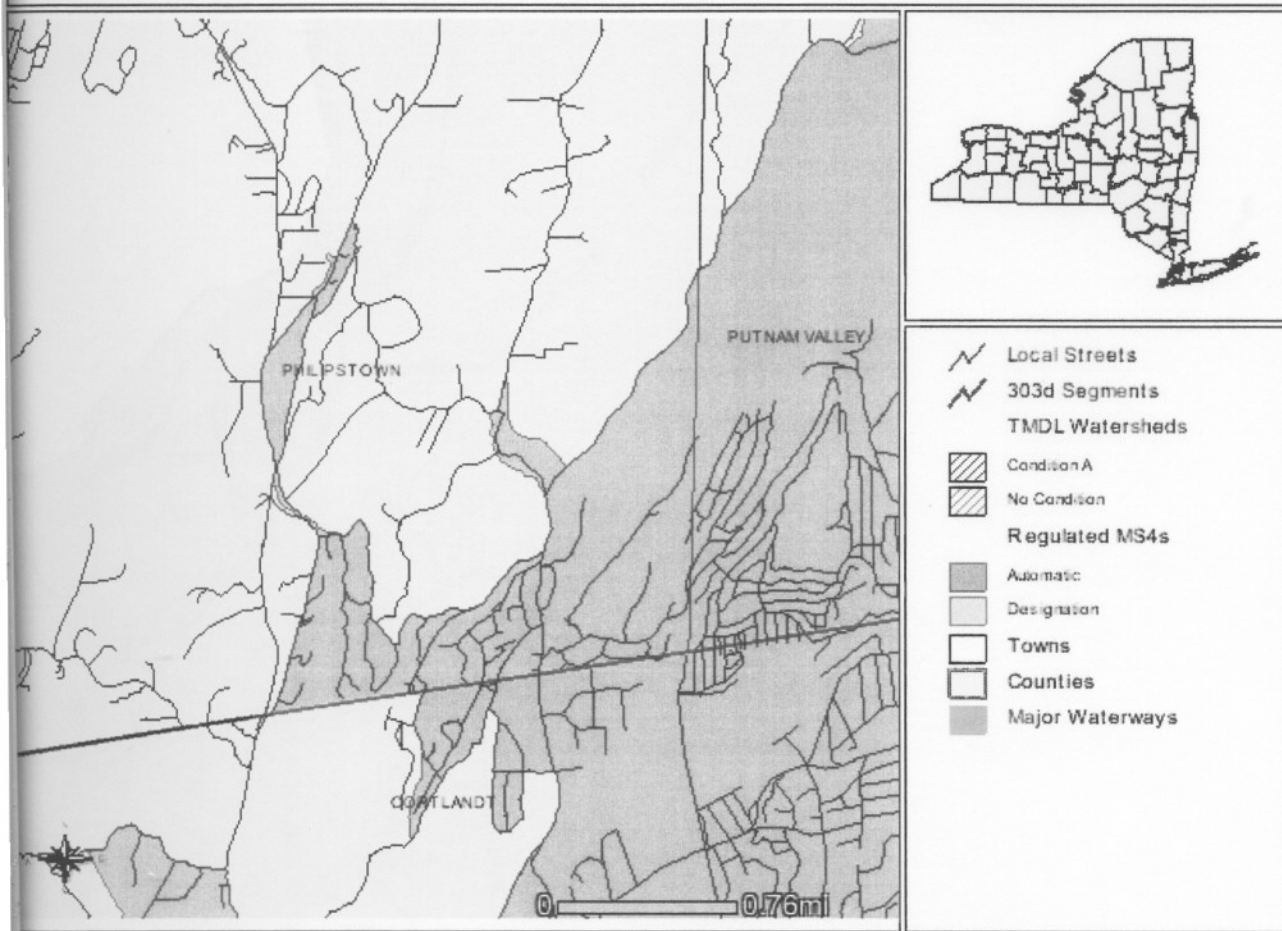
If you have any questions, or wish to discuss any of the above items, please do not hesitate to contact me at 203-431-2683 or by e-mail at wellingtocarvalho@sbcglobal.net.

Very truly yours,

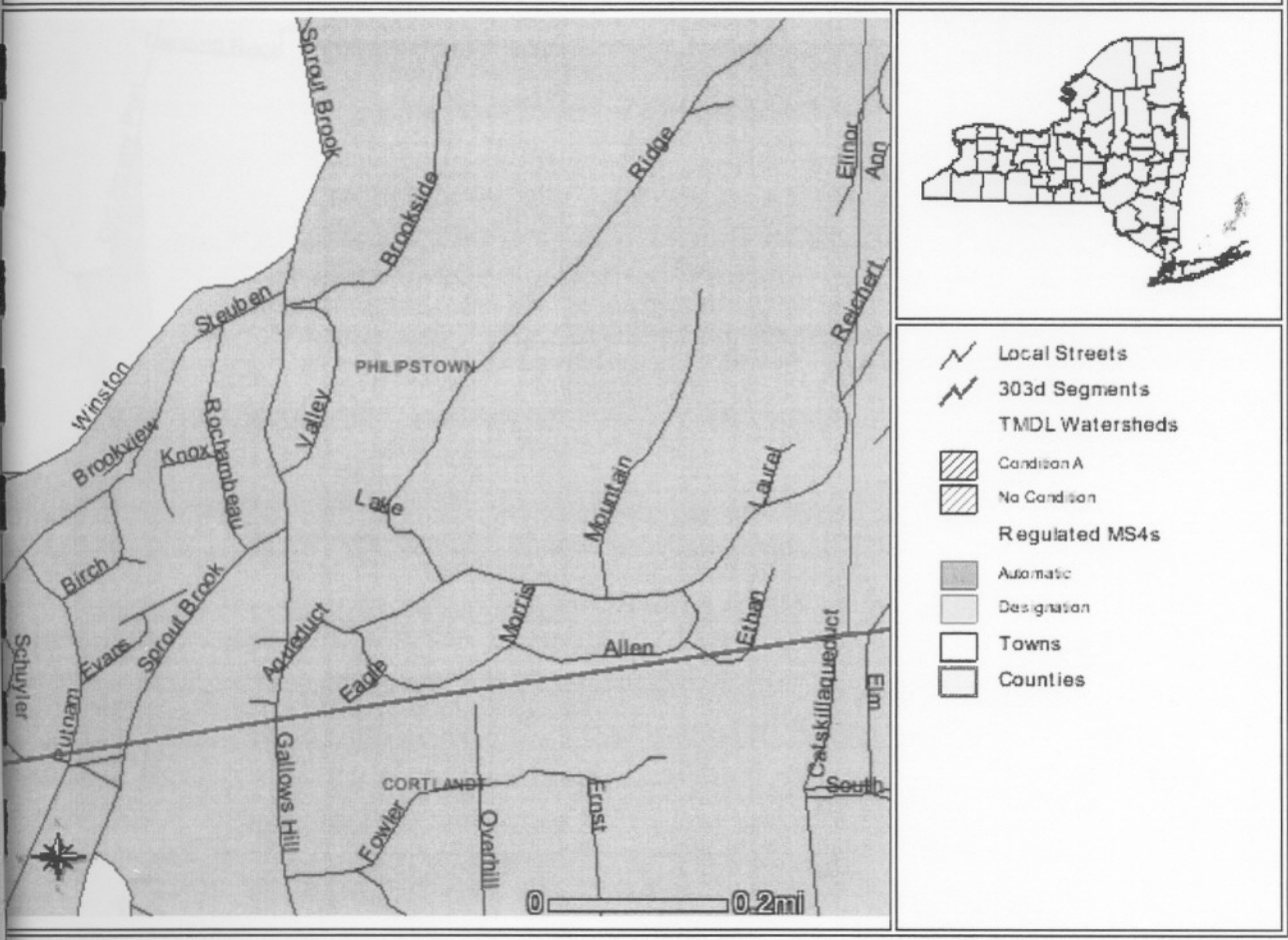

Wellington J. Carvalho, P.E.
CFE CONSULTING SERVICES, LLC

cc:
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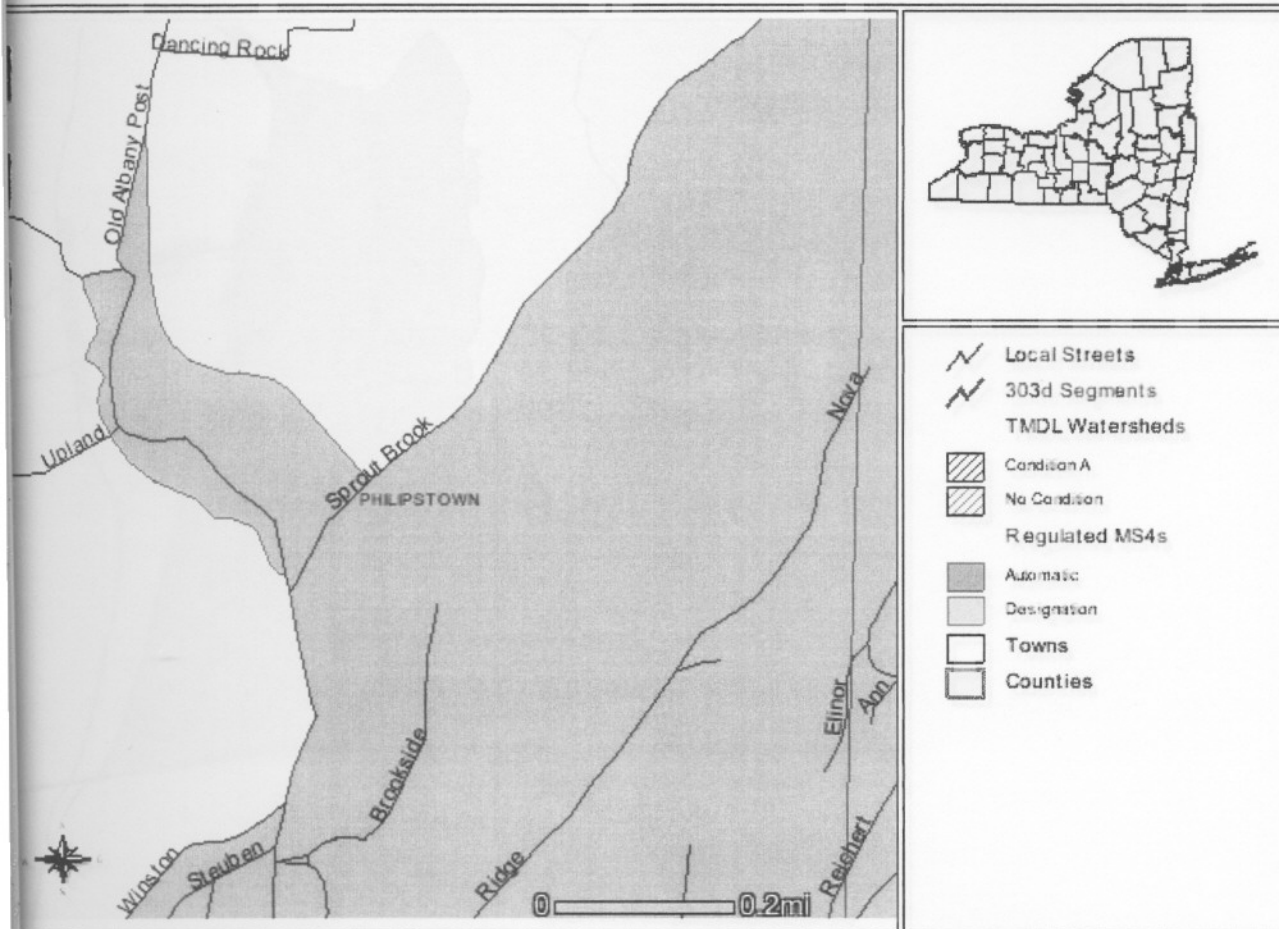
Town of Philipstown MS4 Area

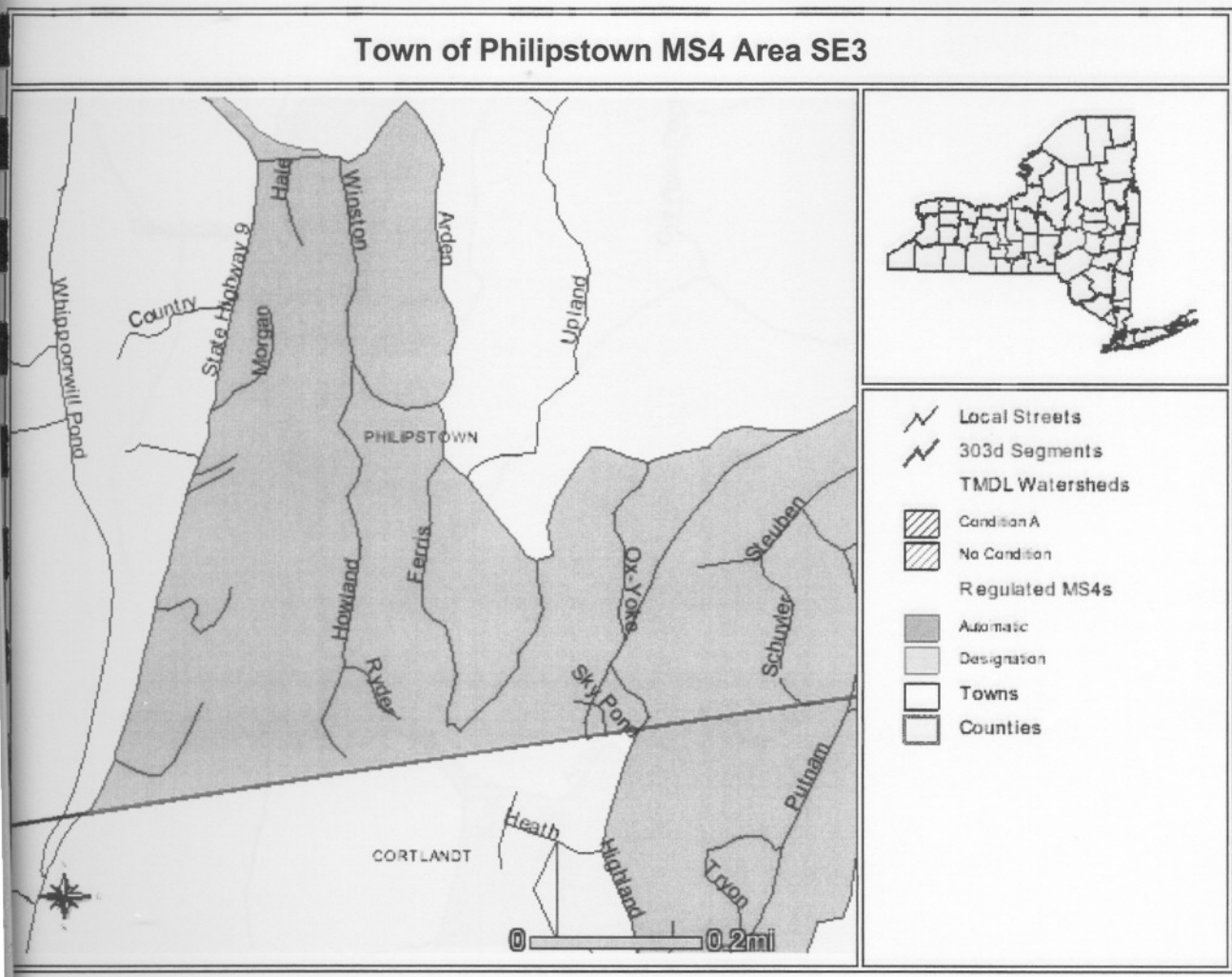


Town of Philipstown MS4 Area SE1

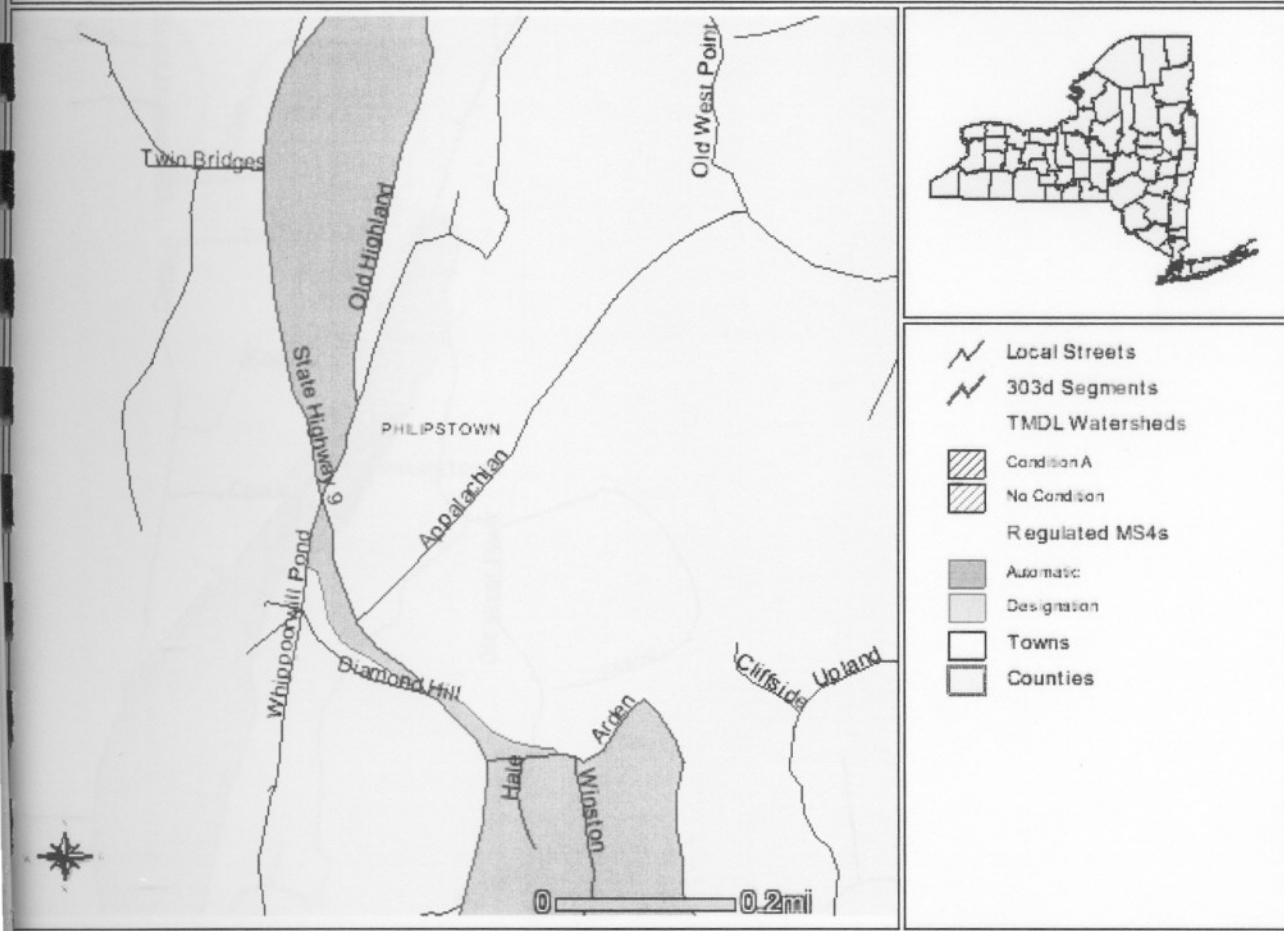


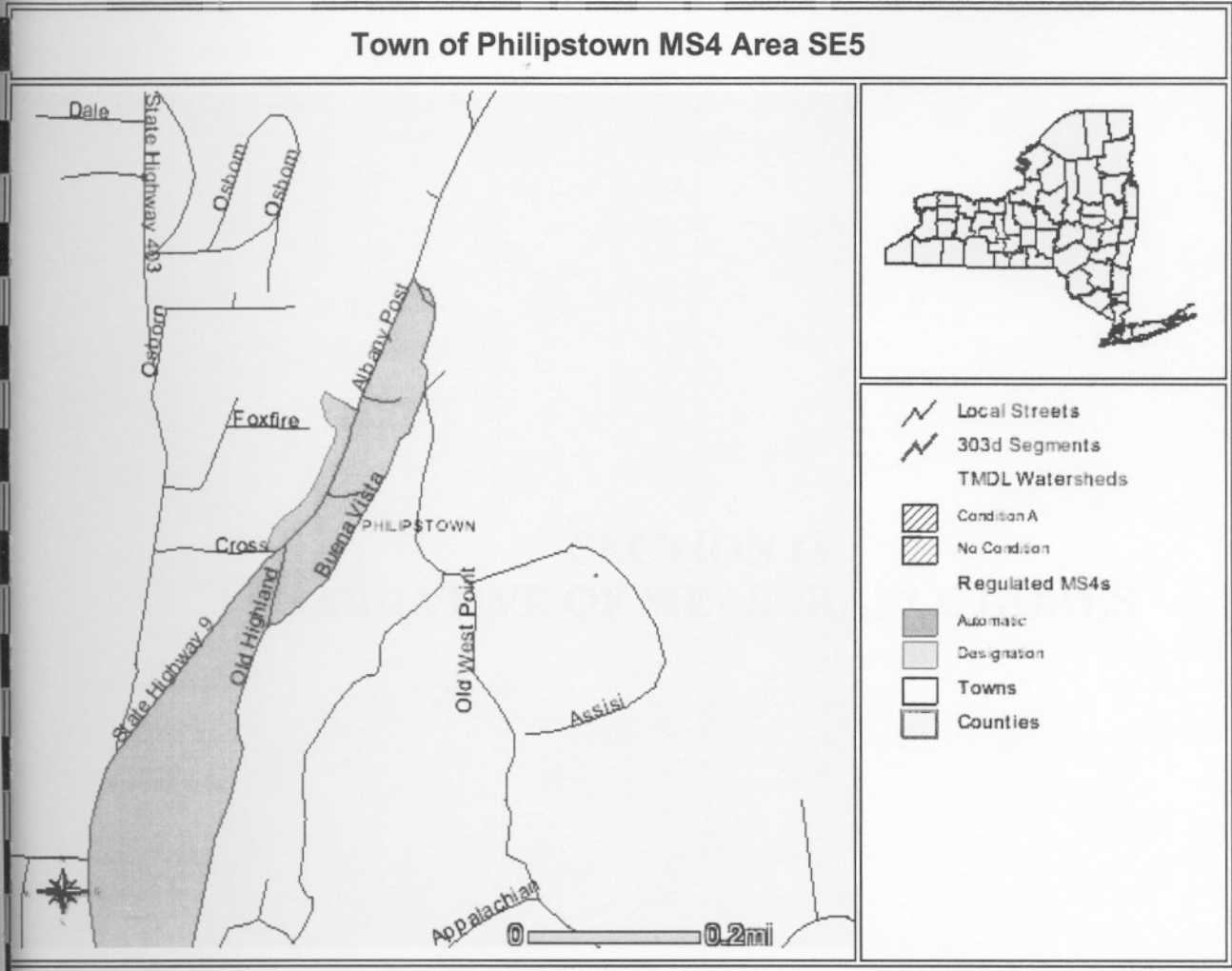
Town of Philipstown MS4 Area SE2





Town of Philipstown MS4 Area SE4





SECTION IV
NARRATIVE OF MEASURABLE GOALS

STORMWATER MANAGEMENT PROGRAM

MS4 SPDES NO. NYR20A470

YEAR 3 MEASURABLE GOALS

To demonstrate the Town's progress towards meeting their MS4 measurable goals, a brief narrative follows, describing implementation and management practices carried out by the Town in the Year 3.

I – MCM 1: PUBLIC EDUCATION AND OUTREACH

Summarized below are actions taken by the Town of Philipstown on Public Education and Outreach, since the SWMP Kick-off Meeting of June 8, 2005.

1. Completion of SWMP Guidance Manual

Twelve (12) copies of the SWMP Guidance Manual were submitted to the Town on June 15, 2005. Copies of this manual were distributed to members of the SWMP Steering Committee and other officials that may be involved in the program. An electronic copy of the same document was also sent to the Town for the preparation of additional copies, if needed, and for placement on the Town's Stormwater Website. A copy of this document is available at Town Supervisor's Office, so that the public can have access to this document, during normal business hours.

2. Introductory Newsletter

In July of 2005, an introductory newsletter, outlining the Philipstown Stormwater Cleanup Campaign, was issued to the town for publication in the Putnam County News and Recorder.

3. Fact Sheet #1 - "Sensitive Waterbodies in Your Area".

On November 25, 2005, Fact Sheet #1 on "Sensitive Waterbodies in Your Area" was distributed to the Town, for publication in the Town's December Newsletter, the Town's Stormwater Website and Putnam County News and Recorder for public review.

4 Newsletter – Stormwater Management Program.

The Town's April Issue of 2006 contained stormwater runoff information on nonpoint source pollution, and how to minimize stormwater pollution, in your lawn and yard, from car washing and vehicle maintenance, from pet waste, trash, swimming pools, home repairs, household chemicals and septic systems.

II – MCM 2: PUBLIC INVOLVEMENT/PARTICIPATION

Summarized below are actions taken by the Town of Philipstown on Public Involvement/Participation a, since the SWMP Kick-off Meeting of June 8, 2005

1. Public Meeting

A Public Meeting was held on June 29, 2005 at the VFW Hall Kemble, to present an overview of the Phase II Stormwater Regulations and discuss actions taken by the town in comply with these regulations. The meeting was fairly well attended and there was much interest by the community on how the program will affect the Town.

2. Putnam County Stormwater Coalition Group

On July 12, 2005, Town representatives attended a meeting sponsored by the Putnam County Stormwater Coalition Group, whose primary mission is to determine how stormwater information can be shared between the various MS4s in Putnam County

3. Year 2 SWMPAR Submission to NYSDEC

On July 27, 2005, the Town submitted the Year 2 Annual Report and MCC forms to NYSDEC, in accordance with MS4 SPDES Permit NYR20A470.

4. Stormwater Steering Committee

On December 1, 2005, the Town established a Stormwater Steering Committee. This committee, consisting of supervisory personnel from town departments, as well as elected and appointed officials from Philipstown, Cold Spring and Nelsonville, will be to closely monitor the stormwater management program adopted by the town and to ensure that the program complies with the intent of NYSDEC permit for stormwater discharges from the town.

5. Citizen Advisory Panel

On December 1, 2005, the Town established a Stormwater Citizen Advisory Panel. The panel, consisting of citizens from Philipstown, Cold Spring, Nelsonville, North Highlands, Continental Village, Garrison and other locales within the town, will be primarily responsible for providing stormwater information through meetings and workshops and for receiving feedback from the community on the progress of the program. In addition the panel will also be in charge of organizing local volunteer monitor groups, responsible for identifying potential sources of pollution along the Hudson River, town streams and other water courses and drainage channels in the town.

6. Technical Advisory Group

On December 1, 2005, the Town established Technical advisory Group is to review technical issues such as current Planning & Zoning Laws, Town Codes and modifications that are necessary to include new laws as are required by the SWMP such as 1) Construction –Related Stormwater Management Laws 2) Illicit Discharge Detection & Elimination and 3) modification of laws and codes pertaining to unpaved roads.

7. Citizen Advisory Panel Kickoff and Follow-up Meetings

On April 11, 2006, a kick-off meeting was held with the Stormwater Citizen Advisory Panel (CAP). The meeting discussions included CAP common goals, specific goals, dissemination of information and the use of existing volunteer and citizen groups.

On May 23, 2006, a follow-up meeting was held regarding how to distribute flyers to the public, use of EPA website for obtaining flyers and fact sheets and developing lesson plans for presentation to the Haldane and Garrison Schools.

III – MCM 3: ILLICIT DISCHARGE DETECTION & ELIMINATION

Summarized below are actions taken by the Town of Philipstown on Illicit Discharge Detection and Elimination (IDDE), since the SWMP Kick-off Meeting of June 8, 2005

1. Stormwater Management Guidance Manual for Local Officials

On July 21, 2005, copies of the Local Guidance Manual, which contains the Model Local Law for Stormwater Management and Erosion and Sediment Control were distributed to the Town Supervisor, Town Attorney and Code Enforcement Officer and other appropriate town officials that are involved in developing the local law for Philipstown.

2. Kickoff Meeting for IDDE

On January 12, 2006, a kickoff meeting was held with the Town to discuss local laws that the Town may have to modify in order to comply with NYSDEC's Phase II Stormwater Regulations as they apply to IDDE and Construction Site Stormwater Runoff Control.

IV – MCM 4: CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Summarized below are actions taken by the Town of Philipstown on Construction Site Stormwater Runoff Control, since the SWMP Kick-off Meeting of June 8, 2005

Workshop #1 – Construction-Related Activity

On November 30, 2005, a Public Workshop on Stormwater Construction-Related Activity was held at the Town Hall to discuss the stormwater construction permit, development projects to which this law applies, land disturbance activities, enforcement and site inspections.

V – MCM 5: POST-CONSTRUCTION STORMWATER MANAGEMENT

Summarized below are actions taken by the Town of Philipstown on Post-Construction Stormwater Management, since the SWMP Kick-off Meeting of June 8, 2005

Workshop #1 – Construction-Related Activity

The Public Workshop on Stormwater Construction-Related Activity, held On November 30, 2005, at the Town Hall, also addressed Post-Construction stormwater Management requirements such as enforcement and site inspections, long term operation and maintenance plans for post-construction practices.

VI – MCM 6: POLLUTION PREVENTION/GOOD HOUSEKEEPING

Summarized below are actions taken by the Town of Philipstown on Pollution Prevention/Good Housekeeping, since the SWMP Kick-off Meeting of June 8, 2005

1. Town's Existing Resources and Programs

On July 14, 2005, a meeting was held with the Town Representatives to assess what resources, records, maps, data etc., can be utilized, and to determine municipal operations that may affect the SWMP.

Current roadway operations, as they may impact the SWMP, were reviewed with Roger Chirico, the Town's Highway Superintendent. Approximately 50% or 32 miles of the 63 miles of roads in Philipstown consist of unpaved roads. By nature of the topography and road design (excessively narrow, winding and steep slopes), dirt roads in the town can, if not properly managed, contribute heavily to water quality problems from excessive erosion and sediment release. The issue of roadway ownership was also discussed and will have to be addressed, as the town proceeds in addressing local laws for stormwater management along unpaved roads.

1. The Town will hold Workshops on Pollution Prevention.

II – PHASE II: STORMWATER DISCHARGE DETECTION & ELIMINATION

1. The Town will review current planning and zoning laws.

2. The Town will review, amend and/or adopt new local laws that will address Stormwater Discharge Detection and Elimination.

3. The Town will develop a Stormwater Discharge Detection and Elimination Plan for the Urbanized Areas of Philipstown.

III – PHASE III: EXISTING SITE STORMWATER RUNOFF CONTROL

1. The Town will review, amend and/or adopt new local laws that will address Stormwater Runoff Control.

IV – PHASE IV: CONSTRUCTION STORMWATER MANAGEMENT

1. The Town will review, amend and/or adopt new local laws that will address Construction Stormwater Management.

V – PHASE V: POLLUTION PREVENTION/GOOD HOUSEKEEPING

1. The Town will review Municipal Operations with to determine what changes are necessary for Pollution Prevention/Good Housekeeping.

2. The Town will provide training to operations and maintenance staff, as required by Phase II.

STORMWATER MANAGEMENT PROGRAM

MS4 SPDES NO. NYR20A470

YEAR 4 TARGETED PROGRAMS

Outlined below are targeted actions for the Year 4 SWMP.

I – MCM 1: PUBLIC EDUCATION AND OUTREACH

- The Town will continue to issue Fact Sheets and Newsletters. CFE will provide Fact Sheets and Newsletters.
- The Town will continue Public Education via the Stormwater Website

II – MCM 2: PUBLIC INVOLVEMENT/PARTICIPATION

- The Citizen Advisory Panel (Cap) will continue their public involvement program with volunteer and citizen groups
- The Town will continue to hold Workshops on Pollution Prevention.

III – MCM 3: ILLICIT DISCHARGE DETECTION & ELIMINATION

- The Town will review current planning and zoning laws.
- The Town will amend, modify and/or adopt new local laws that will address Stormwater Construction-Related Activities and Stormwater Illicit Discharge Detection and Elimination.
- The Town will develop Outfall Maps for the Urbanized Areas of Philipstown.

IV – MCM 4: CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

- The Town will initiate the process of amending, modifying and/or adopting new local laws that will address Stormwater Construction-Related Activities

V – MCM 5: POST-CONSTRUCTION STORMWATER MANAGEMENT

- The Town will initiate the process of amending, modifying and/or adopting new local laws that will address Post-Construction Stormwater Management

VI – MCM 6: POLLUTION PREVENTION/GOOD HOUSEKEEPING

- The Town will review Municipal Operations with to determine what changes are necessary for Phase II Stormwater Regulations.
- The Town will provide training to operations and maintenance staff, as required by Phase II Stormwater Regulations.