

MS4 Annual Report As of 3/9/10

The Town of Shelter Island was added to SPDES General Permit for Stormwater Discharges No. GP 0-008-02 on October 23, 2010, after filing a Notice of Intent on September 23, 2010.

MINIMUM CONTROL MEASURE 1. PUBLIC EDUCATION AND OUTREACH

I. Measures taken to date

- MS4 discussed with Town Board, in televised open meeting with audience, on 4/14/09, 4/21/09, 5/12/09, 6/30/09, 7/7/09, 7/14/09, 7/28/09, 8/4/09, 8/25/09, 11/4/09, 3/4/10, 3/23/10,
- Town Board established MS4 Committee on 11/13/09. Committee met on December 1, 2009 and February 5, 2010
- Town Board reviewing Model Illicit discharge law with public discussion
- Signs and bags for Pet Waste Collection installed at Town Beaches in Summer 2009 and remain there year-round
- The Town has held 4 STOP days for disposal of hazardous materials and advertised in the newspaper of each date
- Water Advisory Committee places ads in Shelter Island Reporter throughout year advising public on proper disposal of pharmaceuticals, minimize use of fertilizers
- Highway Superintendent helps organize annual “Trash Mash” on November 27, 2009 to clean up trash throughout Town of Shelter Island – publicized on 11/19/09, 11/26/09 and 12/3/09 in Shelter Island Reporter

- Town's Go Green Committee is organizing environmental fair on May 1, 2010, with special presentations on MS4 and stormwater runoff
- Town maintains year-round kiosk area in Town Hall with multiple handouts on the impacts of stormwater runoff, illicit discharges, and the value of protecting the water
- Town has prepared Homeowner Handbook, available at <http://www.shelterislandtown.us/gallery/pdfs/1.pdf> with information about stormwater runoff and wetland protection. These are distributed with new building permits and made available in kiosk area for public dissemination
- The Town has adopted Chapter 129 of the Shelter Island Town Code which establishes a 100' undeveloped area between the wetlands and any new construction. Any disturbance within that regulated area requires Town Board review, with mitigation measures designed to prevent or mitigate runoff issues. Each permit involves televised public hearings and extensive discussions about the impacts of runoff and measures necessary to protect against it, so that town residents are frequently exposed to this information. There were fourteen such hearings held and permits issued between March 2009 and March 2010. The Town code is available for public viewing at <http://www.ecode360.com/?custId=SH0746>
- Chapter 129 of the Town Code also prohibits the use of fertilizers and pesticides in any area within 100' of wetlands (see <http://www.ecode360.com/?custId=SH0746>) and has met with the NYS DEC to

allow active enforcement of this law as more restrictive than the DEC pesticide regulations.

- The Town has adopted Chapter 133 of the Shelter Island Town Code which establishes a Near Shore Overlay Zone along the perimeter of the entire Island, with special limitations on activities that affect runoff in this area. These limitations include requirements that septic systems be >100' from the wetlands, driveways must be of permeable material to discourage runoff, roof runoff must be directed into a drywell, and drains into wetlands are prohibited. The building inspectors review all construction applications for compliance with this code prior to issuance of a C.O. The Town code is available for public viewing at <http://www.ecode360.com/?custId=SH0746>
- The Town has adopted Chapter 82 of the Shelter Island Town Code which regulates irrigation. Pursuant to Section 82-5 of the Town Code, any new irrigation system is prohibited, and most pre-existing irrigation systems must be phased out of operation by September 1, 2013. The building inspector advises all applicants of this code. The Town code is available for public viewing at <http://www.ecode360.com/?custId=SH0746>
- The Town has included information about Stormwater on it's website at <http://www.shelterislandtown.us/hwyStormWater.ihtml>
- The Town has included information about property disposal of medicines, hazmat and e-waste on its website at <http://www.shelterislandtown.us/hwyrecycle.ihtml>
- Operation Medicine Cabinet was held on March 19 and 20, 2010 in which the town and school cooperated to collect and properly dispose of medications

- The Town has appointed a Conservation Advisory Committee to review actual and potential environmental threats and recommend corrections and mitigation. The minutes of their deliberations and recommendations are posted on the Town's website at <http://www.shelterislandtown.us/Minutes.ihtml>
- The Town has appointed a Water Advisory Committee to review the quality of the groundwater and steps necessary to protect it. The minutes of their deliberations and recommendations are posted on the Town's website at <http://www.shelterislandtown.us/Minutes.ihtml>
- The Town has appointed a Water Management Advisory Committee to review the health and protection of the town's saltwater creeks and bays. The minutes of their deliberations and recommendations are posted on the Town's website at <http://www.shelterislandtown.us/Minutes.ihtml>

II. Measures anticipated

- Annual Trash Mash to be continued in November 2010
- Annual Environmental Fair to be continued in 2011
- Illicit Discharge Law will be adopted

MINIMUM CONTROL MEASURE 2. PUBLIC INVOLVEMENT/PARTICIPATION

I. Measures taken to date

- Annual “Trash Mash” on November 27, 2009 inviting all citizens to clean up trash throughout Town of Shelter Island – publicized on 11/19/09, 11/26/09 and 12/3/09 in Shelter Island Reporter
- Public Hearing on MS4 Annual Report to be held in April 2010
- Public Comment received at fourteen wetland permit hearings held March 2009 to March 2010, relating to storm water runoff issues during and after construction

II. Measures anticipated

- Town is revising Comprehensive Plan and has been funded to perform LWRP visioning study about development near waterfront, which will provide insights into necessary storm water measures. Public meetings and hearing are an integral part of this grant project
- Town and Village of Dering Harbor have received joint funding to perform a Watershed Management Plan through the Department of State. The Department of State is in the process of preparing a work plan and contract that would allow the project to proceed. Public meetings and hearing are an integral part of this grant project

MINIMUM CONTROL MEASURE 3. ILLICIT DISCHARGE DETECTION AND ELIMINATION

I. Measures taken to date

- The Town does not have Auto Recyclers, Commercial Carwashes, Commercial Laundry, Distribution Centers, Food Processing Facilities, Hospitals, Industrial Process Water, Metal Plating Operations, Printing businesses and very little industry, which are a major focus of the MS4 requirements
- The Town has adopted Chapter 82 of the Shelter Island Town Code which regulates irrigation. Pursuant to Section 82-5 of the Town Code, any new irrigation system is prohibited, and most pre-existing irrigation systems must be phased out of operation by September 1, 2013. The building inspector advises all applicants of this code and actively enforces it. The Town code is available for public viewing at <http://www.ecode360.com/?custId=SH0746>
- The Town has established an MS4 Advisory Committee, including two councilpersons and the code enforcement officers, to review the Model Illicit Discharge Law and come up with an enforcement protocol
- Any new construction or substantial renovation or addition is referred to the Suffolk County Health Department to review and upgrade the existing well and septic systems. This usually results in the elimination of older nonconforming septic systems or greywater discharges and replacement with modern systems which are located >100' from the wetlands. The 2009 building inspector's annual report shows that there were 22 such projects

II. Measures anticipated

- Adoption of the Model Illicit Discharge Law with enforcement protocols
- Establishment of Hotline for reporting violations

MINIMUM CONTROL MEASURE 4 & 5. CONSTRUCTION SITE AND POST CONSTRUCTION CONTROL

I. Measures taken to date

- Section 133-25 of the Shelter Island Town Code provides that “ No stormwater runoff or natural drainage water on any piece of property shall be so diverted as to overload existing drainage systems or create flooding or the need for additional drainage structures on other private properties or public lands”. The Town code is available for public viewing at <http://www.ecode360.com/?custId=SH0746>. The building inspectors enforce this provision of the Town Code during regular building inspections and upon complaint.
- The Town has adopted Chapter 129 of the Shelter Island Town Code which establishes a 100’ undeveloped area between the wetlands and any new construction. Any disturbance within that regulated area requires Town Board review, with mitigation measures designed to prevent or mitigate runoff issues. Controls to prevent construction runoff are an integral part of each review and permit. There were fourteen such hearings held and permits issued between March 2009 and March 2010. The Town code is available for public viewing at <http://www.ecode360.com/?custId=SH0746>
- The Town has acquired a StormVac truck and regularly cleans out drywells to keep them functioning properly and to collect and properly dispose of stormwater runoff. The Town has used this equipment to clean out 63 drywells in the period between March 9, 2009 and March 9, 2010.

- The Town plans to contract with private and public entities to vacuum private storm drains.

II. Measures anticipated

- Adoption of Model SWMPP Law
- Training of building inspectors and local contractors

MINIMUM CONTROL MEASURE 5. POST CONSTRUCTION STORMWATER MANAGEMENT

I. Measures taken to date

- The Town has obtained a grant from the Peconic Estuary Program, based on the Horsley Witten report on West Neck Bay, to install a bioretention facility and micro-bio inlet in this area, which are advanced technologies the town may use as a model for other areas
- The Town has adopted the Near Shore Overlay Zone to impose strict regulation on activities on properties with an elevation of 2', including all waterfront properties. These limitations include requirements that septic systems be >100' from the wetlands, driveways must be of permeable material to discourage runoff, roof runoff must be directed into a drywell, and drains into wetlands are prohibited. The building inspectors review all construction applications for compliance with this code prior to issuance of a C.O. The Town code is available for public viewing at <http://www.ecode360.com/?custId=SH0746>
- The Town has applied for mini-grant funding from the Peconic Estuary Program to create a model rain garden system in the center of town. If funded, the town would involve the nearby school and use this as a model to educate students and residents on the benefits of rain gardens to collect stormwater runoff
- The Town is in the process of updating it's Comprehensive Plan. The environment is a high priority items for public comment and education.

II. Measures anticipated

- Adoption of Model SWMPP Law
- Training of building inspectors and residents

MINIMUM CONTROL MEASURE 6. STORMWATER MANAGEMENT FOR MUNICIPAL OPERATIONS

I. Measures taken to date

- The Town has cleaned 63 catch Basins and drywells.
- The Town removed 132 yards of debris from these catch basins and drywells
- Between 2002 and 3/2010 the town has installed 33 Catch basin/drywell systems to capture storm water.
- The Town sweeps the roads annual and collected 400 yards of road sweepings in 2009
- The Town has commenced the installation of Doggie Bags dispensers Town beaches and Parks, together with signage
- The Town provides Haz-Mat collection at the transfer station facility, generally on the first Saturday of each month
- The Town Department of Public Works prepares Recycling fliers in-house and puts them out for distribution

II. Measures anticipated

- The Town has plans to install twenty-one Catch basin/drywells, to be installed either thru grants received or thru Town Highway funds
- To install Vegetative swales to collect storm water
- To plan and hold a Town-wide beach clean-up day event
- To continue to continuously clean catch basin/drywells and sweeping of roads
- To expand public education on recycling issues

- To continue and expand on the installation of doggie bag dispensers at town parks and beaches

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