

STORMWATER MANAGEMENT PLAN
ANNUAL REPORT (SWMPAR)
YEAR ENDING MARCH 9, 2007 (YEAR 4)

PREPARED FOR
THE INCORPORATED VILLAGE OF ROSLYN

DRAFT

PREPARED BY
CAMERON ENGINEERING & ASSOCIATES, LLP



MAY 2007

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1. Executive Summary

The Incorporated Village of Roslyn (Village) is providing this Year 4 Storm Water Management Plan Annual Report (SWMPAR) in compliance with its State Pollutant Discharge Elimination System (SPDES) General Permit GP-02-02. The Village's SPDES Permit Number (i.e., NYR20A071) was issued in response to the Village's Notice of Intent (NOI) submitted to the New York State Department of Environmental Conservation (NYSDEC) in March of 2003 for compliance with the Phase II Storm Water Regulations. The SPDES permit authorizes the Village to discharge storm water runoff in accordance with the requirements of General Permit GP-02-02 as an MS4 (municipal separate storm sewer system) owner and operator.

As a requirement of the General Permit, this annual report presents an evaluation of the Village's SWMP progress toward achieving the program goals, identifying and utilizing Best Management Practices (BMPs) and ensuring pollutant reduction to the maximum extent practicable (MEP).

This SWMPAR provides a summary of the Village activities during Year 4, as well as an update of the Year 5 goals for the required six (6) minimum control measures including, Public Education and Outreach, Public Participation/Involvement, Illicit Discharge Detection and Elimination, Construction Site Storm Water Runoff Control, Post-Construction Storm Water Management and Pollution Prevention/Good Housekeeping procedures.

The Village has accomplished significant SWMP goals during the first four (4) years of the plan. In addition, the Village has adopted an active approach to following program goals and has been successful in reaching out to educate the public by involving the public in SWMP presentations and site plan reviews. Also, the Village has created and enforced ordinances to reduce pollutants at their source, trained employees and staff with regard to operations and maintenance activities for pollution prevention and performed routine storm water maintenance activities.

By achieving the Year 4 goals of its SWMP, the Village has improved its efforts reaching out to Village residents and educating them as to how they can participate and make significant improvements to water quality. The Village also maintained its cooperation with Nassau County and the Hempstead Harbor Protection Committee to reach out to more of the public. The Village has also established a web site link, initiated a storm water medallion program, adopted ordinances for subdivisions, drainage and sediment & erosion control and continued staff training and developing standards for site plan reviews and BMP procedures.

The Village is looking forward to expanding its SWMP goals during Year 5 by continuing to reach out to more Village residents, expanding its cooperation efforts with Nassau County and the Hempstead Harbor Protection Committee (i.e., investigating the feasibility of an outfall sampling program), providing more services to the public in the form of resources, installing stormwater medallions and "end of pipe" stormwater treatment units. By implementing its Year 5 goal, the Village will maintain its active role with respect to storm water management and compliance with the requirements of its SPDES General Permit GP-02-02.

2. Municipal Compliance Certification

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Phase II SPDES General Permit for

Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4s), GP-02-02

MUNICIPAL COMPLIANCE CERTIFICATION (MCC) FORM

Regulated MS4: Village of Roslyn SPDES Permit Number: NYR20A 071

See information packet for information to help complete this form.

MCC Form for year ending: March 9, <u> </u> 2006 (Year 3) <u> X </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> X </u> Yes <u> </u> No			
Name: Wade Curry		Title: Superintendent of Buildings and Public Works	
Department: Buildings and Public Works			
Mailing Address:	Street or P.O. Box: 1200 Northern Boulevard		City: Roslyn
	County: Nassau	State: New York	Zip Code: 11576
Phone: (516) 621-1961		E-mail Address: roslynbuild@optonline.net	
Local Stormwater Public Contact (Required by Minimum Measure 2)			
Is information below: 1) new or changed? <u> </u> Yes <u> X </u> No			
2) same as: <u> X </u> Owner/Operator			
Name:		Title:	
Department:			
Mailing Address:	Street or P.O. Box:		City:
	County:	State:	Zip Code:
Phone: ()		E-mail Address:	
Stormwater Management Program (SWMP) Coordinator (Responsible for implementation/coordination of SWMP)			
Is information below: 1) new or changed? <u> </u> Yes <u> X </u> No			
2) same as: <u> X </u> Owner/Operator <u> </u> Local Stormwater Public Contact <u> </u> SWMP Coordinator			
Name:		Title:	
Department:			
Mailing Address:	Street or P.O. Box:		City:
	County:	State:	Zip Code:
Phone: ()		E-mail Address:	
Annual Report Preparer			
Is information below: 1) new or changed? <u> X </u> Yes <u> </u> No			
2) same as: <u> </u> Owner/Operator <u> </u> Local Stormwater Public Contact <u> </u> SWMP Coordinator			
Name: Mark Wagner, CEP Cameron Engineering & Associates, LLP		Title: Associate	
Department: Water Resources			
Mailing Address:	Street or P.O. Box: 100 Sunnyside Blvd., Suite 100		City: Woodbury
	County: Nassau	State: New York	Zip Code: 11797
Phone: (516) 827-4900		E-mail Address: mwagner@cameronengineering.com	

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
Hempstead Harbor	Pathogens, PCBs	X	

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

☐ Yes
☒ No

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

☐ Yes
☐ No (explain below)

Explain:

Section C. Partnership Information

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

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

List MS4 Partners with Legally Binding Agreements or Contracts in Place

List MS4 Partners with Planned Legally Binding Agreements or Contracts

Nassau County Department of Public Works
Hempstead Harbor Protection Committee

List MS4 Partners with Other Agreements in Place

Nassau County Department of Public Works
Hempstead Harbor Protection Committee

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

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

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

Explain:

Section E. Funding and Resource Allocation

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

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

Explain: N/A

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:

Municipal Budget:

Source: General Operating Funds

Estimated Amount: \$50,000 annually (stormwater management plan implementation)

Grants:

Source: NYSDEC

Amount: \$21,500 (Water Quality Improvement Project No. 2006WQI8125)

Source: Nassau County Environmental Bond Act

Amount: \$151,000 (Skillman and Lumber Road Vortechics)

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

Explain: N/A

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	☒ Yes	☐ No	☐ N/A	☒ Yes ☐ No ☐ N/A
	Explain 'no' / 'N/A' answer:				
IV.C.2.	Public Involvement / Participation	☒ Yes	☐ No	☐ N/A	☒ Yes ☐ No ☐ N/A
	Explain 'no' / 'N/A' answer:				
IV.C.3.	Illicit Discharge Detection and Elimination	☒ Yes	☐ No	☐ N/A	☒ Yes ☐ No ☐ N/A
	Explain 'no' / 'N/A' answer:				
IV.C.4.	Construction Site Stormwater Runoff Control	☒ Yes	☐ No	☐ N/A	☒ Yes ☐ No ☐ N/A
	Explain 'no' / 'N/A' answer:				
IV.C.5.	Post-Construction Stormwater Management	☒ Yes	☐ No	☐ N/A	☒ Yes ☐ No ☐ N/A
	Explain 'no' / 'N/A' answer:				
IV.C.6.	Pollution Prevention / Good Housekeeping for Municipal Operations	☒ Yes	☐ No	☐ N/A	☒ Yes ☐ No ☐ N/A
	Explain 'no' / 'N/A' answer:				

Certification Statement

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print Name: John Durkin Title: Mayor

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.**

3. Storm Water Management Plan Minimum Control Measures (MCM)

MCM 1: Public Education and Outreach in Storm Water Impacts

MCM 2: Public Involvement/Participation

MCM 3: Illicit Discharge Detection and Elimination

MCM 4: Construction Site Storm Water Runoff Control

MCM 5: Post-Construction Storm Water Management

MCM 6: Pollution Prevention/Good Housekeeping

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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



Regulated MS4: Village of Roslyn **SPDES Permit Number:** NYR20A 071

Annual Report Table for year ending: March 9, 2006 (Year 3) X 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.

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). • <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>	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
The Village has continued to update and maintain its storm water information repository with additional stormwater brochures displayed at Village Hall.	The Village will continue to update its stormwater repository as stormwater related issues and information becomes available.
Additional stormwater educational materials were mailed to all Village residents as enclosures with their tax bill (i.e., "Stormwater Management Practices for Landscape Maintenance").	The Village will continue to expand its public access to stormwater information by investigating the feasibility of developing stormwater stickers and/or refrigerator magnets for mailing to all Village residents with their tax bill.
Additional Techniques	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
The Village has continued to maintain its stormwater coordination efforts with Nassau County and the Hempstead Harbor Protection Committee (HHPC).	The Village will continue to maintain its stormwater coordination efforts with Nassau County and the HHPC.
The Village has received 100 stormwater medallions from Nassau County and has installed approximately 20 within its commercial district.	The Village will continue to install the stormwater medallions received from Nassau County.
The Village has established stormwater management practices for businesses in the Village with noted violations enforced and upgrades completed in conjunction with building permits.	The Village will maintain and update stormwater management practices for businesses in the Village, as required and continue enforcement of violations and provide for improvements with the approval of building permits.

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.

An e-mail link has been established at the Village website for public comment on construction activities within the Village.	The Village will maintain and update its e-mail link for public comment on construction activities within the Village, as necessary.
	The Village intends to purchase and view available stormwater related DVD's/videos, including "Municipal SW Pollution Prevention: Storm Watch: Everyday BMPs" DVD.
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: N/A	

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.

Permit Reference IV.C.2.c.iii.: Design and conduct a public involvement / participation program. - Describe activities that the MS4 has/will undertake to provide program access to interested individuals and to gather needed input. - Indicate activities planned for next year.	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
The Village has provided for public review and comment to all of its Stormwater Management Plan Annual Reports (i.e., Years 1, 2, 3 and 4)	The Village will continue to provide (i.e., in Year 5) for annual public hearings (i.e., in May 2008) for public review and comment of its Stormwater Management Plan Annual Reports.
The Village prepared its fourth annual draft Stormwater Management Plan Annual Report (SWMPAR) and provided for public review and comment at its May 15, 2007 public meeting.	The Village will prepare its fifth year draft Stormwater Management Plan Annual Report (SWMPAR) and provide for public review and comment at its May 2008 Annual Report Meeting.
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> The Village provides public access to its stormwater repository during normal business hours and located at Village Hall. The Village provided public notice of its May 15, 2007 public hearing and presented its draft Year 4 Stormwater Management Plan Annual Report (SWMPAR).	The Village will continue to provide (i.e., in Year 5) for annual public hearings (i.e., in May 2008) for public review and comment of its Stormwater Management Plan Annual Reports.
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.	
Comments on Annual Report Meeting ___ No public comments received on Annual Report. ___ Comments received. Attach summary of comments and intended responses.	Date of Annual Report Meeting: May 15, 2007 Approximate Date of Meeting Next Year: May of 2008
Additional Techniques The Village has provided stormwater educational materials to the Hempstead Harbor Protection Committee (HHPC) for use at the "Sea Cliff Mini Mart" and other street fairs/events.	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities) The Village will continue to provide stormwater educational materials to the HHPC for use at the "Sea Cliff Mini Mart" and other street fairs/events.

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.

The Village has established an e-mail link at the Village website for public comment on construction activities within the Village.	The Village will continue to maintain and update its e-mail link for public comment on construction activities within the Village, as necessary.
	The Village will investigate the feasibility of conducting a Village stormwater logo contest requesting input from Village residents.
	The Village will continue to expand its public involvement/participation by investigating the feasibility of developing: - a public attitude survey towards stormwater management and mailing of the survey (with a return pre-addressed stamped envelope) to all Village residents with their tax bill. - a stormwater management home assessment survey and mailing of the survey (with a return pre-addressed stamped envelope) to all Village residents with their tax bill.

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.

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. • <i>Explain the activities and procedures used to meet this requirement this year and planned for next year.</i> • <i>Revise as procedures are updated.</i> • <i>Identify personnel or outside organization conducting the activities</i> The Village has continued active enforcement of illicit discharges as they are prohibited by Village code. In addition, there were no illicit connections or discharges identified during Year 4.	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities) • <i>Example measurable goals: number of illicit discharges detected; number of illicit discharges eliminated.</i>
The Village has continued active enforcement of its tobacco use legislation (proper disposal of cigarette/tobacco waste products) and grease trap and septic system pump out requirements. The Village has continued further development of its Capacity, Management, Operation and Maintenance (CMOM) Program by developing long term maintenance and cleaning programs.	The Village will continue to enforce its adopted stormwater drainage ordinance and modify as necessary and based on Nassau County ordinances and sewer ordinance models. The Village will also continue to provide active enforcement of illicit discharges and update code, as necessary. The Village will continue to provide active enforcement of tobacco use legislation and grease trap and septic system pump out requirements.
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> Nassau County has provided the Village with outfall GIS data. The Village has commenced development of GIS data for the stormwater system within the Village.	The Village will continue to expand and develop its CMOM program to the Village infrastructure (i.e., sanitary and stormwater systems). Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities) • <i>Example measurable goals: percent of outfalls mapped</i> The Village will continue to develop the GIS mapping data of the stormwater system within the Village. In addition, the Village intends to utilize the outfall mapping information provided by Nassau County to identify sources of illicit discharges.
	The Village will commence CCTV inspections of its stormwater piping system within the Village and coordinate these efforts with its GIS mapping efforts.

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

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.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.		☐ No (go to ADDENDUM 1) ☒ Yes (complete questions below)
Does the MS4 have the legal authority to enact ordinances, local laws or other regulatory mechanisms?		
Assessment of Regulatory Mechanism (Local Code)		
1) When was this assessment completed or planned to be completed? Existing regulations were modified in Year 3 to follow MS4 compliance. Date completed: <u>Modified March 2006</u> Not yet completed (proceed to next table) Plan to complete for reporting in year: <u>4</u> ; <u>5</u> .		
2) Is there an existing ordinance, local law or other regulatory mechanism? ☒ No (go to question 5) ☐ Yes		
3) Does the existing regulatory mechanism prohibit illicit discharges as required by the MS4 Permit? ☐ No (amendments needed) ☒ Yes		
4) Does the existing regulatory mechanism include enforcement authorities and procedures as required by the MS4 Permit? ☐ No (amendments needed) ☒ Yes		
Development of Regulatory Mechanism (Local Codes)		
5) When was this work completed or planned to be completed? Date completed: _____ Not yet completed (proceed to next table) Plan to complete work below for reporting in year: <u>4</u> ; <u>5</u> .		
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? ☐ NYS IDDE Model Law in its entirety ☐ Selected NYS IDDE Model Law articles adopted as amendments to existing code(s) that are equivalent to the NYS IDDE Model Law ☐ 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? ☐ No ☐ 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? ☐ NYS IDDE Model Law in its entirety ☐ Selected NYS IDDE Model Law articles adopted as amendments to existing code(s) that are equivalent to the NYS IDDE Model Law ☐ 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.

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. <i>Explain activities and materials used to meet this requirement this year and planned for next year</i> <i>Identify personnel or outside organization conducting activities</i>	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
The Village has continued utilizing Nassau County's Illicit Discharge Hotline phone number (i.e., 516-571-6863) providing for Village residents the opportunity to report illicit or suspected illicit discharges to the existing stormwater system. No illicit or suspected illicit discharges found in the Village.	The Village will continue to provide it resident with access to Nassau County Illicit Discharge Hotline.
As part of MCM Nos. 1 and 2, the Village has continued its public education/participation programs informing the public through storm water articles/pamphlets and public meetings regarding the identification and elimination of illicit discharges, including illegal dumping, into the MS4.	The Village will continue to provide public information programs (i.e., through MCM Nos. 1 and 2) on the identification and elimination of illicit discharges.
The Village has continued to inform municipal employees regarding identification and elimination of illicit discharges through training meetings/sessions.	The Village will continue to provide municipal employee training through Nassau County sponsored training programs.
Additional Techniques	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
The Village has mapped its watershed area (i.e., 0.66 square miles). This data will be utilized with the outfall mapping information provided by Nassau County, to potentially identify sources of illicit discharges.	The Village will utilize the map of its watershed area to potentially identify sources of illicit discharges.
	The Village intends to coordinate the development of an outfall sampling program with Nassau County to identify priority pollutants in stormwater and potentially identify sources of the priority pollutants and/or sources of illicit discharges.
	The Village intends to coordinate development of an outfall sampling program with Nassau County to identify priority pollutants in stormwater discharges.

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.

	The Village will continue to provide active enforcement of its sprinkler use ordinance.
	The Village will continue to enforce its adopted stormwater drainage ordinance and modify as necessary and based on Nassau County ordinances and sewer ordinance models.
	The Village intends to purchase "Municipal SW Pollution Prevention: Storm Watch: Everyday BMPs" DVD and utilize it as an important tool for their pollution prevention training programs.
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 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 (<i>Stormwater Management Gap Analysis Workbook for Local Officials</i> or equivalent process). The MS4s have until year 5 to complete the local law work. See the instructions for information about completing this section.	
Does the MS4 have the legal authority to enact land use ordinances, local laws or other regulatory mechanisms?	☐ No (go to ADDENDUM 2) ☒ Yes (complete questions below)
Preliminary Assessment of Regulatory Mechanism (Local Code)	
1. When was the preliminary assessment of existing local codes completed or when will it be completed?	Date completed: February 2006 Not yet completed (proceed to next table) Plan to complete for reporting in year: 4; 5. Did not do preliminary assessment; proceeded directly to Gap Analysis Worksheets 1-4 or adopted <i>Sample Local Law for Stormwater Management and Erosion & Sediment Control</i> (Sample Local Law).
2. If preliminary assessment was completed, indicate the results.	☐ If none of Sample Local Law provisions appear in local code; consider adopting Sample Local Law or equivalent ☐ If few Sample Local Law provisions appear in local code; major revisions needed or consider adopting Sample Local Law or equivalent ☒ If most of the Sample Local Law provisions appear in local code; minor revisions needed
Assessment and Development of Regulatory Mechanism (Local Code) (continued on next page)	
3. When was the Gap Analysis or equivalent process completed or when will it be completed?	Date completed: Not yet completed (proceed to next table) Plan to complete work below for reporting in year: 4; 5.
4. How was the local code adopted or how will it be adopted*?	a. The entire Sample Local Law adopted as amendments to existing code or as stand alone law. • If no portions of the Sample Local Law were moved or deleted, all provisions would be exactly the same as the Sample Local Law. • If ANY provisions of the Sample Local Law were moved or deleted, the moved or changed provisions must be reviewed (use the <i>Gap Analysis</i> or equivalent process) to ensure the intent of the law has not been changed. b. ☒ Parts of NYS Sample Local Law adopted as amendments to existing code. c. ☒ Language developed by municipality was demonstrated to be equivalent.
<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>	

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)
1		
2		
3, 4, 5		
6		
TOTAL		
6. Has a list of needed changes (legislative agenda) been developed for adoption of amendments to local codes (or for deletion of existing codes that are addressed by adoption of a stand alone law)?		No Yes, list the local codes that will be changed:
7. What was the date or is planned date of local code adoption?		Date: March 2006
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.

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. Describe the procedures below. <i>Revise as procedures are updated.</i> The Village has continued to utilize its existing ordinances and local requirements for construction site sediment & erosion control, waste management and storm water runoff control as part of its site plan review process. The existing ordinances and local requirements include Nassau County Department of Public Works' Drainage Requirements for the Subdivision of Land and the Hempstead Harbor Protection Committee's "Watershed Runoff Measure Certification". Existing Village code requirements are consistent with the Nassau County requirement for onsite stormwater retention capacity of an 8 inch rainfall event.	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities) Example measurable goals: <i>number of plans received; number of plans reviewed; percent of plans received that are reviewed.</i> The Village will continue to maintain and update its local ordinances and Best Management Practices (BMPs) to control construction site runoff as part of its site plan review process.
Permit Reference IV.C.4.b. vi: Develop and implement procedures for the receipt and consideration of information submitted by the public. - Explain the procedures below. <i>Revise as procedures are updated.</i> - Identify the responsible personnel or outside organizations. The Village has established provisions (i.e., provided a Village website link) to allow for public comment on Village construction projects. No public comments have been provided to date.	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities) The Village will maintain its existing code requirement for the onsite stormwater retention capacity of an 8 inch rainfall event.
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. Describe each procedure below. <i>Revise as procedures are updated.</i> The Village has continued to conduct routine site inspections for construction projects, including implementation of construction site inspection procedures (i.e., field inspection forms). Accordingly, there have been no violations and/or enforcement actions to date. By Village code, the Village has authority to issue stop work orders with respect to construction site stormwater runoff control. A stop work order was issued for Sterling Glen with the violation/issue subsequently resolved.	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities) Example measurable goals are <i>number of: inspections; fines assessed; stop work orders; other sanctions.</i> The Village will continue conducting routine site inspections and enforcement activities with respect to construction site stormwater runoff control. Construction site inspection procedures (i.e., field inspection forms) will be modified, as necessary. The Village will maintain its existing code with authority to issue stop work orders.

Minimum Control Measure 4. Construction Site Stormwater Runoff Control

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

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. <i>Explain the activities and materials used to meet this requirement.</i> <i>Identify the personnel or outside organization conducting this activity.</i> <i>Indicate activities planned for next year.</i>	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
Village code requires submittal of Contractor NOI's and SWPPP's, where applicable. In addition, Village code requires Contractor certification for compliance with all terms and conditions of the submitted SWPPP's.	Established Village code will continue to require submittal of Contractor NOI's and SWPPP's along with Contractor certification of same. (Sterling Glen and Horizon at Roslyn SWPPP's were submitted).
Additional Techniques	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
The Village continued to maintain its stormwater trust fund to allocate capital from sites with limited stormwater storage capacity (i.e., sites with stormwater retention capacity of less than 8 inches as required by the Village and Nassau County) and to provide for improvements to the Village/Nassau County stormwater systems.	The Village will continue to maintain its stormwater trust fund and allocate capital from sites with limited stormwater capacity to provide for necessary improvements to the Village/Nassau County stormwater systems.
Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:	

Minimum Control Measure 5. Post-Construction Stormwater Management

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

Permit Reference IV.C.5.a, c. 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: - A combination of structural and/or non-structural management practices. <i>Identify and describe below procedures to ensure installation of post-construction management practices. Revise as procedures are updated.</i> The Village has completed development of its stormwater Best Management Practices (BMPs) standards to address stormwater runoff from new development and redevelopment. - Procedures for site plan and SWPPP review to ensure SWMPs meet state standards. <i>Describe procedures below. Revise as procedures are updated.</i> Existing Village code requires review of all site plans. In addition, the Village has continued use of Nassau County Department of Public Works Drainage Requirements for the Subdivision of Land and the Hempstead Harbor Protection Committee's "Watershed Runoff Measure Certification" as part of its site plan review process. Village code requires submittal of Contractor NOI's and SWPPP's, where applicable, with Contractor certification for compliance with all terms and conditions of the submitted SWPPP's.	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
	DO NOT ENTER INFORMATION IN THIS CELL
	The Village will continue to maintain and update, as necessary, its stormwater Best Management Practices (BMPs) standards to address stormwater runoff from new development and redevelopment for post construction stormwater management. <i>Example measurable goals include: number of plans received; number of plans reviewed; percent of plans received that are reviewed.</i> Village site plan review utilizing Nassau County's Drainage Requirements for the Subdivision of Land and Hempstead Harbor Protection Committee Watershed Runoff Measure Certification" will continue. The site plan review process with respect to SWMP review will be modified, as necessary and ordinances and standards will be updated accordingly. Village code will continue to require Contractor submittal of NOI's and SWPPP's and certification for compliance with all terms and conditions of the submitted SWPPP's will be enforced.

Minimum Control Measure 5. Post-Construction Stormwater Management

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

Permit Reference IV.C.5.a, c. (continued): Develop and implement a post-construction stormwater management program that addresses stormwater runoff from new development and redevelopment and will reduce the discharge of pollutants to the MEP. Program requirements should include: - Procedures for inspection and maintenance of post-construction management practices. <u>Explain procedures below. Revise as procedures are updated.</u> The Village has continued to conduct routine inspections of post-construction stormwater management practices approved during the site plan review process.	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities) <i>Example measurable goals are number of: inspections maintenance activities performed.</i> The Village will continue to conduct routine inspections of post-construction stormwater management practices to ensure that stormwater runoff from new development and redevelopment will not discharge pollutants. <i>Example measurable goals: number enforcement activities performed.</i> The Village will continue to issue fines and enforce Village code, as necessary, for post-construction stormwater management practices that do not address stormwater runoff from new development and redevelopment.
- Procedures for enforcement and penalization of violators. <u>Explain procedures below. Revise as procedures are updated.</u> As per Village code, the Village has the authority to issue fines and invoke penalties for post-construction stormwater management practices that do not address stormwater runoff from new development and redevelopment.	
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: - Adequate resources for a program to inspect new and re-development sites and for enforcement and penalization of violators. <u>Describe resources below. Update annually.</u> The Village currently has adequate resources to conduct routine inspections of post-construction stormwater management practices of new and re-developed sites within the Village.	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities) DO NOT ENTER INFORMATION IN THIS CELL The Village currently has adequate resources to conduct routine inspections of post-construction stormwater management practices of new and re-developed sites within the Village.
Additional Techniques 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:	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)

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

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

OVERALL MUNICIPAL POLLUTION PREVENTION / GOOD HOUSEKEEPING PROGRAM INFORMATION

- 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)
List pollutants that will be addressed by the municipal pollution prevention program.	
The pollutants addressed by the Village's municipal pollution prevention program include, sediment, floatables and petroleum.	
Set and describe pollution prevention priorities by geographic areas, municipal operation type, and facilities.	DO NOT ENTER INFORMATION IN THIS CELL
All Village municipal operations occur at Village Hall. Village vehicle washing maintenance practices include procedures for capture and proper disposal of runoff and sediment. Village fleet maintenance and catch basin maintenance are outsourced with work being performed in accordance with Phase II Regulations.	The Village will continue its vehicle washing maintenance procedures and outsourcing fleet maintenance and catch basin maintenance programs.
As a SWMP Best Management Practices (BMP) standard, the Village has commenced design of stormwater treatment units (i.e., Vortechnic Units) for the Skillman and Lumber Road outfall pipes which discharge to Hempstead Harbor. These efforts are being funded by grants monies received through the Nassau County Environmental Bond Act.	The Village anticipates completion of the design and commence construction of the stormwater treatment units (i.e., Vortechnic Units) for the Skillman and Lumber Road outfall pipes.
Permit Reference IV.C.6.a: Include a municipal pollution prevention training component for staff (where all staff are trained). - Explain activities and materials used to meet this requirement. - Identify training needs and design training components - Determine the adequacy and appropriate frequency of staff training. - Identify personnel or outside organization conducting activities.	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
The Village has continued providing annual training of Village municipal staff (Mr. Wade Curry and Mr. Adam Neff) through coordination and training programs provided by Nassau County.	As a member of the Nassau County Coalition, the Village will continue to provide pollution prevention training to Village municipal staff by coordinating/attending Nassau County training programs.
The Village fleet maintenance (at a local service station) and catch basin maintenance programs are outsourced with work being performed in accordance with Phase II	The Village will continue to outsource its fleet (at a local service station) and catch basin maintenance programs.

Requirements.	The Village intends to purchase "Municipal SW Pollution Prevention: Storm Watch: Everyday BMPs" DVD and utilize it as an important tool for their pollution prevention training programs.
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: X Street and Bridge Maintenance; X Winter Road Maintenance; X Stormwater System Maintenance; X 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: Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from the municipal operation(s) indicated above to the MEP. • Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities. • Briefly describe or reference any existing policies and procedures • Briefly describe or reference any policies and procedures being developed	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
The Village has continued its municipal operations including provisions for solid waste management; 100% waste oil recycling; annual catch basin inspections and cleaning programs (as required); street sweeping program (i.e., 12 times/year) and; daily emptying of commercial dumpsters. • Briefly describe or reference any existing best management practices • Briefly describe or reference any planned best management practices The Village will investigate the feasibility of installing catch basin inserts along Lumber Road and Skillman Street. • Identify and describe the equipment and staff that are in place	DO NOT ENTER INFORMATION IN THIS CELL The Village will continue to maintain and update it's established municipal operations and maintenance programs to reduce and prevent pollutant discharges from municipal operations.
	DO NOT ENTER INFORMATION IN THIS CELL
	DO NOT ENTER INFORMATION IN THIS CELL

Minimum Control Measure 6. Municipal Operations: ___ Street and Bridge Maintenance; ___ Winter Road Maintenance;

___ Stormwater System Maintenance; ___ Vehicle and Fleet Maintenance; ___ Park and Open Space Maintenance; ___ Municipal Building Maintenance;

___ Solid Waste Management; ___ 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. • <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>	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
	DO NOT ENTER INFORMATION IN THIS CELL
Permit Reference IV.C.6.a: If there is a training component for staff specific to these municipal operations: • <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) The Village intends to purchase "Municipal SW Pollution Prevention: Storm Watch: Everyday BMPs" DVD and utilize it as an important tool for their pollution prevention training programs.
Additional Techniques	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:	

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

<u>No Comments</u> Summary of public comments received on the annual report at the public presentation (Required)
<u>No Comments</u> Intended response to comments on the annual report (Required)
<u> </u> Results of information collected and analyzed, including monitoring data; evaluation of assessment (modeling) of pollutant discharges, including modeling results and pollutant transport trends.
<u> </u> Other _____

APPENDIX A

Draft Nassau County Storm Water Management Program Annual Report

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Phase II SPDES General Permit for

Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4s), GP-02-02
MUNICIPAL COMPLIANCE CERTIFICATION (MCC) FORMRegulated MS4: County of Nassau SPDES Permit Number: NYR20A022

See information packet for information to help complete this form.

MCC Form for year ending: March 9, <u> </u> 2006 (Year 3) <u>X</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>X</u> No			
Name: Kenneth G. Arnold		Title: Sanitary Engineer IV	Department: Public Works
Mailing Address:	Street or P.O. Box: 1194 Prospect Avenue		City: Westbury
	County: Nassau	State: New York	Zip Code: 11590
Phone: (516) 571-6850		E-mail Address: Karnold@nassaucountyny.gov	
Local Stormwater Public Contact (Required by Minimum Measure 2)			
Is information below: 1) new or changed? <u> </u> Yes <u>X</u> No			
2) same as: <u>X</u> Owner/Operator			
Name:		Title:	Department:
Mailing Address:	Street or P.O. Box:		City:
	County:	State:	Zip Code:
Phone: ()		E-mail Address:	
Stormwater Management Program (SWMP) Coordinator (Responsible for implementation/coordination of SWMP)			
Is information below: 1) new or changed? <u> </u> Yes <u>X</u> No			
2) same as: <u> </u> Owner/Operator <u> </u> Local Stormwater Public Contact <u> </u> SWMP Coordinator			
Name:		Title:	Department:
Mailing Address:	Street or P.O. Box:		City:
	County:	State:	Zip Code:
Phone: ()		E-mail Address:	
Annual Report Preparer			
Is information below: 1) new or changed? <u> </u> Yes <u>X</u> No			
2) same as: <u>X</u> Owner/Operator <u> </u> Local Stormwater Public Contact <u> </u> SWMP Coordinator			
Name:		Title:	Department:
Mailing Address:	Street or P.O. Box:		City:
	County:	State:	Zip Code:
Phone: ()		E-mail Address:	

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
East Bay	Pathogens	X	
South Oyster Bay	Pathogens	X	
Middle Bay	Pathogens	X	
East Rockaway Inlet	Pathogens	X	
Reynolds Channel, East	Pathogens	X	
Hempstead Bay	Pathogens	X	
Woodmere Channel	Pathogens	X	
Long Island Sound, Nassau County Waters	Pathogens, PCB's	X	
Manhasset Bay	Pathogens, PCB's	X	
Hempstead Harbor	Pathogens, PCB's	X	
Dosoris Pond	Pathogens	X	
Cold Spring Harbor	Pathogens	X	
Oyster Bay Harbor	PCB's	X	X
Massapequa Reservoir	Chlordane	X	
Freeport Reservoir	Chlordane	X	
Smith/Roosevelt Pond	Chlordane	X	
Lofts Pond	Chlordane	X	
Smith Pond	Chlordane	X	
Halls Pond	Chlordane	X	
Grant Park Pond	Phosphorus	X	
Whitney Lake	Chlordane	X	
Glen Cove Creek	PCB's	X	
Hempstead Lake	Phosphorous	X	
East Meadow Brook	Silt/Sediment	X	
Mill Neck Creek	PCB's	X	
Ridders Pond	Chlordane	X	
Little Neck Bay	Pathogens, PCB's	X	

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

☒ Yes
☐ No

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

☒ Yes
☐ No (explain below)

Explanation:

Section C. Partnership Information

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

See attached list.

List MS4 Partners with Planned Legally Binding Agreements or Contracts

N/A

List MS4 Partners with Other Agreements in Place

South Shore Estuary Reserve Council
Long Island Sound Study Citizens Advisory Committee
Manhasset Bay Protection Committee
Hempstead Harbor Protection Committee
Meadowbrook Task Force

Section C Attachment:

List of MS4 Partners with Agreements:

City of Glen Cove NYR20A100
City of Long Beach NYR20A189
County of Nassau NYR20A022
Town of Hempstead NYR20A390
Town of North Hempstead NYR20A318
Town of Oyster Bay NYR20A371
Village of Atlantic Beach NYR20A097
Village of Baxter Estates NYR20A174
Village of Bayville NYR20A304
Village of Bellerose NYR20A388
Village of Brookville NYR20A439
Village of Cedarhurst NYR20A010
Village of Cove Neck NYR20A440
Village of East Rockaway NYR20A410
Village of East Hills NYR20A001
Village of Floral Park NYR20A347
Village of Flower Hill NYR20A171
Village of Garden City NYR20A070
Village of Great Neck NYR20A453
Village of Great Neck Estates NYR20A321
Village of Great Neck Plaza NYR20A366
Village of Hewlett Bay Park NYR20A085
Village of Hewlett Harbor NYR20A062
Village of Island Park NYR20A384
Village of Kensington NYR20A452
Village of Kings Point NYR20A451

Municipality: County of Nassau

Permit Number: NYR20A022

Village of Lake Success NYR20A034

Village of Lattingtown NYR20A

Village of Laurel Hollow NYR20A441

Village of Lawrence NYR20A336

Village of Lynbrook NYR20A169

Village of Malverne NYR20A450

Village of Manorhaven NYR20A338

Village of Massapequa Park NYR20A063

Village of Matinecock NYR20A437

Village of Mill Neck NYR20A449

Village of Mineola NYR20A111

Village of Muttontown NYR20A448

Village of New Hyde Park NYR20A014

Village of Old Brookville NYR20A447

Village of Old Westbury NYR20A434

Village of Plandome NYR20A066

Village of Plandome Heights NYR20A162

Village of Plandome Manor NYR20A360

Village of Port Washington North NYR20A438

Village of Roslyn NYR20A071

Village of Roslyn Estates NYR20A446

Village of Roslyn Harbor NYR20A059

Village of Russell Gardens NYR20A016

Village of Saddle Rock NYR20A445

Village of Sands Point NYR20A444

Village of Sea Cliff NYR20A075

Village of South Floral Park

Village of Stewart Manor NYR20A011

Village of Thomaston NYR20A443

Village of Upper Brookville NYR20A442

Village of Valley Stream NYR20A002

Village of Westbury NYR20A408

Village of Williston Park NYR20A068

Village of Woodsburgh NYR20A107

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

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

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

Explain:

Section E. Funding and Resource Allocation

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

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

Explain:

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

Explain:

Municipal Budget:

Nassau County Operating Budget

Source: Nassau County General Operating Funds

Estimated Amount: \$1,000,000

Funding Frequency: Annual Basis

Nassau County Storm Water Management Program Budget

Source: Capital Project Funds

Estimated Amount: \$700,000

Funding Frequency: part of the Annual Capital Project Appropriation

Grants: Implementation of the Nassau County Storm Water Management Program

Source: NYS Department of Environmental Conservation

Estimated Amount: \$500,000.00

Funding Frequency: Apply for grants on annual basis or as announced.

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

Explain: N/A

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:	☒ Yes	☐ No	☐ N/A	☒ Yes	☐ No	☐ N/A
IV.C.2.	Public Involvement / Participation Explain 'no' / 'N/A' answer:	☒ Yes	☐ No	☐ N/A	☒ Yes	☐ No	☐ N/A
IV.C.3.	Illicit Discharge Detection and Elimination Explain 'no' / 'N/A' answer:	☒ Yes	☐ No	☐ N/A	☒ Yes	☐ No	☐ N/A
IV.C.4.	Construction Site Stormwater Runoff Control Explain 'no' / 'N/A' answer:	☒ Yes	☐ No	☐ N/A	☒ Yes	☐ No	☐ N/A
IV.C.5.	Post-Construction Stormwater Management Explain 'no' / 'N/A' answer:	☒ Yes	☐ No	☐ N/A	☒ Yes	☐ No	☐ N/A
IV.C.6.	Pollution Prevention / Good Housekeeping for Municipal Operations Explain 'no' / 'N/A' answer:	☒ Yes	☐ No	☐ N/A	☒ Yes	☐ No	☐ N/A

Certification Statement

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print Name: Peter J. Gerbasi Title: Deputy County Executive

Signature: _____ Date: 4/17/07

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 VII.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.**

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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

Regulated MS4: County of Nassau

SPDES Permit Number: NYR20A022

Annual Report Table for year ending: March 9, 2006 (Year 3) X 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.

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 storm water discharges to the maximum extent practicable (MEP). • <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>	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
• The focus of the County's public education and outreach initiative is threefold: (1) Target the general public, making the information available/accessible to them in multiple venues. (2) Draw attention to "high risk" activities. (3) Place emphasis on priority water bodies. To that end, a "clearinghouse" of educational materials was created and was used to disseminate information to targeted groups/community activities. Brochures were developed, a bookmark was created and display stands were distributed. Logo contest winners' posters (see MCM 2) have been made into coloring book pages while their slogans were used on educational brochures. Educational materials were also distributed to environmentally oriented fairs, festivals and teacher/school programs, as well as to local environmental groups. • NCSWCD devised the topic "Water Stewardship in a Changing Climate" for the 2006 Long Island Regional Envirothon. Activities covered relevant topics including marine education, preserve clean-ups, health and safety, landscaping, and teacher education.	• All educational material development and distribution activities are ongoing tasks. • The "Clearinghouse" distributed about 10,000 pieces of educational material and 4 brochure stands to 36 coalition members, local environmental groups, and libraries. Year 5 Goal: distribute an additional 10,000 handouts, including the replenishment of about 2000 library bookmarks. • County personnel participated in 17 separate speaking engagements or fairs/festivals reaching over 2,200 adults and children. Year 5 Goal: 12 Fairs/Festivals and 5 speaking engagements. • Approximately 20 students from 4 Nassau County High Schools participated in the 2006 L.I. Regional Envirothon, an outdoor, hands-on, environmental/natural resources competition.

• Carousel stands stocked with brochures, posters and other handouts were distributed to 2 Villages and the City of Long Beach. • Over 1500 "Storm drain awareness" medallions were distributed to our municipal partners in Year 4, 500 more than projected. • 2 additional Adopt-A-Waterway (AAW) signs were installed along major roadways throughout the County. • A transition from the AAW Program to the EcoZone Program was begun in Year 4: 1) EcoZone expands the AAW Program to address under-funded regional programs that manage energy conservation, air quality and green space preservation as well as water quality issues. 2) The program will now include large national companies to complement the local sponsors already onboard.	• Year 5 Goal: 5 additional brochure display stands – stocked with educational materials - will be given to the remaining Towns and various Villages and the Nassau County Office of Consumer Affairs. • Year 5 Goal: distribute an additional 1000 storm drain medallions to various municipal partners. • Year 5 Goal: 20 new EcoZone signs in addition to the 20 now located throughout the County.
• Nassau County DPW personnel manage the "clearinghouse", develop brochures and bookmarks, procure storm drain medallions and display stands, hold the Logo Contest, manage the EcoZone program and keep the Nassau County storm water website up to date. We distribute educational materials with the assistance of our municipal partners, the Friends of the Bay, South Shore Estuary Reserve, Operation SPLASH, Hempstead Harbor Protection Committee, Sierra/Lions Club, Long Island Sound Study, the Meadowbrook Task Force and the Manhasset Bay Protection Committee.	• This is an ongoing program that will continue to be managed by Nassau County personnel with the cooperation of the members of the Storm Water Coalition and the community groups listed. • Held a meeting of the Nassau County Storm Water Coalition on January 23, 2007 at the Freeport recreation Center to discuss all aspects of the Phase II Program, including the ongoing Public Education Program.

• The brochures "Storm Water Management Practices for Businesses" and "Storm Drain Awareness for Nassau County Homeowners" were developed by County Personnel and distributed. • Additionally, a newly designed, Nassau County-specific bookmark was designed and is being dispatched to replenish those given to the 53 libraries in Year 3. • Nassau County Soil & Water Conservation District Manager is pursuing certification as a Professional in Erosion & Sediment Control.	• Year 5 Goal: to present the NCSWMP to the Nassau County Council of Chambers of Commerce and distribute 5,000 copies of our "Storm Water Management Practices for Businesses" brochure. • Year 5 Goal: to get several Nassau County Department of Public Works personnel certified as Erosion & Sediment Control Professionals.
Additional Techniques • The Nassau County Storm Water Management Program web page, www.nassaucountyny.gov/agencies/DPW/stormwater.html, is kept up to date with information pertaining to the Logo Contest, the Adopt-A-Waterway program, links to a list of our municipal partners, prior annual reports and the Illicit Discharge Hotline. Informative links that correspond to the six (6) required Minimum Control Measures that make up the NCSWMP, are slated for Year 5. • Purchased two (2) additional DVDs entitled "Municipal Storm Water Pollution Prevention: Storm Watch; Everyday BMPs" for use in municipal personnel training. • Nassau County submitted an application for a State Assistance Grant for the continued implementation of the MS-4 Phase II Storm Water Program. One of the goals of this grant was to implement a storm water education curriculum at local science centers, thus educating children via a hands-on exhibit. Unfortunately, this application was denied.	Describe Measurable Goals and Results (when applicable) <i>Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</i> • The webpage will be updated with each new brochure, annual report, etc. as an ongoing task. Year 5 Goal: links from each of the six (6) required Minimum Control Measures should be in place by summer 2007. • Year 5 Goal: train all relevant Nassau County Facilities/Fleet Management personnel. • Year 5 goal: distribute training DVD to 10 municipal partners to enable them to train their workers.
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 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.

Permit Reference IV.C.2.c.iii.: Design and conduct a public involvement / participation program. <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>	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
• Distribution of Nassau County Soil and Water Conservation District Newsletter: • Next year we plan to continue newsletter publication and distribution on a quarterly basis.	• October 2006 Article reached 1300 contacts pertaining to Storm Water, Storm Water training and District Activities. Ongoing Task. Next years activities include quarterly newsletters of the Soil and Water Conservation District Newsletter in the spring, summer, fall and winter. Year 5 Goal: mail newsletter to 1500 contacts.
• Goose Management Program Implemented. • Next year we plan on conducting goose management initiatives beginning in April and continue through the summer.	• Egg Oiling Program begins every April. During year 4 reporting period 676 eggs were oiled by the Nassau County Parks and Recreation, and Public Works Departments. Site aversion techniques occurred during the summer after the molt. This is an ongoing task. Will continue working with the USDA to implement additional Goose Management initiatives beginning April 2007. • Year 5 Goal: 800 eggs oiled.
• Storm Water Contact Person Identified. • Completed	• Kenneth G. Arnold, P.E., Completed in Year One of the program. Ken will be the storm water contact through the reporting period.
• Continue to sit on watershed organization committees for: Hempstead Harbor Protection Committee, Manhasset Bay Protection Committee, South Shore Estuary Reserve Council and the Long Island Sound Study. We also work with Friends of the Bay, in Oyster Bay and Operation Splash, in Freeport. • Next year we will continue our participation on the committees.	• Attended quarterly meetings with the protection committees during reporting year. This is an ongoing task, of which, the goal is to continue to participate on these committees through the next reporting year.
• Attitude Surveys: An Eagle Scout conducted an assessment survey in the Hempstead Harbor and Oyster Bay Harbor Watershed. • Next years activity includes conducting another survey to targeted neighborhoods.	• A home assessment survey was distributed to and filled out by approximately 232 homeowners in the Hempstead Harbor and Oyster Bay Harbor Watersheds during reporting year 4. The survey centered on practices around the home relative to Storm Water Runoff. An educational packet was also enclosed with the survey. This will be an ongoing task in the

• Adopt-A-Stream, Stream, Beach Cleanups: Cleanups occur year round at various Nassau County locations. • Next years activity is to clean up to 25 beaches countywide.	next reporting year. Another survey will be distributed during the second half of the reporting year.
• Storm Drain Stenciling Program: Creation of Medallions for distribution. • Next year we plan on distributing the 1000 medallions to local municipalities and civic groups.	• In Nassau County for 2006, a total of 22 beach locations were cleaned. A total of 933 volunteers cleaned approximately 22 linear miles of beach County-wide. A total of 10,780 pounds of trash were collected. This is an ongoing program that typically occurs around Earth Day of each year. Year 5 Goal: 25 beaches cleaned.
• Preserve/Park/Stream Cleanups occurred at the Roosevelt Preserve within Nassau County. • Next years activity includes continuing preserve cleanups and making every effort to increase the number of preserve cleanups.	• In the Year 4 reporting year, Nassau County distributed 1500 medallions to be installed on Municipal owned catch basins. This was 500 more than anticipated. Local municipalities may request the medallions from the County to be used within their respective jurisdictions. The local villages then could give the medallions to civic groups to install. Ongoing Program. Year 5 Goal: distribute another 1000 medallions.
• Conducted another Nassau County Logo Contest in reporting year 4. • Next years activity includes continuing the Logo contest.	• In September of 2006 the Department of Public Works and the Recreation and Parks Department joined forces to remove over 100 cubic yards of trash and debris from the stream and adjacent wooded areas within the Roosevelt Preserve. In an effort to reduce dumping within the preserve in the future, the County installed Bollards at an access point that was constantly used by people dumping debris at this location. This is an ongoing program. Next years goal is to increase preserve clean ups.
• Wetland Plantings: Work is continuing at Silver Lake, Lofts Pond and Mill Pond. • Construction at Roosevelt Pond expected to begin in the Spring of 2007. Work will be complete at Silver Lake, Lofts Pond and Mill Pond during by the end of 2007.	• The first annual Storm Water Logo contest continued in reporting Year 4. The County received a number of entries from children County-wide. One winner was chosen. The winning logo is presently being used on storm water brochures, posters, coloring books and pamphlets throughout the County. This is an ongoing annual event and we will continue the contest during Year 5.
	• The Silver Lake, Lofts Pond, Mill Pond Project commenced construction during reporting Year 3. Our goal is to complete construction at all of these locations by the end of 2007. These are large-scale projects that required time to finish. It is anticipated that construction to restore Roosevelt Pond will commence during spring of 2007. The pond rehabilitation work is an annual and ongoing program.

- Nassau County Environmental Bond Act Voter Referendum Program. - Next years activities include getting the storm water projects into the design phase and retain a consultant to manage the entire Nassau County Bond Act Program.	The voters of Nassau County overwhelmingly approved a second Environmental Bond Program during reporting Year 4 whereby the public recommends various environmental Improvement Projects. The funding for the second program was doubled to \$100 million. Presently, RFP's are being evaluated to retain a consultant to manage the first Environmental Bond Act that was worth \$50 million.
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> Nassau County Storm Water Website with updates throughout the reporting year. Annual report to be delivered to the public on May 9th, 2007 before the Nassau County Legislature. County continues to handle Freedom of Information Requests as necessary.	
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:	
Comments on Annual Report Meeting ___ No public comments received on Annual Report. ___ Comments received. Attach summary of comments and intended responses.	Date of Annual Report Meeting: May 9th, 2007 Approximate Date of Meeting Next Year: May 2008
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:	

Comments made at the Special Legislative Hearing, 5/9/2007:

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.

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. <i>Explain the activities and procedures used to meet this requirement this year and planned for next year.</i> <i>Revise as procedures are updated.</i> <i>Identify personnel or outside organization conducting the activities</i>	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities) <i>Example measurable goals: number of illicit discharges detected; number of illicit discharges eliminated.</i>
Transmitted Drainage Use Ordinance to Nassau County Attorney's Office for formal submittal to Nassau County Legislature. Provided our local partners with a draft copy of County local law that they can adopt for their respective municipalities as well as NYS Model Ordinance it is based on.	Goal: to be adopted by Nassau County legislature by late summer/early fall 2007.
Continued the dry weather sampling program in Year 4 by sampling 44 different locations in the spring and fall of 2006. We used this data to screen all major drainage corridors for illicit discharges.	- Completed November 2006. - Measurable goal: sample all 44 stream locations in spring and-fall 2007.
Conducted dye tests in sanitary sewer lines in close proximity to 2 streams that had exhibited high pathogen levels during Year 3 sampling.	Completed September 2006. Did not detect a connection/flow from the sanitary sewer to the streams
Continued re-inspection of dry weather flow outfalls identified in early 1990's.	- Completed in October 2006. - Worked with the NCPD Marine Unit to gain access to several outfalls on the south shore. Sampled dry weather flow from 3 of the outfalls. All appear to be clean groundwater discharge. All the remaining outfalls were not flowing or could not be located.
Maintain Illicit Discharge Hotline (516-571-6863). 24 hour telephone number that is listed on the County Storm Water website	- Ongoing task. - Received 3 calls from citizens on the hotline number. We did however receive 12 calls on our regular phone number from citizens, NC Road Maintenance, Construction Inspectors and Police personnel.
Added detergent test for methylene blue active substances (MBAS) to our routine stream sampling analysis to check for septic system connections/discharges.	- Used the test on the samples from all 44 stream locations but did not see any indications of septic waste in any of the samples. - Measurable Goal: perform test on all 44 locations in 2007.

• Work being done by Nassau County Department of Public Works personnel including summer interns.	• Ongoing.
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> • 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>	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities) • <i>Example measurable goals: percent of outfalls mapped</i>
• Developed GIS map of all watersheds and outfalls within Nassau County. • Work by Cashin Associates, Hauppauge, NY started in the fall 2006. Work includes the tributaries of Oyster Bay Harbor and the East Bay. These streams will be walked and any dry weather flow noted and then investigated by County personnel. A procedure manual will be developed and shared with all the municipal partners in the Coalition that will incorporate ORI, GIS mapping and watershed vulnerability analysis. • Use summer interns to do an Outfall Reconnaissance Inventory (ORI) of the East Meadow Brook. • Continue the ORI program with County personnel and summer interns.	• Completed in Year 1. • 90% of the fieldwork completed. The mapping of the 2 watersheds is 50% completed. • Measurable Goal: to have the Procedures Manual available to the coalition members by the end of Year 5. • Task completed in December 2006. • Measurable Goal: complete ORI's on Elmont Drain and Milburn Creek by November 2007.

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? ☐ No (go to ADDENDUM 1) ☒ Yes (complete questions below)	
Assessment of Regulatory Mechanism (Local Code)	
1) When was this assessment completed or planned to be completed?	Date completed: February 2006 ☐ Not yet completed (proceed to next table) ☐ Plan to complete for reporting in year: ☒ 4; ☐ 5.
2) Is there an existing ordinance, local law or other regulatory mechanism?	☐ No (go to question 5) ☒ Yes
3) Does the existing regulatory mechanism prohibit illicit discharges as required by the MS4 Permit?	☒ No (amendments needed) ☐ Yes
4) Does the existing regulatory mechanism include enforcement authorities and procedures as required by the MS4 Permit?	☒ No (amendments needed) ☐ Yes
Development of Regulatory Mechanism (Local Codes)	
5) When was this work completed or planned to be completed?	Date completed: ☒ Not yet completed (proceed to next table) ☐ Plan to complete work below for reporting in year ☐ 4; ☒ 5.
6) If you answered 'No' to question 1, 2 or 3, what regulatory mechanism or amendments will be adopted to meet the MS4 permit requirements?	☐ NYS IDDE Model Law in its entirety ☒ Selected NYS IDDE Model Law articles adopted as amendments to existing code(s) that are equivalent to the NYS IDDE Model Law ☒ 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?	☒ No ☐ 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?	☐ NYS IDDE Model Law in its entirety ☐ Selected NYS IDDE Model Law articles adopted as amendments to existing code(s) that are equivalent to the NYS IDDE Model Law ☐ Language equivalent to NYS IDDE Model Law
9) What was the date or is the planned date of local law adoption?	Date: September 2007
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.

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. <i>Explain activities and materials used to meet this requirement this year and planned for next year</i> <i>Identify personnel or outside organization conducting activities</i>	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
Continue to train County employees by showing the DVD entitled "Municipal Storm Water Pollution Prevention: Storm Watch: Everyday BMP's". Two additional copies have been purchased by Nassau County to be shared with coalition members.	- DVD was viewed by 60 Nassau County Parks personnel in Year 4. Three (3) members of the coalition also used the DVD to train their employees. - Measurable Goal: have DVD viewed by all relevant County Facilities Management/Fleet Management personnel and distribute copies to 10 of our municipal partners for use in training their employees.
Have brochure "Storm Water Management Practices for Landscape Maintenance" distributed through Nassau County Consumer Affairs to landscapers during license renewal.	Ongoing: brochure now included in licensing package.
Developed two additional brochures – "Storm Water Management Practices for Businesses" and "Storm Drain Awareness for Nassau County Homeowners" as well as a new bookmark	- Ongoing: distribute brochures to target audiences via Nassau Council of Chambers of Commerce, fairs, festivals and local municipal partners. The bookmark is being placed in every library in Nassau County to replace an EPA bookmark previously distributed. - Goal: to have new bookmark in every library by the end of Year 5.
Held a meeting of the Nassau County Storm Water Coalition on January 23, 2007 at the Freeport recreation Center to discuss all aspects of the Phase II Program, including the ongoing IDDE Program.	Ongoing: will continue to work with our municipal partners in educating our employees, businesses and the public by meeting periodically to share information.
Plan to update website with additional information regarding dumping and illicit discharges.	Measurable Goal: establish a link from website homepage to an expanded MCM 3. This was a Year 4 goal that will be completed by the summer 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:

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

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

Does the MS4 have the legal authority to enact land use ordinances, local laws or other regulatory mechanisms?	☒ No (go to ADDENDUM 2) ☐ Yes (complete questions below)
Preliminary Assessment of Regulatory Mechanism (Local Code)	
1. When was the preliminary assessment of existing local codes completed or when will it be completed?	Date completed: Not yet completed (proceed to next table) Plan to complete for reporting in year: 4; 5. ☐ Did not do preliminary assessment; proceeded directly to Gap Analysis Worksheets 1-4 or adopted <i>Sample Local Law for Stormwater Management and Erosion & Sediment Control</i> (Sample Local Law).
2. If preliminary assessment was completed, indicate the results.	☐ If none of Sample Local Law provisions appear in local code; consider adopting Sample Local Law or equivalent ☐ If few Sample Local Law provisions appear in local code; major revisions needed or consider adopting Sample Local Law or equivalent ☐ If most of the Sample Local Law provisions appear in local code; minor revisions needed
Assessment and Development of Regulatory Mechanism (Local Code) (continued on next page)	
3. When was the Gap Analysis or equivalent process completed or when will it be completed?	Date completed: Not yet completed (proceed to next table) Plan to complete work below for reporting in year: 4; 5.
4. How was the local code adopted or how will it be adopted*? <i>*If MS4 has some existing local code equivalent to the Sample Local Law and adopted parts of the Sample Local Law as amendments to make a complete local code, check b and c.</i>	a. ☐ The entire Sample Local Law adopted as amendments to existing code or as stand alone law. • ☐ If no portions of the Sample Local Law were moved or deleted, all provisions would be exactly the same as the Sample Local Law. • ☐ If ANY provisions of the Sample Local Law were moved or deleted, the moved or changed provisions must be reviewed (use the <i>Gap Analysis</i> or equivalent process) to ensure the intent of the law has not been changed. b. ☐ Parts of NYS Sample Local Law adopted as amendments to existing code. c. ☐ Language developed by municipality was demonstrated to be equivalent.

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)
1		Sample Local Law or equivalent language to be adopted , listed as legislative agenda items.
2		
3, 4, 5		
6		
TOTAL		
6. Has a list of needed changes (legislative agenda) been developed for adoption of amendments to local codes (or for deletion of existing codes that are addressed by adoption of a stand alone law)?		☐ No ☐ Yes, list the local codes that will be changed:
7. What was the date or is planned date of local code adoption?		Date:
8. Provide a web address if the adopted local law can be found on a web site.		Web Address:

Minimum Control Measure 4. Construction Site Stormwater Runoff Control

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

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. <i>Describe the procedures below. <u>Revise as procedures are updated.</u></i>	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities) <i>Example measurable goals: number of plans received; number of plans reviewed; percent of plans received that are reviewed.</i>
Permit Reference IV.C.4.b. vi: Develop and implement procedures for the receipt and consideration of information submitted by the public. <i>Explain the procedures below. <u>Revise as procedures are updated.</u></i> <i>Identify the responsible personnel or outside organizations.</i>	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)

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.

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. <i>Describe each procedure below. <u>Revise as procedures are updated.</u></i>	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities) <i>Example measurable goals are number of: inspections; fines assessed; stop work orders; other sanctions.</i>
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. <i>Explain the activities and materials used to meet this requirement.</i> <i>Identify the personnel or outside organization conducting this activity.</i> <i>Indicate activities planned for next year.</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 5. Post-Construction Stormwater Management Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.	
Permit Reference IV.C.5.a, c. Develop and implement a post-construction stormwater management program that addresses stormwater runoff from new development and redevelopment and will reduce the discharge of pollutants to the MEP. Program requirements should include:	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
- A combination of structural and/or non-structural management practices. - Identify and describe below procedures to ensure installation of post-construction management practices. <u>Revise as procedures are updated.</u>	DO NOT ENTER INFORMATION IN THIS CELL
- Procedures for site plan and SWPPP review to ensure SWMPs meet state standards. - Describe procedures below. <u>Revise as procedures are updated.</u>	Example measurable goals include: number of plans received; number of plans reviewed; percent of plans received that are reviewed.

Minimum Control Measure 5. Post-Construction Stormwater Management

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

Permit Reference IV.C.5.a, c. (continued): Develop and implement a post-construction stormwater management program that addresses stormwater runoff from new development and redevelopment and will reduce the discharge of pollutants to the MEP. Program requirements should include:		Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
- Procedures for inspection and maintenance of post-construction management practices. <u>Explain procedures below. Revise as procedures are updated.</u>		<i>Example measurable goals are number of: inspections maintenance activities performed.</i>
- Procedures for enforcement and penalization of violators. <u>Explain procedures below. Revise as procedures are updated.</u>		<i>Example measurable goals: number enforcement activities performed.</i>

Minimum Control Measure 5. Post-Construction Stormwater Management

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

Permit Reference IV.C.5.a, c. (continued): Develop and implement a post-construction stormwater management program that addresses stormwater runoff from new development and redevelopment and will reduce the discharge of pollutants to the MEP. Program requirements should include:		Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
- Adequate resources for a program to inspect new and re-development sites and for enforcement and penalization of violators. <u>Describe resources below. Update annually.</u>		DO NOT ENTER INFORMATION IN THIS CELL
Additional Techniques		Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:		

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

OVERALL MUNICIPAL POLLUTION PREVENTION / GOOD HOUSEKEEPING PROGRAM INFORMATION

- 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. - List pollutants that will be addressed by the municipal pollution prevention program. - Sediment, Petroleum and Salt - Set and describe pollution prevention priorities by geographic areas, municipal operation type, and facilities. - Hired consultant Dvirka and Bartilucci, Woodbury, NY to perform assessment of County procedures, practices, etc. pertaining to storm water pollution. Departments included in the study are Public Works, Parks and Recreation, Police and Sheriffs. - Dvirka and Bartilucci will be generating generic SWPPP for distribution and use by our municipal partners throughout Nassau County. There will be separate generic plans for activities and facilities such as road maintenance, golf course maintenance, swimming pool operations, building maintenance and fleet maintenance. - Dvirka and Bartilucci will be making recommendations pertaining to catch basin cleaning, street sweeping, sand and salt use and Integrated Pest Management.	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities) DO NOT ENTER INFORMATION IN THIS CELL - Measurable Goal: to be completed by the end of Year 4. - Reports are in final review and will be available by the summer of 2007. - Measurable Goal: to be distributed to all municipal partners by the end of Year 4. - Reports are in final review and will be available by the summer of 2007. - Measurable Goal: to be completed by the end of Year 4. - Reports are in final review and will be available by the summer of 2007.
Permit Reference IV.C.6.a: Include a municipal pollution prevention training component for staff (where all staff are trained). - Explain activities and materials used to meet this requirement. - Identify training needs and design training components - Determine the adequacy and appropriate frequency of staff training. - Identify personnel or outside organization conducting activities. - Purchased DVD entitled "Municipal Storm Water Pollution Prevention: Storm Watch: Everyday BMP's" that was viewed by 132 County Road Maintenance personnel. Training done by County employees. - There is a need to distribute the training DVD to our municipal	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities) - Measurable Goal: have DVD viewed by all relevant County Parks personnel. Completed March 2007. - Measurable Goal: have DVD viewed by all relevant County Facilities Management and Fleet Management personnel. - Measurable Goal: distribute a copy to 10 of our municipal

partners. Two (2) additional copies of the DVD were purchased and will be made available to our municipal partners throughout Year5.	partners for use in training their employees. Three (3) partner municipalities used the DVD to train their employees in Year 4. Measurable Goal: distribute a copy to 10 of our municipal partners for use in training their employees.
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 work being done by our consultant, Dvirka and Bartilucci has been delayed due to a longer than expected review time within the County's various agencies. While we had expected to have final copies of the SWPPP's and the BMP Manual ready for distribution within the County and to our municipal partners by the end of Year 4, the additional time taken will insure that the most current BMP's will be employed throughout Nassau County.	

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

• Copy this page and give it to each municipal office or department responsible for reporting. • Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department. • Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures. • Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.	
Permit Reference IV.C.6.a, c: Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from the municipal operation(s) indicated above to the MEP.	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
• Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities.	
• 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
• Every County road is swept once/month at a minimum, with increased frequency during spring cleanup. • Catch basins are cleaned based upon need. • All County roads are driven daily by a Labor Supervisor and inspected for debris, flooding, illicit discharges, etc. • Hired consultant Dvirka and Bartilucci, Woodbury, NY to perform assessment of County procedures, practices, etc. pertaining to storm water pollution.	• Ongoing task.
	• Will have recommendations by end of Year 4. • Reports are in final review and will be available by the summer of 2007.
• 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
• Road Maintenance mechanically swept 28,088 lane miles in 2006. • Road Maintenance cleaned 972 catch basin chambers in 2006. • Road Maintenance removed 1835 cubic yards of debris from off-road locations in 2006.	• Ongoing task.
• Identify and describe the equipment and staff that are in place • 2 guzzler trucks, 19 mechanical sweepers and 5 "clamshell" type catch basin cleaners. Staffing varies throughout the year.	DO NOT ENTER INFORMATION IN THIS CELL
	• 2 payloaders were purchased in 2006. • A NYSDEC Storm Water Grant for \$350,000 was approved for the purchase of 2 new guzzler trucks.

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:

• 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. • <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> • Hired consultant Dvirka and Bartilucci, Woodbury, NY to perform assessment of County procedures, practices, etc. pertaining to storm water pollution.	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities) DO NOT ENTER INFORMATION IN THIS CELL • Will have recommendations by the end of Year 4. • Reports are in final review and will be available by the summer of 2007.
Permit Reference IV.C.6.a: If there is a training component for staff specific to these municipal operations: • <i>explain the activities and materials;</i> • <i>identify the personnel or outside organization conducting the activities.</i> • Purchased DVD entitled "Municipal Storm Water Pollution Prevention: Storm Watch: Everyday BMP's" that was viewed by 132 County Road and Drainage Maintenance personnel. Training done by County employees.	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities) • Completed in Year 3.
Additional Techniques • The County is evaluating catch basin inserts manufactured by Fabco and Abtech that filter floatables, sediment, petroleum, metals and pathogens. Currently installed in Bellmore and Bayville. • Our consultant will be developing standard specifications and drawings for various BMP's that will be included in future road projects and will also be available to our municipal partners.	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities) • Measurable Goal: decide which unit (s) work best and whose maintenance schedule is achievable with the limited personnel currently employed. The evaluation is ongoing due to the manufacturers changing the specifications of the units. • Will have recommendations by the end of Year 4. • Reports are in final review and will be available by the summer of 2007.

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;

___ Solid Waste Management; ___ Other: ___

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

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

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

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

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

- Trash racks throughout the County are cleaned prior to and after significant precipitation.
- Streams, ditches and culverts are cleaned based upon need.
- The following structural BMP's are cleaned on a scheduled basis (annual, bi-annual or post-rain events):
Baxter Pond Sediment Basin
Smith Street (Newbridge Creek) Sediment Basin and Floatable Collection Boom
Pines Brook Sediment Basin and Floatable Collection Boom
Baldwin Drain Trash Rack
Milburn Creek Sediment Basin-Brookside Drive
Milburn Creek Sediment Basin-Circle Drive
Milburn Pond Sediment Basin
Milburn Pond Sediment Chamber
Glen Cove Marina Stormceptor Unit
Sea Cliff Stormceptor Unit

DO NOT ENTER INFORMATION IN THIS CELL

- Ongoing Task.

Hired consultant Dvirka and Bartilucci, Woodbury, NY to perform assessment of County procedures, practices, etc. pertaining to storm water pollution.	- Will have recommendations by end of Year 4. - Reports are in final review and will be available by the summer of 2007.
<i>Briefly describe or reference any existing best management practices</i> <i>Briefly describe or reference any planned best management practices</i> - Drainage Maintenance spent 1494 man hours removing debris from trash racks in 2006. - Drainage maintenance spent 6303 man hours removing debris from storm drains in 2006.	DO NOT ENTER INFORMATION IN THIS CELL Ongoing tasks.
<i>Identify and describe the equipment and staff that are in place</i> 1 lighting loader, 2 bull dozers, 2 excavators and 3 skid steer vehicles Staffing varies throughout the year.	DO NOT ENTER INFORMATION IN THIS CELL Equipment purchased in Year 4 included: 1 bulldozer, 1 excavator and 1 crawler carrier.

Minimum Control Measure 6. Municipal Operations:

X Stormwater System Maintenance; ___ Vehicle and Fleet Maintenance; ___ Street and Bridge Maintenance; ___ Winter Road Maintenance; ___ Solid Waste Management; ___ Park and Open Space Maintenance; ___ Municipal Building Maintenance; ___ 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.	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
<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> - Hired consultant Dvirka and Bartilucci, Woodbury, NY to perform assessment of County procedures, practices, etc. pertaining to storm water pollution.	DO NOT ENTER INFORMATION IN THIS CELL - Will have recommendations by the end of Year 4. - Reports are in final review and will be available by the summer of 2007.

Permit Reference IV.C.6.a: If there is a training component for staff specific to these municipal operations: • <i>explain the activities and materials;</i> • <i>identify the personnel or outside organization conducting the activities.</i> • Purchased DVD entitled "Municipal Storm Water Pollution Prevention: Storm Watch: Everyday BMP's" that was viewed by 132 County Road and Drainage Maintenance personnel. Training done by County employees. • Additional training on sediment and erosion control will be given by County personnel to the members of the County Drainage Maintenance Unit.	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities) • Completed in Year 3. • Measurable Goal: this additional training was not completed in Year 4. This is now a Year 5 goal.
Additional Techniques An additional task has been assigned to our consultant, which will look at current equipment and manpower capabilities and develop an annual storm sewer maintenance program as well as a system for data management to aid in NYSDEC reporting requirements	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities) • Year 5 Goal: to be completed by the end of the year.
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:

• 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.	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
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. • <i>Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities.</i>	

DO NOT ENTER INFORMATION IN THIS CELL	
- Briefly describe or reference any existing policies and procedures - Briefly describe or reference any policies and procedures being developed	Ongoing tasks.
- Salt is stored in salt domes immediately after delivery at the 7 main road maintenance facilities. - Sand is used in a mix with salt only when the temperature falls below 25 degrees Fahrenheit. - Sand and salt use is monitored by garage, truck and route to track where the material is being used throughout the County. - Crews are called out one hour prior to rush hour storms to treat roads before snow accumulates and thus using less salt later in the storm.. - The County is phasing out conventional spreaders in favor of "Flo N' Dump" spreaders which have the ability to regulate the amount of sand and salt deposited on the roadway. - Hired consultant Dvirka and Bartilucci, Woodbury, NY to perform assessment of County procedures, practices, etc. pertaining to storm water pollution.	- Will have recommendations by end of Year 4. - Reports are in final review and will be available by the summer of 2007.
DO NOT ENTER INFORMATION IN THIS CELL	
- Briefly describe or reference any existing best management practices - Briefly describe or reference any planned best management practices	- Ongoing task. - Will have recommendations by the end of Year 4. - Reports are in final review and will be available by the summer of 2007.
- Salt at all road maintenance facilities is stored in domes. - Planned BMP's are to be determined by our consultant.	
DO NOT ENTER INFORMATION IN THIS CELL	
- Identify and describe the equipment and staff that are in place - Approximately 125 vehicles used in salt/sand application.	

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: _____

• 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. • <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> • Hired consultant Dvirka and Bartilucci, Woodbury, NY to perform assessment of County procedures, practices, etc. pertaining to storm water pollution.	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities) DO NOT ENTER INFORMATION IN THIS CELL • Will have recommendations by the end of Year 4. • Reports are in final review and will be available by the summer of 2007.
Permit Reference IV.C.6.a: If there is a training component for staff specific to these municipal operations: • <i>explain the activities and materials;</i> • <i>identify the personnel or outside organization conducting the activities.</i> • Purchased DVD entitled "Municipal Storm Water Pollution Prevention: Storm Watch: Everyday BMP's" that was viewed by 132 County Road and Drainage Maintenance personnel. Training done by County employees.	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities) • Completed in Year 3.
Additional Techniques	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)

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

• Copy this page and give it to each municipal office or department responsible for reporting. • Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department. • Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures. • Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.	
Permit Reference IV.C.6.a, c: Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from the municipal operation(s) indicated above to the MEP. • Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities.	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
• Briefly describe or reference any existing policies and procedures • Briefly describe or reference any policies and procedures being developed • Hired consultant Dvirka and Bartilucci, Woodbury, NY to perform assessment of County procedures, practices, etc. pertaining to storm water pollution. Departments included in the study are Public Works, Parks and Recreation, Police and Sheriffs.	DO NOT ENTER INFORMATION IN THIS CELL • Will have recommendations by end of Year 4. • Reports are in final review and will be available by the summer of 2007.
• Briefly describe or reference any existing best management practices • Briefly describe or reference any planned best management practices • To be determined by our consultant.	DO NOT ENTER INFORMATION IN THIS CELL • Will have recommendations by the end of Year 4. • Reports are in final review and will be available by the summer of 2007.
• Identify and describe the equipment and staff that are in place	DO NOT ENTER INFORMATION IN THIS CELL

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

• Copy this page and give it to each municipal office or department responsible for reporting. • Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department. • Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures. • Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.	
Permit Reference IV.C.6.a, c (continued): Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from municipal operations to the MEP. • <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> • Hired consultant Dvirka and Bartilucci, Woodbury, NY to perform assessment of County procedures, practices, etc. pertaining to storm water pollution. Departments included in the study are Public Works, Parks and Recreation, Police and Sheriffs.	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities) DO NOT ENTER INFORMATION IN THIS CELL • Will have recommendations by the end of Year 4. • Reports are in final review and will be available by the summer of 2007.
Permit Reference IV.C.6.a: If there is a training component for staff specific to these municipal operations: • <i>explain the activities and materials;</i> • <i>identify the personnel or outside organization conducting the activities.</i> • Purchased DVD entitled "Municipal Storm Water Pollution Prevention: Storm Watch: Everyday BMP's".	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities) • Year 5 Goal: have DVD viewed by all relevant County Facilities Management/Fleet Management personnel.
Additional Techniques	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:	

Did you include any of the following documents as appendices? Put a mark each appended document.
☐ Summary of public comments received on the annual report at the public presentation (Required)
☐ Intended response to comments on the annual report (Required)
☒ Results of information collected and analyzed, including monitoring data; evaluation of assessment (modeling) of pollutant discharges, including modeling results and pollutant transport trends.
☒ Other Nassau County response to January 10, 2007 NYSDEC letter commenting about the NCSWMP and Year 4 Annual Report.

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

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

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

Permit Reference IV.C.3.c: Prohibit, through an ordinance, local law or other regulatory mechanism, illicit discharges into the MS4. The MS4s have until year 5 to complete this work.		
1) When was this work completed or planned to be completed?	Date completed: <u> </u> <u> </u> <u> </u> Not yet completed Plan to complete for reporting in year: <u>4</u> ; <u>5</u> .	
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:	☒ Interconnection agreements ☒ Maintenance directives / BMPS ☒ Access Permits ☐ Tenant Leases	☒ Consultant Agreements ☒ Construction/Bid Documents ☐ Other <u> </u>
3) Indicate which of these control mechanisms contain specific language prohibiting illicit discharges:	☒ Interconnection agreements ☒ Maintenance directives / BMPS ☒ Access Permits ☐ Tenant Leases	☒ Consultant Agreements ☒ Construction/Bid Documents ☐ Other <u> </u>
4) Explain how the MS4 intends to prohibit illicit discharges if:	Explanation:	
• 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.		
5) Explain how the MS4 (intends to) enforce against illicit dischargers within their jurisdiction?	Explanation: The Nassau County Drainage Use Ordinance will be submitted to the Nassau County Legislature for adoption in Year 5. The Ordinance is based on the NYS Model Law for Illicit Discharge and provides the Department of Public Works with the power to levy fines to violators.	

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

Permit Reference IV.C.4.b.i, 5.a.i: Require development and implementation of erosion and sedimentation controls through a local law or other regulatory mechanism. The MS4s have until year 5 to complete this work.	
1) When was this work completed or planned to be completed?	Date completed: _____ Not yet completed Plan to complete for reporting in year: 4; 5.
2) Indicate which of the control mechanisms or procedures below are used by the MS4 to notify staff and others doing work on behalf of the MS4 about the <u>erosion, sedimentation and stormwater management requirements</u> for projects under the MS4s jurisdiction. (These requirements are based on the Construction Permit (GP-02-01) and MS4 Permit (GP-02-02)).	☒ Access Permits ☐ Tenant Leases ☒ Requests for Proposals (RFPs) ☒ Scope of Services ☒ Consultant Agreements ☒ Construction / Bid Documents ☐ Other Policies / Procedures Have and will continue to conduct in-house meetings and training sessions with appropriate Departments, project managers and employees on all erosion, sedimentation and stormwater management requirements on County managed construction projects. The County Planning Commission under NY State Real Property Law, Section 334-a, requires all subdivisions to be approved by the Commissioner of Public Works. As such the Department has updated its Drainage Requirements to include all sediment and erosion control practices
3) All of the <u>erosion, sedimentation and stormwater management requirements</u> below must be addressed by the MS4's control mechanisms. For the control mechanisms identified in number 2 above, state in the left hand cells below the control mechanism(s) that contain the language.	
Control Mechanism	Erosion, Sedimentation and Stormwater Management Requirements
RFP's, Scopes of Work, Bid Documents, Drainage Requirements	Require all projects to have SWPPPs, as in GP-02-01
RFP's, Scopes of Work, Bid Documents, Drainage Requirements	Require all 16 components of a basic SWPPPP (erosion and sediment control)
RFP's, Scopes of Work, Bid Documents, Drainage Requirements	Require all additional 7 components for a full SWPPPP when post-construction control is required
RFP's, Scopes of Work, Bid Documents, Drainage Requirements	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)
Bid Documents, Drainage Requirements	Require contractor certification statements stating that the contractor will agree to comply with the terms and conditions of the SWPPPP
Scopes of Work, Bid Documents, Drainage Requirements	Require proper operation and maintenance of stormwater facilities during construction
Bid Documents, Drainage Requirements	Require proper operation and maintenance of stormwater facilities after construction
RFP's, Scopes of Work, Bid Documents, Drainage Requirements	Require SWPPPPs 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

RFP's, Scopes of Work, Bid Documents	Have a process for review of SWPPPs
RFP's, Scopes of Work, Bid Documents	Require site self inspections as in GP-02-01
On Projects within County jurisdiction: - Procedures in place on County construction contracts to issue stop work orders. - Maintenance and guarantee periods in place to require contractors to ensure proper operation of storm water components. RFP's, Scopes of Work, Bid Documents include these conditions	Have enforcement procedures during and after construction
Scopes of Work, Bid Documents, Drainage Requirements	Require construction site operators to control waste
- Procedures in place for public comment during Subdivision review the County Planning Commission. - Field offices staffed by County inspectors on County construction contracts accept public inquiries. - Public bidding notices for construction contracts published in local newspapers and on County website. Outreach to communities with local County legislators on upcoming construction projects.	Procedures for receipt and consideration of information submitted by the public
4) If any of the requirements in number 3 are not addressed, explain how the MS4 intends to incorporate them into the control mechanisms? 5) Explain how the MS4 intends to enforce the requirements within their jurisdiction?	Explanation: None Explanation: DPW has trained municipal employees, construction inspectors and project managers on erosion, sedimentation and storm water management requirements.

	In addition, County field personnel are requested to report activities at construction sites that are causing sediment, erosion on County roads and/or property. Planning Commission field inspectors examining construction sites now include sediment and erosion control components as part of their standard inspections.
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DRAFT