

CATSKILL WATERSHED CORPORATION
Wastewater / Stormwater Committee Agenda
Tuesday, November 5, 2024 @ 9:00AM

- I. Call to Order
- II. Review minutes from October 1, 2024 meeting
- III. Wastewater / Stormwater

1. Community Wastewater Management Program

General Project Updates:

CWMP III

- New Kingston
- Halcottsville
- Shokan

2. Future Stormwater Program

Birchwood Sponsor LLC

Program: FSW/MOA-145

Address: County Road 77, Jewett NY

Engineer: Stinemire Engineering

Contractor: Green Mountain Contracting Inc

Tax Parcel ID: 129.00-3-4

Project Description:

On May 25, 2023 DEP approved the Stormwater Pollution Prevention Plan (SWPPP) for the Birch Woods Subdivision located at County Route 77 in the Town of Jewett, Greene County, New York. The project will disturb over 5 acres requiring NYC DEP review and approval of a SWPPP to meet Watershed Regulations. In addition, a SWPPP was required for coverage under the NYS DEC “General Permit for Stormwater Discharges from Construction Activities” (GP-0-20-001).

The project consists of dividing a 70 acre parcel of land into a 12-lot residential subdivision. The total site disturbance for this project is ~14-acres. Stormwater controls proposed at the site include erosion and sediment controls, residential rain gardens, grass lined drainage swales, culverts and stone check dams, three large lined bioretention basins and associated plantings.

Birchwood Sponsor LLC submitted an application on October 1, 2024. Engineering and construction costs with a 15% contingency totaled Four Hundred Forty-Three Thousand Five Hundred Sixty-Eight Dollars and Thirty-Four Cents (\$443,568.34). The applicant has elected for 50% reimbursement of all NYCDEP and NYSDEC stormwater costs, the applicant is also considered a small business, therefore funding will be divided between the Future Stormwater Program and the MOA 145 or One Hundred Ten Thousand Eight Hundred Ninety-Two Dollars and Eight Cents (\$110,892.08) from each program.

COST BREAKOUT	
Design:	\$45,000
Construction:	\$340,711.60
Total:	\$385,711.6
15% Contingency:	\$57,856.74
TOTAL:	\$443,568.34
50% Election	\$221,784.17
PROGRAM ALLOCATION	
FSW Funding	\$110,892.08
MOA-145 Funding	\$110,892.08

The CWC recommends reimbursement of up to One Hundred Ten Thousand Eight Hundred Ninety-Two Dollars and Eight Cents (\$110,892.08) from both the Future Stormwater Program and the MOA-145 Program to Birchwood

Sponsor LLC for the design and construction costs of implementing a SWPPP required by NYC Watershed Regulations and NYS General Permit.

Recommended Future Stormwater Funding Request not to exceed \$110,892.08
Recommended MOA-145 Funding Request not to exceed \$110,892.08

Kevin Jones

Program: Future Stormwater

Address: Lot 1, Clum Hill Road, Hunter, NY

Engineer: Kaaterskill

Contractor: The Amendola Group, Inc.

Tax ID #: 182.00-3-31

Project Description:

On August 6, 2024 DEP approved the SWPPP for Kevin Jones Residence located at Lot 1 Clum Hill Road, Town of Hunter. The project consists of constructing a single family residential home. The project is part of a larger common plan of development resulting in greater than 5-acres of land disturbance requiring NYC DEP review and approval of a SWPPP to meet Watershed Regulations. In addition, a SWPPP was required for coverage under the NYS DEC “General Permit for Stormwater Discharges from Construction Activities” (GP-0-20-001).

Stormwater controls at the site include erosion and sediment controls, drainage swales, curtain drains, culverts, level spreaders, two planters, and four rain gardens.

Kevin Jones submitted an application on September 10, 2024. Engineering and construction costs with a 15% contingency totaled One Hundred Seventy-Four Thousand Nine Hundred Forty-Four Dollars and Eighty-Four Cents (\$174,944.84). The applicant has elected for 50% reimbursement of all NYCDEP and NYSDEC stormwater costs or Eighty-Seven Thousand Four Hundred Seventy-Two and Forty-Two Cents (87,472.42).

COST BREAKOUT	
Design:	\$11,925.95
Construction:	\$140,200
Total:	\$152,125.95
15% Contingency:	\$22,818.89
TOTAL:	\$174,944.84
50% Election	\$87,472.42
PROGRAM ALLOCATION	
FSW Funding	\$87,472.42
MOA-145 Funding	\$0

The CWC recommends reimbursement of up to Eighty-Seven Thousand Four Hundred Seventy-Two and Forty-Two Cents (87,472.42) to Kevin Jones for 50% of the costs associated with designing and implementing a SWPPP required by the Watershed Regulations and the DEC General Permit.

Recommended Future Stormwater Funding not-to-exceed: \$87,472.42

GDP Partners, LLC

Program: FSW/MOA-145

Address: Anchor Camp Road Windham, NY

Engineer: Boswell Engineering

Contractor: Windham Equipment Rental

Tax Parcel ID: 79.00-4-95

Project Description:

On December 15, 2016 DEP approved the Stormwater Pollution Prevention Plan (SWPPP) for GDP Partners LLC located at Anchor Camp Road in the Town of Windham, Greene County, New York. The project disturbed over 5

acres requiring NYC DEP review and approval of a SWPPP to meet Watershed Regulations. In addition, a SWPPP was required for coverage under the NYS DEC “General Permit for Stormwater Discharges from Construction Activities” (GP-0-20-001).

The project included the construction of a 10-lot residential subdivision with associated access road. The road has been constructed and all lots have been sold and some developed with residences and associated stormwater controls. Since the original SWPPP approval, there were changes in the design to the cul-de-sac at the end of the road. These changes were based on the parameters set by the Town of Windham taking ownership of the road and requesting the bio-retention basin in the middle of the cul-de-sac to be moved in order to allow for turnaround access for large Town vehicles. The design costs in this application only represent the changes in the SWPPP for the cul-de-sac re-design due to CWC program rules only reimbursing for one eligible SWPPP and the change not being a requirement of DEP. The applicant chose to reimburse the change in SWPPP design versus the original SWPPP due to lack of documentation of those original design costs.

Stormwater components for the site include erosion and sediment controls, drainage swales, culverts, gravel diaphragms, multiple large bioretention basins and associated plantings. Construction costs reflect site constraints and steep topography of the site with some bioretention basins and drainage pipes being cut to a depth of 12 feet.

GDP Partners LLC submitted an application on May 23, 2024. CWC removed Seventy-Five Thousand dollars of ineligible costs. Engineering and construction costs with a 15% contingency totaled One Million One Hundred Twenty-Six Thousand Three Hundred Ten Dollars (\$1,126,310). The applicant has elected for 50% reimbursement of all NYCDEP and NYSDEC stormwater costs, the applicant is also considered a small business, therefore funding will be divided between the Future Stormwater Program and the MOA 145 or Two Hundred Eighty-One Thousand Five Hundred Seventy-Seven Dollars and Fifty Cents (\$281,577.50) from each program.

COST BREAKOUT	
Design:	\$38,100
Construction:	\$941,300
Total:	\$979,400
15% Contingency:	\$146,910
TOTAL:	\$1,126,310
50% Election	\$563,155
PROGRAM ALLOCATION	
FSW Funding	\$281,577.50
MOA-145 Funding	\$281,577.50

The CWC recommends reimbursement of up to Two Hundred Eighty-One Thousand Five Hundred Seventy-Seven Dollars and Fifty Cents (\$281,577.50) from both the Future Stormwater Program and the MOA-145 Program to GDP Partners LLC for the design and construction costs of implementing a SWPPP required by NYC Watershed Regulations and NYS General Permit.

Recommended Future Stormwater Funding Request not to exceed \$281,577.50
Recommended MOA-145 Funding Request not to exceed \$281,577.50

Bearpen Mountain Sports Facility

Program: FSW/MOA-145

Address: 1491 County Route 2, Prattsville, NY 12468

Engineer: Praetorius & Conrad P.C.

Contractor: James Rion Construction/ Blue Mountain Excavation

Tax Parcel ID: 107.00-7-3

Project Description:

On October 27, 2022 DEP approved the Stormwater Pollution Prevention Plan (SWPPP) for Bearpen Mountain Sports Facility located at 1491 County Route 2 in the Town of Prattsville, Greene County, New York. This approval is an expansion of the original SWPPP approved on December 22, 2016. The original SWPPP required post construction controls from both NYC DEP Watershed Regulations and NYS DEC “General Permit for Stormwater Discharges from Construction Activities” (GP-0-20-001). NYC DEP issued construction acceptance for the original SWPPP on November 1, 2018 and NYS DEC terminated the SPDES permit on October 25, 2018.

Coverage under the NYS DEC General Permit was not required for this SWPPP expansion as the total project site disturbance is less than one (1) acre. NYC DEP issued Construction Acceptance for the expansion on September 18, 2024.

The completed project included construction of a new building and associated water and sewer systems. Stormwater components required consisted of erosion and sediment controls, temporary construction access road and a bioretention basin.

Bearpen Mountain Sports submitted an application on October 10, 2024. Engineering and construction costs totaled Forty-Three Thousand Two Hundred Thirty-Eight Dollars and Fifty-Three Cents (\$43,238.53). The applicant has elected for 100% reimbursement of all NYCDEP stormwater as there was no NYS DEC requirements for the site. The applicant is a small business therefore costs will be divided between the Future Stormwater Program and the MOA 145 Program, or Twenty-One Thousand Six Hundred Nineteen Dollars and Twenty-Six Cents (\$21,619.26) from each program.

COST BREAKOUT	
Design:	\$5,600
Construction:	\$37,638.53
Total:	\$43,238.53
15% Contingency:	\$0
TOTAL:	\$43,238.53
100% Election	\$43,238.53
PROGRAM ALLOCATION	
FSW Funding	\$21,619.26
MOA-145 Funding	\$21,619.26

The CWC recommends reimbursement of up to Twenty-One Thousand Six Hundred Nineteen Dollars and Twenty-Six Cents (\$21,619.26) from both the Future Stormwater Program and from the MOA-145 Program to Bearpen Mountain Sports for the design and construction costs of implementing a SWPPP required by NYC Watershed Regulations.

Recommended Future Stormwater Funding Request not to exceed \$21,619.26
Recommended MOA-145 Funding Request not to exceed \$21,619.26

Worcester Creameries Corp

Program: FSW

Address: 55724 Route 30 Roxbury, NY

Engineer: Kaaterskill Associates

Tax Map ID: 134.-1-15.2

Project Description:

On March 8, 2024 NYC DEP approved a Stormwater Pollution Prevention Plan (SWPPP) for the Worcester Creameries Corp property located at 55724 Route 30 in Roxbury, NY. The project consists of constructing new impervious surfaces within 100’ of a wetland/watercourse therefore requiring NYC DEP review and approval of a SWPPP to meet Watershed Regulations. Coverage under the NYS DEC General Permit was not required as the total project site disturbance is less than one (1) acre.

The DOT has suggested Worcester Creameries Corp to pave over their parking areas to eliminate tracing of sediment on to NYS RT 30. A portion of the area to be paved is within 100 setback to a wetland. Stormwater controls include erosion and sediment controls, ADS Baysaver Technologies BayFilter system, 10 deep sump catch basins, 13 culverts, stone diaphragm, and extending the existing grass swale and a vegetated buffer along the wetland.

Worcester Creameries Corp submitted an application on September 24, 2024 representing actual design costs which totaled Seventy Thousand One Hundred Twenty-Six Dollars and Fifty-Eight Cents (\$70,126.58). The applicant has elected for 100% reimbursement of all NYCDEP stormwater as there was no NYS DEC requirements for the site. The funding will be allocated from the Future Stormwater program.

COST BREAKOUT	
Design:	\$70,126.58
Construction:	\$0
Total:	\$70,126.58
15% Contingency:	\$0
TOTAL:	\$70,126.58
100% Election	\$70,126.58
PROGRAM ALLOCATION	
FSW Funding	\$70,126.58
MOA-145 Funding	\$0

The CWC recommends reimbursement of up to Seventy Thousand One Hundred Twenty-Six Dollars and Fifty-Eight Cents (\$70,126.58) from the Future Stormwater Program to Worcester Creameries Corp for design costs of implementing a SWPPP required by NYC Watershed Regulations.

Recommended Future Stormwater Funding Request not to exceed \$70,126.58

3. Stormwater Retrofit Program

Town of Shandaken-Pine Hill Community Center Feasibility Study

Program: Retrofit III

Address: 287 Main St, Pine Hill, NY 12465

Engineer: SLR Engineering, Landscape Architecture, and Land Surveying, P.C.

Project Description:

On August 23, 2024 CWC received an application from the Town of Shandaken for their Community Center located at 287 Main Street in Pine Hill, Town of Shandaken, Ulster County. The application addresses a feasibility study for an up-to amount of \$12,280. NYC DEP application approval was received on October 7, 2024.

The Town of Shandaken experiences frequent, localized stormwater runoff along Main Street which has negatively impacted residences, commercial areas and the community space in Pine Hill. The stormwater runoff results in erosion and transport of sediment and stormwater pollutants into Birch Creek. The Town is looking to identify practical options for stormwater treatment options at the Community Center. SLR will conduct field observations, tests, and site measurements to determine the suitability of the site for the implementation of stormwater practices. If the site is determined to be suitable for stormwater treatment, they will provide recommendations on the type of treatments, sizing of practices, pollutant removal rates, and opinion of costs.

The CWC recommends reimbursement of up to \$12,280 to the Town of Shandaken for feasibility design costs associated with retrofitting their Community Center with stormwater best management practices.

Recommended Retrofit Funding not-to-exceed \$12,280

Village of Fleischmanns Lake Street

Program: Retrofit III

Address: Lake Street and Main Street

Engineer: Delaware Engineering

Contractor: Tweedie Construction

Project Description:

On October 19, 2023 NYC DEP issued a Closure Letter for the Lake Street Stormwater Retrofit project located on Lake Street and Main Street in the Village of Fleischmanns.

The project consisted of treating runoff from Lake Street, Main Street and runoff from the Firehouse, Village DPW building, and adjacent paved areas. Stormwater controls included installing new catch basins and piping along Lake Street, vegetated swales with check dams, gravel diaphragms, rain gardens, bioretention areas and a hydrodynamic

separator treatment unit. Maintenance requirements include routine inspection and clean out of all components of the installed stormwater system.

The CWC Board of Directors approved resolution #3823 for \$398,181.75 for design and construction of this retrofit project. Final design and construction costs came in under budget and amounted to Two Hundred Sixty-Four Thousand Seven Hundred Six Dollars and Eighty-Nine Cents (\$264,706.89). The Village of Fleischmanns has submitted an application for Operation and Maintenance funds for 17.6% of the final stormwater costs for Forty-Six Thousand Five Hundred Eighty-Eight Dollars and Forty-One Cents (\$46,588.41).

The CWC recommends reimbursement of up to Forty-Six Thousand Five Hundred Eighty-Eight Dollars and Forty-One Cents (\$46,588.41.70) from the Retrofit III Program to The Village of Fleischmanns for Operation and Maintenance of the Stormwater Controls.

Recommended Stormwater Retrofit O&M Funding: not to exceed \$46,588.41.

4. Local Flood Hazard Mitigation

Property Owner: Jeff Beatty
Contact Person: Jeff Beatty
Address: 12064 Rt. 23, Ashland, NY 12407
LFA Recommendation: Yes
Project Category: Property Protection Measures
Phase: Construction Funding for elevation of structure
Project Description:

Jeff Beatty of 12064 Rt. 23, Ashland is requesting Construction funding in the amount of \$215,930.00 to elevate his structure as per the recommendations provided to him in the Feasibility Study and Design that was completed by LaBella and funded and approved by CWC. Per the engineers calculations the building will need to be elevated to be 3' above grade to meet the local law for flood protection measures. This project will also include flood proofing measures such as the installation of flood vents, a new poured foundation and adding on a mechanical room to have all utilities moved from the basement into this room to be above the BFE.

The project site is located within the flood hazard areas of the Batavia Kill Stream and the West Hollow Brook, Zone A.

The Town of Ashland completed and accepted their Local Flood Analysis (LFA) in December of 2018 and Property Protection Measures are identified for private property owners.

CWC staff has met on site with the owner as well as LaBella engineers throughout the feasibility study and design phases. The Construction cost estimates have increased from the original engineering estimate of \$181,770.00 which was done in 2022 to now \$215,930.00. This estimate includes funding of both elevation construction and wet flood proofing measures. CWC is in support of this application being funded for the \$215,930.00.

Property Owner: Russell Catsoris
Contact Person: Russell Catsoris
Address: 156 Cohen Road, Prattsville, NY 12468
LFA Recommendation: Yes
Project Category: Property Protection Measures
Phase: Debris Removal
Project Description:

Russell Catsoris of 156 Cohen Road, Prattsville, NY is requesting an amount of funding in the amount of \$1,250.00 for the removal of flood debris from a culvert on his private road-Cohen Road directly downstream of a culvert that was cleaned out by DEP staff after the August 9th storm event. Mr. Catsoris had paid a local contractor to repair all the damages to his culvert which totaled \$14,250.00 and separated the removal of the woody debris in his invoice for an amount of \$1,250.00.

See attached photos of the damages, debris and final restoration.

CWC staff has been to the site and supports the funding of this application even though the owner was proactive and getting the work done prior to the required reviews per the contract.

Property Owner: Town of Halcott
Contact Person: Samantha Bouton-Supervisor
Address: 264 County Rt. 3, Halcott Center, NY 12430
LFA Recommendation: Yes
Project Category: Relocation Assistance
Phase: Construction Design
Project Description:

The Town of Halcott is requesting funding in the amount of \$53,909.00 to complete the design needed for the construction of a new Highway Garage to be relocated and built outside of the flood hazard area. The total construction cost for this new Highway Garage is estimated at \$539,091.00 so the requested design costs are 10% of that.

The Town has secured a 5 acre piece of property that has been deeded to the Town from the DEP near the existing property that will have a separate entrance and the new building would be out of the flood hazard area. During Tropical Storm Irene in 2011 the existing Highway Garage sustained approximately \$34,000.00 of damages and the road to access the critical facility was completely blocked off with flood waters and debris and inaccessible. The Town of Halcott completed and accepted their Local Flood Analysis (LFA) in 2020 and in the LFA the Highway Garage is recommended to be relocated since it is a Critical Facility. CWC staff recommends the design funding for the Town of Halcott Highway Garage.

Property Owner: Greene County
Contact Person: Michelle Yost
Address: 411 Main Street, Suite 408, Catskill, NY 12414
LFA Recommendation: Yes
Project Category: Relocation Assistance
Phase: Feasibility Study
Project Description:

Greene County is requesting funding in the amount of \$10,000.00 to complete a Feasibility Study for studying the relocation of its highway garage in Ashland that is currently within the AE flood hazard area of the Batavia Kill Stream.

This facility has been flooded three times since 1996 and large amounts of fuel and contaminants enter the NYC water supply. This is considered as a Critical Facility and access is needed at all times and during flood events this facility cannot be accessed.

The Town of Ashland completed and accepted their Local Flood Analysis (LFA) in November of 2018. In the LFA it is strongly recommended to relocate this facility to land outside of the floodplain. In this study Greene County would like to evaluate other possible properties for relocation.

CWC staff has reviewed the application and supports the funding for this relocation application along with support from a resolution from the Greene County Legislature.

Property Owner: PMH Properties
Contact Person: Phil Hanley
Address: 137 Delaware Street, Walton, NY 13856
LFA Recommendation: Yes
Project Category: Property Protection Measures
Phase: Additional Construction Funding
Project Description:

Phil Hanley owner of PMH Properties in Walton is requesting additional funding to his original contract and the additional funding portion of his contract that was approved by the CWC Board of Directors. The original contract that was approved was in the amount of \$698,463.75, Resolution 4506. The additional funding request that was approved in the amount of \$84,887.79, Resolution 5047.

During the construction phase of the project Phil Hanley had a couple of change orders that he had discussed with myself and Jason about paying for these. It was decided that Phil could use funding from his original contract to cover these costs and would be reimbursed at the end of the project. The amount Phil is requesting to cover these added expenses are as follows.

1. \$1,054.71 for additional work to install a backflow preventer on the sewer line.
2. \$806.25 for a change order for the fire escape concrete landing.

3. \$4,245.00 for code required egress window to the newly installed fire escape for meeting the means of egress code requirement.
4. Total amount being requested for additional funding is \$6,105.96. I have been on site and have included pictures of this work. CWC staff supports the additional funding request in order to complete this project.

5. Other:

IV. Next meeting scheduled for Tuesday, December 3, 2024 @ 9:00AM

V. Adjournment