

Spring/Summer

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Cayuga County Soil and Water Conservation District

Conservation Highlights

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Project

The CCSWCD completed a water quality improvement project in the in the Cayuga Lake Watershed through Round 20 NYS Agricultural Non-Point Source Grants Program. The farm's existing Vegetative Treatment Area had reached its lifespan and was not functioning properly, it was replaced with a Total Collection and Transfer System. The engineered system is a combination of approximately 9 Best Management Practices (BMPs) that work together to create the system. Collection BMPs included rectangular concrete storage, concrete collection aprons and collection piping with additional subsurface water exclusion and leak detection. The concrete storage structure included pumps and piping for waste transfer, access roads, fencing and signage. The nutrients collected will be incorporated into the existing

Waste Storage System which will enable the farm to store and apply nutrients to the crop fields when the weather and field conditions are most favorable. This farm contributed approximately 70% of the total cost for the improvement project.

Special Events:

- MONTHLY BOARD MEETINGS (2ND WEDNESDAY OF THE MONTH AT 9:00 AM)
- FOURTH OF JULY — JULY 4TH, 2019— HOLIDAY AND OFFICE WILL BE CLOSED
- EMPIRE FARM DAYS— AUGUST 6-8, 2019 IN SENECA FALLS.
- STATE FAIR BOOTH— AUGUST 21ST— SEPTEMBER 2ND, 2019 AT THE NEW YORK STATE FAIRGROUNDS IN SYRACUSE.
- LABOR DAY— SEPTEMBER 2ND, 2019— HOLIDAY AND OFFICE WILL BE CLOSED
- CONSERVATION FIELD DAYS— SEPTEMBER 17TH AND 18TH, 2019 AT EMERSON PARK



Drone Photo Before Total Collection System Installed

Drone Photo After Total Collection System Installed



Erosion & Sediment Control Projects



Project Above:

A section of streambank along the Owasco Outlet was stabilized using medium/heavy stone fill to protect the Outlet from nutrient loading, and to protect the Mill Street Dam from any erosion that occurs during high flows. An access ramp was included in the design to allow for the City of Auburn DPW to access the bank for maintenance of any vegetation that may grow over the course of the growing season. This project was funded through a NYS WQIP funding source, with the City of Auburn providing matching funds.



Project Above:

The District worked with the NYSDEC and a private contractor to stabilize approximately 90 feet of shoreline along Owasco Lake in the Town of Scipio. An old log cribbing structure was replaced with medium stone fill and locked together with gabion stone to protect the shoreline from erosion caused by ice movement and wave action. This project was funded through a NYS WQIP funding source, with the landowner providing matching funds.