

***NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER SUPPLY***

*Submit report on the implementation of stormwater best management practices, the implementation of community-wide stormwater infrastructure assessment and planning program, and efforts to expand the program.*

January 31, 2012

*Prepared in accordance with Section 3.5 (concerning the Stormwater Retrofit Program) of the July 2007 United States Environmental Protection Agency Filtration Avoidance Determination*

Prepared by: New York City Department of Environmental Protection

During the second part of 2011, eight (8) West of Hudson Future Stormwater Controls Program resolutions were passed by the Catskill Watershed Corporation (CWC) Board of Directors

6/6/2011	1934	Future Stormwater – Paul Cheney
7/5/2011	1953	Future Stormwater – Joseph Mugnai – additional costs
8/2/2011	1967	Future Stormwater – L E T (DG) LLC – Dollar General
9/13/2011	1982	Future Stormwater – Kenneth Hoffman
10/4/2011	2000	Future Stormwater – Gerardo Mato
10/4/2011	2001	Future Stormwater - Winter Partners (Enclave)
12/6/11	2014	Future Stormwater – DeFrancesco – additional costs
12/6/11	2015	Future Stormwater – Delaware Park LTD – repair funding

**Resolution Number 1934** – The CWC Board of Directors approved funding to Paul Cheney in an amount not to exceed Two Thousand Four Hundred Forty-Six Dollars and Fifty Cents (\$2,446.50) for costs incurred solely due to DEP requirements, including meetings with DEP and a pollutant loading analysis at his property in Lake in the Sky subdivision located in South Gilboa, Schoharie County.

**Resolution Number 1953** – The CWC Board of Directors approved an amended not-to-exceed amount of Thirty-One Thousand Seventy-Three Dollars and Fifty Cents (\$31,973.50) for the Joseph Mugnai Future Stormwater Project located in the McMurdy Brook subdivision, Town of Kortright, Delaware County.

**Resolution Number 1967** – The CWC Board of Directors approved a not-to-exceed amount of Thirty-Nine Thousand Nine Hundred Seventy Dollars and Sixty-Three Cents (\$39,970.63), representing 50% of the total eligible cost for L E T (DG) LLC, located in the Village of Margaretville, Delaware County.

**Resolution Number 1982** – The CWC Board of Directors approved funding to Kenneth Hoffman in an amount not to exceed Six Thousand Seven Hundred Eighty Dollars (\$6,780.00) for the design of an eligible project located in the McMurdy Brook subdivision in the Town of Kortright, Delaware County.

**Resolution Number 2000** – The CWC Board of Directors approved funding to Gerardo Mato in an amount not to exceed Sixty-Three Thousand Five Hundred Dollars (\$63,500.00) for costs incurred solely due to DEP requirements, including meetings with DEP at his property located in the Town of Windham, Greene County.

**Resolution Number 2001** – The CWC Board of Directors approved a not-to-exceed amount of Forty-One Thousand Three Hundred Fifty-Eight Dollars and Four Cents (\$41,358.04), representing 50% of the total eligible cost for Winter Partners (Enclave), located in the Town of Windham, Greene County.

**Resolution Number 2014** – The CWC Board of Directors approved additional funding to Gerry and Hilary DeFrancesco in the amount of One Thousand Three Hundred Thirty-Eight Dollars and Nine Cents (\$1,338.09) for a total not-to-exceed amount of Ninety-Four Thousand Five Hundred Eighty-Eight Dollars and Nine Cents (\$94,588.09) for costs incurred solely due to DEP requirements at his property located in the Town of Kortright, Delaware County.

**Resolution Number 2015** – The CWC Board of Directors approved repair funding in a not-to-exceed amount of Seven Thousand Dollars (\$7,000.00) for the Delaware Park LTD (Margaretville Carwash) Future Stormwater Project that was damaged by Tropical Storm Irene.

During the second part of 2011, the CWC Board of Directors approved two (2) resolutions related to the Stormwater Retrofit Program:

6/7/2011	1935	Stormwater Retrofit – additional O&M Funding - Sugar Maples
12/6/11	2016	Stormwater Retrofit – MCS – repair funding

**Resolution Number 1935** – The CWC Board of Directors authorized the President and/or Executive Director to enter into a contract with the Greene County Soil & Water Conservation District to provide an additional Three Hundred Twelve Dollars and Sixty-Seven Cents (\$312.67) in maintenance funds for total maintenance funding of Twenty Thousand Eight Hundred Sixty-Seven Dollars and Seventeen Cents (\$20,867.17), representing 17.6% of the total CWC Stormwater Retrofit Funds expended on the Sugar Maples project.

**Resolution Number 2016** – The CWC Board of Directors approved repair funding in a not-to-exceed amount of Twenty-Five Thousand Dollars (\$25,000.00) for the Margaretville Central School Future Stormwater Project that was damaged by Tropical Storm Irene.

Sixty-six (66) stormwater retrofit projects have been completed since 2000 under the CWC Stormwater Retrofit Program. Twelve stormwater retrofit projects are open – (9) construction projects and three (3) Planning and Assessment projects. The table below provides a summary status of active stormwater retrofit construction projects.

**Stormwater Retrofit Program – Construction Grants – Open Projects.**

Applicant	Project Area	Project Description	Approval Date	Status
1 Village Of Andes	Delaware County Route 2 & Coulter Rd	Installation of Collection, Conveyance and Sedimentation Devices for Stormwater Drainage from Medium Density Residential, Commercial and County Highway Surfaces	1/27/04	Construction

2	Village of Tannersville	Hunter Foundation	Design and installation of stormwater collection, conveyance, and treatment structures	5/27/08	90% Complete
3	Village of Delhi	Delhi Stormwater Mitigation Measures	Implementation of stormwater mitigation practices to reduce inflow & infiltration into Delhi sanitary sewer collection system	6/24/08	Open
4	Town of Roxbury	Lake Street	Design of stormwater collection, conveyance, and treatment structures	8/26/08	Design
5	Town of Andes	High Street	design and installation of stormwater collection, conveyance, and treatment structures	8/26/08	Design
6	Town of Ashland	Ashland	Design and installation of stormwater collection, conveyance, and treatment structures	9/23/08	90% Complete
7	Town of Shandaken	Highway Garage	Design of stormwater collection, conveyance, and treatment structures	4/7/09	Design
8	Mountain Top Library	Haines Falls Free Library	Design and installation of stormwater collection, conveyance, and treatment structures	11/3/09	95% Complete
9	Town of Shandaken	Pine Hill Design	Design of stormwater collection, conveyance, and treatment structures	2/2/10	Design

A total of twelve (12) stormwater retrofit Planning and Assessment projects have been completed with program funding, while three (3) are open. The table below lists the Planning and Assessment projects to be completed.

**Stormwater Retrofit Program – Planning & Assessment Grants – Open Projects**

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	Applicant	Approved	Approval	Status
1	Margaretville (V)	\$ 49,990.00	10/24/06	Open
2	Andes (T)	\$ 35,275.00	5/5/09	Open
3	Ashland (T)	\$ 42,491.50	10/6/09	Open