



**SPDES General Permit for
Stormwater Discharges from Small Municipal Separate Storm Sewers (MS4's)
Permit No. GP-02-02**

**TOWN OF NISKAYUNA
STORMWATER MANAGEMENT PROGRAM
ANNUAL REPORT**

March 10, 2003 – March 9, 2004

Program Identification :

SPDES Number: NYR20A163

MS4 Name: Town of Niskayuna

County: Schenectady

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Executive Summary:

On May 10, 2003, the Town of Niskayuna obtained coverage under the New York State Pollutant Discharge Elimination System (SPDES) Phase II General Permit for Stormwater Discharges from Municipal Separate Stormwater Sewer Systems (MS4s). The permit requires that the Town develops, implements, and enforces a stormwater management program (SWMP) designed to reduce the discharge of pollutants from the Town's storm sewer system to the maximum extent possible.

During the first year of development of a stormwater management program, the Town of Niskayuna primarily concentrated efforts on the evaluation of existing stormwater management policies and procedures, and the planning of future program improvements. Progress is proceeding as proposed by the Notice of Intent submitted by Niskayuna in 2003 (See Appendix A). Work was performed pertaining to all six, New York State defined, "Minimum Control Measures." Details of the work performed can be found on the attached tables. Highlights of the work performed in the first year of the program are summarized below.

In 2003, Niskayuna began efforts to modernize and update the existing maps of the town-wide stormwater collection system. Using Geographical Information System (GIS) technology, the outdated hand-drawn maps were converted into a digital format. The digital map can be updated much more easily and will be used for future computer modeling of the stormwater collection system.

Niskayuna is an active member of the Schenectady County Water Quality Coordinating Committee (SCWQCC). The SCWQCC has served as a focal point of citizen participation and as a forum to identify our target audiences and the types of educational materials to be developed and distributed within our community.

The newly redesigned Niskayuna Town Webpage has proven to be an effective outlet for public outreach and education. Information pertaining to upcoming stormwater & environmental events, as well as educational material, can be found there.

Niskayuna and the other MS4 communities in Schenectady County jointly applied for a Water Quality Improvement Project Grant to offset the cost of implementation of the new stormwater regulations. The grant would be used to fund the mapping of all stormwater outfalls within Niskayuna, the printing of educational materials to be distributed to the public, and the cost of revising town ordinances to address the changes in stormwater practices and procedures.

No inter-municipal agreements have been drafted to date. Niskayuna plans work with Schenectady County and the other MS4 communities in the county to develop agreements regarding the printing of educational materials and the providing of educational and training presentations.

During the second year of the program Niskayuna plans remain on schedule set forth in the program Notice of Intent (See Appendix A). Highlights of the work to be performed are as follows.

Global Positional System (GPS) technology will be used to locate all stormwater outfalls. This information will be added to the town-wide drainage map and to the Schenectady County Internet Mapping System (SIMS). New town ordinances will be drafted and adopted to comply with the new stormwater standards. Municipal employees will receive training explaining stormwater basics and the use of Best Management Practices (BMP's) to reduce stormwater impacts and improve water quality. To improve the enforcement of the new stormwater regulations town inspectors will receive training pertaining to construction site stormwater runoff control.

The Town of Niskayuna is committed to the protection of the water quality in the Mohawk River and the many streams and ponds within our town. The implementation of the SPDES Phase II regulations will help to insure that these waters are maintained for future generations. The Niskayuna Departments of Engineering, Highway, Water and Sewer, Planning, and Building are all working to implement a Stormwater Management Plan to meet these goals.

Stormwater Management Program Annual report
Six Minimum Measures Section
March 10, 2003 – March 9, 2004

MINIMUM MEASURE 1: Public Education and Outreach on Stormwater Impacts

A. Narrative Overview:

Public awareness concerning the threats to the environment resulting from stormwater runoff is vital to the success of a town wide storm water management plan. Steps have been taken to provide information to the residents of Niskayuna. The majority of the progress made in the first year of the program was in planning for future education programs. Working closely with the Schenectady County Water Quality Coordinating Committee and the other MS4 communities in Schenectady County, Niskayuna has begun to identify target audiences to be trained, and to assemble materials for use in the planned training. Niskayuna has jointly applied for an EPF grant with the other MS4 communities in Schenectady County. The programs to be funded by the grant include the printing of educational brochures and posters. A limited supply of brochures and posters are currently available at Niskayuna Town Hall. Informational letters, explaining the new stormwater regulations, were sent to all developers currently working in the town. The newly upgraded town webpage has become a valuable tool for the distribution of MS4 related information.

Information from the public was collected and used to identify areas experiencing stormwater problems. Reports of flooding, erosion, and other issues relating to stormwater were used to create a map of stormwater events.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
Type in the management practices selected in your NOI and any additional ones that you worked on.	Any done in the past year?		Describe SWMP activities that are planned for the next year and changes to selected management practices/measurable goals.
	YES	NO	
Plan and conduct an ongoing public education and outreach program (required)	X		<p>The maps and databases of drainage concerns will continue to be updated. The records pertaining to each drainage problem will be updated with information on corrective actions and the current status of each problem. The maps and database generated during the first year of the MS4 program will be used to train town staff to more effectively address the drainage problems through out the town.</p> <p>Informational meetings will be held for each targeted audience. When ever possible, meetings will be held for multiple MS4 communities at one time.</p>

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year	
Type in the management practices selected in your NOI and any additional ones that you worked on.	Any done in the past year?		If YES, describe what measurable goals that were achieved and other accomplishments. If NO, and the item was checked off on your NOI, describe why the task was not accomplished and, if still a measurable goal, list in column C.	Describe SWMP activities that are planned for the next year and changes to selected management practices/measurable goals.
	YES	NO		
Webpage	X		The town webpage (www.Niskayuna.org) has been updated with information designed to educate the general public. Information explaining storm water basics and storm water pollution prevention tips can be found at the site. Links to EPA and NYSDEC Stormwater Program pages are also provided.	The information posted on the town webpage will be expanded to include additional educational resources. The approved MS4 Annual Report for 2003 will be posted. Dates and information pertaining to environmental events through out Schenectady County will be posted (i.e. shore line clean up programs, seminars, informational meetings...).
Printed material	X		The Town has begun to provide printed educational material pertaining to stormwater quality at Town Hall. The Town has also applied for an EPF grant with the Schenectady County Planning Department and other MS4 communities with in Schenectady County to purchase additional material for distribution. Many of the poster and brochure designs to be distributed have been provided by the EPA. Cost to the Town will be limited to the printing and distribution of these materials.	Contingent upon receiving the EPF Grant, Niskayuna will purchase 20,000 pieces of printed educational materials. Brochures, posters and other information will be distributed to residents and community groups. Working with the Niskayuna Building Department, information will be provided to building permit applicants, developers, and contractors to promote understanding and use of stormwater best management practices.
Displays	X		Niskayuna has made plans to set up an informational display at the 2004 "Niska-Day" community celebration (May 22).	This display is to be set up annually at subsequent "Niska-Day" celebrations.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
Type in the management practices selected in your NOI and any additional ones that you worked on.	Any done in the past year?		Describe SWMP activities that are planned for the next year and changes to selected management practices/measurable goals.
	YES	NO	
Proper disposal of household hazardous wastes	X		<p>Information pertaining to the proper disposal of household hazardous wastes has been added to the town webpage. A link to the Schenectady County Household Hazardous Waste Program site has been provided. Times and locations of special collection events are posted on the town webpage.</p> <p>The Town will continue to update and add to the information available online pertaining to the proper use and disposal of household hazardous wastes.</p> <p>Brochures concerning proper disposal of household hazardous wastes will be developed and distributed by Town of Niskayuna Transfer Station staff.</p>
Water conservation practices	X		<p>At the beginning of the watering season Niskayuna published town-wide Lawn Sprinkling Regulations in the Schenectady Daily Gazette. These regulations can also be found on the town webpage.</p> <p>Printed and online material pertaining to water conservation will be made available to the residents. A water conservation section will be included in the Fall 2004 town newsletter.</p>

MINIMUM MEASURE 2: Public Involvement/Participation

A. Narrative Overview:

As public education is implemented the amount of public involvement in the MS4 program is expected to increase. In the past year Niskayuna has worked to increase the towns participation in the SCWQCC. The SCWQCC coordinated programs and events to increase public involvement and participation regarding stormwater and water quality issues. SCWQCC programs included shoreline clean-up days, the circulation of an information kiosk, and the co-sponsoring of the Capital Region Enviro-thon.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
Type in the management practices selected in your NOI and any additional ones that you worked on.	Any done in the past year?		Describe SWMP activities that are planned for the next year and changes to selected management practices/measurable goals .
	YES	NO	
TECHNIQUES			
Public notice and access to documents and information (required)		X	No specific activities were proposed for our first year of the implementation program. The completed Annual Report will be posted on the town webpage and will be made available at Town Hall.
Public presentation and comments received on SWMP and annual report (required)		X	No specific activities were proposed for our first year of the implementation program. The Completed Annual Report will be presented at a public meeting. Public attendance and comment will be encouraged.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
Type in the management practices selected in your NOI and any additional ones that you worked on.	Any done in the past year?		Describe SWMP activities that are planned for the next year and changes to selected management practices/measurable goals .
	YES	NO	
Public involvement/ participation program(required)	X		<p>Niskayuna is an active member of the Schenectady County Water Quality Coordinating Committee. The SCWQCC coordinated programs and events to increase public involvement and participation regarding water quality issues. These events included a shoreline clean-up program, circulation of an information kiosk through out Schenectady County, and the co-sponsoring of the Capital Region Envirothon. The SCWQCC has coordinated with the school districts within Schenectady County to encourage the participation of students in environmental programs.</p> <p>The implementation of the Town's Stormwater Management Program has become a regular topic discussed at the monthly meetings of the Niskayuna Town Board Subcommittees. The Highway Committee examines drainage issues within the town and maintenance of the public stormwater collection system. The Special Districts Committee, Technology Committee, and the Finance Committee, have dealt with issues pertaining to implementation of Niskayuna's SWMP.</p> <p>Niskayuna will seek input from the Town's Environmental Advisory Committee, the Capital District Regional Planning Commission, the Schenectady County Environmental Advisory Council, and The Capital District Builders Association regarding the implementation of the Town's SWMP.</p> <p>Niskayuna will conduct a second public meeting in the Fall of 2004 to obtain public input regarding the Town's SWMP. This meeting will be advertised in the local newspaper, on the town webpage, and in the Town Newsletter.</p> <p>A program to encourage volunteer participation will be created. Volunteer activities designed to improve public awareness and participation will be developed.</p>

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year	
Type in the management practices selected in your NOI and any additional ones that you worked on.	Any done in the past year?		If YES, describe what measurable goals that were achieved and other accomplishments. If NO, and the item was checked off on your NOI, describe why the task was not accomplished and, if still a measurable goal, list in column C.	Describe SWMP activities that are planned for the next year and changes to selected management practices/measurable goals .
	YES	NO		
Volunteer Monitoring		X	No specific activities were proposed for our first year of the implementation program.	The volunteer program listed above will include the use of volunteers for the reporting of water quality problems.
Watershed Organizations		X	No specific activities were proposed for our first year of the implementation program.	Niskayuna plans to evaluate to creation of an “adopt-a-watershed” program. This program would be used to increase public awareness of watersheds and to educate the public on what could be done to protect them.
Contact person identified (required)			Richard C. Pollock, P.E. Superintendent of Engineering	Richard C. Pollock, P.E. Superintendent of Engineering

MINIMUM MEASURE 3: Illicit Discharge Detection and Elimination

A. Narrative Overview:

Geographical Information System (GIS) technology was used to convert the existing paper maps into digital maps. The information contained on the maps is continually updated as new information is obtained. Municipal staff have begun to field verify the location and condition of more than 5,000 drainage structures comprising the town maintained stormwater collection system. The Niskayuna Department of Engineering has performed the preliminary work required to locate all stormwater outfalls with the town. The location of any stormwater outlet entering a natural stream has been identified on the digital map. In 2004, Global Positioning System (GPS) technology will be used to accurately verify the location and condition of these outfalls. Using a 1991 town-wide drainage study, the major watersheds within the Town have been identified.

During heavy rainfall, inflow and infiltration (I&I) of stormwater and groundwater into Niskayuna’s sanitary sewer system greatly increases the flow in various portions of the sanitary sewers. To avoid overflows of the sanitary sewers and the contamination the surrounding surface waters, pumping trucks are used to remove excess water. An aggressive program aimed at identifying and reducing I&I is ongoing.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
Type in the management practices selected in your NOI and any additional ones that you worked on.	Any done in the past year?		Describe SWMP activities that are planned for the next year and changes to selected management practices/measurable goals .
	YES	NO	
ACTIVITIES			
System Mapping	X		Niskayuna has utilized GIS technology to create a digital map of the town maintained stormwater collection system. The map will be an important tool to be used for the implementation of the Town’s SWMP. Work will continue on the stormwater map created in 2003. Town forces will work to verify the location, size, and condition of the pipes shown on the map. GPS equipment will be used to map any drainage lines not currently included on the map.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year	
Type in the management practices selected in your NOI and any additional ones that you worked on.	Any done in the past year?		If YES, describe what measurable goals that were achieved and other accomplishments. If NO, and the item was checked off on your NOI, describe why the task was not accomplished and, if still a measurable goal, list in column C.	Describe SWMP activities that are planned for the next year and changes to selected management practices/measurable goals .
	YES	NO		
Outfall mapping (required)	X		Niskayuna has performed the preliminary work required for the mapping of all stormwater outfalls. Existing stormwater maps have been utilized to identify the approximate location and number of existing outfalls.	Beginning in the spring of 2004, the Town will begin using GPS equipment to map all stormwater outfalls within the Town. A digital photograph will be taken of each outfall to document the current condition of the outfall. The information will be added to the Town's digital stormwater collection system map.
Illicit discharges prohibited (required)		X	No specific activities were proposed for our first year of the implementation program.	Niskayuna will work together with the other MS4 communities in Schenectady County to review local regulations, and draft revisions to comply with illicit discharge prohibition requirements.
Public, employees, businesses informed of hazards from illicit discharges (required)		X	No specific activities were proposed for our first year of the implementation program.	The Town will develop and distribute information to help municipal staff and volunteer participants identify potential illicit discharges.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year	
Type in the management practices selected in your NOI and any additional ones that you worked on.	Any done in the past year?		If YES, describe what measurable goals that were achieved and other accomplishments. If NO, and the item was checked off on your NOI, describe why the task was not accomplished and, if still a measurable goal, list in column C.	Describe SWMP activities that are planned for the next year and changes to selected management practices/measurable goals .
	YES	NO		
Illicit discharges identified (required)	X		A 1991 town-wide drainage study has been used to identify the existing watersheds within Niskayuna. Work is ongoing to add this information to the town-wide stormwater map	<p>The watershed boundaries designation by the 1991 drainage study will be added to the town-wide drainage map. This information will be used as a tool to aid in the isolation of and location of illicit discharges.</p> <p>Niskayuna will utilize the GIS based town-wide map to establish a system to track and record reports of illicit discharges.</p> <p>The Town will develop recommendations for programs and program funding required to investigate and eliminate illicit discharges.</p>
Wastewater connections to the storm drain system	X		Niskayuna water, sewer, and highway field staff have been instructed to report any direct sanitary connections to the Town's stormwater collection system. No occurrences have been found.	Field staff will continue to search for illegal connections through out the course of their daily operations.
Dye Testing		X	No specific activities were proposed for our first year of the implementation program.	Dye Testing will be used as a tool to verify the tributary area of stormwater outfalls and to search for illegal connections to both the sanitary and stormwater collection systems.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
Type in the management practices selected in your NOI and any additional ones that you worked on.	Any done in the past year?		If YES, describe what measurable goals that were achieved and other accomplishments. If NO, and the item was checked off on your NOI, describe why the task was not accomplished and, if still a measurable goal, list in column C.
	YES	NO	Describe SWMP activities that are planned for the next year and changes to selected management practices/measurable goals .
Sanitary Sewer Overflows	X		Niskayuna does not operate combined storm and sanitary sewers. The presence of stormwater in the sanitary sewer system is due to the inflow and infiltration (I&I) of stormwater and groundwater. The Town has begun an aggressive program to reduce the amount of I&I in the sanitary sewers. During times of heavy precipitation, septic pumping trucks are used to remove excess water from the sanitary sewer system to prevent backups or overflows. The pumped water is taken to the Town's wastewater treatment plant for proper treatment and disposal.
			As part of the I&I reduction program Niskayuna is planning to replace 3,000 feet of damaged sanitary sewer main in the summer of 2004. Leaking sanitary sewer lines discovered during the course of the year will be repaired in the order of severity.

MINIMUM MEASURE 4: Construction Site Stormwater Runoff Control

A. Narrative Overview:

Working with the SCWQCC, Niskayuna began the process of creating town ordinances to enforce the proper use of erosion and sediment control devices at all construction sites within the town. Present town codes were researched to determine what protections were currently in place. Niskayuna is currently awaiting the publishing of model ordinances by the NYSDEC to proceed. The Niskayuna Department of Engineering has begun reviewing the Stormwater Pollution Prevention Plans (SWPPP) submitted by developers as required under NYSDEC permit GP-02-01. Construction site inspections to insure proper adherence to the submitted SWPPP's have been performed by Department of Engineering staff. Educational material directed towards developers, contractors, and Building Department staff is currently being developed.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
Type in the management practices selected in your NOI and any additional ones that you worked on.	Any done in the past year?	If YES, describe what measurable goals that were achieved and other accomplishments. If NO, and the item was checked off on your NOI, describe why the task was not accomplished and, if still a measurable goal, list in column C.	Describe SWMP activities that are planned for the next year and changes to selected management practices/measurable goals .
Require erosion and sedimentation controls through an ordinance or other regulatory mechanism (required)	X	Niskayuna began a review of local subdivision and site plan review ordinances to determine necessary revisions to comply with this standard.	<p>Niskayuna will work with the Schenectady County Office of Planning and the other MS4 communities within Schenectady County to develop ordinances to comply with this standard. Model ordinances provided by NYSDEC will be modified to meet the specific needs of each community.</p> <p>Meetings will be held with the local Builders Association to discuss the proposed stormwater ordinance changes and to obtain their input.</p> <p>A public notice explaining the newly adopted ordinances will be posted at Town Hall, in the Town Newsletter, and on the Town Webpage.</p> <p>Policy changes resulting from the newly adopted ordinances will be explained in “policy and procedure” flyers to be distributed through the Planning and Building Department. The target audience will be engineers, developers, and contractors working in Niskayuna.</p>

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
Type in the management practices selected in your NOI and any additional ones that you worked on.	Any done in the past year?	If YES, describe what measurable goals that were achieved and other accomplishments. If NO, and the item was checked off on your NOI, describe why the task was not accomplished and, if still a measurable goal, list in column C.	Describe SWMP activities that are planned for the next year and changes to selected management practices/measurable goals .
Provide opportunity for public comment on construction plans (required)	X	Niskayuna Planning Department provides residents the opportunity to examine the plans for all approved projects within the town. As-built records are also available for public review.	Niskayuna will continue to provide residents the opportunity to examine the plans for all approved projects within the town.
Require construction site plan review (required)	X	Construction site plans have been reviewed by the Niskayuna Department of Engineering, or a consultant selected by the Department of Engineering, to ensure proper erosion control and stormwater management practices. Reviews were performed in accordance to the New York State Standards and Specifications for Erosion and Sediment Control, and the New York State Stormwater Management Design Manual.	Construction site plans will continue to be reviewed by the Niskayuna Department of Engineering, or a consult selected by the Department of Engineering, to ensure proper erosion control and stormwater management practices. The review process will be modified to reflect changes imposed by the proposed town ordinances mentioned above.
Require overall construction site waste management (required)		X No specific activities were proposed for our first year of the implementation program.	The above mentioned ordinances will include regulations for the proper management of construction site waste.
Site inspection and enforcement (required)	X	Construction site inspections have been performed by the Niskayuna Department of Engineering, or a consultant selected by the Department of Engineering, to ensure proper erosion control and stormwater management practices.	Construction site inspections will continue to be performed by the Niskayuna Department of Engineering, or a consult selected by the Department of Engineering, to ensure proper erosion control and stormwater management practices. The inspection procedures will be modified to reflect changes imposed by the proposed town ordinances mentioned above.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
Type in the management practices selected in your NOI and any additional ones that you worked on.	Any done in the past year?	If YES, describe what measurable goals that were achieved and other accomplishments. If NO, and the item was checked off on your NOI, describe why the task was not accomplished and, if still a measurable goal, list in column C.	Describe SWMP activities that are planned for the next year and changes to selected management practices/measurable goals .
Education and training of construction site operators (required)	X	Educational material is currently being drafted for future distribution to municipal staff (primarily inspectors and crew leaders).	Development will continue on in-house training on “Best Management Practices” (BMP’s) for municipal staff (primarily inspectors and crew leaders) to promote better understanding of how the measures work. Further topics will include what to look for to ensure the measures are suitable, effective, properly installed, and maintained.

MINIMUM MEASURE 5: Post-Construction Stormwater Management

A. Narrative Overview:

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
Type in the management practices selected in your NOI and any additional ones that you worked on.	Any done in the past year?		Describe SWMP activities that are planned for the next year and changes to selected management practices/measurable goals .
	YES	NO	
Assess existing conditions throughout the MS4 and identify appropriate management practices to reduce pollutant discharge to the maximum extent practicable (required)	X		<p>During the “Summer Storms of 2003” multiple locations in the town experienced flooding and erosion due to improperly designed or maintained stormwater collection systems. The Niskayuna Engineering and Highway Departments investigated and documented each report. Stormwater issues related to the public drainage system have been or will be addressed by the Town. The Town has applied for a FEMA grant to offset the cost associated with the modifications necessary to avoid future damage at these locations.</p> <p>Municipal staff (engineering, planning, building, and highway) evaluated recent redevelopment projects to identify how the projects could have more effectively reduced pollutant loading and peak flows. The use of several types of “non-structural” and “structural” Best Management Practices (BMP’s) were investigated.</p>

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
Type in the management practices selected in your NOI and any additional ones that you worked on.	Any done in the past year?		Describe SWMP activities that are planned for the next year and changes to selected management practices/measurable goals .
	YES	NO	
Regulate post-construction runoff from development through an ordinance or other regulatory mechanism (required)	X		<p>The Niskayuna Engineering Department examined current practices, procedures, and ordinances to evaluate where improvements were needed.</p> <p>Niskayuna will work with the Schenectady County Office of Planning, the other MS4 communities in Schenectady County, and the SCWQCC to review pertinent local ordinances and regulations.</p> <p>Niskayuna and the above mentioned groups will work to develop recommendations to improve our ordinances and procedures to deal with this control measure.</p> <p>As necessary new or modified ordinances will be developed and be adopted.</p>
Develop management practice inspection and maintenance program (required)	X		<p>The Niskayuna Engineering Department examined current inspection procedures to determine what changes could be made to more effectively monitor the performance of stormwater collection systems and detention basins in the post construction phase.</p> <p>Municipal staff (engineering, planning, building, and highway) will identify “structural” control devices that should be checked.</p> <p>Municipal staff will review O&M procedures for existing structural BMP’s and develop a maintenance schedule.</p>

MINIMUM MEASURE 6: Pollution Prevention/Good Housekeeping

A. Narrative Overview:

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
Type in the management practices selected in your NOI and any additional ones that you worked on.	Any done in the past year?		Describe SWMP activities that are planned for the next year and changes to selected management practices/measurable goals .
	YES	NO	
REQUIREMENTS			
Prevent discharge of pollutants from municipal operations (required)	X		<p>Truck and equipment wash operations at our municipal facilities were examined. Possible improvements were examined. Preliminary plans for replacement of the Town’s current Water and Sewer Garage and Maintenance Facility include the construction of a vehicle wash-down bay. The contaminated water resulting from the wash-down bay is to be directed to the Town’s wastewater treatment facility.</p> <p>The Town will seek funding to upgrade our municipal truck and equipment washing facilities.</p> <p>The Department of Public Works will evaluate the means and associated costs to improve street sweeping effectiveness and drainage system cleaning.</p>

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
Type in the management practices selected in your NOI and any additional ones that you worked on.	Any done in the past year?		If YES, describe what measurable goals that were achieved and other accomplishments. If NO, and the item was checked off on your NOI, describe why the task was not accomplished and, if still a measurable goal, list in column C.
	YES	NO	Describe SWMP activities that are planned for the next year and changes to selected management practices/measurable goals .
Follow DEC NPS management Practices catalog, or equivalent (required)	X		<p>The Niskayuna Department of Engineering examined the current procedures for catch basin cleaning and street sweeping to identify weaknesses in our current approach.</p> <p>In 2003, The Department of Water and Sewer purchased a Combination High Pressure Water and Vacuum Truck. The equipment will be used to clean Niskayuna’s sanitary and stormwater sewer systems.</p> <p>The Niskayuna Highway Department dedicated 688 man-hours to street sweeping and catch basin cleaning operations. Town forces were able to sweep all Town maintained roads a total of 2 times in 2003. A total of 1,024 hours were dedicated to the repair of catch basins through out the town. 1,488 hours were devoted to the repair of drainage pipes and culverts.</p> <p>Procedures and management practices will continue to be examined and changes will be made as directed by NYSDEC published recommendations.</p> <p>Modifications to street sweeping and catch basin cleaning procedures will be implemented.</p> <p>The procedures for the disposal of waste generated by the cleaning of storm sewers will be examined.</p> <p>The Niskayuna Highway Department will evaluate park maintenance procedures to determine whether improvements are needed.</p>

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
Type in the management practices selected in your NOI and any additional ones that you worked on.	Any done in the past year?		If YES, describe what measurable goals that were achieved and other accomplishments. If NO, and the item was checked off on your NOI, describe why the task was not accomplished and, if still a measurable goal, list in column C.
	YES	NO	Describe SWMP activities that are planned for the next year and changes to selected management practices/measurable goals .
Conduct employee pollution prevention training (required)	X		Working with the Schenectady County Water Quality Coordinating Committee, target audiences for informational meetings have been preliminarily agreed upon. Targets groups include Planning Board members, Building Department personnel, Town Board members, community groups, municipal workers, and residents. Training programs for Town employees will be developed with the assistance of the SCWQCC. The implementation of these programs is scheduled to begin before the end of 2004.

Section VII-Monitoring / Modeling

Niskayuna did not conduct any monitoring or modeling efforts this program year.

Section VIII Summary of Funding and Use of Grant Money

AWQIP Grant for the Schenectady County MS4 cooperating Communities was awarded in September of 2004. The required work program and supporting documents were submitted to DEC 2/16/05 and we are presently waiting to receive the contract for execution. In the meantime we have proceeded with the purchase of a digital camera (\$300) for use in the data collection and mapping of our outfalls. County Planning is coordinating the printing of educational materials.

Appendices