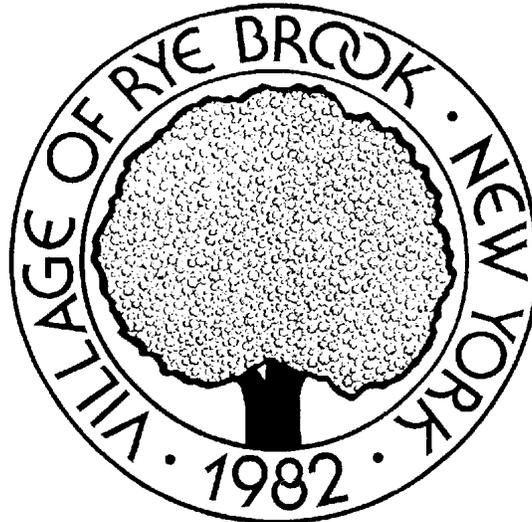


VILLAGE OF RYE BROOK

938 KING STREET
RYE BROOK, NY 10573



STORMWATER MANAGEMENT PROGRAM

ANNUAL REPORT

For

MS4 - VILLAGE OF RYE BROOK

SPDES Number NYR20A308

Village of Rye Brook
938 King Street
Rye Brook, NY 10573
SPDES Number NYR20A308

STORMWATER MANAGEMENT PROGRAM ANNUAL REPORT

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Annual Report

Municipal Separate Storm System

MS4 Annual Report – March 10, 2004 – March 9, 2005

Executive Summary

June 28, 2005

Attached is the Annual Report of our activities for the report year March 10, 2004-March 9, 2005 to be filed with the DEC June 1, 2005, in accordance with our SPDES permit number NYR20A308.

The Village of Rye Brook, in accordance with New York State Department of Environmental Conservation regulations, maintains a State Pollution Discharge Elimination System Permit (SPDES) for our Municipal Separate Stormwater Sewer System (MS4). This permit authorizes the Village of Rye Brook to discharge stormwater to Waters of the United States in accordance with certain conditions and requirements.

The permit requires the Village to maintain a plan to manage our stormwater towards the goal of reducing pollution in the stormwater discharges. In March of 2003, the Village completed our stormwater pollution prevention plan and submitted it to the DEC with our Notice of Intent to discharge stormwater from our existing storm drain system to the various waters within our community. This plan includes six (6) broad scopes for the Village to follow with specific measurable goals within each section. The Village Engineer will present the Village's second Annual Report to Village Board of Trustees and public on July 12, 2005.

The Village of Rye Brook has been working to implement our SWPPP with the goal of full implementation of this plan by January 2008. During the past year, the focus of our program was related to our Code for the purposes of creating the proper set of laws to guide development in the community.

Information kiosks have been maintained to provide education to our residents and contractors to bring awareness to the importance of managing stormwater to prevent introduction of pollutants to the waterways in and around our community. Other outreach efforts implemented in our first program year and continued through the second program year include the use of our newsletter to educate residents of the importance of proper waste disposal, use of lawn fertilizers and pesticides, and managing household chemicals. Our sanitation calendars, mailed to each residential home in the Village, include information on local household chemical clean-up days, and information about solid waste regulations for proper disposal of common items.

Municipal Separate Storm System
MS4 Annual Report – March 10, 2003 – March 9, 2004

Executive Summary

7/20/2005

During the past year, the Village continued to modify land use regulations to tighten controls on development. Most significant was the passing of legislation to require a site plan permit for all new work to existing structures as well as new construction. The site plan permit review process now requires site plans be reviewed with full public input before our Planning Board. This law requires all projects have such review, including single-family homes. A key component of the Planning Boards review is stormwater management and its potential impacts to adjacent homes and properties. Further, our Planning Board is implementing the procedures set forth by code revisions of the past year including very tight controls on development in and around wetlands and watercourse buffers and on steep slopes.

The Village Public Works department, under the direction of Mr. Carosi, continued to enhance our housekeeping procedures with the annual vacuum cleaning of all municipal storm drain basins and sumps, and daily operations of our street sweeper. Further, many municipal street islands have been re-landscaped to reduce the amount of turf grasses and increase the amount of trees and shrubs, reducing the need for fertilizers and pesticides. Upcoming programs include migration from paper based mapping to GIS format. In the next program year the Village expects to begin a GIS program for all municipal infrastructure. Construction work is budgeted for 2005-2006 to implement projects proposed from a past hydrological study of a local stream, the East Branch of the Blind Brook. Projects anticipated for construction include channel improvements, pond dredging, and a stormwater management/detention basin creation.

The Village intends to continue following our report as presented in our NOI for year three of the program. Public education and outreach will continue to be enhanced with more information obtained and more locations established for disseminating information, including enhancement of our web site. The past year, the Village Board of Trustees passed additional local regulations relating to the implementation of site developments through the granting of approval authority to our Planning Board and including site plan permitting for all single-family residential homes. Additional stormwater legislation is under review and expected to be enacted before the end of program year three.

The Village of Rye Brook continues as a member of a local watershed group, the Long Island Sound Watershed Inter-municipal Committee, LISWIC. This past year, a neighboring Sound Shore community, Mamaroneck Village, held a Harbor Festival. LISWIC members, including the Village of Rye Brook, participated in this event by staffing a booth at which information was distributed about stormwater pollution prevention and awareness. Additionally, two models were on display to provide hands on activities to demonstrate the path of rainwater and how pollutants can be carried from the rainwater and into adjacent water bodies. Through LISWIC, the Village is participating in a multi-municipality grant program to fund additional outfall mapping for GIS and also to fund training programs for municipal workers about stormwater pollution prevention. Additionally, LISWIC is moving forward with steps necessary to establish a stormwater district to manage collectively, the stormwater systems of all communities with the local watershed to the Long Island Sound. Goals for the next year are to choose an appropriate consultant to analyze the feasibility of such a district.

In conclusion, the Village of Rye Brook is making progress in all areas of our SWPPP as described in our NOI filed with the NYSDEC in March 2003, and as required under our SPDES permit NYR20A308. The following report outlines in greater detail each of the six minimum measures of focus, provides a brief narrative overview, and lists specific techniques employed toward achieving the goal.

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			
Plan and conduct an ongoing public education and outreach program (required)	YES		<ul style="list-style-type: none"> ▪ Maintained information kiosk in Village Hall and library. ▪ Used Village newsletter to educate residents about stormwater issues. ▪ Updated Sanitation Calendar to include hazardous and household waste disposal information.
			<ul style="list-style-type: none"> ▪ Add to information kiosk, reach-out to local HOA's. ▪ Update web site with information and stormwater links. ▪ Use quarterly newsletter to educate residents of stormwater impacts on local waterbodies. ▪ Review Pet Waste Management Ordinance.

MINIMUM MEASURE 2: Public Involvement/Participation

A. Narrative Overview: The Village Engineer presented to the Village Board of Trustees and Public, the Annual Report. The report publicly identified the Village Engineer, Mr. Victor G. Carosi, P.E., as the staff member responsible for coordinating the collection and display of material and to provide access to and maintain informational material and Village reports. The public meeting was duly noted and broadcast live to the community on cable TV, but generated little comments. The actions chosen to generate public participation are effective at reaching the residents. As the program continues to evolve, more opportunities for volunteers will generate more involvement and discourse on the plan.

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 .
TECHNIQUES			
Public notice and access to documents and information (required)	YES		<ul style="list-style-type: none"> ▪ Noticed report on Stormwater Plan at a public meeting. ▪ Make report, permit, and info available to public.
Public presentation and comments received on SWMP and annual report (required)	YES		<ul style="list-style-type: none"> ▪ Draft Report presented.
Public involvement/ participation program(required)	YES		<ul style="list-style-type: none"> ▪ Obtained storm water stencils. Developing program to label storm drains for summer 2005.
Contact person identified (required)	YES		<ul style="list-style-type: none"> ▪ Victor G. Carosi, PE., Village Engineer

MINIMUM MEASURE 3: Illicit Discharge Detection and Elimination

A. Narrative Overview: The Village is updating storm water outfall mapping to electronic means to better manage outfall locations. This will help to identify illicit discharges. The Village emergency services work closely with the building code enforcement officer and village engineer when illicit discharges are discovered in the storm drain system to locate the sources, confine the discharge, and provide enforcement action against the offending party.

The Village currently has legislation preventing connections to the storm drain system without authorization from the Village Engineer. Additional storm water legislation is under review.

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			
Outfall mapping (required)	YES		<ul style="list-style-type: none"> ▪ Village stormwater outfalls are mapped ▪ Mapping will be maintained and improved.
Illicit discharges prohibited (required)	YES		<ul style="list-style-type: none"> ▪ Village Code prohibits non-permitted discharges to storm and sanitary sewers. ▪ Code enforcement will look for illicit discharges during home inspections.
Public, employees, businesses informed of hazards from illicit discharges (required)	YES		<ul style="list-style-type: none"> ▪ Outfall identification allows monitoring for illicit discharge. ▪ Monitoring will continue.

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	
Illicit discharges identified (required)	YES		<ul style="list-style-type: none"> ▪ No active illicit discharges are known in the Village ▪ Monitoring will continue

MINIMUM MEASURE 4: Construction Site Stormwater Runoff Control

A. Narrative Overview: The Village has adopted new ordinances that require Planning Board review and permitting for most site work performed in conjunction with both new home construction and renovations to existing single family homes. The Planning Board examines site work for adherence to erosion and sediment controls, wetlands and wetland setback provisions, steep slope development and disturbance, and significant site grading modifications. During the past year the planning process resulted in a decreased disturbance of a wetland setback area and increased awareness and turf management around wetlands and watercourses.

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	
REQUIREMENTS			
Require erosion and sedimentation controls through an ordinance or other regulatory mechanism (required)	YES		<ul style="list-style-type: none"> Erosion and Sediment control ordinance was revised and adopted.
Provide opportunity for public comment on construction plans (required)	YES		<ul style="list-style-type: none"> Village law requires site plan approval for all single-family residential home additions and construction.
Require construction site plan review (required)	YES		<ul style="list-style-type: none"> Village law requires site plan review for all construction.
Require overall construction site waste management (required)	YES		<ul style="list-style-type: none"> Village requires construction site developer to provide site management waste plan.
Site inspection and enforcement (required)	YES		<ul style="list-style-type: none"> Code enforcement position created.
			<ul style="list-style-type: none"> Code enforcement position filled

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	
Education and training of construction site operators (required)	YES		<ul style="list-style-type: none"> ▪ Building Inspector and Village Engineer insure compliance of on-site erosion and sediment controls. ▪ Practice will continue.

MINIMUM MEASURE 5: Post-Construction Stormwater Management

A. Narrative Overview: Newly adopted land use and control regulations incorporate latest technical design standards and encourage use of drywells, wet ponds and other control measures for the treatment and control of runoff from project sites. The Village Engineer attends training classes to maintain education. Post-construction stormwater management is also incorporated into project development approvals. The Village requires developers to provide a maintenance plan for stormwater management controls after acceptance of a project. Through newly adopted Planning process, storm water management is fully incorporated into site design on all projects, including single family residential dwellings.

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 .
REQUIREMENTS			
Assess existing conditions throughout the MS4 and identify appropriate management practices to reduce pollutant discharge to the maximum extent practicable (required)	YES		<ul style="list-style-type: none"> ▪ Village is reviewing new storm water control legislation, and continues working with adopted erosion and sediment control law.
Regulate post-construction runoff from development through an ordinance or other regulatory mechanism (required)	YES		<ul style="list-style-type: none"> ▪ Current code requires reduction of stormwater runoff from new development and requires approval of stormwater maintenance plan
Develop management practice inspection and maintenance program (required)	YES		<ul style="list-style-type: none"> ▪ Regulations under review

MINIMUM MEASURE 6: Pollution Prevention/Good Housekeeping

A. Narrative Overview: The Village has monthly safety meetings and annual safety inspections of operations to insure adequate safety and health of municipal facilities and operations. The street sweeping program is in place and being performed daily to keep streets and gutters clear of debris that otherwise would wash into stormwater systems. All municipal storm catch basins are vacuum cleaned annually. Also, the Village has a six-year capital program, which identifies and budgets for stormwater control improvements within the Village. This current 2005-2006 municipal budget allocates funds for design and construction of stormwater system improvements to a stream within the local watershed to control erosion of stream bank and the siltation of a pond.

A manual for Village Department of Public Works and Parks employees is being developed. This manual will help municipal employees to reduce and prevent discharge of pollutants from municipal activities to the maximum extent practicable. Work for the next year will include capital program implementation and education.

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)	YES		<ul style="list-style-type: none"> ▪ Install storm drain filters around Public Works yard
Follow DEC NPS management Practices catalog, or equivalent (required)	YES		<ul style="list-style-type: none"> ▪ Continue street sweeping and cleaning of all street catch basins
			<ul style="list-style-type: none"> ▪ Maintained proper good housekeeping procedures at Village Garage. ▪ Street sweeping program to reduce pollutants on street and in catch basins. Cleaned all basins.

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)	YES		<ul style="list-style-type: none"> ▪ Discussed “Good Housekeeping” with employees
Develop Pollution Prevention manual for DPW/Parks Employees	YES		<ul style="list-style-type: none"> ▪ Planning of manual initiated.