

CATSKILL WATERSHED CORPORATION
Wastewater / Stormwater Committee Agenda
Tuesday April 2, 2024 @ 9:00AM

- I. Call to Order
- II. Review minutes from March 5, 2024 meeting
- III. Wastewater / Stormwater

1. Community Wastewater Management Program

General Project Updates:

CWMP III

New Kingston
Halcottsville
Shokan

2. Future Stormwater & MOA-145 Programs

Village of Tannersville – Rip Van Winkle Lake Park

Program: Future Stormwater

Address: 33 Upper Lake Road, Tannersville, NY

Engineer: Studia A Landscape, Architecture, & Engineering

Contractor: Blue Spruce Nursery, Inc

Project Description:

On October 14, 2022, DEP approved the Stormwater Pollution Prevention Plan (SWPPP) for the Village of Tannersville Rip Van Winkle Lake Park located at 33 Upper Lake Road in Tannersville, Greene County, New York.

The project will disturb 5.4 acres of land, therefore, a SWPPP addressing erosion and sediment controls as well as post construction stormwater runoff was required to meet the Watershed Regulations. In addition, a SWPPP addressing erosion and sediment control as well as post construction stormwater runoff is required for coverage under the NYS DEC “General Permit for Stormwater Discharges from Construction Activities” (GP-0-20-001).

The project consists of resurfacing the existing entrance drive, constructing gravel walking paths, gravel access drive, stabilized turf parking areas, community pavilion, restroom, natural play area, splash pad, kayak launch, fishing pier, picnic areas, water and wastewater utilities, landscaping, and lighting. The site will be tied into the existing municipal sewer. The stormwater treatment system consists of erosions and sediment controls, 14 bioretention basins including plantings, vegetated buffer plantings, and soil restoration.

On March 13, 2024, The Village of Tannersville applied to the CWC Future Stormwater program for costs of implementing a SWPPP. Engineering and construction costs totaled \$308,038. CWC added a 15% contingency bringing the total costs up to \$354,243. The applicant has elected for 50% reimbursement of eligible costs or \$177,121.

The CWC recommends reimbursement of up to \$177,121 to The Village of Tannersville for 50% of the costs associated with implementing a SWPPP required by NYC Watershed Regulations and the NYS DEC General Permit.

Recommended Future Stormwater Funding not-to-exceed: \$177,121

Makowski Residence – Pine Island Subdivision

Program: Future Stormwater

Address: 265 Blackberry Street, Gilboa, NY

Engineer: Sander Engineering

Contractor: Ted's Grading and Landscaping

Project Description:

On November 9, 2022, DEP approved the Stormwater Pollution Prevention Plan (SWPPP) for the Makowski Residence located at 265 Blackberry Street in the Town of Gilboa, Schoharie County, New York.

The project consists of constructing a single-family residential home, garage and driveway. The project is part of a larger common plan of development resulting in greater than 5-acres of land disturbance. A SWPPP addressing erosion and sediment control as well as post construction stormwater runoff was required to meet the Watershed Regulations. In addition, a SWPPP addressing erosion and sediment control as well as post construction stormwater runoff is 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, multiple rain gardens, stormwater piping, and a driveway swale with culverts & check dams. On March 1, 2024, The Makowskis applied to the CWC Future Stormwater program for costs of implementing a SWPPP. Engineering and construction costs totaled \$47,550. CWC added a 15% contingency to the costs bringing the total costs up to \$54,682. The applicant has elected for 50% reimbursement of eligible costs or \$27,341.

The CWC recommends reimbursement of up to \$27,341 to The Makowskis for 50% of the costs associated with implementing a SWPPP required by NYC Watershed Regulations and the NYS DEC General Permit.

Recommended Future Stormwater Funding not-to-exceed: \$27,341

3. Stormwater Retrofit Program

No new applications

4. Local Flood Hazard Mitigation

Property Owner: Geraldine Fitzpatrick-Papa

Contact Person: Same As Above

Address: 7925 Main Street, Hunter, NY 12442

LFA Recommendation: Yes

Project Category: Property Protection Measures

Phase: Construction Funding

Project Description:

Geraldine Fitzpatrick-Papa is requesting Construction funding in the amount of \$308,320.75 to complete the elevation of their Mixed-Use Commercial building located at 7925 Main Street in the Village of Hunter. They have completed a Feasibility Study that was completed by Chazen and the design that was completed by LaBella and funded and approved by CWC. The recommendations in the Feasibility Study

were to elevate the structure to be 2.4' above the BFE. The structure's finished floor elevation is currently 0.2' below the BFE. In the application they have stated the structure to be "elevated and flood proofed to above the BFE plus 3'." **I will be following up with this number that they are showing to be more than what Chazen and LaBella have recommended to make sure their contractors are bidding on the correct information!**

The original estimates provided by Chazen in their Feasibility Study in 2021 to raise the structure 2.4' above the BFE was \$238,893.00. 7/14/2023 the design estimated the building lift to be \$321,860.00. Currently the applicant is stating the total estimated construction costs for this project are listed at \$411,094.00. I will have correct information to be presented at the Committee meeting. This application may be subject to being tabled since the numbers are all over the place and the elevation they are showing doesn't match up to the engineering reports.

This property is within the flood hazard areas of the Schoharie Creek and Mad Brook and received some damages during Tropical Storm Irene. This property is also identified in the LFA as part of the larger project of the firehouse removal and relocation, replacement of the bridge to a larger structure and the creation of a large flood plain on this property.

Property Protection Measures are identified in the Prattsville Local Flood Analysis (LFA) that was accepted by the Town of Prattsville in 2013.

Property Owner: Greene County DPW

Contact Person: Robert VanValkenburg

Address: 240 West Main Street, PO Box 485, Catskill, NY 12414

LFA Recommendation: Yes-County Rt. 1 Culvert in the Town of Halcott, Greene County

Project Category: Public Infrastructure

Phase: Construction Funding

Project Description:

Greene County DPW is requesting funding to replace the County Rt. 1 culvert on the Brownell Creek in the Town of Halcott in Greene County. The total estimated cost for this project is \$1,357,000.00 with Greene County DPW providing a cost share of \$300,000.00 and CWC funding being requested will be \$1,057,000.00. Under CWC's program rules this project can be funded 100% by CWC's FHMIP Program but after some discussions with Greene County they were able to provide this amount as a cost share to stay within the Greene County DPW budget for this year. This application was before the Committee at their 3/5/24 meeting and it was tabled pending further review of the recently submitted Hydraulic Study. The review is being completed by DEP, CWC and DCSWCD.

This culvert replacement is very important to the Halcott residents since there are very few ways in and out of Halcott during high water events. Most of the other ways out of Halcott are Seasonal Roads and during a storm event these roads can be impassible themselves and near impossible to have Emergency Services to respond. This culvert currently is overtopped during the 10-year flood event and the new culvert is designed to pass the 100 year flood event. This design was also completed by Creighton Manning and was funded by CWC. This project will increase the size to be a precast slab bridge with 45'2" span as well as raising the road in this area to meet all NYSDOT standards.

A letter from Greene County Superintendent Scott Templeton confirms their commitment to providing a cost share of \$300,000.00 towards this project has been provided.

In the Town of Halcott's Local Flood Analysis (LFA) this culvert was identified as a Public Infrastructure to be replaced with a larger culvert or bridge since it is currently overtopped in a 10-year storm event. The Town of Halcott accepted their LFA in 2020.

5. Other:

IV. Next meeting scheduled for Tuesday, May 7, 2024 @ 9:00AM

V. Adjournment

DRAFT