



**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: Suffolk County SPDES Permit Number: NYR20 A180

See information packet for information to help complete this form.

MCC Form for year ending: March 9, <u> </u> X <u> </u> 2006 (Year 3) <u> </u> 2007 (Year 4) <u> </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? <u> </u> Yes <u> </u> X <u> </u> No			
Name: William Hillman		Title: Chief Engineer	Department: Public Works
Mailing Address:	Street or P.O. Box: 335 Yaphank Avenue		City: Yaphank
	County: Suffolk	State: NY	Zip Code: 11980
Phone: (631) 852-4002		E-mail Address: william.hillman@suffolkcountyny.gov	
Local Stormwater Public Contact (Required by Minimum Measure 2)			
Is information below: 1) new or changed? <u> </u> Yes <u> </u> X <u> </u> No 2) same as: <u> </u> Owner/Operator			
Name: Victor Keneiby		Title: Senior Engineer	Department: Public Works
Mailing Address:	Street or P.O. Box: 335 Yaphank Avenue		City: Yaphank
	County: Suffolk	State: NY	Zip Code: 11980
Phone: (631) 852-5257		E-mail Address: keneibyv@suffolkcountyny.gov	
Stormwater Management Program (SWMP) Coordinator (Responsible for implementation/coordination of SWMP)			
Is information below: 1) new or changed? <u> </u> Yes <u> </u> X <u> </u> No 2) same as: <u> </u> Owner/Operator <u> </u> Local Stormwater Public Contact			
Name: Emerson Hasbrouck		Title: Senior Educator	Department: Cornell University Cooperative Extension of Suffolk
Mailing Address:	Street or P.O. Box: 423 Griffing Avenue		City: Riverhead
	County: Suffolk	State: NY	Zip Code: 11901
Phone: (631) 727-7850		E-mail Address: ech12@cornell.edu	
Annual Report Preparer			
Is information below: 1) new or changed? <u> </u> Yes <u> </u> X <u> </u> No 2) same as: <u> </u> Owner/Operator <u> </u> Local Stormwater Public Contact <u> </u> SWMP Coordinator			
Name: Lorne Brousseau		Title: Extension Resource Educator	Department: Cornell University Cooperative Extension of Suffolk
Mailing Address:	Street or P.O. Box: 180 Little Neck Road		City: Centerport
	County: Suffolk	State: NY	Zip Code: 11721
Phone: (631) 854-5544		E-mail Address: lb66@cornell.edu	

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
Bellport Bay (1701-0320)	Pathogens	X	
Canaan Lake (1701-0018)	Phosphorus/Silt/Sediment	X	
Great Cove (1701-0376)	Pathogens	X	
Huntington Harbor (1702-0228)	Pathogens	X	
Lake Ronkonkoma (1701-0020)	Pathogens/Phosphorus	X	
Narrow Bay (1701-0318)	Pathogens	X	
Nicoll Bay (1701-0375)	Pathogens	X	
Northport Harbor (1702-0230)	Pathogens	X	
Patchogue Bay (1701-0326)	Pathogens	X	
Peconic River, Lower, and tidal trib (1701-0259)	D.O./Oxygen Demand	X	
Stony Brook Hbr /West Meadow Cr (1702-0047)	Pathogens	X	
Long Island Sound	D.O.		X
<p>NOTE: There are 56 303(d) listed waterbodies found in Suffolk County. Through the IDDE, it has been determined that SC discharges into 11 of them (see above) and does not discharge into 13 of them. The status of the remaining 32 waterbodies will be determined as the IDDE program continues. Long Island Sound is the only waterbody in or adjacent to Suffolk County with a TMDL.</p>			

2. Have you received notification from the Department that you are subject to the special conditions in Part III.B. of the permit?

Yes
 No

3. Have all necessary changes been made to the Stormwater Management Program (SWMP) to ensure compliance with Part III.B. of the MS4 permit for discharges to 303(d) or TMDL waters?

Yes
 No (explain below)

Explanation:

Section C. Partnership Information

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

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

List MS4 Partners with Legally Binding Agreements or Contracts in Place

Cornell University Cooperative Extension of Suffolk County (CCE)

List MS4 Partners with Planned Legally Binding Agreements or Contracts

List MS4 Partners with Other Agreements in Place

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: **The SWMP covers all roads and properties owned, maintained and/or operated by Suffolk County**

Section E. Funding and Resource Allocation

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

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

Explain:

The County has a five year contract in place with CCE to fulfill the requirements of the SWMP. The SWMP will be fully funded for five years per County resolution. However, funding was not fully allocated through contract until 2005, two years beyond the start of the permit term. The full allocation of funds is proof that the County is strongly committed to fully implementing a SWMP. Yet, due to the delayed allocation of funding it is not expected that a five year implementation plan can be achieved within three years.

Given the circumstances, including the existence of a five year contract and a dedicated funding source, a conversation with the DEC indicated that it was acceptable to answer no to this section.

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: **The SWMP is funded through the Suffolk County Water Quality Protection and Restoration Program at an approximate amount of \$360,000 per annum.**

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:	<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: We have not yet modified the bid specifications for our non-traditional MS4, we are waiting for the NYSDEC to publish guidance documents on how to implement. This will be addressed in the next permit year.	<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.5.	Post-Construction Stormwater Management Explain 'no' / 'N/A' answer: We have not yet modified the bid specifications for our non-traditional MS4, we are waiting for the NYSDEC to publish guidance documents on how to implement. This will be addressed in the next permit year.	<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: Although some employees have received training on pollution prevention, we are looking to augment and address specific priorities in the next permit year.	<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

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: _____ Title: _____

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: SUFFOLK COUNTY SPDES Permit Number: NYR20A180

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>
<p><i>A.1 Develop education and outreach resources.</i></p> <p>-Outreach education being funded by Suffolk County (SC), managed by Suffolk County Department of Public Works (SCDPW), and contracted to Cornell University Cooperative Extension of Suffolk County (CCE).</p>	<p>A full-time stormwater educator was hired and has developed outreach curricula (K-7 classes, senior’s classes, civic groups). Additionally, four part-time educators have been hired to assist with stormwater educational program delivery. An educational brochure (for adults) and a “kid’s flyer” were produced and are being broadly distributed. Completed in March 2006.</p>
<p><i>A.2 Develop brochures to support public meetings.</i></p> <p>- Funded by SC, managed by SCDPW, and contracted to CCE.</p>	<p>Oral presentations, PowerPoint slideshows, posters, brochures and flyers have been developed to support public outreach and meetings. Citizens are notified of public comment opportunities and meetings through the existing infrastructure of the Suffolk County Council of Environmental Quality (SCCEQ), through our website, and through selected mailings. Completed in March 2006.</p>
<p><i>A.3 Create stormwater contact.</i></p> <p>- Funded by SC, managed by SCDPW, and contracted to CCE.</p>	<p>Several stormwater contacts have been designated for the Suffolk County Stormwater Management Program (SC SWMP): Lorne Brousseau for program information (lb66@cornell.edu), Joanna Corey for technical issues (jlc254@cornell.edu), and Mark Cappellino for educational outreach information (mec26@cornell.edu). Completed in June 2005.</p>
<p><i>A.4 Identify existing education programs.</i></p>	<p>Several existing educational programs were identified as potential teaching tools (e.g. Project Wet). However, in order to more closely match the specific needs</p>

<p>- Funded by SC, managed by SCDPW, and contracted to CCE.</p>	<p>and priority issues in Suffolk County (e.g., emphasis on pathogens which has caused many waterbodies to be listed on the 303d), unique outreach classes have been developed and implemented. The emphasis may change as we find new and innovative programs or when we approach an area with unique local conditions. Completed in September 2005.</p>
<p><i>A.5 Collect local water quality information</i> - Suffolk County Department of Health Services (SCDHS) - NYSDEC</p>	<p>Suffolk County currently conducts an extremely comprehensive water quality monitoring program. The program has been in existence since the mid-1970s, and currently monitors over 100 stations at various times throughout the year. The NYSDEC also conducts coliform counts at numerous sites throughout the County. This is a long-term ongoing program which is expected to continue indefinitely.</p>
<p><i>A.6 Identify pollutants of concern</i> - Funded by SC, managed by SCDPW, and contracted to CCE.</p>	<p>Various association publications (Long Island Sound Study, Peconic Estuary program, South Shore Estuary Reserve) and websites (EPA, NYSDEC) continue to be monitored to keep our program updated on pollutants of concern. However, most of the 303(d) waterbodies that the County is currently known to discharge into list “pathogens” as the primary pollutant of concern. Therefore, the importance of coliforms is being emphasized in educational outreach classes. Pesticides and fertilizers are also a significant problem in Suffolk County and are consequently additional pollutants of concern. Completed in January 2005.</p>
<p><i>A.7 Identify Target Audiences</i> - Educational outreach funded by SC, managed by SCDPW, and contracted to CCE.</p>	<p>Target audiences were selected based on the need for stormwater education, the likelihood of promoting changes in behavior, as well as priority geographic areas of concern. Target audiences included children (K-7), seniors, and civic associations. Future considerations will take into account community demographics, such as our planned efforts within the growing Suffolk County Hispanic community. Efforts have also targeted the business community. A stormwater educational display was presented at the Nassau Suffolk Landscape Gardeners Association Conference on March 7, 2006. One of the selected geographic areas of concern was Lake Ronkonkoma which has significant pathogen problems (e.g. high counts resulting in beach closures). Coliform identification through DNA analysis and educational outreach has been conducted to help study and mitigate the problem. Completed January 2006.</p>
<p><i>B.1 Further development of infrastructure resources</i> - Educational outreach funded by SC, managed by SCDPW, and implemented by SCDPW and CCE.</p>	<p>In addition to current staff (DPW and CCE project leaders, project managers, a full-time stormwater/GIS specialist, and a full-time educator), eight part-time technicians worked on IDDE, four additional part-time educators did outreach, and a part-time Information Technology (IT) specialist worked on the web design. Completed March 2006.</p>
<p><i>B.2 Create informational website</i></p>	<p>A comprehensive website has been developed (www.co.suffolk.ny.us/stormwater/). It provides general information, details</p>

<p>- Funded by SC, managed by SCDPW, and contracted to CCE.</p>	<p>educational outreach efforts, has a document download section, has a kids page, lists best management practices (BMPs), lists contact information, publishes public meeting notices, and provides interesting links. Completed March 2006, but the site will be updated routinely and expanded during the next permit year.</p>
<p><i>B.3 Develop school curricula</i> - Funded by SC, managed by SCDPW, and contracted to CCE.</p>	<p>Several stormwater classes have been developed and implemented. These classes are offered free of charge by Suffolk County and include: Be a Stormwater Superhero (grades k-4, 22 classes taught); Meet Stormy Waters (grades 4-7, just developed); Stormwater in Your Neighborhood (grades 4-7, 76 classes taught); Introduction to Stormwater (grades K-5, 25 classes taught); Teacher Workshop (Scope, 1 class taught). School curricula will also be developed for high school students if there is interest. In 2005 alone, over 3000 children were directly reached. The classes will be modified as needed depending on changes in pollutants or geographic areas of concern, as well as feedback on classes from students, teachers, or the Citizens Advisory Committee (CAC). Teachers are being given questionnaires following the outreach classes so they have the opportunity to rate and provide feedback on the class. Completed January 2006.</p>
<p><i>B.4 Contact target audiences and groups</i> -Funded by SC, managed by SCDPW, and contracted to CCE.</p>	<p>The target audiences described in I A.7 have all been contacted and classes are being given free of charge. The following classes were conducted in 2005: 123 youth classes (3000 children), 4 seniors classes (86 adults), and 3 civic association meetings (111 adults). We feel that targeting both youth and adults maximizes the chance of educating the public. This is an ongoing task, with plans to reach a similar number of people in the next permit year.</p>
<p><i>B.5 Train volunteer educators (if necessary)</i></p>	<p>Since we have a full-time Educational Outreach Specialist as well as four part-time educators, there was no need in this past permit year to train and utilize volunteers. If necessary in the future, volunteers will be trained.</p>
<p><i>C.1 Stencil storm drains</i> - Funded by SC, managed by SCDPW, and implemented by SCDPW and CCE.</p>	<p>Customized curb markers which list the Program name as well as the Program mascot have been designed and printed (7000 curb markers). A curb marker will be attached to each County-maintained storm drain, starting in spring 2006. In addition, since Lake Ronkonkoma was one of our target geographic areas, 400 of the markers have a message more specific to the lake. This is an ongoing task. The goal is to mark 50% of the basins in the next permit year.</p>
<p><i>C.2 Revise drainage standard detail</i> - Funded by SC, managed by SCDPW, and contracted to CCE.</p>	<p>The existing catch basin and manhole cover standard detail has been reviewed. A supplier of stormwater structure components has designed an alternative detail which lists a do not pollute message with the Program mascot. SCDPW is currently reviewing the design and will decide upon its official adoption. This is an ongoing task, scheduled to be completed in the next permit year.</p>
<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)
<i>Developed and unveiled Suffolk County Stormwater Management Program mascot and logo</i>	With the assistance of the Stormwater Citizens Advisory Committee, the County has developed a program mascot and logo, which will be displayed on all education and outreach materials, customized curb markers (MCM#1.C.1.), and the stormwater website to bring County-wide recognition to the program (Appendix 3)
Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change: The only measurable goal which has changed significantly is the storm drain stenciling. Through research and trials we found the use of spray stencils to be impractical for the scope of this project. In addition, they are not aesthetically pleasing and are relatively short lived (message fades in a few years). We thus decided to use plastic UV-resistant curb markers which we are able to customize with our Program name and logo, that not only look better, but will last significantly longer. Although we are behind schedule with respect to this project component, we believe that it was worthwhile to analyze and experiment as described with various products in order to determine the best strategy. We will begin implementing this component in spring 2006.	

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"> • <i>Describe activities that the MS4 has/will undertake to provide program access to interested individuals and to gather needed input.</i> • <i>Indicate activities planned for next year.</i> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p><i>A.1 Identify existing water quality monitoring efforts.</i></p>	<p>Some volunteer water quality monitoring efforts have been found to exist in Suffolk County. The most comprehensive is the “Waterlogging Program”, which has volunteers monitoring the water quality of numerous stations in the Huntington Bay complex throughout the year. The Program is attempting to expand into other waterbodies throughout Suffolk County with assistance from the U.S. Coast Guard Auxiliary. Completed January 2005.</p>
<p><i>A.2 Coordinate the use of volunteers to supplement data collection efforts.</i></p>	<p>Suffolk County has a “report a polluter” program which gives citizens/volunteers the ability to report illicit discharges from outfalls. The Suffolk County Department of Health Services (SCDHS) has personnel which conduct site visits and run water quality samples in response to complaints. The water quality tests include coliforms and other Suffolk County pollutants of concern. If there is an illicit discharge, SCDHS works with the violator to remediate the situation. This service/program is advertised on the developed stormwater website and through other means. The “report a polluter” program is an ongoing effort expected to continue indefinitely.</p>
<p><i>A.3 Use volunteer programs to help identify outfalls and stencil drains.</i></p>	<p>Since enough trained personnel (eight part-time technicians) have been dedicated to identifying outfalls, we have not recruited volunteers to assist with the task. However, we will be using volunteers (boy scouts, 4H clubs, school groups, etc.) to help with storm drain marking whenever possible. For example, on the upcoming Earth Day children will help place markers on the County-maintained catch basins on Shelter Island. As with the educational outreach, youth is one of our main priority audiences, and attempts will be made to involve them in curb marking efforts. This is an ongoing effort which will utilize several groups of volunteers to help mark storm drains in the next permit year.</p>
<p><i>B.1 Create citizen panel to discuss stormwater issues.</i></p>	<p>A stormwater Citizens Advisory Committee (CAC) was created and is composed of various segments of the population. There are members from the north and south shores as well as the Peconics. Each member brings unique input or skills (e.g., there are seniors, a lawyer, a teacher, a high school student etc.) therefore maximizing its utility. Completed in October 2005.</p>
<p><i>B.2 Host panel meetings.</i></p>	<p>The CAC meets quarterly. The agenda, meeting minutes and members list is available on the stormwater website. The purpose of the committee is to provide</p>

	input on educational outreach efforts of the Stormwater Program. Also, they will assist us in other components of the Program, such as recruiting volunteers, reviewing proposed ordinances, and suggesting good housekeeping practices. This is an ongoing effort and the panel will meet four times in next permit year.
<i>C.1 Public meetings notifications.</i>	See MCM#1 A.2, MCM#1 B.2, and permit reference IV.C.2.a, f (below)
<i>D.1 Finalize citizen panel recommendations.</i>	Recommendations from members of the stormwater CAC are incorporated into the Program as they are received. Most of the outreach materials or project components are discussed with the panel before they are implemented. Examples of how the CAC has already helped is the design of the Program logo (See Appendix 3) and the webpage. This is an ongoing effort which will continue in the next permit year.
<i>E.1 Investigate potential Public Service Announcement (PSA) venues.</i>	Several possible PSA venues have been investigated. One cost-effective venue will be on the Suffolk County stormwater website. Another possible venue is on local cable television. Cablevision has been contacted and they have indicated that they would be interested in airing PSA's that we produce. Completed in January 2006.
<i>E.2 Establish implementation process.</i>	A 30 second video PSA has been produced and is available for download off of the Suffolk County stormwater website. A longer, more detailed video PSA will be created and also placed on the website. We will also work with Cablevision in an attempt to air one or both of the above on local cable. This is an ongoing effort, we will attempt to air at least 1 PSA in the next permit year.
<i>F.1 Involve volunteers in community clean-ups.</i>	Suffolk County manages an "Adopt-A-Highway" program where volunteers adopt a stretch of County-maintained road and are responsible for periodic clean-ups. At this point 100 lane miles of County road are adopted by citizen groups. Volunteers are provided safety training and equipment (vests, signage). This is an ongoing effort that will continue indefinitely. Independent volunteer clean up efforts also take place on County parks throughout the year. Many volunteers clean Suffolk County maintained parks and beaches as part of the American Littoral Society's Coastal Clean-up effort each fall. School groups, environmental associations, businesses, and other volunteer groups independently conduct clean-ups throughout the year and Suffolk County Parks will dispose of the trash collected. At this time the Parks Department does not have an estimate as to the number of clean-ups conducted or trash collected.
<i>F.2 Coordinate refuse removal.</i>	Suffolk County DPW picks up all refuse generated from the Adopt-A-Highway program. Volunteers call and indicate when the litter clean-up will take place, and the DPW will arrange to pick it up and dispose of it properly. This is an ongoing effort that will continue indefinitely.
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>	
1) Through the Suffolk County Council of Environmental Quality (CEQ). 100 copies of the annual report are distributed to the CEQ who send it	

to all towns and villages and environmental groups in Suffolk County. The report was outlined and discussed at the April 19, 2006 meeting, which was open to the public (anyone is allowed to attend and ask questions).

- 2) On the Suffolk County stormwater website. The full annual report was posted on the website with available contact information for anyone who had questions and comments.
- 3) The annual report was distributed to the Stormwater CAC. Members were urged to read the report and provide comments.

Permit Reference IV.C.2.e: Public presentation of; **f:** summary of comments received on; and **g:** intended response to comments on the SWMPAR.

Summarize attendance at the public presentation of the Annual Report. Include number of attendees and who was represented:
There were approximately 20 attendees at the public presentation of the annual report. Representation included members of the Suffolk County Council of Environmental Quality and environmental groups (e.g. Peconic Baykeeper).

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. (APPENDIX 1)	Date of Annual Report Meeting: April 19 th , 2006	Approximate Date of Meeting Next Year: April 18 th , 2007
---	--	--

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:
The following changes should be noted:

- 1) A volunteer outfall identification component is not currently being done for the following reasons: a) There are already eight part-time staff working on the identification and b) it was felt that in order to maximize quality control, only trained technicians should conduct the inventory.
- 2) The volunteer storm drain marking effort has not yet begun (See explanation under MCM#1). However, 7,000 markers are now on hand, and the effort will begin in the spring 2006.

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

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

<p>Permit Reference IV.C.3.a: Develop, implement and enforce a program to detect, identify and eliminate illicit discharges, including illegal dumping, into the MS4.</p> <ul style="list-style-type: none"> • <i>Explain the activities and procedures used to meet this requirement this year <u>and planned for next year.</u></i> • <i>Revise as procedures are updated.</i> • <i>Identify personnel or outside organization conducting the activities</i> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p> <ul style="list-style-type: none"> • <i>Example measurable goals: number of illicit discharges detected; number of illicit discharges eliminated.</i>
<p><i>A.1 Implement Information management System (IMS).</i></p> <p>- Funded by SC, managed by SCDPW, and contracted to CCE.</p>	<p>An information management system (IMS) has been created in ArcGIS. The IMS contains layers such as: outfalls, recharge basins, NYS wetlands, County-maintained properties and roads, 303(d) listed waterbodies, SCDHS water quality data (see MCM#1 A.5), and 2004 aerial photographs. In addition, some of the layers such as the outfalls layer have data associated with it; simply clicking on a point will automatically retrieve photographs and descriptive field data. The database is updated at least once per month as new information is collected in the field. The IMS has the ability to be integrated into the existing DPW database which contains digital plans for construction projects among other information. This integration will occur in the final permit year. This is an ongoing effort.</p>
<p><i>B.1 Identify municipal recycling programs.</i></p> <p>- Funded by SC, managed by SCDPW, and contracted to CCE.</p>	<p>The municipal recycling programs for all 10 towns in Suffolk County were identified. The information included addresses of recycling centers, hours of operation, contact phone numbers, and a listing of all pick-up and drop-off accepted materials. Completed in January 2006.</p>
<p><i>B.2 Assist with publicizing recycling programs.</i></p> <p>- Funded by SC, managed by SCDPW, and contracted to CCE.</p>	<p>For each of the Towns, the above information has been summarized and posted on the Suffolk County stormwater website. In addition there are other pages on the website, such as the sections on household Best Management Practices (BMPs), which further encourage people to recycle. Completed in January 2006.</p>
<p><i>B.3 Encourage municipalities to implement programs if none currently exists.</i></p> <p>- Funded by SC, managed by SCDPW, and contracted to CCE.</p>	<p>This was not found to be necessary since all towns in Suffolk County have established recycling programs.</p>
<p><i>C.1 Create storm sewer map.</i></p> <p>- Funded by SC, managed by SCDPW, and contracted to CCE.</p>	<p>The IMS (see MCM#3 A.1) has already been created in Geographic Information Systems (GIS) format. Base files for the IMS were completed in August 2005, updating the IMS will be ongoing through the final permit year.</p>
<p><i>C.2 Collect information on outfalls and verify locations.</i></p> <p>- Funded by SC, managed by SCDPW, and conducted by</p>	<p>Existing knowledge of outfalls through various sources (DEC shoreline survey, previous consulting work) has been collected. However, it has been found that existing data is incomplete or inaccurate (limited field verification). Therefore, all</p>

<p>SCDPW and CCE.</p>	<p>County roads and properties are being physically searched by staff for the presence of outfalls. Once located, they are recorded with a sub-meter GPS, the physical construction and condition is noted, they are assessed for the presence of illicit discharges (dry weather flow), and several photographs are taken. All this information is incorporated into the IMS. This is being done by eight part-time technicians. Currently, 75% of the roads and 35% of the properties have been surveyed for outfalls. This is an ongoing effort. In the next permit year, the remaining 25% of the roads and an additional 35% of parcels will be completed.</p>
<p><i>D.1 Identification of illicit discharges.</i></p> <p>- Funded by SC, managed by SCDPW, and conducted by SCDPW and CCE.</p>	<p>Inventoried outfalls are currently being assessed for the presence of illicit discharges. For any outfalls which have dry weather flow, the discharge is analyzed in order to determine if there is an illicit connection. Since coliforms are a priority pollutant, some outfalls with dry weather flow will be run for fecal coliform counts to see if there are high concentrations. If this is found, DNA analysis may be conducted to determine the source of coliforms. To date, 160 outfalls have been found. Of these, 15 have been observed to have dry weather flow. cursory examination of the dry weather flows (color, odor, turbidity, floatables, vegetative growth) have not conclusively indicated an illicit discharge. In a few cases, additional sampling was performed (pH, salinity, precise turbidity, coliform enumeration) but came up negative. This is an ongoing effort which will continue into the next permit year.</p>
<p><i>E.1 Develop ordinance or regulatory mechanism.</i></p> <p>- Funded by SC, managed by SCDPW, and contracted to CCE.</p>	<p>A draft article of Suffolk County Sanitary Code has been completed and proposes the following changes:</p> <ul style="list-style-type: none"> a) An amendment to “Article 5 General Sanitation”: a section was added making failing individual sewage treatment systems illegal. b) An amendment to “Article 7 Water Pollution Control”: text was added to clarify the role of the SPDES permits for stormwater. c) Proposed a new article which is similar to the NYSDEC Model Ordinance (slightly modified in several instances in order to be relevant to the County’s needs and abilities). This is an ongoing effort which will be completed in the next permit year.
<p><i>E.2 Encourage County Executive and Legislature to approve ordinance.</i></p> <p>- Funded by SC, managed by SCDPW, and conducted by SCDPW, SCDHS and CCE.</p>	<p>The proposed article is currently being circulated among Department of Health Services (SCDHS) and DPW personnel. Once the draft is finalized, it will be sent to the appropriate parties (attorneys, Legislature, County Executive) with the intent of getting the amendments and additional article approved and passed. This is an ongoing effort which will be initiated in the next permit year.</p>
<p><i>F.1 Train applicable employees for illicit discharge identification.</i></p> <p>- Funded by SC, managed by SCDPW and SCDHS, and</p>	<p>CCE and SCDPW technicians, who are currently conducting the outfall inventory and monitoring program, have been trained to identify illicit discharges through visual inspections and/or water quality analysis (including coliform enumeration or DNA profiling). Additionally, SCDHS which oversees the report a polluter</p>

<p>conducted by SCDPW, SCDHS and CCE.</p>	<p>program, also has trained staff to identify, quantify, remediate, and enforce any illicit connections which are found. This is an ongoing effort; future efforts will be focused on training additional personnel, such as those responsible for the cleaning and maintenance of catch basins (e.g. vacuum truck operators).</p>
<p><i>G.1 Illicit discharge detection and elimination (IDDE).</i></p> <p>- Funded by SC, managed by SCDPW, and conducted by SCDPW and CCE.</p>	<p>To date, approximately 160 outfalls have been located on County-maintained roads or properties. Of these, approximately 6% have been found to have some dry weather flow. Information such as flow volume, color, odor, floatables, deposit, turbidity and vegetative growth has been obtained at all dry weather flow outfalls. Additional analysis for several samples (turbidity count, dissolved oxygen, salinity, pH and coliform enumeration) has also been conducted and is being incorporated into the GIS database as described in MCM#3.A.1. To date, no illicit discharges to County-maintained or operated outfalls have been detected. Similarly with the report-a-polluter program (SCDHS), no illicit connections have been found to Suffolk County-maintained outfalls. This is an ongoing effort which will continue in the next permit year.</p>
<p><i>H.1 Completion of IDDE.</i></p> <p>- Funded by SC, managed by SCDPW and SCDHS, and conducted by SCDPW, SCDHS and CCE.</p>	<p>The goal is to eliminate 50% of all detected illicit discharges by the end of the permit term. As of yet, no illicit discharges have been located. This is an ongoing effort which will be completed by the end of the final permit year.</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>
<ul style="list-style-type: none"> • field verification of outfall locations 	<p>See MCM#3 C.2. Since existing plans which may detail outfalls are incomplete or inaccurate, all outfalls are field verified. The GIS maps produced may be cross referenced to digital archives of construction blueprints if it is found to be feasible. This is an ongoing effort, which will be continued in the next permit year.</p>
<ul style="list-style-type: none"> • mapping all inter-municipal subsurface conveyances 	<p>Thus far, 4 instances of inter-municipal connections which involve Suffolk County have been found. Two (2) are with the Town of Huntington, one (1) is with the Town of Islip, and one (1) is with New York State (NYSDOT operated road). This</p>

	is an ongoing effort, which will be continued in the next permit year.
<ul style="list-style-type: none"> delineating storm sewershed 	<p>The focus of the program is to find, catalog, and observe for dry weather all outfall pipes on Suffolk County roads or parcels (See MCM#3 A.1). Once this is complete, the DPW intends to start cataloging catch basins and eventually conveyance systems. This is beyond the scope of the original Notice of Intent (NOI), and will only be initiated if funding and personnel will allow.</p>
<ul style="list-style-type: none"> developing and retaining MS4 mapping as needed to find the source and identify illicit discharges. <i>State if maps are in GIS.</i> 	<p>All maps are in GIS format, all structures are positioned using a sub-meter resolution GIS. The IMS will be stored and integrated into the existing DPW data network, and will be updated as needed during the next permit year.</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 checked="" type="checkbox"/> X No (go to ADDENDUM 1) <input type="checkbox"/> Yes (complete questions below) While Suffolk County has the legal authority to enact regulatory mechanisms, these mechanisms will only cover illicit connections to County-maintained roads and properties. Through consultation with Carrie Beutow of NYSDEC, we were directed to complete Addendum 1 since Suffolk County is a non-traditional MS4.
---	---

Assessment of Regulatory Mechanism (Local Code)

1) When was this assessment completed or planned to be completed?	Date completed: _____ <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 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: <u> </u> 4; <u> </u> 5.
6) If you answered 'No' to question 1, 2 or 3, what regulatory mechanism or amendments will be adopted to meet the MS4 permit requirements?	<input type="checkbox"/> NYS IDDE Model Law in its entirety <input type="checkbox"/> Selected NYS IDDE Model Law articles adopted as amendments to existing code(s) that are equivalent to the NYS IDDE Model Law <input type="checkbox"/> MS4 will write language equivalent to NYS IDDE Model Law
7) If you answered 'No' to question 1, 2 or 3, has a list of needed changes to local codes been developed for adoption of the regulatory mechanism?	<input type="checkbox"/> No <input type="checkbox"/> Yes, list the local code(s) that will be changed:
8) If the existing regulatory mechanism does not require amendments, what language is in the mechanism?	<input type="checkbox"/> NYS IDDE Model Law in its entirety <input type="checkbox"/> Selected NYS IDDE Model Law articles adopted as amendments to existing code(s) that are equivalent to the NYS IDDE Model Law <input 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 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><i>Inform public employees, businesses and the general public of hazards associated with illegal discharges and improper disposal of waste.</i></p> <p>- Funded by SC, managed by SCDPW and SCDHS, and conducted by SCDPW, SCDHS and CCE.</p>	<p>SCDHS and CCE technicians have been trained on the hazards associated with illicit discharges and improper disposal of waste (with respect to both human and aquatic organisms’ health). Since illicit discharges are an important issue, some of the educational outreach efforts have focused on this. For example, the Suffolk County stormwater website describes how to find an illicit discharge, and provides a link to the “report a polluter” program. Also, the website has information such as Best Management Practices (BMPs) on how a homeowner or business can avoid being an illicit discharge, as well as a description of how common illicit discharges can impact the environment. Efforts to inform the public (e.g. PSA’s) will continue in the next permit year.</p>
<p>Additional Techniques</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change: The only significant change is the scheduled date for the adoption of an ordinance. Since the project commenced later than anticipated (funding restrictions) and the DEC’s model ordinances were released in fall 2005, the proposed article of Suffolk County Sanitary Code has only recently been completed and is circulating for review. The goal remains to have an adopted addition to Suffolk County Sanitary Code by August 2007.</p>	

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

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

Does the MS4 have the legal authority to enact land use ordinances, local laws or other regulatory mechanisms?	<input checked="" type="checkbox"/> No (go to ADDENDUM 2) <input type="checkbox"/> Yes (complete questions below) While Suffolk County has the legal authority to enact regulatory mechanisms, these mechanisms will only cover construction/post-construction activities on County-maintained roads and properties. Through consultation with Carrie Beutow of NYSDEC, we were directed to complete Addendum 2 since Suffolk County is a non-traditional MS4.
--	--

Preliminary Assessment of Regulatory Mechanism (Local Code)

1. When was the preliminary assessment of existing local codes completed or when will it be completed?	Date completed: _____ Not yet completed (proceed to next table) Plan to complete for reporting in year: ___4; ___5. <input type="checkbox"/> Did not do preliminary assessment; proceeded directly to Gap Analysis Worksheets 1-4 or adopted <i>Sample Local Law for Stormwater Management and Erosion & Sediment Control</i> (Sample Local Law).
--	---

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
---	--

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*? <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 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.
---	---

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><i>Site Plan Review</i></p>	<p>This section is not applicable to Suffolk County. Site plan reviews for residential or commercial developments are submitted to the responsible town, village, and/or homeowners association. One or several of the above municipalities are responsible for incorporating water quality impacts, reviewing plans, and enforcing violations. Suffolk County is only legally responsible for County construction activities which occur on County-maintained roads and properties. Contractors hired to perform work for these activities are regulated through bid specifications and work contracts, and Suffolk County has qualified engineers to review the site plans and conduct inspections to ensure that BMPs are utilized appropriately (see MCM#4 B2).</p>
<p>Permit Reference IV.C.4.b. vi: Develop and implement procedures for the receipt and consideration of information submitted by the public.</p> <ul style="list-style-type: none"> Explain the procedures below. <u>Revise as procedures are updated.</u> Identify the responsible personnel or outside organizations. 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p><i>Public information and comments regarding projects on Suffolk County-maintained roads and properties.</i></p> <p>-managed and conducted by SCDPW</p>	<p>As above, Suffolk County cannot legally oversee residential and commercial construction projects; comments associated with the projects are directed to the responsible town, village, or homeowners association. For public information received concerning County projects on County-maintained roads and properties, queries are responded to by the SCDPW engineer responsible for the project. In addition, once the IMS is integrated into the existing SCDPW database, public information or comments may be stored with their respective projects and SWPPPs (See MCM#4 B.1). In some projects, such as those utilizing Federal dollars, there are active efforts to reach out to the public for comments.</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><i>Inspections (County-maintained roads and properties):</i> -managed and conducted by SCDPW</p>	<p>See MCM#4 B.2 (under additional techniques).</p>
<p><i>Enforcement (County-maintained roads and properties):</i> -managed and conducted by SCDPW</p>	<p>To date, there have been no instances where enforcement has been necessary.</p>
<p><i>Sanctions (County-maintained roads and properties):</i> -managed and conducted by SCDPW</p>	<p>The most effective sanction is withholding of payment to contractors. All construction projects under County jurisdiction occur on County-maintained roads or properties. These projects are conducted by contractors which must adhere to the bid specifications and work contract (both of which have mandatory stormwater BMPs). Failure to adhere to the above documents would allow the County to withhold payment, but to date this has not been necessary.</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><i>Educate and train construction site operators</i></p>	<p>Once again, this is not applicable since construction site operators for residential and commercial developments fall under town, village, and/or homeowner’s association jurisdiction. It is these bodies which must educate and train construction site operators in regard to particular ordinances in place. For County construction projects one acre or greater on County-maintained roads and properties, SWPPPs are prepared by SC DPW engineers. These are the only construction projects that fall within the County MS4 jurisdiction. In the next year SC DPW engineers will be trained to choose BMPs per NYS Standards and Specifications for Sediment and Erosion Control and the NYS Stormwater Management Design Manual. Bid specifications will also be reviewed and amended per DEC requirements, making proper SWPPP implementation a component of all applicable contracts.</p>

<p>Additional Techniques</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. 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p><i>A.1 Establish water quality benchmarks.</i></p> <p>- Suffolk County Department of Health Services (SCDHS)</p>	<p>Suffolk County currently conducts an extremely comprehensive water quality monitoring program. The program has been in existence for many years, and currently monitors over 100 stations at various times throughout the year. The 2002 data can serve as a benchmark for future water quality comparisons. Completed in May 2005.</p>
<p><i>B.1 IMS to track public information and staff inspections.</i></p> <p>- Funded by SC, managed by SCDPW, and conducted by SCDPW and CCE.</p>	<p>An information management (IMS) system has been created in ArcGIS. The IMS contains layers such as: outfalls, recharge basins, NYS wetlands, County-maintained properties and roads, 303(d) listed waterbodies, SCDHS water quality data and 2004 aerial photographs (see MCM#3 A.1). In the next two permit years, the IMS will be integrated into the existing SCDPW database which contains digital plans for construction projects among other information. Once this is done, it will be possible to link digital copies of site inspections, compliance certifications, discharge reports, and approved SWPPP documents for regulated construction activities. The IMS will also be used to track public information or comments regarding specific projects (e.g., those requiring a SWPPP). This is an ongoing effort.</p>
<p><i>B.2 Develop site inspection procedures.</i></p> <p>- Suffolk County Department of Public Works (SCDPW)</p>	<p>Suffolk County has site inspection procedures for construction projects greater or equal to 1 acre, which require the contractor to inspect the site: prior to a forecast storm, after a rain event that causes runoff from the construction site, at 24 hour intervals during extended rain events, and every two weeks during non-rainy periods. This includes filling in a comprehensive “Storm Water Quality Construction Site Inspection Checklist”. In addition, the SCDPW has qualified engineers to conduct periodic inspections to ensure that stormwater runoff BMPs are in place and functioning as intended. Completed March 2004.</p>
<p><i>C.1 Develop ordinance or regulatory mechanism.</i></p>	<p>As directed by NYSDEC staff, Suffolk County is not required to complete the Gap Analysis (construction ordinance) since it is of limited relevance. Alternatively, Suffolk County will complete a similar procedure which will focus on County bid specification practices. However, at the time of writing this annual report (March 2006), the NYSDEC had not yet released their draft guidelines for the “bid spec analysis”. Therefore, changes to bid specifications will take place in the next permit year, and any related bid spec analysis will be included in the 2006/2007 annual report.</p>
<p><i>D.1 Implementation of inspection program.</i></p>	<p>The inspection program has been implemented (as indicated by the procedures</p>

<p>-Managed and conducted by SCDPW</p>	<p>outlined in MCM#4 B.2, additional techniques) and is currently in place. Completed March 2004.</p>
<p><i>D.2 Fully implemented inspection program.</i></p> <p>- Managed and conducted by SCDPW</p>	<p>Existing procedures, Best Management Practices (BMPs), and checklists will be compared to the New York Standards and Specifications for Erosion and Sediment Control (NYSSDESC) to ensure that the most up to date standards are being applied (next permit year). Any discrepancies between existing practices and the NYSSDESC will be addressed in the next permit year. This is an ongoing effort.</p>
<p><i>E.1 Staff training.</i></p> <p>- Managed and conducted by SCDPW</p>	<p>Staff and management are currently trained and adhere to BMPs outlined in the New York Contractors Erosion and Sediment Control Field Notebook (ESCFN). Staff responsible for conducting site inspections utilize the ESCFN as a guidance document. In the next permit year, efforts will be made to train staff on the more comprehensive standards as per the NYSSDESC. This is an ongoing effort.</p>
<p><i>E.2 Fully implemented staff training.</i></p>	<p>As per the NOI, not scheduled for implementation until a later permit year.</p>
<p><i>F.1 Identify areas of water quality improvement.</i></p>	<p>As per the NOI, not scheduled for implementation until a later permit year.</p>
<p><i>F.2 Identify problems in non-improved areas.</i></p>	<p>As per the NOI, not scheduled for implementation until a later permit year.</p>
<p><i>G Maximum compliance through inspections.</i></p>	<p>As per the NOI, not scheduled for implementation until a later permit year.</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.

<p>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:</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"> • 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> 	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
	<p>Staff are currently trained and adhere to BMPs outlined in the New York Contractors Erosion and Sediment Control Field Notebook (ESCFN). Staff responsible for conducting site inspections currently utilize the ESCFN as a guidance document. In the next permit year, efforts will be made to train staff on the more comprehensive standards as per the New York State Stormwater Management Design Manual. This is an ongoing effort.</p>
<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>
	<p>This section is not applicable to Suffolk County. Site plan and SWPPP reviews for residential or commercial developments are submitted to the responsible town, village, and/or homeowners association. One or several of the above municipalities are responsible for incorporating water quality impacts, reviewing plans, and enforcing violations. Suffolk County is only legally responsible for County construction activities which occur on County-maintained roads and properties. Contractors hired to perform work on County roads or properties are closely regulated through bid specifications and work contracts, and Suffolk County has qualified engineers to review the site plans and conduct inspections to minimize the impacts of stormwater runoff (see MCM#4 B2). Necessary SWPPP's are developed by qualified and trained SCDPW staff.</p>

Minimum Control Measure 5. Post-Construction Stormwater Management

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

<p>Permit Reference IV.C.5.a, c. (continued): Develop and implement a post-construction stormwater management program that addresses stormwater runoff from new development and redevelopment and will reduce the discharge of pollutants to the MEP. Program requirements should include:</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • Procedures for inspection and maintenance of post-construction management practices. • <i>Explain procedures below. Revise as procedures are updated.</i> 	<ul style="list-style-type: none"> • <i>Example measurable goals are number of: inspections maintenance activities performed.</i>
	<p>As indicated in the bid specifications, contractors must adopt a number of post construction BMPs. The SCDPW engineer in charge of the particular project is qualified and trained to ensure the BMPs are being incorporated accordingly. In some cases, the SCDPW will return to the site to maintain a BMP, such as the cleaning of BMP structures, recharge basins and/or settling ponds.</p>
<ul style="list-style-type: none"> • Procedures for enforcement and penalization of violators. • <i>Explain procedures below. Revise as procedures are updated.</i> 	<ul style="list-style-type: none"> • <i>Example measurable goals: number enforcement activities performed.</i>
	<p>The most effective sanction is withholding of payment to contractors. All construction projects under County jurisdiction occur on County-maintained roads or properties. These projects are conducted by contractors which must adhere to the bid specifications and work contract (both of which have mandatory stormwater BMPs). Failure to adhere to the above documents would allow the County to withhold payment, but to date this has not been necessary. To date, there has been no need for enforcement and/or penalization.</p>

Minimum Control Measure 5. Post-Construction Stormwater Management

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

<p>Permit Reference IV.C.5.a, c. (continued): Develop and implement a post-construction stormwater management program that addresses stormwater runoff from new development and redevelopment and will reduce the discharge of pollutants to the MEP. Program requirements should include:</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • Adequate resources for a program to inspect new and re-development sites and for enforcement and penalization of violators. • <i>Describe resources below. Update annually.</i> 	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
	<p>This is not applicable to Suffolk County, such activity falls under the jurisdiction of towns, villages, or homeowners associations.</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><i>A.1 Identification of approved BMPs</i></p> <p>- Managed and conducted by SCDPW</p>	<p>Staff are currently trained and adhere to BMPs outlined in the New York Contractors Erosion and Sediment Control Field Notebook (ESCFN) on Suffolk County construction projects where applicable. Staff responsible for drawing site plans and conducting site inspections utilize the ESCFN as a guidance document. In the next permit year, efforts will be made to train staff on the more comprehensive standards as per the New York State Stormwater Management Design Manual. This is an ongoing effort.</p>
<p><i>B.1 Codify the BMPs</i></p> <p>- Managed and conducted by SCDPW with assistance from CCE.</p>	<p>Since Suffolk County is only responsible for County-maintained roads and properties, adopted BMPs should be incorporated into the bid specifications. However, at the time of writing this annual report (March 2006), the NYSDEC had not yet released their draft guidelines for the “bid spec analysis”. Therefore, changes to bid specifications will commence in the next permit year, and any related bid spec analysis will be included in the 2006/2007 annual report. This is an ongoing effort.</p>
<p><i>C.1 Determine effectiveness of BMPs</i></p>	<p>As per the NOI, not scheduled for implementation until a later permit year.</p>
<p>Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:</p>	

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

OVERALL MUNICIPAL POLLUTION PREVENTION / GOOD HOUSEKEEPING PROGRAM INFORMATION

<ul style="list-style-type: none"> • This table is for MS4s to report on their OVERALL Municipal Pollution Prevention / Good Housekeeping Program. • A separate table follows that is for MS4s to report on management practices performed in identified municipal operations. • Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures. • Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed. 	
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> 	
Bacteria Soil and Sediment Floatable Debris Phosphorus/Nitrogen Oil and Grease Pesticides/Fertilizers Road Salt	
<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
1. Incorporate existing street and catch basin cleaning and maintenance schedules on all County-maintained roads into an IMS (see MCM#3.A.1).	A priority of the plan is to integrate an existing database of cleaned and maintained structures and roads into the IMS (see MCM#3 A.1) and if necessary, improve existing schedules for cleaning and maintenance. Strategies for implementation will be determined in the next permit year.
2. Reduce bacterial loadings from County-maintained facilities.	The majority of surface waters listed on the 303(d) Impaired Waterbodies list have pathogens listed as the pollutant of concern. While education efforts have focused on bacteria, strategies for implementation of this priority in the pollution prevention plan will be determined in the next permit year.
3. Ensure all salt for winter road de-icing is stored indoors at all County-maintained facilities.	There are seven (7) indoor salt storage facilities and two (2) outdoor facilities (temporarily covered with tarps). The County is anticipating capital funding for two new structures. The goal is to have all facilities be permanent indoor storage sites by the end of the final permit year.
4. Recommend a recycling program be implemented at all County-maintained facilities.	Currently the number of County-maintained facilities that recycle are unknown. A measurable goal of this priority will be the percentage of facilities with recycling programs in place or under development. Strategies and feasibility for implementation will be determined in the next permit year.
5. Provide information on stormwater management goals to Suffolk County employees.	A measurable goal will be how many employees are provided with this information. Information on stormwater management will be developed and distributed in the next permit term.

<p>6. Recommend that Suffolk County DPW purchase a truck wash system with a recovery system for used wash water.</p>	<p>The DPW is requesting funding for a new truck wash system that will minimize the amount of outdoor washing of County-maintained trucks, including salt spreading vehicles, which will reduce the amount of pollutants of concern originating from this source. The DPW has requested funds for this project.</p>
<p>Permit Reference IV.C.6.a: Include a municipal pollution prevention training component for staff (where all staff are trained).</p> <ul style="list-style-type: none"> • <i>Explain activities and materials used to meet this requirement.</i> • <i>Identify training needs and design training components</i> • <i>Determine the adequacy and appropriate frequency of staff training.</i> • <i>Identify personnel or outside organization conducting activities.</i> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p><i>B.1. Compile employee training materials</i></p> <p>-Funded by SC, managed by SCDPW, and contracted to CCE.</p>	<p>We have begun researching training strategies and resources. Several resources have been identified from the Environmental Protection Agency and the Cornell Local Roads Program among others. Completed March 2006.</p>
<p><i>D.1. Train applicable employees</i></p> <p>-Funded by SC, managed by SCDPW, and contracted to CCE.</p>	<p>Six (6) DPW staff were trained on illicit discharge detection and reporting in 2005. Employee training materials and frequency of staff training will be further developed and determined in the next permit year as pollution prevention implementation strategies are finalized. This is an ongoing task and will be completed by the final permit year.</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><i>A.1. Develop pollution prevention plan</i></p> <p>-Funded by SC, managed by SCDPW, and contracted to CCE.</p>	<p>Information gathering for the development of pollution prevention procedures and best management practices is ongoing. Key departments that will be affected by a pollution prevention plan have provided information on current best management practices, rules and regulations, and training at their facilities including the Department of Public Works, Parks Department and Department of Health Services. Priorities for the plan were determined based on this information and will be the basis of the pollution prevention plan which is scheduled for completion by the final permit year.</p>
<p><i>C.1. Create information management system</i></p> <p>-Funded by SC, managed by SCDPW, and contracted to CCE.</p>	<p>An IMS has been developed and is updated at least once a month (See MCM#3.A.1.)</p> <p>Expanding the existing IMS to include pollution prevention activities (e.g., maintenance) is planned by the final permit year.</p>

<i>E.1. Incorporate BMPs in County master plan</i>	As per the NOI, not scheduled for implementation until a later permit year.
<i>F.1. Implement maintenance schedule</i>	Current maintenance records and schedules will be integrated into the IMS by the final permit year. See “Street and Bridge Maintenance” and “Stormwater Structure Maintenance” sections.
<i>G.1. Document maintenance efforts</i>	As per the NOI, not scheduled for implementation until a later permit year.
<i>G.2. Document overall maintenance compliance</i>	Some maintenance compliance will be reported in the next permit year as the integration of maintenance schedules into the IMS begins. Overall maintenance compliance will be reported in the final permit year.
<i>H.1. Document noticeable pollution reductions</i>	As per the NOI, not scheduled for implementation until a later permit year.
<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>The measurable goals pertaining to establishing a training program for applicable employees (D.1.) has been delayed pending the implementation of pollution prevention priorities. Strategies for County employee training will be determined in the next permit term. Overall maintenance compliance reporting (G.2.) has also been delayed pending integration of existing maintenance schedules into the IMS. Documenting compliance is not possible until a maintenance schedule is organized within the IMS. This will take place in the final permit year.</p>	

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

<ul style="list-style-type: none"> • Copy this page and give it to each municipal office or department responsible for reporting. • Put an ‘X’ in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department. • Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures. • Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed. 	
<p>Permit Reference IV.C.6.a, c: Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from the municipal operation(s) indicated above to the MEP.</p> <ul style="list-style-type: none"> • Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities. 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • Briefly describe or reference any existing policies and procedures • Briefly describe or reference any policies and procedures being developed 	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p><i>Existing:</i> County-maintained roads and bridges are swept at least once a year in April. They will also be swept in response to citizen complaints and noticeable problems reported by DPW employees and field managers.</p> <p>This scheduled sweeping in April and additional follow up sweeping reduces the amount of soil and sediment, floatable debris, salt and other stormwater pollution that reaches the stormwater conveyance system from these sources. In addition, removing debris will also likely result in the removal of associated bacteria, thus reducing bacterial loading to surface waters (Pollution Prevention Priority (PPP) 2).</p>	<p>2800 cubic yards of debris were removed from County-maintained roads and parking lots last year. Completed.</p>
<p><i>Existing:</i> All County-maintained parking lots are cleaned at least once a year. The County also maintains five (5) “park and ride” lots, which have been identified as problem areas for littering. As a result, they are cleaned at least three (3) times each year in the spring, summer and fall.</p> <p>This scheduled parking lot sweeping reduces the amount of soil and sediment, floatable debris, salt and other stormwater pollution that reaches the stormwater conveyance system and surface waters (PPP 3). The policy of cleaning problem areas more frequently maximizes the removal of pollutants. In addition, removing debris will also likely result in the removal of associated bacteria, thus reducing bacterial loading to surface waters (PPP 2).</p>	<p>2800 cubic yards of debris were removed from County-maintained roads and parking lots (including park and ride lots) last year. Completed.</p>
<p><i>Existing:</i> A database is maintained that keeps track of which roads and parking</p>	<p>2800 cubic yards of debris were removed from County-maintained</p>

<p>lots are cleaned and when, as well as any complaints that are received.</p> <p>The existing complaint database allows for the DPW to prioritize roads and parking lots for cleaning that have the highest need. Responding to these complaints removes debris from roads and parking lots, reducing the amount of soil and sediment, floatable debris and other stormwater pollution that reaches the stormwater conveyance system and surface waters.</p>	<p>roads and parking lots (including park and ride lots) last year. A total of 235 complaints related to road and stormwater structure maintenance were received and responded to in 2005. 105 were for catch basin cleaning, 109 were for flooding problems, and 21 addressed inadequate drainage. Completed.</p>
<p><i>Planned:</i> Integrate existing cleaning records for County-maintained parking lots and roads, as well as the complaint database, into the IMS (MCM#3.A.1.) that has been developed. Use this information as needed to complement the existing schedule for road and parking lot maintenance.</p> <p>A preventative maintenance schedule for road and parking lot maintenance (PPP 1) exists, but incorporation into the IMS may flag problem areas, which will focus cleaning efforts to those areas. This could reduce the amount of stormwater pollution (soil and sediment, floatable debris, salt, and others) from these sources and the amount of complaints received.</p>	<p>Expanding the existing IMS to include the existing maintenance schedules for County roads and parking lots is planned by the final permit year.</p>
<ul style="list-style-type: none"> • <i>Briefly describe or reference any existing best management practices</i> • <i>Briefly describe or reference any planned best management practices</i> 	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p><i>Existing:</i> County road litter clean-up by DPW employees on road medians and shoulders takes place on a daily basis.</p> <p>This BMP reduces the amount of floatable debris that reaches the stormwater conveyance system and surface waters.</p>	<p>This is an ongoing effort that will continue indefinitely.</p>
<ul style="list-style-type: none"> • <i>Identify and describe the equipment and staff that are in place</i> 	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>Suffolk County owns four (4) street sweeper vehicles, two (2) additional vehicles will be purchased.</p>	<p>Two (2) new street sweepers will be purchased in the next permit term.</p>

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

<ul style="list-style-type: none"> • Copy this page and give it to each municipal office or department responsible for reporting. • Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department. • Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures. • Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed. 	
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
Existing County-maintained parking lot, bridge, and road cleaning schedules reduce the amount of stormwater pollution reaching the stormwater conveyance system and surface waters from these sources.	Expanding the existing IMS to include this maintenance schedule is planned by the final permit year.
The purchase of two additional street sweeping vehicles will allow for a more successful preventative cleaning and maintenance program.	Purchase planned for the next permit term.
Existing County road litter clean-up adequately reduces and prevents pollutant discharges. Additional assistance from the County's Adopt-A-Highway Program (MCM#2.F.1.) complements the effort and new volunteers are continually recruited through the DPW's website.	This is an ongoing task that will continue indefinitely.
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)
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:	

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

<ul style="list-style-type: none"> • Copy this page and give it to each municipal office or department responsible for reporting. • Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department. • Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures. • Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed. 	
<p>Permit Reference IV.C.6.a, c: Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from the municipal operation(s) indicated above to the MEP.</p> <ul style="list-style-type: none"> • <i>Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities.</i> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • <i>Briefly describe or reference any existing policies and procedures</i> • <i>Briefly describe or reference any policies and procedures being developed</i> 	DO NOT ENTER INFORMATION IN THIS CELL
<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
<p><i>Existing:</i> DPW has seven indoor salt storage facilities.</p> <p>Keeping road salt contained within covered storage facilities is a recognized best management practice that decreases the likelihood of road salt entering surface waters from Suffolk County-maintained properties (PPP 3).</p>	Completed.
<p><i>Existing:</i> Suffolk County has a research and development program that has experimented with alternative de-icing materials. One alternative that has been tested is Magic-O™. Magic-O™ is a salt/molasses mixture, which claims to lower the freezing point and adhere to the road surface, while minimizing the impact to the environment.</p> <p>The search for an alternative de-icing material shows the County's commitment to reducing surface water pollution from road salt.</p>	This is an ongoing task that will continue indefinitely.
<p><i>Existing:</i> Road salt storage structures are inspected annually for structural integrity.</p> <p>Inspecting these facilities for leaks and repairing them on an annual basis reduces the amount of road salt that reaches surface waters.</p>	This is an ongoing task that will continue indefinitely.

<p><i>Existing:</i> Salt spreading vehicles are inspected prior to each winter to ensure that they are calibrated correctly and are in working order to reduce expenses and impacts to the environment.</p> <p>Annual inspections reduce the likelihood of over application of road salt, reducing the likelihood of spills that would eventually reach stormwater conveyance systems and surface waters.</p>	<p>This is an ongoing task that will continue indefinitely.</p>
<p><i>Planned:</i> DPW is anticipating capital funding to convert the two (2) remaining outdoor salt storage facilities to indoor covered facilities.</p> <p>Plans to convert the two remaining outdoor facilities to indoor facilities will further decrease the likelihood of road salt intrusion to surface waters from these Suffolk County-maintained properties (PPP 3).</p>	<p>Requests have been made by DPW and upgrades are pending funding approval.</p>
<p>• <i>Identify and describe the equipment and staff that are in place</i></p>	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>Suffolk County owns sixty (60) vehicles with salt spreading units.</p>	<p>The County is purchasing ten (10) new units in 2006, these will serve as replacements for older vehicles and will not increase the fleet.</p>

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

<ul style="list-style-type: none"> • Copy this page and give it to each municipal office or department responsible for reporting. • Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department. • Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures. • Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed. 	
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
There are two remaining road salt storage facilities located outdoors. If funding to construct indoor facilities is received, the potential for infiltration of road salt to stormwater and surface waters will be adequately reduced and/or prevented.	Requests have been made by DPW and upgrades are pending funding approval.
Research and development is underway to determine a better alternative to road salt for de-icing. This a progressive means for the County to find alternatives that will minimize this source of stormwater pollution.	This is an ongoing task that will continue indefinitely.
Annual inspections of salt storage facilities and spreading trucks are a preventative maintenance procedure to reduce the likelihood of spills and stormwater infiltration, and adequately reduce pollutant discharges.	This is an ongoing task that will continue indefinitely.
Stormwater pollution infiltration may be further minimized by implementing routine grounds cleaning and inspection procedures to properly dispose of any road salt that may be spilled.	The feasibility of implementing this type of procedure will be researched in the coming permit term.
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 are currently trained by Cornell Local Roads Program "Snow Fighter" video. This training may be supplemented by providing relevant County employees with spill prevention and response training. Training will be developed or outsourced by CCE.	Employee training materials and frequency of staff training will be further developed and determined in the next permit year as pollution prevention implementation strategies are finalized. This is an ongoing task and will be completed by the final permit year.
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:

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

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

<p>Permit Reference IV.C.6.a, c: Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from the municipal operation(s) indicated above to the MEP.</p> <ul style="list-style-type: none"> • Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities. 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
---	---

<ul style="list-style-type: none"> • Briefly describe or reference any existing policies and procedures • Briefly describe or reference any policies and procedures being developed 	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
---	---

<p><i>Existing:</i> County-maintained catch basins, stormwater conveyance systems, and outfalls are currently prioritized for cleaning:</p> <ul style="list-style-type: none"> • When a contractor is repairing an existing County property or conducting improvements to roads they clean all catch basins and flush all stormwater conveyance systems in the surrounding area, • When DPW road field managers notice any system malfunctions, • In response to complaints, and • In response to inspections that are done by the DPW water quality field team workers (currently working to identify all outfalls from County roads per the Illicit Discharge Detection and Elimination requirement of Phase II). <p>This current cleaning procedure reduces the amount of soil and sediment, floatable debris, salt and other stormwater pollution that reaches Suffolk waterbodies from these sources. In addition, removing debris will also likely result in the removal of associated bacteria, thus reducing bacterial loading to surface waters (PPP 2).</p>	<p>Estimated removal from stormwater structures in 2005 = 2400 cubic yards.</p> <p>Completed.</p>
---	---

<p><i>Existing:</i> A database is maintained that keeps track of which catch basins, stormwater conveyance systems, outfalls, and recharge basins are cleaned as well as any complaints that are received.</p> <p>The existing complaint database allows for the DPW to prioritize stormwater structures for cleaning that have the highest need. Responding to these</p>	<p>Estimated removal from stormwater structures in 2005 = 2400 cubic yards.</p> <p>A total of 235 complaints related to road and stormwater structure maintenance were received and responded to in 2005. 105 were for catch basin cleaning, 109 were for flooding problems, and 21 addressed inadequate drainage.</p>
---	--

<p>complaints and failures witnessed by DPW employees removes debris from stormwater structures, reducing the amount of soil and sediment, floatable debris and other stormwater pollution that reaches the stormwater conveyance system and surface waters. In addition, removing debris will also likely result in the removal of associated bacteria, thus reducing bacterial loading to surface waters (PPP 2).</p>	<p>Completed.</p>
<p><i>Planned:</i> Integrate existing database of cleaned County-maintained stormwater structures, as well as the complaint database, into the IMS (MCM#3.A.1.) that has been developed. Use this information to prioritize areas for maintenance as needed.</p> <p>Prioritizing stormwater structures for maintenance will likely reduce the amount of stormwater pollution (soil and sediment, floatable debris, salt, and others) from these sources and the amount of complaints received (PPP 1). In addition, removing debris will also likely result in the removal of associated bacteria, thus reducing bacterial loading to surface waters (PPP 2).</p>	<p>Expand the existing IMS to include current maintenance reporting and complaints is planned by the final permit year.</p>
<ul style="list-style-type: none"> • <i>Briefly describe or reference any existing best management practices</i> • <i>Briefly describe or reference any planned best management practices</i> 	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>The DPW's Water Quality Division has completed, is constructing, and has proposed several highway projects that implement BMPs to reduce stormwater pollutant loading to the stormwater conveyance system and surface waters. See Appendix 2 for project descriptions and implemented BMPs which include installation of stormwater treatment units, diversion of direct surface water discharges to recharge basins and leaching basins, and construction of stormwater treatment ponds.</p>	<p>Seven (7) completed projects. Ten (10) projects under construction. Five (5) proposed projects pending funding.</p>
<ul style="list-style-type: none"> • <i>Identify and describe the equipment and staff that are in place</i> 	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>The County currently owns two (2) vacuum cleaners for catch basin maintenance and one (1) clam shell cleaner for recharge basin maintenance.</p>	<p>DPW is currently requesting funds for the purchase of additional equipment. Expected date of purchase is pending funding.</p>

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

<ul style="list-style-type: none"> • Copy this page and give it to each municipal office or department responsible for reporting. • Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department. • Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures. • Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed. 	
<p>Permit Reference IV.C.6.a, c (continued): Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from municipal operations to the MEP.</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • <i>Assess if existing programs adequately reduce and/or prevent pollutant discharges</i> • <i>Determine and list any operation type, location or facility that is in need of modification or updates.</i> 	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>Existing County-maintained stormwater structure cleaning schedules can be improved by determining priority maintenance areas once schedules are incorporated into the IMS. This will reduce the number of complaints and the amount of stormwater pollution reaching the stormwater conveyance system and surface waters from these sources.</p>	<p>Integration of existing records into the IMS for County maintained roads and catch basins is planned for the last permit year.</p>
<p>The Water Quality Division's stormwater remediation projects are key to adequately reducing or preventing stormwater pollutant discharges to surface waters, including many waterbodies listed on the NYS 303(d) list of impaired waterbodies.</p>	<p>Ongoing.</p>
<p>In order to have a successful maintenance and cleaning program for County-maintained stormwater structures, the purchase of additional cleaning equipment is a necessity.</p>	<p>Requests have been made by DPW and upgrades are pending funding approval.</p>
<p>Permit Reference IV.C.6.a: If there is a training component for staff specific to these municipal operations:</p> <ul style="list-style-type: none"> • <i>explain the activities and materials;</i> • <i>identify the personnel or outside organization conducting the activities.</i> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>DPW employees responsible for maintenance of stormwater structures will be trained on illicit discharge detection and reporting. Training will be developed or outsourced by CCE.</p>	<p>Six (6) DPW employees have been trained on illicit discharge detection and reporting. Employee training materials and frequency of staff training will be further developed and determined in the next permit year as pollution prevention implementation strategies are finalized. This is an ongoing task and will be completed by the final permit year.</p>

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:	

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

<ul style="list-style-type: none"> • Copy this page and give it to each municipal office or department responsible for reporting. • Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department. • Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures. • Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed. 	
<p>Permit Reference IV.C.6.a, c: Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from the municipal operation(s) indicated above to the MEP.</p> <ul style="list-style-type: none"> • Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities. 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • Briefly describe or reference any existing policies and procedures • Briefly describe or reference any policies and procedures being developed 	DO NOT ENTER INFORMATION IN THIS CELL
<p><i>Existing:</i> County has a Preventative Maintenance Program for fleet vehicles, which includes routine maintenance.</p> <p>Having this policy already in place minimizes the likelihood of leaks and spills from County-maintained fleet vehicles. This minimizes baseline amounts of oil and grease and other automotive fluids entering surface waters from Suffolk County-maintained properties.</p>	Completed.
<ul style="list-style-type: none"> • Briefly describe or reference any existing best management practices • Briefly describe or reference any planned best management practices 	DO NOT ENTER INFORMATION IN THIS CELL
<p><i>Existing:</i> Used oil and other automotive wastes are currently stored on site in holding tanks and removed by vendors for recycling or disposal.</p> <p><i>Planned:</i> DPW is requesting a truck wash system with a recovery system for used wash water.</p> <p>A new truck wash system will minimize the amount of outdoor washing of County-maintained trucks, including salt spreading vehicles, which will reduce the amount of soil and sediment, floatable debris, and road salt entering surface waters from the cleaning of County-maintained vehicles (PPP 6).</p>	Completed. Requests have been made by DPW and upgrades are pending funding approval.
<ul style="list-style-type: none"> • Identify and describe the equipment and staff that are in place 	DO NOT ENTER INFORMATION IN THIS CELL
Suffolk County owns 2500 vehicles and 500 pieces of specialty equipment.	n/a

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

<ul style="list-style-type: none"> • Copy this page and give it to each municipal office or department responsible for reporting. • Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department. • Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures. • Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed. 	
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
Requirements for monthly service to all County-maintained vehicles, as set forth in the County’s preventative maintenance plan, will adequately reduce pollutant discharges from County-maintained vehicles. The County prioritizes maintenance of Suffolk County Police vehicles at this time.	The possibility of prioritizing other County vehicles for monthly maintenance will be determined in the coming permit term.
While containment of hazardous materials in holding tanks is an accepted best management practice, the pollution prevention plan may recommend training on the proper handling of hazardous wastes to prevent spills.	Research will be conducted in the next permit term on the feasibility of implementing additional pollution prevention practices, and any recommendations that result will be included in the final pollution prevention plan scheduled for completion in the final permit year.
The construction of a new truck washing facility will move all large vehicle cleaning operations indoors, considerably reducing pollutant discharges to surface waters.	Pending funding.
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)
<i>Existing:</i> Staff are trained to report any spills greater than five (5) gallons to the NYSDEC spill hotline. Smaller spills are contained by containment berms at some sites, and staff at all sites are trained to clean up spills with absorbents.	Completed.
<i>Planned:</i> Staff responsible for automotive repair may benefit from additional spill prevention and response training as well as training on proper handling of hazardous wastes. Training will be developed or outsourced by CCE.	Employee training materials and frequency of staff training will be further developed and determined in the next permit year as pollution prevention implementation strategies are finalized. This is an ongoing task and will be completed by the final permit year.

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:	

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

<ul style="list-style-type: none"> • Copy this page and give it to each municipal office or department responsible for reporting. • Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department. • Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures. • Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed. 	
<p>Permit Reference IV.C.6.a, c: Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from the municipal operation(s) indicated above to the MEP.</p> <ul style="list-style-type: none"> • Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities. 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • Briefly describe or reference any existing policies and procedures • Briefly describe or reference any policies and procedures being developed 	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p><i>Existing:</i> With the exception of four County-maintained golf courses, no pesticides or fertilizers are used in County-maintained parks. Furthermore, Integrated Pest Management and alternative (more environmentally friendly) products are used at all County parks and golf courses (e.g. compost teas, slow release nitrogen fertilizer).</p> <p>Having this policy already in place minimizes the baseline amounts of pesticides and fertilizers entering surface waters from Suffolk County-maintained properties.</p>	<p>Completed.</p>
<p><i>Existing:</i> Deposit of any litter in County parks is prohibited by Park Rules and Regulations (Suffolk County Code Chapter 378-4.2.).</p> <p>Having this policy already in place minimizes the baseline amount of floatable debris entering surface waters from Suffolk County-maintained properties.</p>	<p>Completed.</p>
<p><i>Existing:</i> Park Rules and Regulations prohibit the spill or dumping of oil, salt, and other deleterious substances and prohibit any mechanical repairs on site.</p> <p>Having this policy already in place reduces the baseline amount of oils and grease and road salt entering surface waters from Suffolk County-maintained properties (PPP 3).</p>	<p>Completed.</p>
<p><i>Existing:</i> County-maintained marinas have pump-out facilities and require their use.</p>	<p>Completed.</p>

<p>Having this policy already in place eliminates the direct discharge of sewage, reducing the baseline amount of bacteria, phosphorus and nitrogen entering surface waters from Suffolk County-maintained marinas (PPP 2).</p>	
<ul style="list-style-type: none"> • <i>Briefly describe or reference any existing best management practices</i> • <i>Briefly describe or reference any planned best management practices</i> 	DO NOT ENTER INFORMATION IN THIS CELL
<p><i>Existing:</i> County parks currently have pet waste signage that indicate proper disposal methods. Most parks also have disposal containers for pet waste available to visitors.</p> <p>Having this BMP already in place reduces the baseline amount of bacteria entering surface waters from Suffolk County-maintained properties (PPP 2).</p>	Completed.
<p><i>Existing:</i> Suffolk County Parks Department has a stewardship crew of seven employees who conduct litter clean-ups at County parks and beaches year-round.</p> <p>Having this BMP already in place reduces the amount of floatable debris entering surface waters from Suffolk County-maintained properties.</p>	
<p><i>Planned:</i> Purchase of DEC approved storage container for pesticides at Bergen Point County Golf Course.</p> <p>This best management practice will reduce the likelihood of pesticide spills from County-maintained golf courses.</p>	December 2007.
<p><i>Planned:</i> Agreed to voluntary reduction in fertilizer use at golf courses to 3 lbs of slow release Nitrogen/1000 square feet.</p> <p>This best management practice will reduce the use of fertilizers and minimize inputs of fertilizers, nitrogen and phosphorus to surface waters from Suffolk County-maintained properties.</p>	Date of completion to be determined.
<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
<p>All County employees that apply pesticides are NYS Certified Pesticide Applicators.</p>	n/a

Minimum Control Measure 6. Municipal Operations: ___ Street and Bridge Maintenance; ___ Winter Road Maintenance; ___ Stormwater System Maintenance; ___ Vehicle and Fleet Maintenance; **_X_ Park and Open Space Maintenance;** ___ 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
The Suffolk County Parks Department is progressive in its ban of pesticide and fertilizer use everywhere but County-maintained golf courses. Plans already in place are adequately reducing and/or preventing pollutant discharges from a significant amount of County-maintained properties.	Completed.
The feasibility of further reducing wildlife (Canada geese) and pet waste at County Parks will be researched to meet PPP 2. Some efforts have been made to remove wildlife (e.g. dogs have been used to chase geese at some County parks).	Strategies for implementation will be determined in the next permit term.
Prohibitions on littering, dumping, and mechanical repairs adequately reduce stormwater pollutant discharges (floatable debris and oil/grease) to surface waters.	Completed.
Requiring the use of pump-out facilities at County marinas is a highly effective means of eliminating the amount of bacteria discharged to surface waters from vessels. Pathogens are primarily listed as the cause for 303(d) waterbodies in Suffolk County.	Completed.
The purchase of a DEC-approved pesticide storage container at Bergen Point County Golf Course will contain pesticides on site during storage.	December 2007
The voluntary reduction of fertilizer use that has been pledged by County golf courses will substantially reduce nitrogen and fertilizer discharges to surface waters.	Date of completion to be determined.
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> 	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>identify the personnel or outside organization conducting the activities.</i> 	
<p><i>Existing:</i> All pesticide applicators at County golf courses are NYS Certified and attend the relevant training.</p>	<p>Completed.</p>
<p><i>Planned:</i> Staff responsible for parks maintenance may benefit from additional spill prevention and response training as well as training on the proper handling of hazardous wastes. Training will be developed or outsourced by CCE.</p>	<p>Employee training materials and frequency of staff training will be further developed and determined in the next permit year as pollution prevention implementation strategies are finalized. This is an ongoing task and will be completed by the final permit year.</p>
<p>Additional Techniques</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:</p>	

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

<ul style="list-style-type: none"> • Copy this page and give it to each municipal office or department responsible for reporting. • Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department. • Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures. • Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed. 	
<p>Permit Reference IV.C.6.a, c: Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from the municipal operation(s) indicated above to the MEP.</p> <ul style="list-style-type: none"> • <i>Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities.</i> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • <i>Briefly describe or reference any existing policies and procedures</i> • <i>Briefly describe or reference any policies and procedures being developed</i> 	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p><i>Existing:</i> No pesticides or fertilizers are used on any Suffolk County grounds. Integrated Pest Management and alternative products are used for pest and weed control.</p> <p>Having this policy already in place reduces and minimizes the baseline amounts of pesticides and fertilizers entering surface waters from Suffolk County-maintained properties.</p>	<p>Complete.</p>
<ul style="list-style-type: none"> • <i>Briefly describe or reference any existing best management practices</i> • <i>Briefly describe or reference any planned best management practices</i> 	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p><i>Existing:</i> All 28 County-maintained fuel pump stations are equipped with overfill alarms to prevent spills.</p> <p>This minimizes the likelihood of fuel reaching the stormwater conveyance system and surface waters.</p>	<p>Complete.</p>
<p><i>Planned:</i> Remove any illicit discharges from County-maintained properties to the stormwater conveyance system.</p> <p>This will minimize the likelihood of stormwater pollutants of concern reaching stormwater conveyance systems and surface waters.</p>	<p>Ongoing. All County-maintained properties are being inspected for illicit discharges, inspection is approximately 35 percent complete.</p>
<ul style="list-style-type: none"> • <i>Identify and describe the equipment and staff that are in place</i> 	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>County properties are being inspected by two part-time CCE field technicians.</p>	<p>Ongoing through the final permit term.</p>

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

<ul style="list-style-type: none"> • Copy this page and give it to each municipal office or department responsible for reporting. • Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department. • Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures. • Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed. 	
<p>Permit Reference IV.C.6.a, c (continued): Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from municipal operations to the MEP.</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • <i>Assess if existing programs adequately reduce and/or prevent pollutant discharges</i> • <i>Determine and list any operation type, location or facility that is in need of modification or updates.</i> 	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>Suffolk County is progressive in its ban of pesticides and fertilizers on all County-maintained properties (with the exception of golf courses). Plans already in place are adequately reducing and/or preventing pollutant discharges.</p>	<p>Completed.</p>
<p>The presence of overflow alarms on all County gas pumps prevents large spills from taking place. Smaller spills can be minimized by implementing spill prevention and response training.</p>	<p>See permit reference IV.C.6.a. below.</p>
<p>Inspections for illicit discharges from County-maintained properties can be complemented by training additional County staff on detecting and reporting illicit discharges.</p>	<p>See permit reference IV.C.6.a. below.</p>
<p>Permit Reference IV.C.6.a: If there is a training component for staff specific to these municipal operations:</p> <ul style="list-style-type: none"> • <i>explain the activities and materials;</i> • <i>identify the personnel or outside organization conducting the activities.</i> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>Staff responsible for building grounds maintenance may benefit from additional spill prevention and response training, training on proper handling of hazardous wastes and training on illicit discharge detection and reporting. Training will be developed or outsourced by CCE.</p>	<p>Employee training materials and frequency of staff training will be further developed and determined in the next permit year as pollution prevention implementation strategies are finalized. This is an ongoing task and will be completed by the final permit year.</p>
<p>Additional Techniques</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>

Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:

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

<ul style="list-style-type: none"> • Copy this page and give it to each municipal office or department responsible for reporting. • Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department. • Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures. • Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed. 	
<p>Permit Reference IV.C.6.a, c: Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from the municipal operation(s) indicated above to the MEP.</p> <ul style="list-style-type: none"> • Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities. 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • Briefly describe or reference any existing policies and procedures • Briefly describe or reference any policies and procedures being developed 	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p><i>Existing:</i> Suffolk County has a large volunteer base that conducts clean-ups under the Adopt-A-Highway program (See MCM#2.F.1.)</p> <p>This minimizes the amount of floatable debris reaching the stormwater conveyance system and surface waters.</p>	<p>This is an ongoing task that will continue indefinitely.</p>
<p><i>Existing:</i> Suffolk County Parks Rules and Regulations prohibit the deposit of litter, dumping of oil, salt, and other deleterious substances (See Park and Open Space Maintenance section).</p>	<p>Completed.</p>
<p><i>Existing:</i> Suffolk County Parks Department sponsors many volunteer clean-ups each year on their properties (See MCM#2.F.1).</p> <p>This minimizes the amount of floatable debris reaching the stormwater conveyance system and surface waters.</p>	<p>This is an ongoing task that will continue indefinitely.</p>
<p><i>Planned:</i> Recommend a recycling program be implemented at all County-maintained facilities.</p> <p>Recycling reduces the amount of floatable debris and other stormwater pollutants that could potentially reach stormwater conveyance systems and surface waters (PPP 4).</p>	<p>Currently the number of County-maintained facilities that recycle are unknown. A measurable goal of this priority will be the percentage of facilities with recycling programs in place or under development. Strategies for implementation will be determined in the next permit year.</p>
<ul style="list-style-type: none"> • Briefly describe or reference any existing best management practices • Briefly describe or reference any planned best management practices 	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>

<p><i>Existing:</i> Many forms of debris collected from street sweeping, road clean-ups, and construction sites are recycled or reused, including:</p> <ul style="list-style-type: none"> • Scrap metal (recycled) • Pallets (used for fire training) • Street sweepings (used to cap landfill in Brookhaven) • Asphalt and concrete from road projects (recycled) • Used oil and other automobile fluids (recycled by vendors) <p>Recycling reduces the amount of floatable debris and other stormwater pollutants that could potentially reach stormwater conveyance systems and surface waters (PPP 4).</p>	<p>These are ongoing tasks that will continue indefinitely.</p>
<p><i>Existing:</i> Current DPW staff clean-up efforts are directed toward sites that are found to be problem areas for illegal dumping (e.g. Park and Ride facilities, see section on Street and Bridge Maintenance).</p> <p>This minimizes the amount of floatable debris reaching the stormwater conveyance system and surface waters.</p>	<p>This is an ongoing task that will continue indefinitely.</p>
<ul style="list-style-type: none"> • <i>Identify and describe the equipment and staff that are in place</i> 	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>n/a</p>	<p>n/a</p>

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

<ul style="list-style-type: none"> • Copy this page and give it to each municipal office or department responsible for reporting. • Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department. • Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures. • Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed. 	
<p>Permit Reference IV.C.6.a, c (continued): Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from municipal operations to the MEP.</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • <i>Assess if existing programs adequately reduce and/or prevent pollutant discharges</i> • <i>Determine and list any operation type, location or facility that is in need of modification or updates.</i> 	<p>DO NOT ENTER INFORMATION IN THIS CELL</p>
<p>While some recycling takes place at County facilities, a more comprehensive recycling program at all County-maintained facilities will be recommended in the County's pollution prevention plan.</p>	<p>Currently the number of County-maintained facilities that recycle are unknown. A measurable goal of this priority will be the percentage of facilities with recycling programs in place or under development. Strategies for implementation will be determined in the next permit year.</p>
<p>Volunteer removal of litter from County parks and roads is an effective means of reducing the amount of floatable debris reaching stormwater conveyance systems and surface waters. Volunteers will be continually recruited for these events.</p>	<p>This is an ongoing task that will continue indefinitely. Advertisements for both Parks clean-ups and Adopt-A-Highway programs will be included in the Suffolk County Stormwater Management Program website in the next permit term. Additional venues for continual recruitment for these programs will be determined in the next permit term.</p>
<p>Permit Reference IV.C.6.a: If there is a training component for staff specific to these municipal operations:</p> <ul style="list-style-type: none"> • <i>explain the activities and materials;</i> • <i>identify the personnel or outside organization conducting the activities.</i> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>Good solid waste management practices on County properties will benefit from training County employees on spill prevention and response and proper handling of hazardous wastes. Training will be developed or outsourced by CCE.</p>	<p>Employee training materials and frequency of staff training will be further developed and determined in the next permit year as pollution prevention implementation strategies are finalized. This is an ongoing task and will be completed by the final permit year.</p>
<p>Additional Techniques</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>

Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:

Did you include any of the following documents as appendices? Put a mark each appended document.

- | |
|--|
| <p><input checked="" type="checkbox"/> Summary of public comments received on the annual report at the public presentation (Required; Appendix 1)</p> <p><input checked="" type="checkbox"/> Intended response to comments on the annual report (Required; Appendix 1)</p> <p><input type="checkbox"/> Results of information collected and analyzed, including monitoring data; evaluation of assessment (modeling) of pollutant discharges, including modeling results and pollutant transport trends.</p> <p><input checked="" type="checkbox"/> Other: Summary of Suffolk County Department of Public Works Projects (Appendix 2)</p> <p><input checked="" type="checkbox"/> Other: Suffolk County Stormwater Management Program Logo and Slogans (Appendix 3)</p> |
|--|

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

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

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

<p>Permit Reference IV.C.3.c: Prohibit, through an ordinance, local law or other regulatory mechanism, illicit discharges into the MS4. The MS4s have until year 5 to complete this work.</p>		
<p>1) When was this work completed or planned to be completed?</p>	<p>Date completed: _____; <input checked="" type="checkbox"/> Not yet completed Plan to complete for reporting in year: <input type="checkbox"/> 4; <input checked="" type="checkbox"/> 5.</p>	
<p>2) Indicate which of the control mechanisms or procedures to the right used by the MS4 notify staff and others doing work on behalf of the MS4 about prohibition of and enforcement against illicit discharges:</p>	<p><input type="checkbox"/> Interconnection agreements <input type="checkbox"/> Maintenance directives / BMPS <input type="checkbox"/> Access Permits <input type="checkbox"/> Tenant Leases</p>	<p><input type="checkbox"/> Consultant Agreements <input type="checkbox"/> Construction/Bid Documents <input type="checkbox"/> Other:</p>
<p>3) Indicate which of these control mechanisms contain specific language prohibiting illicit discharges:</p>	<p><input type="checkbox"/> Interconnection agreements <input type="checkbox"/> Maintenance directives / BMPS <input type="checkbox"/> Access Permits <input type="checkbox"/> Tenant Leases</p>	<p><input type="checkbox"/> Consultant Agreements <input type="checkbox"/> Construction/Bid Documents <input type="checkbox"/> Other:</p>
<p>4) Explain how the MS4 intends to prohibit illicit discharges if:</p> <ul style="list-style-type: none"> • none of the mechanisms in number 2 contain language prohibiting illicit discharges; or • the MS4 intends to add language to prohibit illicit discharges in other control mechanisms. 	<p>The Suffolk County Department of Health Services (SCDHS) currently runs a comprehensive water quality monitoring program for the purpose of protecting surface waters in Suffolk County. They are authorized to do so through the existing Sanitary Code which allows the County to: monitor outfalls to surface waters, conduct inspections, make determinations as to the legality of discharges, and enforce the findings through various penalties. However, the existing Sanitary Code focuses primarily on regulating illegal outfalls to surface waters. We are proposing changes to the Sanitary Code which will also grant SCDHS authority to regulate illicit connections to Suffolk County-maintained conveyance systems and outfall pipes. The combination of the existing and proposed regulations will minimize illicit discharges to the maximum extant possible. A draft ordinance has been completed and proposes the following changes to the Suffolk County Sanitary Code:</p> <p>a) An amendment to “Article 5 General Sanitation”: a section is being considered that would make failing individual sewage treatment systems illegal in Suffolk County.</p> <p>b) An amendment to “Article 7 Water Pollution Control”: text is being considered to clarify the role of the SPDES permits</p> <p>c) Proposed a new article which is similar to the NYSDEC Model Ordinance (slightly modified in several instances in order to be relevant to the County’s priorities and resources). This proposed article specifically regulates against illicit connections and illicit discharges into surface waters.</p>	
<p>5) Explain how the MS4 (intends to) enforce against illicit dischargers within their jurisdiction?</p>	<p>Explanation: Article 2 of the existing Sanitary Code grants the County authority to issue both criminal and civil penalties for offences. If the proposed article is successfully added to the Sanitary Code, the mechanisms to enforce illicit dischargers will already be in place.</p>	

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

<p>Permit Reference IV.C.4.b.i, 5.a.i: Require development and implementation of erosion and sedimentation controls through a local law or other regulatory mechanism. The MS4s have until year 5 to complete this work.</p>	
<p>1) When was this work completed or planned to be completed?</p>	<p>Date completed: _____ <input checked="" type="checkbox"/> Not yet completed Plan to complete for reporting in year: <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 5.</p>
<p>2) Indicate which of the control mechanisms or procedures below are used by the MS4 to notify staff and others doing work on behalf of the MS4 about the <u>erosion, sedimentation and stormwater management requirements</u> for projects under the MS4s jurisdiction. (These requirements are based on the Construction Permit (GP-02-01) and MS4 Permit (GP-02-02)).</p>	
<p><input type="checkbox"/> Access Permits <input type="checkbox"/> Tenant Leases <input type="checkbox"/> Requests for Proposals (RFPs) <input type="checkbox"/> Scope of Services</p>	<p><input type="checkbox"/> Consultant Agreements <input type="checkbox"/> Construction / Bid Documents <input checked="" type="checkbox"/> Other Policies / Procedures <input type="checkbox"/> bid specifications _____</p>
<p>3) All of the <u>erosion, sedimentation and stormwater management requirements</u> below must be addressed by the MS4's control mechanisms. For the control mechanisms identified in number 2 above, state in the left hand cells below the control mechanism(s) that contain the language.</p>	
Control Mechanism	<u>Erosion, Sedimentation and Stormwater Management Requirements</u>
	Require all projects to have SWPPPs, as in GP-02-01
	Require all 16 components of a basic SWPPP (erosion and sediment control)
	Require all additional 7 components for a full SWPPP when post-construction control is required
	Meet the standards in the <i>Erosion and Sediment Control</i> and <i>Stormwater Management Design Manuals</i> (or otherwise meet the requirements of GP-02-01)
	Require contractor certification statements stating that the contractor will agree to comply with the terms and conditions of the SWPPP
	Require proper operation and maintenance of stormwater facilities during construction
	Require proper operation and maintenance of stormwater facilities after construction
	Require SWPPPs to be certified by a licensed / certified individual when there is a deviation from technical standards or direct discharge to a 303(d) segment or TMDL watershed subject to condition A of GP-0-01
	Have a process for review of SWPPPs
	Require site self inspections as in GP-02-01
	Have enforcement procedures during and after construction
	Require construction site operators to control waste
	Procedures for receipt and consideration of information submitted by the public
<p>4) If any of the requirements in number 3 are not addressed, explain how the MS4 intends to incorporate them into the control mechanisms?</p>	<p>Explanation:</p>
<p>5) Explain how the MS4 intends to enforce the requirements within their jurisdiction?</p>	<p>Explanation:</p>

Appendix 1 – Summary of Public Comment and Intended Responses

Comments from CEQ Public Meeting, 4/19/06

1. The duck mascot was an interesting choice since ducks have historically been a large part of the problem with water pollution in Suffolk County. Why did you choose it as a mascot?

A lot of thought went choosing a mascot for the program. A duck was ultimately chosen because it has historical significance to Long Island. The duck was chosen to make the program recognizable while linking problems of the past to solutions for the future.

2. The annual report says that the DPW has requested funds to cover the two remaining outdoor salt storage facilities. What is the status of this funding?

These projects are still pending funding.

3. How is starting a County recycling program important in terms of stormwater?

Recycling is relevant in terms of stormwater for two reasons, the first being reducing the overall amount of trash that can reach surface waters. The second has to do more with homeowners and making them aware of opportunities to recycle hazardous wastes, automotive wastes, etc. through town STOP programs.

4. Public schools are not recycling in Suffolk County. Is there anything we can do as part of the stormwater program to get them to recycle?

There is a recycling component to the “Meet Stormy Waters” stormwater education program for kids. We will look into incorporating more recycling information into education programs in an effort to highlight the importance of recycling to children and hopefully get recycling programs started at the schools.

5. What is being done to stop stormwater pollutants at storm drains?

There are several County highway stormwater remediation projects underway by the Suffolk County Department of Public Works. These are explained in detail in Addendum 2 of the Annual Report.

6. There seems to be good participation in curbside recycling programs for plastics, paper, etc. Can we investigate having curbside pick up of hazardous wastes instead of STOP drop off dates?

STOP programs and recycling programs are managed on the Town level in Suffolk County. The Suffolk County Stormwater Management Program is addressing County owned and maintained properties, roads, and facilities. This is why the focus has been on getting County office buildings and facilities to recycle. Curbside pick up of household hazardous wastes would need to be organized at the Town level.

7. On the South Shore stormwater is often diverted through marshlands to the Great South Bay through mosquito ditches with no treatment. Is anything being done to mitigate this?

The Department of Public Works has several stormwater remediation highway projects completed and underway. Descriptions are included in Addendum 2 of the Annual

8. Mt. Sinai Harbor and Stonybrook Creek should be added as 303(d) impaired waterbodies on page 2 of the annual report.

Mt. Sinai Harbor is on the NYSDEC 303(d) list of impaired waterbodies, however, the list on page two includes 303(d) waterbodies that the County MS4 is known to discharge to based on our illicit discharge detection and elimination field observations. County parcels in the vicinity of Mt. Sinai Harbor have not been visited in the field to date, the presence of discharges will be determined as the IDDE program continues. Stonybrook Creek is inclusive in the NYS listing of Stonybrook Harbor and West Meadow Creek.

9. What is being done about stormwater runoff to West Meadow Creek at a property owned by Suffolk County and leased to a horse farm?

Field staff that are inspecting County owned parcels for outfalls have not visited this site yet. A field visit will be made soon to determine if there are any illicit discharges from this property.

10. Who's responsibility is it when a discharge from a town road reaches a County-owned marsh with mosquito ditches, which then sends stormwater directly to surface waters untreated?

The stormwater discharge is currently both the Town and the County's responsibility. Under Phase II, the County and each Town covered by the mandate must pass an ordinance making illicit connections to the stormwater conveyance system illegal. At that point, the responsibility of controlling stormwater pollutants will become the responsibility of the source, which would be the Town in this example. If the Town continues to discharge pollutants to County property, the County should have a clause in an ordinance or code (by 2008) to disallow access to the property by the Town if they continue to have an illicit discharge to the County's system.

Comment from Stormwater CAC:

1. Section F, permit part IV.C.4. and IV.C.5.: These sections refer to waiting for the NYSDEC to publish guidance documents on how to modify bid specifications, have these documents been published?

After writing this document it was revealed that no such documents will be published. The list of requirements in Addendum 2 is the extent of written guidance given by the DEC on this portion of the permit. In the next permit year the bid specifications for construction and DPW internal procedures will be reviewed and adjusted to include all of these required components.

No further public comments were received on this annual report.

Appendix 2 - Suffolk County Department of Public Works Projects

This appendix lists the water quality projects completed, in progress or proposed by Suffolk County to reduce stormwater pollution to Suffolk County's streams, lakes, embayments, and estuaries. Concerns have been raised at previous public meetings that reducing stormwater runoff to surface waters may impact natural systems by affecting the salinity and overall function of aquatic ecosystems. The intent of these projects and of Phase II stormwater regulations is not to reduce natural stormwater runoff, but to effectively remove pollutants from stormwater runoff before it reaches Suffolk County's surface waters.

Completed Projects:

1. Bond Act Phase 2B - CR 98 at Terrell River

An existing drainage system was modified and augmented to divert a direct discharge from Terrell River to a recharge basin constructed adjacent to the river. This project is in the Town of Brookhaven.

2. Bond Act Phase 1B - Santapogue and Brown's Creek

CR 96 at Abbott Street, CR 85 at Brown's Creek, CR 12 at Santapogue Creek (2 locations), CR 96 at Bergen Point Golf Course

This project targeted urban runoff at four critical locations along these creeks and will decrease the amount of pollutants entering these important waterways. This was accomplished by targeting urban runoff at four critical locations along the creek. Vortechs® Stormwater Treatment Systems were installed within existing drainage systems. These systems are designed to efficiently reduce grit, contaminated sediments, metals, hydrocarbons and other pollutants contained in surface runoff. The Vortechs® System provides an 80 percent net annual removal of Total Suspended Solids (TSS). The Vortechs® System will be systematically inspected and routinely cleaned as part of Suffolk County's maintenance program to ensure optimum performance. Existing catch basins, field inlets, and leaching basins were cleaned. Temporary silt fence and hay bales were utilized to prevent construction site runoff from entering the creek.

3. Bond Act Phase 1G - Carmans River, CR 80

To prevent roadway runoff from entering the Carmans River, leaching basins were installed upstream of the existing direct discharge point. These basins allow the runoff to filter through the surrounding soil before they enter the River. This project is in the Town of Brookhaven. Carmans River drains to Bellport Bay, a waterbody listed as impaired by stormwater on the NYS 303(d) list of impaired waterbodies.

4. Bond Act Phase 1A - Lake Montauk, Paynes Creek, Three Mile Harbor

CR 60 at Paynes Creek, CR 77 at Glenmore Avenue, CR 77 at S. Fairview Avenue, CR 77 at Gloucester Avenue, CR 40 at Gardiner Cove, CR 40 at Springy Banks Road

Paynes Creek –The goal of this project was to intercept and retain highway stormwater runoff currently discharging directly to Paynes Creek, a tributary of the Peconic Estuary. Roadway discharge typically contains pathogens and suspended sediments which may be part of the reason for year-round shellfish closures at Sag Harbor and near-by coves.

Three leaching basins and a Vortechs™ stormwater treatment system were installed within the existing drainage system, upstream of the point of discharge. Leaching basins are designed to percolate stormwater runoff through surrounding soil to remove suspended sediments, contaminants and silt. Vortechs™ systems are designed to efficiently reduce grit, contaminated sediments, metals, hydrocarbons and other pollutants contained in surface runoff. Paynes Creek drains to Sag Harbor Cove and Sag Harbor, which are both listed as impaired by stormwater on the NYS 303(d) impaired waterbodies list.

Lake Montauk – At CR 77, at South Fairview Avenue, a small retention area was constructed within the existing right-of-way. The existing drainage pipes

were diverted to this area where two feet of water is retained between elevation 2.5ft. and 4.5ft. during a rainfall event. The volume of retention is approximately 6,900cf.

At CR 77 at Glenmore and Gloucester, three type G1 leaching basins were installed at each location, for a total of six leaching basins. On either side of the basins, asphalt tip-up extends 100ft along the edge of pavement so that runoff is directed into it. Lake Montauk is listed as impaired by stormwater on the NYS 303(d) impaired waterbodies list.

Three Mile Harbor – At CR 40 at Springy Banks Road, two G1 leaching basins were installed and two existing D-3 leaching basins were cleaned. On either side of the new and existing basins, asphalt tip-up extends 100 ft. along the edge of pavement so that runoff is directed into it.

At CR 40 at Three Mile Harbor (Gardiner Cove), there are two separate drainage systems consisting of catch basins and pipes discharging directly to the harbor at this location. Two leaching basins are installed within each system (a total of four basins at this location) upstream of the outfall.

5. Bond Act Phase 1H - Southold Bay, CR 42

The proposed project complements the Peconic Estuary Management Plan by reducing pathogen input through the installation of leaching basins, which were constructed to receive contaminated stormwater that is currently discharging directly to Southold Bay (Peconic Estuary). Elimination of this high coliform discharge will increase the likelihood that shellfish beds in the area, which are closed periodically as a result of pollution from this source, will be reopened. Shellfishing now is precluded in this area on a seasonal basis and particularly after an intense rainfall event.

Southold Bay is an important commercial shellfishing area which has been adversely impacted by the discharge of polluted highway stormwater runoff. Implementation of the proposed project will reduce this discharge and help to restore this habitat.

6. Bond Act Phase 2A - Hashamomuck Pond, CR 48

Both stormwater quantity and quality must be addressed when designing retention areas. This project was designed to address both issues, and will provide stormwater treatment (quality) while preventing localized floods (quantity).

Stormwater runoff from a 2.73-acre portion of County Road 48 that had discharged directly to Hashamomuck Pond was diverted to a series of five newly constructed bioretention ponds. These ponds have a total volume capacity equivalent to a 6.27-inch rainfall over the watershed, nearly equal to a 50-year, 24-hour rainfall event. The first pond is designed to maintain a permanent water surface to allow sufficient time for biological uptake of stormwater pollutants by the plantings in the pond. The remaining four ponds provide additional retention time to allow further pollutant removal via biological uptake. An overflow structure was placed in the last pond to allow flows from larger storms to safely return to Hashamomuck Pond without causing flooding.

Landscaping was strategically placed to both increase site aesthetics and provide slope stabilization.

Hashamomuck Pond is listed as impaired by stormwater on the NYS 303(d) impaired waterbodies list. The reduction of pathogens, sediment, and other contaminant input to Hashamomuck Pond fits with recommendations from the Peconic Estuary Comprehensive Conservation and Management Plan and will contribute to the restoration of the shellfishing habitats in the pond.

7. SR 27A at Champlins Creek

Stormwater runoff from Montauk Highway was discharging directly to Champlins Creek through a positive drainage system. Pollutants commonly found in highway stormwater runoff have degraded the water quality of the Creek and has led to its inclusion on the 2004 303(d) Impaired waterbodies list, with the pollutant of concern listed as stormwater. Innovative media-filled inserts were installed within four catch basins on Montauk Highway that accept highway runoff within the Champlins Creek watershed. These media are able to remove stormwater pollutants such as oil, grease, sediment, and nutrients that had previously been discharged directly to the Creek.

Projects Under Construction:

8. Bond Act Phase 1E - Mattituck Creek, CR 48 at Westphalia Avenue, CR 48 at Mary's Road

These projects have resulted from a coordinated effort between Suffolk County and the Town of Southold to eliminate discharge of highway stormwater runoff to Mattituck Creek. Mattituck Creek is currently listed as impaired by stormwater on the NYS 303(d) list of impaired waterbodies.

The existing positive drainage system along County Road 48 discharges stormwater runoff directly into Mattituck Creek which is a valuable commercial shellfishing area. This discharge contains pathogens and suspended sediments which may contribute to the year-round shellfishing closures currently experienced at Mattituck Inlet.

Westphalia Avenue: Through our coordination with the Town of Southold, a plan has been developed to construct a retention basin designed to retain the water quality volume emanating from the watershed. Two Baysaver® stormwater treatment units will also be installed at each discharge prior to the basin inlet to prevent silt, sediment, and floatables from entering the basin, thereby decreasing its maintenance demands.

Mary's Road: A Baysaver® stormwater treatment unit will be installed prior to the discharge to prevent silt, sediment, and floatables from entering the Creek.

Funded Projects in the Design/Permitting Stages:

9. Bond Act Phase 3B - Peconic River, CR 63

An existing drainage system on CR 63 currently discharges directly into the Peconic River. This drainage system will be replaced and supplemented with a stormwater treatment unit that will remove and retain floatables, sediment, and other stormwater pollutants discharging to the River. The Peconic River is listed as impaired by stormwater on the 2004 NYS 303(d) list of impaired waterbodies.

10. Bond Act Phase 3C - Peconic/Little Peconic Rivers, CR 94

This project will create a series of aesthetically-pleasing retention ponds and innovative retention areas in the center medians of County Roads 94 and 51, surrounding the County Center in Riverhead, to address the watershed areas to the west of the Little Peconic River. Six of eight existing direct discharge flows will be redirected into this proposed system, with an additional existing discharge point remaining as an overflow outlet for severe storms. Any overflow from the proposed system will be treated by a stormwater treatment unit. Additional leaching basins will be installed on the east side of the Little Peconic River to retain and treat runoff emanating from the watershed to the east of Little Peconic River. The Peconic River is listed as impaired by stormwater on the 2004 NYS 303(d) list of impaired waterbodies.

11. Bond Act - Champlins Creek, CR 50

Currently, two positive drainage systems exist on County Road 50 that direct stormwater runoff to outfall pipes which discharge to Champlin's Creek, a tributary to the Great South Bay. Champlin's Creek is listed as impaired by stormwater on the 2004 NYS 303(d) list of impaired waterbodies. This project proposes to install stormwater treatment vaults at the point of each discharge, thus mitigating the impact of stormwater and associated pollutants such as pathogens and floatables on adjacent areas. This project also includes restoration of any areas disturbed during construction.

12. CR 96 at Evergreen Street

This project will modify existing drainage systems to divert the existing untreated direct discharge to West Babylon Creek to a new retention basin located on a parcel to be acquired by the County Department of Public Works. This retention basin will have plantings that will aid in the biological uptake of pollutants commonly found in stormwater. The treated overflow from this basin will then be allowed to discharge to the creek through the existing swale. This diversion will also decrease the volume and intensity of water entering the swale, thereby eliminating problem flooding conditions.

By eliminating the large volume of untreated stormwater emanating from the drainage systems on Great East Neck Road, there will be a decreased pollutant

load entering West Babylon Creek. This should lead to a decrease in the frequency and severity of the impairments experienced in the Creek and the Bay. The flooding condition will also be eliminated. This project will remediate stormwater discharges emanating from 5.3 acres of watershed that generate up to 19,000 cubic feet of water for 90 percent of all rainfall events occurring in the region.

13. Bond Act Phase 1C - Shinnecock Bay-Weesuck Creek, CR 80 at S. Valley Road, CR 80 at Munns Pond Park, CR 32 at Ponquogue Bridge, CR 80 at Weesuck Creek

The project involves the installation of in-line leaching basins and leaching fields to intercept and treat highway stormwater runoff which currently discharges directly to Shinnecock Bay, Tiana Bay, and Weesuck Creek. Weesuck Creek is listed as impaired by stormwater on the 2004 NYS 303(d) list of impaired waterbodies. The existing drainage systems at all locations will be modified and augmented accordingly to maximize the efficiency and capacity of the leaching basins.

14. Bond Act Phase 1D - CR 35 @ Huntington Harbor

County Road 35, Mill Dam Road, runs between Huntington Harbor and Mill Dam Pond in the Town of Huntington. The road was constructed in the early 1900's without a drainage system. Consequently, the roadway runoff directly discharges via sheet flow into Huntington Harbor and Mill Dam Pond. The area also experiences severe flooding due to the lack of an effective drainage system.

This proposal involves multiple construction components that will both alleviate the flooding situation and eliminate the direct discharge of stormwater runoff from the roadway into Huntington Harbor and Mill Dam Pond. A positive drainage system consisting of catch basins and reinforced concrete pipe will be installed along the entire length of Mill Dam Road. This system will direct the runoff into a proposed retention pond to be constructed on Suffolk County property that was previously used as a salt storage area. The drainage system will be designed to accommodate a 10-year design storm, and the retention pond will be sized to provide retention of the water quality volume. An overflow structure in the pond will allow safe passage of flows associated with larger storms. Landscaping will be installed in and around the pond that will enhance the biological uptake and capture of nutrients contained in stormwater runoff, as well as enhance the aesthetics of the site.

This project complements a project being performed by the Town of Huntington in Mill Dam Park, just to the south of Mill Dam Road that is also addressing stormwater runoff from multiple town roads.

Huntington Harbor listed as impaired by stormwater on the 2004 NYS 303(d) list of impaired waterbodies. Partial funding for this project has been awarded through the NYSDEC Clean Air/Clean Water Bond Act competitive application process.

15. Meschutt Beach (Great Peconic Bay)

The proposed project scope includes the rehabilitation and resurfacing of the existing parking areas at Meschutt Beach on the Great Peconic Bay. In addition, a positive stormwater drainage system will be installed and designed to discharge to a proposed recharge basin located adjacent to the parking area. Currently, there is no positive drainage system installed in the parking area, and runoff from the pavement is allowed to drain directly onto the beach area, which results in significant scouring. The proposed design will collect all runoff on the pavement surface into the positive system, which conveys water to the recharge basin, thereby abating erosion of the surrounding dunes and increasing the treatment potential of runoff from the parking area.

The 2000 Atlantic Ocean Long Island Sound Basin Waterbody Inventory and Priority Waterbodies List (PWL) confirms the need for stormwater remediation at this location. The region adjacent to the Shinnecock Canal is listed in the PWL as containing a stressed condition for recreation due to pathogens. The known source of pathogen pollutants is listed as urban runoff. In addition to the contact recreation restrictions imposed on this region of the Peconic Bay, a year-round shellfishing restriction applies to this region.

16. CR 80 at Oceanview Road (Shinnecock Bay)

An existing positive drainage system directly discharges untreated stormwater to Shinnecock Bay through an existing drainage easement. This system not only contributes pollutants associated with stormwater, such as floatables, sediment, and pathogens, but is also inadequately sized to accommodate flow rates associated with large storms. Consequently, roadway flooding has also been a concern in this area.

The 2004 Priority Waterbodies List confirms the need for stormwater remediation at Shinnecock Bay, as fish consumption advisories and shellfishing restrictions are in place for portions of the Bay. Urban runoff from storm sewers is identified as the primary source of pollutants such as priority organics and pathogens.

The existing drainage system will be augmented with a new positive drainage system that will convey stormwater runoff to a new retention basin that will be constructed on one of two proposed sites. The NYSDEC, as the permitting authority, will determine which site can be utilized for this basin. The new basin will remove silt, floatables, and sediment while soluble pollutants will be removed via biological uptake.

17. CR 34 at Phelps Lane (Carlls River)

A positive drainage system directs roadway runoff from 1800 feet along Deer Park Avenue (CR 34) and 1470 feet along Phelps Lane directly into Carlls River. This project will redirect this discharge into a Baysaver stormwater treatment unit and then into a proposed stormwater retention pond.

The Baysaver unit will be designed to treat the flow associated with a 10-year design storm, and will allow flows associated with larger, more intense storms to safely bypass the system. This unit will remove floatables and sediment from the runoff and retain it within the structure for easy maintenance. This will also serve to reduce the maintenance demands of the pond.

The stormwater retention pond will be constructed on a wooded parcel that is currently a problem illegal dumping site. The parcel is owned by the State of New York, and a drainage easement or a land use agreement will need to be negotiated with the State. The pond will be designed to accommodate a 10-year design storm, and will be equipped with an overflow structure that will allow flows associated with larger storms to be bypassed.

Landscaping will be installed in and around the pond that will enhance the biological uptake and capture of nutrients contained in stormwater runoff, as well as enhance the aesthetics of the site.

This project will complement two stormwater remediation projects funded through this program sponsored by the Town and Village of Babylon that address direct discharges to Carlls River. By coordinating our efforts with the Town and Village, a greater improvement to the water quality of Carlls River will be realized.

Proposed Projects (not yet funded):

18. CR 80 at Forge River

Two stormwater discharges directly enter the Forge River from CR 80, Montauk Highway. The Forge River is listed as impaired by stormwater on the 2004 NYS 303(d) list of impaired waterbodies. This project will eliminate both discharges by diverting each of them into a stormwater treatment system and/or a retention basin, depending on the availability and suitability of a potential retention basin site. Further details and specifics will be available as the design progresses.

19. CR 36 at Various crossings tributary to Bellport Bay and Patchogue Bay

CR 36, South Country Road, crosses several tributaries to Bellport Bay and Patchogue Bay as it crosses through the Village of Bellport. Both of these waterbodies are listed as impaired by stormwater on the 2004 NYS 303(d) list of impaired waterbodies. These extensive projects, currently under preliminary design, will eliminate as many direct discharges as possible by installing stormwater treatment units or leaching basins at or near each roadway low point.

20. CR 101 at West Branch of Mud Creek

An extensive positive drainage system directs stormwater runoff from CR 101 and discharges it directly to the west branch of Mud Creek, a waterbody known to support native species of trout. This project will redirect the stormwater discharge to a series of wet ponds (designed per the NYS Stormwater Management Design Manual) that will naturally remove pollutants commonly found in stormwater.

21. CR 46 at Unchachogue Creek and Narrow Bay

Preliminary design is underway for this project, and will incorporate appropriate stormwater management practices to eliminate the direct discharge to Unchachogue Creek from William Floyd Parkway. This will include upland leaching basins and swales. A detention wetland will be constructed on County property pursuant to the NYS Stormwater Management Design Manual.

22. CR 85 at Green Creek

Currently, an extensive positive drainage system serving most of downtown Sayville (a total of approximately 4.3 acres of impervious pavement area) directly discharges into Green Creek, a tidal tributary of the Great South Bay at Montauk Highway. Discharge points into Green Creek exist on the north and south sides of Montauk Highway. This system contributes pollutants associated with stormwater, such as floatables, sediment, and pathogens.

The 2004 Priority Waterbodies List confirms the need for stormwater remediation on the tributaries of the Great South Bay, as year-round shell-fishing restrictions are in place for most of the tributaries and recreation is classified as stressed. Urban runoff from storm sewers is identified as the primary source of pollutants such as priority organics and pathogens.

The stormwater runoff from the existing system will be redirected to two proposed recharge basins; one on the south side of Montauk Highway at West Lane, the other on the north side of Montauk Highway at Garfield Avenue. Landscaping will be strategically installed to maximize the pollutant removal efficiency of the basins. Associated highway restoration work will be completed.

Appendix 3 – Suffolk County Stormwater Management Program Mascot and Logo



Be the Solution to Stormwater Pollution