

Catskill Watershed Corporation

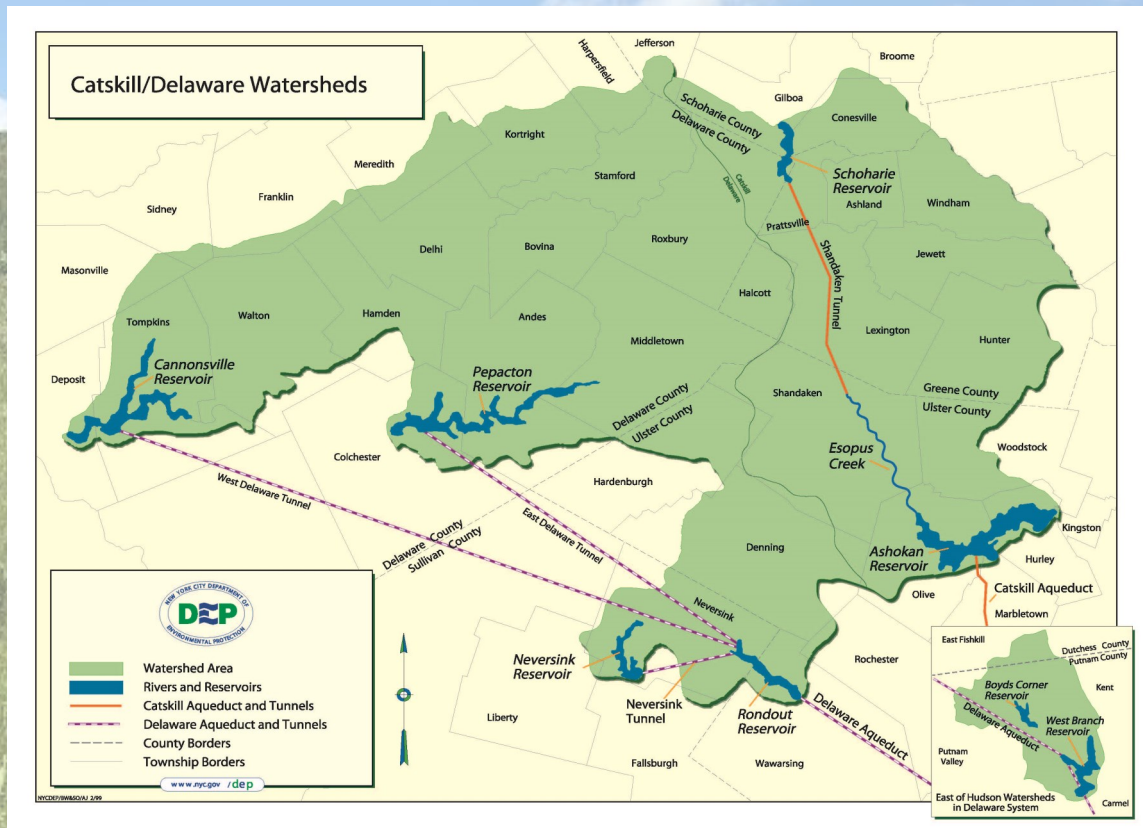
2022 Annual Report



Our Mission:

CWC's primary purpose is to administer protection and partnership programs necessary to maintain and enhance the water quality throughout the NYC Catskill-Delaware Watershed Region and to preserve and support Watershed communities by strengthening the region's economy.

Our environmental protection, economic development and education programs are administered in 41 towns that lie wholly or partially within the NYC Catskill-Delaware Watershed region which supplies water to 9.5 million people in New York City and communities in five upstate counties.



Thank you to all our partners for another successful year!

Community Development

Catskill Center for Conservation and Development
M-ARK Project
Western Catskills Community Revitalization Council

County Agencies

Soil & Water Conservation Districts: Delaware, Greene, Schoharie, Sullivan, and Ulster Counties
Cornell Cooperative Extension: Delaware, Greene, Schoharie, Sullivan, and Ulster Counties
County Planning Departments: Delaware, Greene, Schoharie, Sullivan, and Ulster Counties
Delaware County Department of Watershed Affairs
Greene County Watershed Assistance Program
Public Works Departments of Delaware, Greene and Ulster Counties
Ulster County Department of the Environment

Federal, State and Regional

US Environmental Protection Agency
NYC Department of Environmental Protection
New York State Department of Environmental Conservation
New York State Department of State
New York State Department of Health
New York State Energy Research & Development Agency
New York State Office for Small Cities
Appalachian Regional Commission
Watershed Protection & Partnership Council
Watershed Agricultural Council
National Association of Development Organizations

Economic Development

Bank of Greene County
Catskill Hudson Bank
Community Bank
Delaware County Economic Development
Delaware County Industrial Development
Agency
Delaware National Bank of Delhi
Empire State Development Corp.
Key Bank

NBT Bank
New York Business Development Corp.
Rondout Savings Bank
Small Business Development Centers
Sullivan County Partnership
Ulster County Industrial Development Agency
Ulster County Economic Development
Ulster Savings Bank
Walden Savings Bank
Wayne Bank

A Message from the President

As we look forward to 2023 I would like to take a look back and reflect on the accomplishments and challenges of 2022 at the Catskill Watershed Corporation (CWC). In 2022 CWC staff planned and implemented projects in all areas of CWC programming, including the Septic Program, Stormwater, Flood Hazard Mitigation and Economic Development. Their efforts resulted in nearly twenty (20) resolutions a month for funding approval at each board meeting. The value of these projects can be measured in both water quality protection and community sustainability.

2022 brought ten (10) or more funding applications a month for septic replacements and several funding requests for flood hazard mitigation projects. The most notable mitigation projects included a grant to elevate the Prattsville Town Hall, funding for design and construction of flood proofing at the Townsend Street Elementary School in Walton and funding for a critical culvert in the Town of Halcott for emergency access. All of the projects funded for flood hazard mitigation have a substantial impact on the long term sustainability of our local communities and are considered a high priority for funding by the CWC.

The Catskill Fund for the Future supported many local businesses seeking support for expansions and business redevelopment through low interest loans. CWC also supported the annual stream clean-up projects for Earth Day celebrations across the watershed by providing necessary materials to volunteer and education groups. In addition, CWC funded multiple stormwater projects in support of private businesses and homeowners who were required to install DEP approved stormwater controls. Many of these projects included rain gardens, plunge pools and vegetated swales.

For the past 25 years CWC has funded multiple education and outreach programs. In 2022 CWC awarded nearly \$158,000 to support more than 20 public education programs through schools and volunteer organizations. These awards allowed watershed education to reach in excess of 3,000 students highlighting the importance of clean water and community collaboration.

As we ended 2022 CWC formed a special committee to begin the important task of evaluating and monitoring community sustainability within the West of Hudson Watershed. This project will prove to be one of the most important projects of 2023. We will be looking at the impacts the watershed has had on our local communities as well as developing a path forward to build sustainable economies into watershed management for the future. This is a critical component of our long term growth and ability to continue the essential role as watershed stewards. Community health is directly tied to water quality stewardship and is important to understand the ability of communities to grow and evolve in light of changes related to the New York State objectives to combat climate change. We will seek assistance from professionals in the public sector as well as from academia to provide an unbiased and thorough understanding of our local community health and sustainability.



Tina Molé

This will include a path forward to ensure our ability to meet the standards that will be imposed through new legislation as well as continue to provide for our local community needs and water quality that can sustain a future Filtration Avoidance Determination (FAD) for our New York City partners.

The CWC's support of local programs continues to bolster the local economy, support clean water and provide for our local communities in a way that will enhance our future. As president I have witnessed the level of professionalism and expertise the staff puts into each program and individual application to provide high level projects that protect water quality as well as help local residents and businesses meet the high standards required in the New York City watershed. I look forward to continuing these efforts into 2023 and I am honored to continue serving the watershed communities as part of this organization.

••• Arrivals •••

CWC welcomed two new staff members. Lindsay Ballard joined the staff in May as an Administrative Assistant and Donald Brown started in December as Deputy Finance Director.



Lindsay Ballard



Donald Brown

••• Internships •••

The CWC welcomed Christiana Mones as an intern for the Spring semester. Lauren Perillo was with us from May-November.

CWC's internships are hands-on experiences designed to provide students with a comprehensive learning experience working with staff, program administration, applicants, project contractors, engineers, watershed partners and regulators throughout the watershed.



Christiana Mones



Lauren Perillo

A Few Words from the Executive Director

2022 was an exceptional year for CWC and the Watershed. A number of milestones and achievements were realized throughout the course of the year. Programmatically, CWC saw and managed a dramatic increase in participation levels in our various programs. This is perhaps most evidenced within our Economic Development Program. In 2022, CWC approved 17 low interest loans to various businesses located in Watershed towns, totaling over \$8.1 million. These totals nearly doubled last year's approvals of 9 loans totaling \$4.6 million. Additionally, at the conclusion of 2022, CWC had cumulatively disbursed over \$99 million in CFF funding for business loans throughout the Watershed since inception in 1997. This is a significant amount of funding we are proud to have provided towards our local economies.



Jason Merwin

Economic Development was not the only program to see increased demand and participation. The CWC Septic Rehabilitation and Replacement Program also saw an increase of activity. 285 septic systems were repaired or replaced throughout the year, the highest volume of repairs in a decade. The replacement process has continued to improve in regards to timing and efficiencies. The average replacement time for systems in 2022 was reduced by 31 days from the year prior. This was the fourth consecutive year replacement times have declined in the Septic Program.

Our Septic Maintenance Program once again had a record year. Increasing participation from last year's 604 participants to 667 in 2022, highlights Watershed property owners awareness of the program and the importance of maintaining their septic systems. These maintenance activities provide benefits not only to the property owners, but also aims to ensure water quality is not negatively impacted from failing septic systems. These maintenance initiatives also provide longevity investments to our programs.

The Flood Hazard Mitigation Implementation Program approved funding to assist property owners with a number of flood protection efforts and water quality benefits. Projects approved in 2022 included a number of feasibility studies and designs for property protection measures, demolitions of flood damaged structures as part of the City Flood Buyout Program, construction costs for elevation of the Prattsville Town Hall, relocation assistance for Fire Houses in Greene and Ulster County, among others. The program has continued to mature over time with many projects moving from planning and design phase into the construction and implementation phase. In December, the CWC Board of Directors approved a \$15 million renewal contract with DEP to ensure additional funding for future projects.

The Flood Hazard Program renewal contract was one of many contracting items worked on throughout the year. A much needed Septic contract amendment regarding the level of funding was approved in early 2022 with an additional amendment coming later in the year to address sewer connections and extensions.

Multiple amendments were made to the Community Wastewater Management contract to increase funding and update timelines for project completion dates. Renewal contracts are currently being negotiated for the Stormwater Retrofit Program and the Septic Maintenance Program. These contract updates and renewals highlight the success of the Watershed Partnership and Protection Programs and the partnership between CWC and DEP. While there may likely always be disagreement and tension at times, I believe great strides were made between CWC and DEP in 2022. Improved communications and coordination between our organizations helped generate a renewed focus on the term “partnership” as we balanced our priorities, the increasing levels of policy updates and personnel turnover, and the realities of how the relationship had existed historically. I thank Commissioner Aggarwala for his commitment towards our shared goals.

Other CWC programs ranging from Stormwater reimbursements, to Public Education grants continue to provide assistance and funding throughout the Watershed. It is our goal to efficiently and effectively provide quality programs to the Watershed in an effort to support local communities while simultaneously providing water quality benefits to end users of the City’s water supply. As we conclude our 25th year of operation, CWC has much to be proud of. The growth and maturity of the organization has likely far exceeded the expectations of signatories of the MOA a quarter century ago. CWC’s dual mission of supporting and strengthening local economies while protecting water quality of the nation’s largest unfiltered water supply has proven successful on both fronts. I look forward to the future and what the next 25 years will offer.



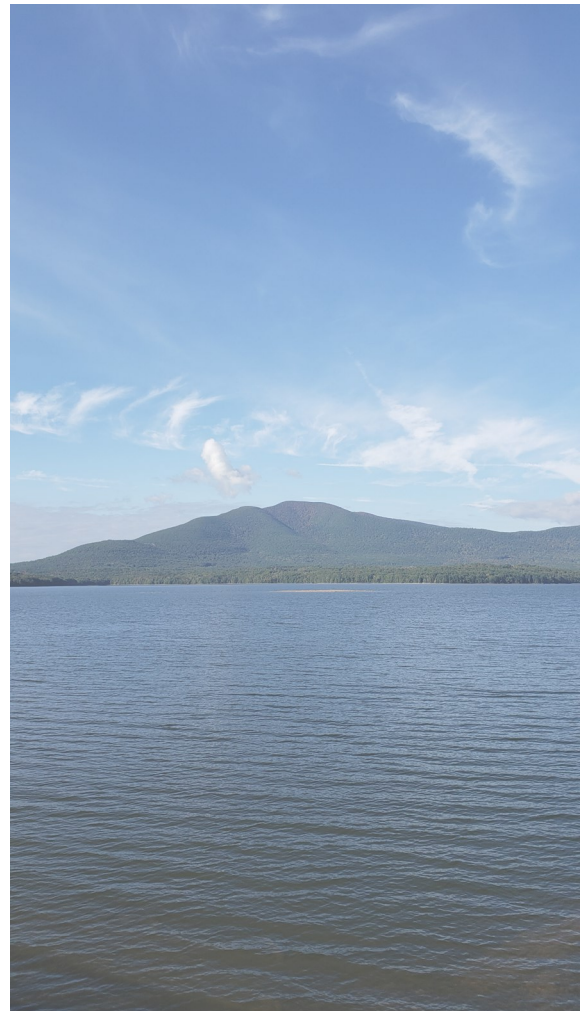
Sonia Martinez



Timothy Cox



Lindsay Ballard



••• Flood Hazard Mitigation Implementation Program •••

FLOOD HAZARD MITIGATION IMPLEMENTATION PROGRAM

This program was started in 2014 in response to the devastation to Watershed communities from Tropical Storm Irene.

Under the Flood Mitigation Program, communities are provided funding from their local county stream management program to complete a Local Flood Analysis (LFA) for their hamlets. Those LFA reports provide recommendations that can be funded by either local county stream programs and/or CWC. 2022 continued to be a busy year for CWC Flood Hazard Mitigation Implementation Program. In 2022, CWC projects included:

- Funding for five feasibility studies, giving property owners a detailed report on what can be done to mitigate flood damage for their home/business. Recommendations range from elevating structures to relocating utilities above the base flood elevation. After completion many property owners go on to also request design funding from CWC to carry out their feasibility study recommendations. The Town of Shandaken Town Hall is one of the properties receiving funding in 2022 for a feasibility study. Results are expected in 2023.
- Construction was completed at Townsend Elementary School in Walton to flood proof exterior doorways, preventing floodwaters from entering and damaging classrooms in future flood events. The project was implemented in tandem with a larger school capital project that included upgrades to other school utilities and parking lot, reducing the costs of both projects.
- Four additional propane and fuel tanks currently in floodplains were anchored to new concrete pads to prevent each tank from becoming unmoored and floating away during a flood.
- Two infrastructure projects were completed in West Shokan, Town of Olive in Ulster County. CWC provided funding for reconstruction of the Maltby Hollow Bridge on Watson Hollow Road and a new culvert on Burgher Road. Both projects will now allow stream flooding to safely pass under each road, providing continual access for emergency services and residents.
- CWC also provided funding for the relocation of the Boiceville Firehouse in the Town of Olive to property outside of the floodplain. During Hurricane Irene, the existing firehouse had several feet of floodwater inside of it. The new property was purchased in 2021 with a CWC grant. In 2022, CWC provided matching funds for construction of both the new firehouse and its septic system.

As part of the voluntary flood buyout program funded by NYCDEP, CWC also approved six demolition contracts in 2022 for these properties. At the local municipality's option, the property can be owned by NYC DEP, or the local town or village. Each buyout property was substantially damaged by flooding or at imminent risk for future substantial damage. Following demolition of any structures remaining, future development is limited on these properties.

••• Community Wastewater Management Program •••

COMMUNITY WASTEWATER

The Community Wastewater Management Program funds wastewater projects in hamlets where on-site septic systems are insufficient due to lot sizes, soils, and distances to watercourses.

In 2022, one project was completed, two started construction, and the largest project is in design after being overwhelmingly approved by a vote of property owners in the district.

In **WEST CONESVILLE** the Town hired contractors with a CWC block Grant of \$8,411,000. The project includes new septic tanks at every property connected to a force main that pumps the leachate to a remote leach field about a mile away from this Schoharie County hamlet. Fifty-four properties are served by the project and it was completed in 2022 under budget.

Two projects are underway in the Town of Middletown in Delaware County. In the hamlet of **HALCOTTSVILLE** a block grant of \$11,454,000 is funding the design and construction of a large diameter gravity sewer and a force main that will take all waste from the hamlet to the NYC DEP owned Margaretville Wastewater Treatment Plant. This project will service 53 hookups. The project started construction in 2022 and is anticipated to be completed in 2024.

One valley to the west, in the hamlet of **NEW KINGSTON**, and also in the Town of Middletown, a block grant of \$7,700,000 is funding design and construction of a Community Septic System, similar to the system just completed in West Conesville. New septic tanks will be installed at every property within the district and will be connected to a remote leach field. This system will serve 28 properties. This project commenced construction in 2022 and is expected to be completed in 2024.

Design is underway for the **SHOKAN** project in Ulster County, Town of Olive. A block grant of \$48,715,000.00 is funding the design and construction of a collection system and wastewater treatment plant. The project will also treat waste from the previously completed project in the hamlet of Boiceville. This will be CWC's largest project to date, with 525 lateral connections, and will have an estimated flow of 166,000 gpd. In 2022, 85% of property owners in Shokan approved moving forward with the project. Design is expected to be completed in 2024.



John Mathiesen



••• Catskill Fund for the Future •••

In 2022, the CWC Board of Directors approved 17 loans totaling \$8,134,475. Several are current borrowers that have come back to CWC to expand, reorganize or for assistance with a new project. The first six businesses discussed returned to CWC for additional funds.

Union Grove Distillery LLC, Arkville, NY, has been in operation for six years. In 2022 the business returned for additional funding to reorganize the LLC and to consolidate their current loan with CWC. The additional funding will assist Union Grove Distillery in their future expansion efforts. Union Grove Distillery's current line of products includes:

Vly Creek Vodka

firGIN

Drie Brook Rye Whiskey

Catskill Mountain Maple Spirit

Kaatskill Mountain Spirit Company Vodka



Stoney Clove Ventures LLC, Lanesville, NY, returned for additional funding to expand their hospitality business to include three additional seasonal cabins. The additional cabins bring the total to nine seasonal cabins, and five year round cabins. Funding also assisted with a second wastewater system for the year round cabins, and landscaping.



The MARK Project Inc., Arkville, NY, returned for additional funding for **two** projects. CWC is assisting MARK with working capital needed on reimbursable grant projects. One project was awarded for a Main Street Revitalization grant in Roxbury and the other on behalf of the Inn at Kirkside. CWC believes that these projects are important to the

economic viability of the community and assists by lending working capital needed to complete the projects prior to grant disbursement. Loan repayment will occur following completion of the projects and MARK being awarded the grant funds.

Joseph A. Dabrtiz – B&D Motors, Margaretville, NY, returned for additional funding for building repairs and maintenance. B&D Motors is a full service automotive repair shop. They also sell used cars and have a U-Haul rental business.



Maeve’s Pretty Face, LLC, Phoenicia, NY, returned for additional funding to purchase an ice machine and for working capital. Maeve’s Place is a coffee shop and retail store offering many varieties of coffee and specialty coffee beverages as well as a light breakfast and lunch menu of eggs, quiche, salads, and pastries. Retail items include, coffee by the pound, coffee mugs, snacks, cereals, candy, canvas shopping totes, tee shirts and sweatshirts, private label mustards, jellies, jams, chutneys, curds, honey, salsa, picnic baskets, backpacks, board games, and maps. Additionally, they manufacture and carry “Maeve’s Pretty Face” line of skin care products, all-natural skin care products sold through both wholesale and retail outlets.



Brussel Sprouts LLC, Delhi, NY, returned for additional funds for property upgrades. Brussel Sprouts LLC is a real estate holding company for a building that has three commercial occupants on the first floor. Good Cheap Foods II, Inc. is a whole foods and specialty foods store that began as a food co-op in 1976. Taste of the Catskills Inc. d/b/as Quarter Moon Café, is a farm to table restaurant and high-end wedding and event caterer who developed the Taste of the Catskills Festival. Taste of the Catskills Inc. d/b/a Catskill Food Company LLC who produces artisanal meat and fish products. There are also two rental apartments on the second floor.

••• Mid-Hudson Small Business Development Center •••

Advisor and Executive Director, Sam Kandel, works with CWC to provide business assistance to many of our business owners. CWC has supported this effort since 2001. In 2022 the SBDC provided 1,719 hours of counseling to 121 Watershed clients. In part, as a result SBDC assistance, a total of \$10,777,555 was invested in the region and 83 jobs were created or retained.



Barbara Puglisi



Lynn Kavanagh

New Businesses awarded funding in 2022:

Accord, LLC, Accord NY, purchased five properties once known as The Andersen Mills. Now called the Granary, they will create a place of commerce and community in the historic center of Accord. Once complete, it will include a full-service restaurant, an Inn, co-working space, a full-service bike and outdoor sports shop, a bakery & café, a wellness center, artist studios and an art gallery.



Mama Boy's Burger, LLC, Tannersville, NY, is a family friendly quick serve hamburger and ice cream restaurant that likes to think of themselves as the “Shake Shack” of the Catskills but with better burgers and ice cream instead of beer. Mama’s Boy emphasizes serving local products when available.

Glenn's General Repair, Hunter, NY, is a NYS Certified Automotive Repair and NYS Inspection business that works on all types of vehicles from cars, trucks, tri-axels, heavy equipment, police cars and fire trucks.



Sherbois Properties LLC t/a Bovina Spirits, LLC, Kortright, NY produces Isolation Proof, small batch gins. They began distilling in their barn in Bovina, NY using spring fed water from their property with over 80% of the ingredients locally sourced. In addition to their original gin, they also make seasonal gins. Their summer gin is distilled with locally sourced rhubarb and their winter gin is made using wild apples and pears picked within a 10 mile radius of the distillery. The high demand for their products resulted in outgrowing their current location and requiring an expansion to a more suitable property in Kortright, NY.

BMTA, LLC t/a Van Dusen’s Grocery Store, Lexington, NY, offers a large range of essential groceries, priced competitively and sourced to represent the best quality available. They work with local farmers to offer seasonal fresh produce that highlight area harvests. Freshly prepared sandwiches, salads, soups, juices and more are prepared daily for immediate consumption. They offer craft beer and cider from local producers and provide outdoor patio seating where guests can enjoy their freshly prepared food on site.



Dark Sky Hospitality LLC t/a J. Roccas and Worlds End Tavern and Lodge, Shandaken, NY. J. Roccas was rebranded from a Steak House and Speakeasy to a Creekside Restaurant and Country Store similar to the idea of a Cracker Barrel offering breakfast, lunch and dinner. They will also offer prepacked food made in house for anglers and hikers alike. The Country Store will offer homemade bread, jam, jellies, syrup, chips, dips, craft beer, cider and local made wares. Fly fishing gear and clothing will be available for sale and customers will have to opportunity to rent gear out for the day. Worlds End Tavern and Lodge is a historic Restaurant and Lodge built in 1805 located on Route 42. Upon completion of the renovation, it will be a 9 room lodge and will feature traditional Irish food with a full service bar.



South Street Corner LLC t/a Windham Chicken Run LLC, Windham, NY. Under new ownership, the Chicken Run Restaurant was established in 2010 as a family dining restaurant. Since opening, the restaurant has grown to be a full service dining and entertainment venue. The mission of the Chicken Run Restaurant is to provide the best family and large group friendly dining and entertainment venue in the Catskill Region.



Ladew Corners LLC t/a Howland House Catskills, LLC, Mount Tremper, NY. Formerly La Duchesse Anne, a beloved Inn of the Catskills, Howland House Inn has ten newly restored rooms, decorated with a mix of antiques and modern furnishings. Additionally, Oliver’s Tavern will become a welcoming place to gather with its 1920’s restored mahogany bar relocated from Harlem, NY.

••• 2022 NYC DEP Reservoir Boating Program •••

The CFF has supported the Reservoir Boating Program since the initial pilot program which began in 2009 on the Cannonsville Reservoir. The program expanded beyond a pilot in 2012 to include the Neversink, Pepacton, and Schoharie Reservoirs.

Steam cleaning and boat rental vendors benefit from program as well as locals and visitors who take advantage of this opportunity. CWC distributed 34 Reservoir Boating Patches to boaters.

The 2022 boating season proved to be a difficult one for boat rental vendors. A total of 480 boats for 683 boaters was reported for the year. The decrease was due to drought conditions making it difficult for boaters to carry boats in and out of the reservoirs. The NYC DEP reported that 1,232 boat tags were issued in 2022, down from 1,826 in 2021.



••• Septic Program •••

The Septic Rehabilitation and Replacement Program reimburses homeowners, small businesses, not-for-profit corporations and government entities for repairs or replacements of failing or likely to fail septic systems in the West of Hudson Watershed. Funding assistance was provided for 285 septic system repairs or replacements through these programs in 2022. Program funding helped property owners, provided water quality protection for the New York City drinking water supply and gave substantial economic benefit to local communities. A total of 78 local contractors and septic pumpers, and 21 engineers received payments for work completed on projects during the year.

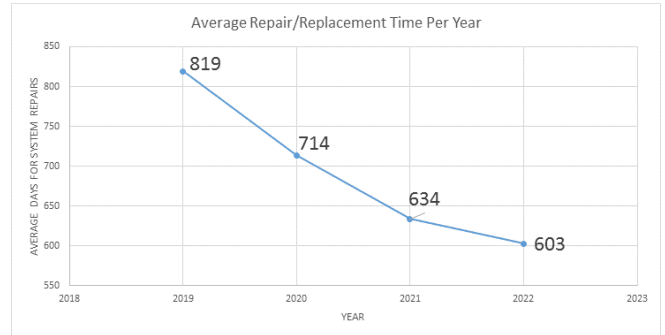
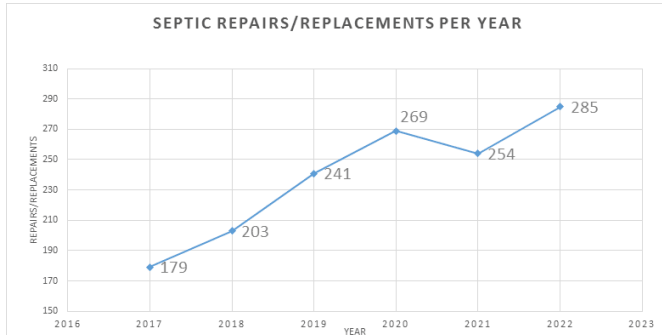
- 242 homeowners received funding from the Residential Program for septic system repairs or replacements.
- 11 homeowners completed repairs funded by the Second Time Repair Program for failing septic systems paid for more than ten years ago by CWC.
- 10 homeowners were reimbursed by the Annual Reimbursement Program for septic system project costs.
- 5 homeowners in proposed Sewer Districts received program funding for managed repairs to assist in proper waste treatment until a larger community system is built.
- 17 septic system repairs or replacements were funded by the Expanded Septic Program for 16 business owners, not-for-profit corporations and government entities. These projects supported businesses and public services throughout the Watershed.

Many of these were the largest septic projects undertaken by the program to date. Projects include:

- Belleayre Realty
- Allen Brown
- Camp Nubar
- Copperhood Property LLC
- Paul Covello
- D's Pizza/Miller's BBQ
- Delaware Sports Center
- Eagle Ridge Farm, LLC (two septic systems)
- FSH Lodge at Neversink LLC
- Huntersfield Christian Training Center
- Mountain Brook Inn
- Stone Kill Farm LLC
- Thankful Acres LLC
- Town of Hamden
- Town of Kortright Highway Garage
- Walton Country Meadow Park LLC



Program staff continue to improve on implementation and efficiency efforts in the Septic Programs. Despite construction hurdles, market fluctuations, inflation and supply issues, CWC again improved the average repair times for septic systems enrolled in the Repair Program. The average number of days from sign-up to project completion has decreased from 819 in 2019 to 603 days in 2022.



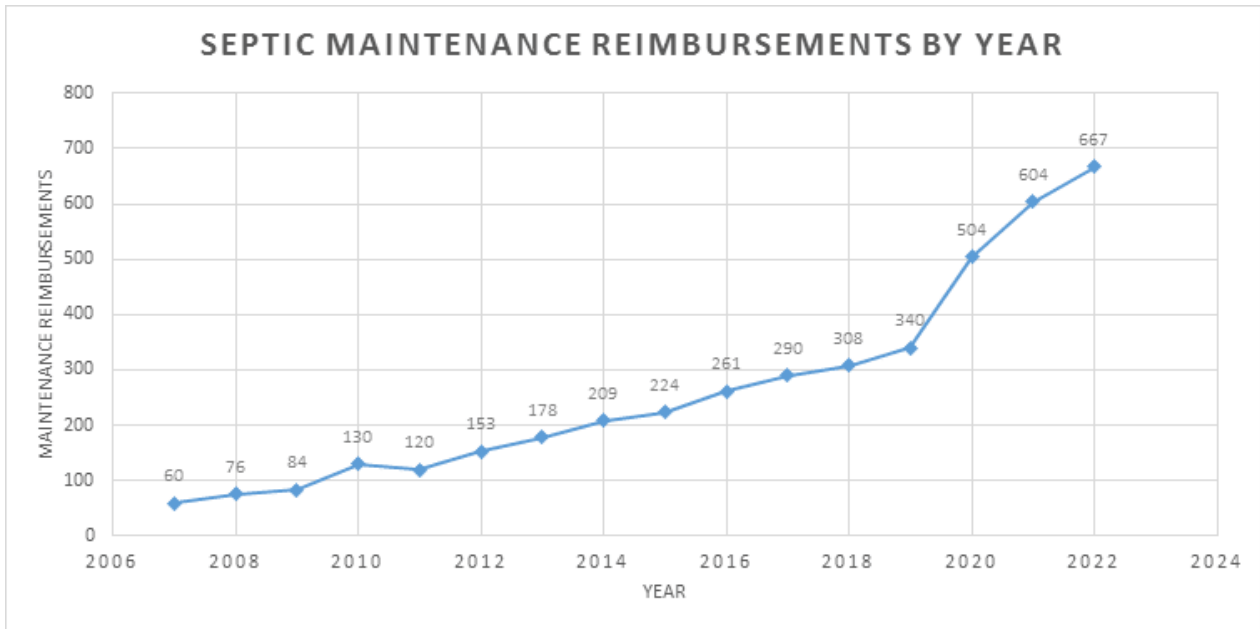
The number of projects completed per year by CWC Septic Programs has also increased steadily over the past five years. In fact, 285 system repairs and replacements is the highest volume of replacements CWC has funded in 10 years.

Program staff work hard daily to make the programs operate efficiently. In 2022, staff made 752 site visits to discuss programs with interested property owners, inspect pump-outs, conduct dye tests and document construction. As 2022's replacements were being built, staff identified an additional 323 failing or likely to fail systems throughout the Watershed. Those property owners signed into CWC Septic Programs to begin engaging septic pumpers, engineers, and contractors to complete repairs and replacements on their systems in 2023.



••• Septic Maintenance Program •••

The Septic Maintenance Program reimburses homeowners, small businesses, not-for-profit corporations and government entities 50% of costs for routine maintenance including septic tank pump outs. 2022 was another record year for this program. The program reimbursed 667 property owners for maintenance costs, exceeding the previous record by 63.



Mitchell Hull



Todd Henderson



Charles Schafer



John Jacobson



Kyle Faraci

••• Public Education •••

Grants totaling nearly \$158,000 were awarded to schools and non-profit organizations for watershed education projects and programs in 2022.

Twenty-two grants brought lessons in water quality, the New York City water system and the Watershed to more than 3,500 students and teachers. Five hundred people participated in programs and projects geared toward general and adult audiences.

Grants funded a range of projects, from watershed education initiatives to water quality testing as well as multiple field trips. Each project taught the importance of clean water, and the connection between New York City and the Catskill-Delaware Region where most of the City's water supply originates.

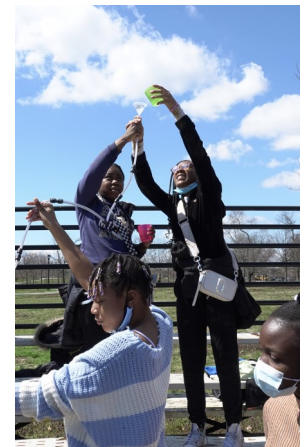
Four new applicants were approved for funding in the 25th annual grant round. These include The East Village Community School for their 5th grade Watershed Community Engagement Project, Bronx Children's Museum to institute its Nature of the Bronx program, Woodland Playhouse Pre-School in Shandaken for their Watershed Exploration Program, and Urban Academy Laboratory High School to learn about the past, present and future of NYC Water.

Watershed region recipients include Hanford Mills Museum, Onteora/Bennett Elementary School, Jefferson Central School, Prattsville Art Project, Tri-Valley Central School in Gramsville, Woodland Playhouse Pre-School, Woodstock Day School, Michael Kudish Natural History Preserve in Stamford, and John Burroughs' Woodchuck Lodge in Roxbury.

New York City recipients include NYC H2O; Inc., South Street Seaport Museum; The East Village Community School; Columbia Secondary School; The Horticultural Society of New York; Hudson River Sloop Clearwater; City Parks Foundation; Bronx Children's Museum; The Red Hook Neighborhood School and Urban Academy Laboratory High School.



Samantha Costa



••• Stormwater Programs •••

In 2022 the CWC Board of Directors approved \$2,501,629.58 in funding from the Future Stormwater and MOA-145 Programs for costs to comply with NYCDEP required stormwater control and treatment measures throughout the West of Hudson Watershed. The approved stormwater projects span from individual residences, small businesses, multi-acre sub-divisions and large-scale commercial developments focused on capturing and treating stormwater runoff from new impervious surfaces.

The CWC Board of Directors also approved \$56,843 in funding from the Stormwater Retrofit program for stormwater best management practices (BMP's) that address existing runoff in concentrated areas of impervious surfaces.

In Delaware County CWC Approved \$891,674 in Funding for:

- The installation of gravel pads, rain gardens, bioretention ponds, filter strips, level spreader, and swales at Getaway Roscoe's Campground in Colchester, NY.
- The construction of gravel diaphragms, grass filter strips, two bio-retention basins, culvert outlet protection and reconstruction of an existing swale for KDR Self-Storage Facility in Middletown, NY.
- Stormwater measures for a private residence that included the installation of three raingardens designed to treat runoff from impervious surfaces.
- The construction of stormwater components for Walton Central School District that include stone diaphragms, grass filter strips, four bioretention basins and plantings, and three Con-tech Filterra units.



In Greene County CWC Approved \$809,476 in Funding for :

- The operation and maintenance of catch basins, trenches, gutters, porous pavement, swales and raingardens for Mountain Top Library in Tannersville, NY.
- The construction of residential rain gardens, two bioretention areas, two stormwater management ponds and a rain garden to treat runoff from the access road at Onteora Club in Tannersville, NY.
- The installation of Stormtech SC-740 Underground Infiltration Chambers that are pre-treated by Hydro International Downstream Defenders, as well as grass swales, culverts, shallow French drains, and rip-rap lined level spreaders at Scribner's Catskill Lodge in Hunter, NY.
- The Operation and Maintenance of rain gardens at a private residence in Windham, NY.
- The Operation and Maintenance of catch basins, trenches, gutters, porous pavement, swales and rain gardens for a retrofit project at Mountain Top Library in Windham, NY.
- A feasibility study for the conceptual design phase to improve stormwater collection at the Town of Jewett Highway Department Municipal Facility in Jewett, NY.



In Ulster County CWC Approved \$857,321 in Funding for:

- The construction of stormwater controls for a private residence in Woodstock, NY which included three (3) rain gardens, vegetated swales, plunge pools for velocity reduction, inlet and outlet drainage repairs, and a stormwater pond.
- The installation of catch basins and riprap drainage outlets for an existing hotel and restaurant in Woodstock, NY.



On-going Retrofit projects

- The Village of Fleischmanns retrofit project on Lake Street aims to reduce flooding of a gas station by installing treatment practices around the Firehouse and Village DPW Buildings to remove pollutants prior to entering Emory Brook. Treatment practices include installing new catch basins, hydrodynamic separator treatment unit, rain gardens and bioretention areas.
- The Town of Jewett retrofit project at the Municipal Facility aims to improve stormwater collection at the site through properly designed BMPs. The project intends to improve the water quality of stormwater that enters nearby waterways from impervious surfaces due to inadequate stormwater conveyance and treatment at the site.
- In 2022 construction of stormwater retrofit controls was completed at Delaware Academy in Delhi, New York. CWC approved over \$1 million for the project. Stormwater controls at the site focus on routing naturally cleaner upland stormwater directly to the West Branch of the Delaware, rerouting existing campus stormwater system and impervious surface runoff while removing pollutants to the new stormwater system.



Racheal Burger



Eric Lane

••• Finance •••

CATSKILL WATERSHED CORPORATION

STATEMENTS OF ACTIVITIES

For the Years Ended December 31,

| | 2022 | 2021 |
|---|---------------------|----------------------|
| Revenue: | | |
| Grant Revenue | \$ 24,346,373 | \$ 17,615,815 |
| Interest and Other Income | 1,542,743 | 831,675 |
| Total Revenue | 25,889,116 | 18,447,490 |
| Expenditures: | | |
| Program Services | 23,827,403 | 16,532,059 |
| Administrative and General | 1,671,265 | 1,706,961 |
| Total Expenditures | 25,498,668 | 18,239,020 |
| | 390,448 | 208,470 |
| Operating Revenues, Gains, and Other Support: | | |
| Loss on Sale | (748,667) | - |
| Gain or (Loss) on Investment | (1,135,079) | (93,858) |
| Changes in Net Assets | (1,493,298) | 114,612 |
| Net Assets, Beginning | 10,217,204 | 10,102,592 |
| Net Assets, Ending | \$ 8,723,906 | \$ 10,217,204 |



James Martin



Donald Brown



Skylie Roberts



Jessica Fiedler

CATSKILL WATERSHED CORPORATION

STATEMENTS OF FINANCIAL POSITION

| As of December 31 | 2022 | 2021 |
|---|-----------------------|-----------------------|
| ASSETS | | |
| Current Assets: | | |
| Cash and Cash Equivalents | \$ 128,312,342 | \$ 99,035,920 |
| Cash and Cash Equivalents - Reserved | 2,597,698 | 2,597,698 |
| Short-Term Investments | 3,724,881 | 764,116 |
| Accounts Receivable | - | 16,148 |
| Accrued Interest Receivable | 161,552 | 179,925 |
| Loans Receivable, Net of Allowance for Doubtful Accounts | 2,303,287 | 3,223,600 |
| Prepaid Expenditures | 176,309 | 178,170 |
| Total Current Assets | 137,276,069 | 105,995,577 |
| Fixed Assets: | | |
| Property, Plant, and Equipment, Net of Accumulated Depreciation | 17,721,408 | 18,297,035 |
| Long-Term Assets: | | |
| Long-Term Investments | 19,303,573 | 23,379,990 |
| Lease Receivable | 84,697 | 95,141 |
| Loans Receivable, Net of Allowance for Doubtful Accounts | 19,626,978 | 18,010,215 |
| Investment in CWC Holdings II, LLC | 324,123 | 1,112,354 |
| Total Long-Term Assets | 39,339,371 | 42,597,700 |
| Total Assets | \$ 194,336,848 | \$ 166,890,312 |
| LIABILITIES AND NET ASSETS | | |
| Current Liabilities: | | |
| Accounts Payable | \$ 3,408,931 | \$ 1,961,933 |
| Accrued Expenditures | 249,568 | 253,085 |
| Deferred Revenue | 181,954,443 | 154,458,090 |
| Total Current Liabilities | 185,612,942 | 156,673,108 |
| Net Assets: | | |
| Without Donor Restrictions | 8,723,906 | 10,217,204 |
| With Donor Restrictions | - | - |
| Total Liabilities and Net Assets | \$ 194,336,848 | \$ 166,890,312 |

••• The CWC Board of Directors •••

Thank you to the CWC Board of Directors for all of your dedication and hard work in the West-of-Hudson Watershed.



Standing l to r: Mark Tuthill, Arthur Merrill, Jeff Senterman, Christopher Mathews, Thomas Hoyt, Thomas Snow, Jr., James Eisel, Innes Kasanof and Richard Parete

Sitting l to r: Dave Warne, Allen Hinkley, Joseph Cetta, Tina Molé, James Sofranko, and Alicia Terry

••• Maintenance •••

Thank you to the dedicated cleaning and maintenance staff for keeping the building and grounds clean and safe for all. We are beyond thankful for all of you and appreciate all you do!



Charles Bush



Rory Smith



Martha Cruz De Martinez



Marie Ferraro

••• Spring Clean-up •••



New Kingston Valley Association



2022 was a great year to get outside and clean up our local communities. Eleven groups with 275 volunteers cleaned up garbage and debris from our stream and road sides. These groups were from all over the Watershed and received clean-up supplies from CWC.

Septic



Public Education



Stormwater



Community Wastewater

Flood Hazard



••• Office Outreach •••





••• 2022 CWC Staff •••

Administration & Finance

Jason Merwin, Executive Director
James Martin, Finance Director, Business Manager
Timothy Cox, Corporate Counsel
Samantha Costa, Communication/
Education Coordinator
Skylie Roberts, Bookkeeper
Jessica Fiedler, Administrative Assistant
Donald Brown, Deputy Finance Director
Sonia Martinez, Administrative Specialist
Lindsay Ballard, Administrative Assistant

Building and Maintenance

Charles Bush, Building Maintenance Manager
Rory Smith, General Maintenance Manager
Martha Cruz De Martinez, General Maintenance
Marie Ferraro, General Maintenance

Economic Development

Barbara Puglisi, Economic Development Director
Lynn Kavanagh, Economic Development Specialist

Technical Programs

John Mathiesen, Environmental Engineering Specialist
Mitchell Hull, Environmental Engineering Specialist
Todd Henderson, Septic Program Specialist
John Jacobson, Septic Program Specialist
Charlie Schafer, Septic Program Specialist
Kyle Faraci, Septic Program Specialist
Racheal Burger, Program Specialist—
Stormwater
Eric Lane, Program Specialist—
Stormwater



**MUNICIPALITIES
IN THE
WEST OF HUDSON WATERSHED**

Delaware County

Town of Andes
Town of Bovina
Town of Colchester
Town of Delhi
Village of Delhi
Town of Deposit
Village of Fleischmanns
Town of Franklin
Town of Hamden
Town of Harpersfield
Village of Hobart
Town of Kortright
Village of Margaretville
Town of Masonville
Town of Meredith
Town of Middletown
Town of Roxbury
Town of Sidney
Town of Stamford
Village of Stamford
Town of Tompkins
Town of Walton
Village of Walton

Schoharie County

Town of Broome
Town of Conesville
Town of Gilboa
Town of Jefferson

Sullivan County

Town of Fallsburgh
Town of Liberty
Town of Neversink

Ulster County

Town of Denning
Town of Hardenburgh
Town of Hurley
Town of Kingston
Town of Marbletown
Town of Olive
Town of Rochester
Town of Shandaken
Town of Wawarsing
Town of Woodstock

Greene County

Town of Ashland
Town of Halcott
Town of Hunter
Village of Hunter
Town of Jewett
Town of Lexington
Village of Tannersville
Town of Prattsville
Town of Windham

TOTAL TOWNS = 41
TOTAL VILLAGES = 8



669 County Highway 38, Suite 1

Arkville, NY 12406

www.cwconline.org

www.watershededucators.org

Protecting water quality and preserving
communities in the West-of-Hudson
NYC Watershed since 1997



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