



# Town of Babylon

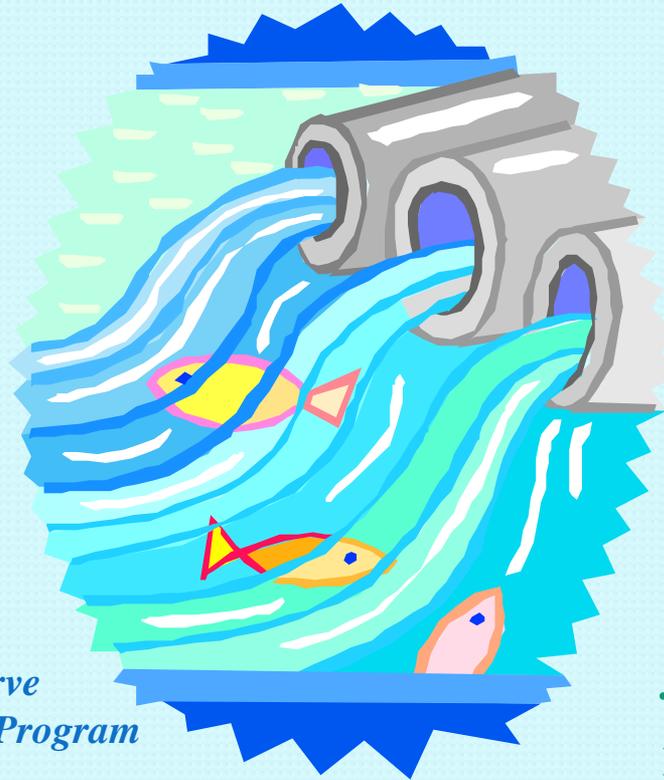


## Stormwater Management Program

**Rich Schaffer, Town Supervisor**

**Victoria A. Russell, Commissioner, Department of Environmental Control**

Rain, rain, go away...



...But pollution ends up in the Great South Bay!

*Member South Shore Estuary Reserve  
Council Town of Babylon Phase II Program  
"Preserve the Reserve!"*

### Common Pollutants from Stormwater

-  Car Washing Soaps & Chemicals
-  Automobile Fluids
-  Chlorine /Pool Discharges

### Stormwater Pollution Prevention and Mitigation

#### WHAT IS STORMWATER?

Stormwater is produced by runoff that occurs after a precipitation event, such as rain or snow. Stormwater can pick up oils, grease, automotive fluids, animal waste, litter, sediments, fertilizers, pesticides, herbicides, and pathogens and other pollutants as it travels across the surfaces of roads, buildings, lawns, and parking lots. In many cases, this polluted stormwater runoff is directed into a municipal stormwater drainage system (MS4) that discharges into natural water bodies. The MS4 system has inlets in the street which the stormwater flows into and a below ground system of drainage structures and pipes that may ultimately discharge to surface waters. Because the sources of stormwater pollution are diverse and the discharge points numerous, it is called non-point source pollution. It is estimated that 70% of the water pollution in the United States comes from stormwater runoff and other indirect discharges that are collectively called "nonpoint" sources. Stormwater runoff is the leading cause of pollution for the Town's water bodies. Locally, it has been estimated by the Long Island Regional Planning Board studies that over 90% of the total and fecal coliform bacteria loading to the Great South Bay is from stormwater runoff. High levels of coliform and other indicator bacteria levels can cause bathing beach and shellfish ground closures.

## HISTORY

In 1972 the Federal Clean Water Act (CWA) was adopted to improve the quality of our Nation's waters. The Act sought to accomplish this by minimizing and eliminating what are commonly referred to as "point" sources of pollution. These are distinct sources of pollution that originate from a pipe or other specific points of discharge. There were significant improvements in water quality, but water pollution still remained a problem in most water bodies, including the Town of Babylon's.

The CWA was amended in 1987 to target the non-point sources of pollution. Under the "Phase I" Program, which began in 1990, some municipalities were required to implement programs and projects that would reduce non-point pollution. In 2003, this requirement was extended to almost all other municipalities including the Town of Babylon under what is commonly referred to as the EPA mandated "Phase II" Program.

In New York, Phase II required that all regulated municipalities obtain an authorization from the New York State Department of Environmental Conservation for the discharge of stormwater runoff into their surface waters. As a condition of this authorization, regulated municipalities must develop and implement a comprehensive stormwater management program that includes mandated programs and practices in the following six categories which are called the minimum control measures (MCMs):

- Public education and outreach on stormwater impacts
- Public participation/involvement
- Illicit discharge detection and elimination
- Construction site stormwater runoff control
- Post-construction stormwater management in new development/redevelopment
- Pollution prevention/good housekeeping for municipal operations

## OUR PLAN

The Town of Babylon has prepared a Stormwater Management Program Plan in accordance with the New York State Department of Environmental Conservation regulations that describe what the Town will be doing each year to meet the requirements of the Phase II stormwater management program. This plan is based primarily on the six MCMs identified above.

## TOWN OF BABYLON STORMWATER MANAGEMENT PROGRAM ANNUAL REPORT

One of the requirements of the SPDES General Permit for Stormwater Discharges from Small Municipal Separate Storm Sewers (MS4s), is the preparation of an annual report which describes pollutants of concern and their sources, steps being taken to reduce pollutants in stormwater runoff, and the effectiveness of pollution prevention practices.

The Town is required to prepare an annual report that describes how its programs address the impacts of stormwater discharges upon natural water bodies, the pollutants of concern and their sources, steps being taken to reduce pollutants in stormwater runoff, and the effectiveness of best management practices. The Town is required to make the report available to the public and to provide an opportunity to comment on the Town's program prior to it being filed with the New York State Department of Environmental Conservation.

 Pet Waste



 Waterfowl Droppings



 Fertilizers



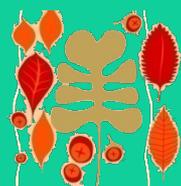
 Herbicides



 Pesticides



 Leaves



 Sediment



 Floatable debris



 Litter



The most current report can be found here:

Coming soon 2012-2013 Annual Report

You may submit comments on this report to Richard Groh, Chief Environmental Analyst: [rgroh@townofbabylon.com](mailto:rgroh@townofbabylon.com)

#### TOWN OF BABYLON'S STORMWATER PROGRAMS

The Town of Babylon has a comprehensive Stormwater Management Program that addresses the six minimum control measures that are required by the New York State Department of Environmental Conservation regulations. Some of the highlights of the program are provided below:

The Town adopted Chapter 189 Stormwater Management and Erosion and Sediment Control of the Code of Babylon which addresses land development activities. The Code requires at minimum, stormwater pollution prevention plans for all projects one acre or more and also regulates smaller development projects through a construction activity agreement in order to protect water quality.

The Town of Babylon, Department of Environmental Control responds to Illicit Discharge complaints to address illegal discharges to the Town's storm drain system or other stormwater related issues.

The Town of Babylon has sponsored many educational courses to educate employees and the private sector on stormwater related issues.

The Town of Babylon Department of Environmental Control created Stormwater Educational Flyers which are posted on this website (see links), displayed and provided at public events, mailed out to residents, and given to students at various educational talks. One of our goals is to educate the public on stormwater issues through Best Management Practices to reduce the negative impacts to our natural waterways and aquatic ecosystems.

## Useful Stormwater Links

Current Town of Babylon MS4 Annual Report 2012-2013

Coming soon

Town of Babylon Stormwater Management Program Plan

Updated Plan coming soon

Comment on the Current Town of Babylon MS4 Annual Report 2012-2013 , Stormwater Management Program Plan or Stormwater Program please E Mail:

[rgroh@townofbabylon.com](mailto:rgroh@townofbabylon.com)

Chapter 189 of the Code of the Town of Babylon: Stormwater Management and Erosion and Sediment Control

<http://www.ecode360.com/6809618>

Chapter 190 of the Code of the Town of Babylon: Illicit Discharges

<http://www.ecode360.com/14790233>

New York State Department of Environmental Conservation Stormwater Design Manual

<http://www.dec.ny.gov/chemical/29072.html>

New York State Department of Environmental Conservation Stormwater Page

<http://www.dec.ny.gov/chemical/8468.html>

United States Environmental Protection Agency Stormwater Page

[http://cfpub.epa.gov/npdes/home.cfm?program\\_id=6](http://cfpub.epa.gov/npdes/home.cfm?program_id=6)

Town of Babylon Best Management Practices Flyer for Residents

<http://www.townofbabylon.com/forms/169.pdf>

Town of Babylon Best Management Practices Flyer Littering

<http://www.townofbabylon.com/forms/121.pdf>

Town of Babylon Best Management Practices Flyer Pet Waste

<http://www.townofbabylon.com/forms/108.pdf>

South Shore Estuary Reserve Council

<http://www.lisser.us/>

**Stormwater Interactive (Not enabled yet, please respond by E Mail to [rgroh@townofbabylon.com](mailto:rgroh@townofbabylon.com))**

Did you find the link stormwater home page useful? Yes\_\_\_ No\_\_\_

Did you know that stormwater is the Town's number pollution problem before viewing the home page? Yes\_\_\_ No\_\_\_

Any suggestions for the Town's stormwater homepage or to strengthen the Town's stormwater management program? \_\_\_\_\_

\_\_\_\_\_

## TOWN OF BABYLON Educational Flyers

**Storm Drain System:** More information on the Town of Babylon storm drain system and how they differ from sewers.

**Best Management Practices :** Recommendations for homeowners to help protect our surface waters. Many everyday activities can actually pollute our environment. See what you can do to stop this.

**Floatables:** Mostly all waterways are polluted with floatables, litter that stays on the surface. Read some interesting facts on this common pollutant and how it affects our ecosystem.

**Pooper Scooper Program:** The Town of Babylon has implemented a program to encourage residents to pick up after their pet. Free pooper scoopers are provided to residents.

**Waterfowl Management Program:** The Town of Babylon has a major geese problem. Find out what we are doing to control the population, and why the geese are here to begin with.

**Only Rain Down the Storm Drain**

### Contact Information:

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And Stormwater Manager , Town of Babylon  
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Fax: (631) 422-7648

Victoria A. Russell, Commissioner

To report an illegal discharge down a storm drain or a stormwater complaint please contact Performance Management/Citizen Services at (631) 957-7474

