

***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.*

July 31, 2013

*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 first half of 2013, five (5) West of Hudson Future Stormwater Controls Program resolutions were passed by the Catskill Watershed Corporation (CWC) Board of Directors

2/5/13	2247	Future Stormwater – O’Connor Hospital Andes Clinic
2/5/13	2248	Future Stormwater – Gerardo Mato - additional costs
3/5/13	2259	Future Stormwater – Scott Jaeger - design funding
3/5/13	2260	Future Stormwater – Edward Kaplan - design and construction funding
4/2/13	2267	Future Stormwater – Harold and Sharon Cole - design funding

**Resolution Number 2247** – The CWC Board of Directors approved funding to O’Connor Hospital for design and construction of new stormwater controls related to the construction of the Andes Medical Center in an amount not-to-exceed Eighty-Three Thousand Six Hundred Eighteen Dollars and Two Cents (\$83,618.02), representing 100% of total eligible cost. The property is located in Andes, Delaware County.

**Resolution Number 2248** – The CWC Board of Directors approved additional funding to Gerardo Mato for additional design and construction costs to complete an eligible project in an amount not-to-exceed Twenty-Eight Thousand One Hundred Nine Dollars and Eleven Cents (\$28,109.11), representing 100% of the total eligible cost. The property is located in the Town of Windham, Greene County.

**Resolution Number 2259** – The CWC Board of Directors approved funding to Scott Jaeger for reimbursement of 100% of eligible design costs in the amount of Twenty-Seven Thousand Nine Hundred Fifty-Seven Dollars and Forty-Seven Cents (\$27,957.47) for the design of new stormwater controls related to the development of a three lot subdivision in the Town of Windham, Greene County.

**Resolution Number 2260** – The CWC Board of Directors approved funding to Edward Kaplan for reimbursement of eligible costs in an amount not-to-exceed Five Thousand Eight Hundred Sixty-Two Dollars and Fifty-Six Cents (\$5,862.56), representing 50% of the total eligible cost. The property is located in the Village of Hunter, Greene County.

**Resolution Number 2267** – The CWC Board of Directors approved funding to Harold and Sharon Linda Cole for reimbursement of eligible design costs related to improvements made to an old farm road in the amount of Eighteen Thousand Nine Hundred Ten Dollars (\$18,910.00), representing 100% of the total eligible cost. The property is located in the Town of Andes, Delaware County.

During the first half of 2013, the CWC Board of Directors approved three (3) resolutions related to the Stormwater Retrofit Program:

1/8/13	2241	Stormwater Retrofit – Program Contract
5/7/13	2279	Stormwater Retrofit – O&M Funding 2013

6/4/13	2311	Stormwater Retrofit -- Town of Roxbury – Lake Street
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**Resolution Number 2241** – The CWC Board of Directors reviewed and approved the Stormwater Retrofit II Program Contract Change Order. As a condition of the 2007 FAD and pursuant to the 2010 Water Supply Permit, DEP agreed to provide additional funding to the Stormwater Retrofit Program to allow the Program to continue at a level of activity that has been maintained since the inception of the Program.

**Resolution Number 2279** – The CWC Board of Directors authorized the CWC President and/or Executive Director to execute Maintenance Contracts with the applicants and in the amounts listed below:

Applicant	Total CWC Funding	Maximum O&M Reimbursement
Andes (T) – Co. Rte. 2/ Coulter Rd	\$957,357.84	\$168,494.98
Andes (T) – High Street	\$239,710.23	\$42,189.00
Mountain Top Library	\$195,983.07	\$34,493.02
Walton (T) – Oxbow Hollow	\$114,024.54	\$20,068.32
Walton (T) – Walton Mtn. Rd.	\$71,949.33	\$12,663.08
Walton (T) – Bob Gould Rd.	\$58,824.41	\$10,353.10
Fleischmanns (V) – Schneider Ave.	\$185,674.72	\$32,678.75
Windham Mountain	\$279,495.08	\$49,191.13
Roxbury (T) – Lake St. Land Acq.	\$48,533.59	\$8,541.91
Windham (T) – Masonic Temple	\$22,474.90	\$3,955.58

**Resolution Number 2311** – The CWC Board of Directors approved a not-to-exceed amount of One Million Three Hundred and Thirty-Three Thousand, Five Hundred and Nine Dollars and Sixty-Three Cents (\$1,333,509.63) for the construction of stormwater controls associated with the Lake Street retrofit project.

Seventy-two (72) stormwater retrofit projects have been completed since 2000 under the CWC Stormwater Retrofit Program and ten (10) stormwater retrofit projects are open – (7) 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 Tannersville	Hunter Foundation	Design and installation of stormwater collection, conveyance, and treatment structures	5/27/08	90% Complete

2	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
3	Town of Roxbury	Lake Street	Design of stormwater collection, conveyance, and treatment structures	8/26/08	Construction
4	Town of Shandaken	Highway Garage	Design of stormwater collection, conveyance, and treatment structures	4/7/09	Design
5	Town of Shandaken	Pine Hill Design	Design of stormwater collection, conveyance, and treatment structures	2/2/10	Design
6	Town of Tompkins	Hamlet of Trout Creek SSIP	Design of stormwater collection, conveyance, and treatment structures	2/7/12	Construction
7	Town of Lexington	Hamlet of Lexington	Design of stormwater collection, conveyance, and treatment structures	5/1/12	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**

	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