

| County        | What is your name and job title? | Project/ Program Area (current, recently completed, or planned water quality project type/category)                                      | Project description                                                                                                                                                                                               | Project cost                                    | Project partners                                              | Project objectives                                            | Project timeline         | Project funding source              |
|---------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|--------------------------|-------------------------------------|
| Cayuga County | Doug Kierst, District Manager    | NYS Ag and Markets - AgNPS Pollution Abatement Program projects                                                                          | Waste Storage & Transfer System - Compost Facility - Paines Creek                                                                                                                                                 | \$322,746                                       | Landowner, SWCD, Private Planners and Engineers               | Enhanced Nutrient Management                                  | 2015                     | NYS EPF*, Landowner, SWCD           |
|               |                                  |                                                                                                                                          | Silage Leachate Control & Treatment System - structure for water control, vegetative treatment area, subsurface drain, waste transfer, diversion, grassed waterway, critical area seeding - Yawger Creek (Aurora) | Included above                                  | Landowner, SWCD, Private Planners and Engineers               | Enhanced Nutrient Management                                  | 2015                     | NYS EPF, Landowner, SWCD            |
|               |                                  |                                                                                                                                          | Waste Storage - Salmon Creek (Scipio)                                                                                                                                                                             | \$535,940                                       | Landowner, SWCD, Private Planners and Engineers               | Enhanced Nutrient Management                                  | 5/2016                   | NYS EPF, Landowner, SWCD            |
|               |                                  |                                                                                                                                          | Waste Storage and Transfer System - Yawger Creek (Fleming)                                                                                                                                                        | \$236,721                                       | Landowner, SWCD, Private Planners and Engineers               | Enhanced Nutrient Management                                  | 1/2015                   | NYS EPF, Landowner, SWCD            |
|               |                                  |                                                                                                                                          | Barnyard Runoff Management System - Heavy Use Area, Waste Storage Facility, Manure Transfer, Diversion, Roof Runoff structure, Underground outlet - Sheldrake Creek (Ledyard)                                     | \$444,932                                       | Landowner, SWCD, USDA-NRCS, Private Planners and Engineers    | Enhanced Nutrient Management, nutrient and sediment reduction | 2017                     | NYS EPF, Landowner, SWCD, USDA-NRCS |
|               |                                  |                                                                                                                                          | Silage Leachate Control System - Big Salmon Creek (Scipio)                                                                                                                                                        | \$183,559                                       | Landowner, SWCD, USDA-NRCS, Private Planners and Engineers    | Enhanced Nutrient Management, nutrient and sediment reduction | 2017                     | NYS EPF, Landowner, SWCD            |
|               |                                  |                                                                                                                                          | Leachate Control and Treatment - Big Salmon (Venice)                                                                                                                                                              | \$340,659                                       | Landowner, SWCD, Private Planners and Engineers               | Enhanced Nutrient Management, nutrient and sediment reduction | 2017                     | NYS EPF, Landowner, SWCD            |
|               |                                  |                                                                                                                                          | Composting (Animal) - Heavy Use Protection Area, Vegetative Treatment Area - Yawger Creek (Aurelius)                                                                                                              | \$24,001                                        | Landowner, SWCD, Private Planners and Engineers               | nutrient control                                              | 2018                     | NYS EPF, Landowner, SWCD            |
|               |                                  |                                                                                                                                          | Silage Leachate and Control - Yawger Creek (Fleming)                                                                                                                                                              | \$264,546                                       | Landowner, SWCD, Private Planners and Engineers               | Enhanced Nutrient Management, nutrient and sediment reduction | 2018                     | NYS EPF, Landowner, SWCD            |
|               |                                  |                                                                                                                                          | Erosion Control System (Structural) - Critical Area Planting, Mulching, Underground Outlet, Water & Sediment Control Basin- Lively Run (Genoa)                                                                    | \$67,322                                        | Landowner, SWCD, USDA-NRCS, Private Planners and Engineers    | erosion and sediment control                                  | 2018                     | NYS EPF, Landowner, SWCD, USDA-NRCS |
|               |                                  |                                                                                                                                          | Manure & Agricultural Waste Treatment System- Waste Storage Facility, Roof & Covers- Red Creek (Ledyard- Beef farm)                                                                                               | \$297,114                                       | Landowner, SWCD, USDA-NRCS, Private Planners and Engineers    | Enhanced Nutrient Management, nutrient and sediment reduction | 2018                     | NYS EPF, Landowner, SWCD, USDA-NRCS |
|               |                                  |                                                                                                                                          | Livestock Heavy Use Area & Runoff Management System                                                                                                                                                               |                                                 |                                                               |                                                               |                          |                                     |
|               |                                  |                                                                                                                                          | Prescribed rotational grazing System                                                                                                                                                                              |                                                 |                                                               |                                                               |                          |                                     |
|               |                                  |                                                                                                                                          | Waste Storage & Transfer System - Big Salmon Creek (Genoa)                                                                                                                                                        | \$142,298                                       | Landowner, SWCD, Private Planners and Engineers               | Enhanced Nutrient Management, nutrient and sediment reduction | 2018                     | NYS EPF, Landowner, SWCD            |
|               |                                  |                                                                                                                                          | Silage Leachate Control & Treatment System                                                                                                                                                                        |                                                 |                                                               |                                                               |                          |                                     |
|               |                                  | Riparian Buffer System- Herbaceous Riparian Cover                                                                                        |                                                                                                                                                                                                                   |                                                 |                                                               |                                                               |                          |                                     |
|               |                                  | Silage Leachate Control & Treatment System - Big Salmon Creek (Scipio)                                                                   | \$292,899                                                                                                                                                                                                         | Landowner, SWCD, Private Planners and Engineers | Enhanced Nutrient Management, nutrient and sediment reduction | 2018                                                          | NYS EPF, Landowner, SWCD |                                     |
|               |                                  | Waste Storage and Transfer System - Big Salmon Creek (Scipio)                                                                            | \$488,692                                                                                                                                                                                                         | Landowner, SWCD, Private Planners and Engineers | Enhanced Nutrient Management, nutrient and sediment reduction | 2018                                                          | NYS EPF, Landowner, SWCD |                                     |
|               |                                  | CAFO Waste Storage and Transfer System Program WSTSP - Rd 1                                                                              |                                                                                                                                                                                                                   |                                                 |                                                               |                                                               |                          |                                     |
|               |                                  | Waste Storage and Transfer System - Waste Storage Facility, Access Road, Waste Transfer, Subsurface Drain, Fence - Salmon Creek (Scipio) | \$772,920                                                                                                                                                                                                         | Landowner, SWCD, Private Planners and Engineers | Enhanced Nutrient Management, nutrient and sediment reduction | 2017-2020                                                     | NYS EPF, Landowner, SWCD |                                     |
|               |                                  | Waste Storage and Transfer System - Big Salmon (Venice)                                                                                  | \$1,261,612                                                                                                                                                                                                       | Landowner, SWCD, Private Planners and Engineers | Enhanced Nutrient Management, nutrient and sediment reduction | 2017-2020                                                     | NYS EPF, Landowner, SWCD |                                     |
|               |                                  | Waste Storage and Transfer System - Yawger Creek (Springport)                                                                            | \$185,695                                                                                                                                                                                                         | Landowner, SWCD, Private Planners and Engineers | Enhanced Nutrient Management, nutrient and sediment reduction | 2017-2020                                                     | NYS EPF, Landowner, SWCD |                                     |
|               |                                  | Riparian Buffer System                                                                                                                   |                                                                                                                                                                                                                   |                                                 |                                                               |                                                               |                          |                                     |
|               |                                  | Waste Storage and Transfer System - Waste Storage Facility, Subsurface Drain, Fence, Access Road, Waste Transfer - Yawger Creek (Scipio) | \$1,881,090                                                                                                                                                                                                       | Landowner, SWCD, Private Planners and Engineers | Enhanced Nutrient Management, nutrient and sediment reduction | 2017-2020                                                     | NYS EPF, Landowner, SWCD |                                     |
|               |                                  | Waste Storage and Transfer System - Yawger Creek (Fleming)                                                                               | Included above                                                                                                                                                                                                    | Landowner, SWCD, Private Planners and Engineers | Enhanced Nutrient Management, nutrient and sediment reduction | 2017-2020                                                     | NYS EPF, Landowner, SWCD |                                     |
|               |                                  | Waste Storage and Transfer System - Big Salmon (Venice)                                                                                  | \$991,724                                                                                                                                                                                                         | Landowner, SWCD, Private Planners and Engineers | Enhanced Nutrient Management, nutrient and sediment reduction | 2017-2020                                                     | NYS EPF, Landowner, SWCD |                                     |
|               |                                  | Manure & Agricultural Waste Treatment System - Red Creek (Ledyard- Dairy)                                                                | \$485,094                                                                                                                                                                                                         | Landowner, SWCD, Private Planners and Engineers | nutrient reduction and air emissions                          | 2020                                                          | NYS EPF, Landowner, SWCD |                                     |
|               |                                  | Silage Leachate Control and Treatment System - Lively Run (Genoa-Dairy)                                                                  | \$173,563                                                                                                                                                                                                         | Landowner, SWCD, Private Planners and Engineers | Enhanced Nutrient Management, nutrient and sediment reduction | 2018-2022                                                     | NYS EPF, Landowner, SWCD |                                     |
|               |                                  | Soil Conservation System (cover crop)                                                                                                    | \$48,165                                                                                                                                                                                                          | Landowner, SWCD, Private Planners               | Reduction in Soil Erosion                                     | 2014-2019                                                     | NYS EPF, Landowner       |                                     |
|               |                                  | Soil Conservation System (cover crop)                                                                                                    | \$243,600                                                                                                                                                                                                         | Landowner, SWCD, Private Planners               | Reduction in Soil Erosion                                     | 2016-2020                                                     | NYS EPF, Landowner       |                                     |
|               |                                  | Prescribed Rotational Grazing System                                                                                                     | \$21,700                                                                                                                                                                                                          | Landowner, SWCD                                 | Reduction in Soil Erosion                                     | 2017-2021                                                     | NYS EPF, Landowner       |                                     |
|               |                                  | Soil Conservation System (cover crop)                                                                                                    | \$59,036                                                                                                                                                                                                          | Landowner, SWCD, Private Planners               | Reduction in Soil Erosion                                     | 2017-2021                                                     |                          |                                     |
|               |                                  | NYS Dept of Ag & Mkts- Eastern Finger Lakes Cover Crops                                                                                  | Soil Conservation System (cover crop)                                                                                                                                                                             | \$60,000                                        | Landowner, SWCD, Private Planners                             | Reduction in Soil Erosion                                     | 2018-2021                | NYS EPF, Landowner                  |
|               |                                  | NYS Dept. of Ag & Mkts- Climate Resilient Farming Grant Program                                                                          | Soil Conservation System (cover crop)                                                                                                                                                                             | \$34,638                                        | Landowner, SWCD                                               | Reduction in Soil Erosion                                     | 2018-2022                | NYS EPF, Landowner                  |
|               |                                  |                                                                                                                                          | Reduced Tillage Management                                                                                                                                                                                        | Calculated in figure above                      | Landowner, SWCD                                               | Reduction in Soil Erosion                                     | 2018-2022                | NYS EPF, Landowner                  |
|               |                                  |                                                                                                                                          | Prescribed Grazing Management                                                                                                                                                                                     | Calculated in figure above                      | Landowner, SWCD                                               | Reduction in Soil Erosion                                     | 2018-2022                | NYS EPF, Landowner                  |
|               |                                  | NYS DEC Water Quality Improvement Program (WQIP) projects                                                                                | Critical Area Stabilization including Hydroseeding & rock lined ditches -Various townships, watersheds                                                                                                            | \$165,000                                       | SWCD, Municipal Highway Departments, Landowners               | Stabilize Critical Areas                                      | 2014-2019                |                                     |
|               |                                  | Other Projects                                                                                                                           | Streambank Stabilization- Big Salmon Creek (Genoa)                                                                                                                                                                | \$8,228                                         | SWCD, Genoa Highway Dept.                                     | Protect the Town road while stabilizing the streambank        | 2017                     | *NYS Environmental Protection Fund  |
|               |                                  |                                                                                                                                          | Streambank Stabilization- Sheldrake Creek (Genoa)                                                                                                                                                                 | \$20,000                                        | SWCD, Genoa Highway Dept.                                     | Protect the Town road while stabilizing the streambank        | 2019-2020                | NYS Environmental Protection Fund   |
|               |                                  |                                                                                                                                          | Complete culvert evaluation utilizing the North Atlantic Aquatic Connective Corridor protocol- Various, including Big Salmon Creek, Yawger Brook, Red Cr., Demont Cr., Paines Cr.                                 | \$10,000                                        | SWCD                                                          | Evaluate 180 crossings for stream connectivity                | 2017-2018                | NYS Environmental Protection Fund   |

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|-----------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|
| Cortland County                         | Amanda Barber, District Manager  | NYS DEC Water Quality Improvement Program projects                                                  | Rehabilitation of at least 3 culverts, streams, and buffers in the watershed; Total cost budgeted \$510,000, some grant funds secured | \$510,000                                                                       | Local highway departments; local share \$127,500, the rest paid by state grants.                                                      | The project will stabilize areas of the stream corridor by right sizing culverts, addressing associated erosion, and enhancing buffers. These activities will reduce phosphorous and silt/sediment load. | 2021 completion anticipated                                                     | WQIP and municipal match                  |                                           |
|                                         |                                  |                                                                                                     | Hydroseeding and critical area protection in transportation corridors.                                                                | \$10,000                                                                        | Local highway departments                                                                                                             | The project will stabilize infrastructure in our transportation corridors that often act as a direct conduit to water bodies to reduce erosion and the transport of silt, sediment, and nutrients.       | 2021 completion anticipated                                                     | WQIP and municipal/ SWCD match            |                                           |
|                                         |                                  |                                                                                                     | Hydroseeding                                                                                                                          | \$5,000                                                                         | Local highway departments                                                                                                             | Protect critical areas from erosion to reduce sediment and nutrient losses                                                                                                                               | 2015-18                                                                         | FLOWPA/ SWCD                              |                                           |
|                                         |                                  | NYS Ag and Markets & AgNPS Pollution Abatement Program projects                                     | Waste Storage and Transfer System                                                                                                     | \$134,000                                                                       | Farmer, SWCD, Private Planners and Engineers                                                                                          | Enhanced Nutrient Management, nutrient and sediment reduction                                                                                                                                            | 2017-18                                                                         | NYS EPF/ NYSDAM/ AGNP and landowner match |                                           |
|                                         |                                  |                                                                                                     | Waste Storage and Transfer System and riparian forested buffer                                                                        | \$301,000                                                                       | Farmer, SWCD, Private Planners and Engineers                                                                                          | Enhanced Nutrient Management, nutrient and sediment reduction                                                                                                                                            | 2017-18                                                                         | NYS EPF/ NYSDAM/ AGNP and landowner match |                                           |
|                                         |                                  |                                                                                                     | Cover crops on 100 acres cropland in the watershed                                                                                    | \$8,000                                                                         | Farmers                                                                                                                               | Reduce cropland erosion and nutrient losses                                                                                                                                                              | 2018-2020                                                                       | NYSDAM                                    |                                           |
|                                         |                                  |                                                                                                     | Nutrient Management Planning: Comprehensive nutrient management planning on approximately 500 acres                                   | \$27,000                                                                        | Farmer                                                                                                                                | This project will result in nutrient and sediment load reductions from agricultural land                                                                                                                 | through 2022                                                                    | NYS EPF/ NYSDAM/ AGNP and landowner match |                                           |
|                                         |                                  |                                                                                                     | Technical Assistance for permits, planning, stormwater                                                                                | \$5,000 annually                                                                | Municipalities and Landowners                                                                                                         | Improved resource management for better water quality                                                                                                                                                    | ongoing                                                                         | FLOWPA                                    |                                           |
|                                         |                                  | Other Projects                                                                                      | Culvert Assessments (NAACC)                                                                                                           | \$4,292                                                                         | Local highway departments                                                                                                             | Information for culvert rehabilitation prioritization                                                                                                                                                    | 2017-18                                                                         | NYSDAM EBM                                |                                           |
| Septic System Education and Maintenance | \$2,000                          |                                                                                                     | Municipalities and Landowners                                                                                                         | Improved resource management for better water quality                           | 2018                                                                                                                                  | SWCD funds and landowner match                                                                                                                                                                           |                                                                                 |                                           |                                           |
|                                         |                                  |                                                                                                     |                                                                                                                                       |                                                                                 |                                                                                                                                       |                                                                                                                                                                                                          |                                                                                 |                                           |                                           |
| Schuyler County                         | Jerry Verrigni, District Manager | Spring Brook Habitat Improvement                                                                    | Box Culvert replacing double culvert pipes and stream stabilization                                                                   | \$400,000.00                                                                    | Town of Hector, Schuyler County Highway, Trout Unlimited, National Forest Fish Passage, Habitat, Reduction of sediments and nutrients | Complete                                                                                                                                                                                                 | State and Federal                                                               |                                           |                                           |
|                                         |                                  | Spring Brook Habitat Improvement                                                                    | Pipe arch and over flow to replace culvert                                                                                            | \$450,000.00                                                                    | Town of Hector, Trout Unlimited, National Forest Fish Passage                                                                         | Complete                                                                                                                                                                                                 | Federal                                                                         |                                           |                                           |
|                                         |                                  | AGNPS Round 23                                                                                      | Ag. Waste Management                                                                                                                  | \$ 955,100.00                                                                   | Ag. MKTS                                                                                                                              | reduce commercial fertilizer, reduce nutrient and pathogen loading                                                                                                                                       | 2020                                                                            | State and Local                           |                                           |
|                                         |                                  | Road Ditch and Stream Stabilization                                                                 | 2,000' Road Ditch and 227' Stream Stabilization                                                                                       | \$48,899.54                                                                     | Town of Hector, DEC                                                                                                                   | Reduce nutrients and sediments, stabilization                                                                                                                                                            | complete                                                                        | state and local                           |                                           |
|                                         |                                  | Road Ditch and Stream Stabilization                                                                 | Minimum of 2,000' of stream and 3,000' of road ditch stabilization                                                                    | \$ 484,225.00                                                                   | Town of hector, Schuyler County Highway, DEC                                                                                          | reduction of nutrients and sediments, flood attenuation, stabilization                                                                                                                                   | 2019 and 2020                                                                   | State                                     |                                           |
|                                         |                                  | Cross Culvert Replacement                                                                           | Replace undersized Cross Culvert CR 1                                                                                                 | \$100,000.00                                                                    | County Highway                                                                                                                        | flood attenuation and reduction of nutrients and sediments                                                                                                                                               | 2019                                                                            | Federal                                   |                                           |
|                                         |                                  | Cover Crop Project                                                                                  | 5700 ac. Over 3 years with an interseeder (in multiple watersheds)                                                                    | \$400,000.00                                                                    | Landowners                                                                                                                            | cover crops 5700 acres over 3 years with an interseeder.                                                                                                                                                 | 2018-2022                                                                       | State and Local                           |                                           |
|                                         |                                  | Hydro-seeding/ critical area seeding                                                                | 80 acres annually (road ditch focused) multiple watersheds)                                                                           | \$80,000 annually                                                               | highway departments                                                                                                                   | critical area seeding 80 acres annually                                                                                                                                                                  | annually                                                                        | State and Local                           |                                           |
| Seneca County                           | Erin Peruzzini, District Manager | NYS Ag and Markets - AgNPS Pollution Abatement Program projects                                     | 2 livestock heavy use area runoff mgmt. system                                                                                        | \$160,000                                                                       | Farmers                                                                                                                               | AG BMP's / Water Quality improvements to prevent added nutrients from entering Cayuga Lake                                                                                                               | 2010-2016                                                                       | NYS Environmental Protection Fund         |                                           |
|                                         |                                  |                                                                                                     | 2 prescribed rotational grazing systems & 1 livestock heavy use runoff mgmt. system                                                   | \$66,000                                                                        | Farmers                                                                                                                               | AG BMP's / Water Quality improvements to prevent added nutrients from entering Cayuga Lake                                                                                                               | 2011-2017                                                                       | NYS Environmental Protection Fund         |                                           |
|                                         |                                  |                                                                                                     | 1 access control system, 1 compost facility, 2 livestock heavy use runoff mgmt. system                                                | \$137,000                                                                       | Farmers                                                                                                                               | AG BMP's / Water Quality improvements to prevent added nutrients from entering Cayuga Lake                                                                                                               | 2014-2018                                                                       | NYS Environmental Protection Fund         |                                           |
|                                         |                                  |                                                                                                     | Livestock heavy use area runoff mgmt. system & 1 critical area seeding                                                                | \$21,000                                                                        | Farmers                                                                                                                               | AG BMP's / Water Quality improvements to prevent added nutrients from entering Cayuga Lake                                                                                                               | 2016-2019                                                                       | NYS Environmental Protection Fund         |                                           |
|                                         |                                  | NYS Ag and Markets - AgNPS Pollution Abatement Program projects                                     | 1 livestock heavy use runoff mgmt. system, 3 prescribed grazing sys & 1 Compost facility                                              | \$185,000                                                                       | Farmers                                                                                                                               | AG BMP's / Water Quality improvements to prevent added nutrients from entering Cayuga Lake                                                                                                               | 2018-2021                                                                       | NYS Environmental Protection Fund         |                                           |
|                                         |                                  |                                                                                                     | Weed harvesting / aquatic invasive control                                                                                            | \$18,000                                                                        | Seneca County, CLWN, FLI                                                                                                              | Attempt to control aquatic invasive in Cayuga Lake                                                                                                                                                       | 2015                                                                            | FL-LOWPA                                  |                                           |
|                                         |                                  |                                                                                                     | Weed harvesting / aquatic invasive control                                                                                            | \$25,071                                                                        | Seneca County, CLWN, FLI                                                                                                              | Attempt to control aquatic invasive in Cayuga Lake                                                                                                                                                       | 2016                                                                            | FL-LOWPA                                  |                                           |
|                                         |                                  |                                                                                                     | Weed harvesting / aquatic invasive control                                                                                            | \$30,000                                                                        | Seneca County, CLWN, FLI                                                                                                              | Attempt to control aquatic invasive in Cayuga Lake                                                                                                                                                       | 2017                                                                            | FL-LOWPA                                  |                                           |
|                                         |                                  |                                                                                                     | Weed harvesting / aquatic invasive control                                                                                            | \$24,802                                                                        | Seneca County, CLWN, FLI                                                                                                              | Attempt to control aquatic invasive in Cayuga Lake                                                                                                                                                       | 2018                                                                            | FL-LOWPA                                  |                                           |
|                                         |                                  |                                                                                                     | Critical Area Treatment (CAT) Roadbank or streambank stabilization & hydroseeding                                                     | \$10,954                                                                        | Seneca Cty highway & various Town Highway Dept.                                                                                       | Water Quality improvements to prevent added nutrients from entering Cayuga Lake                                                                                                                          | 2015                                                                            | FL-LOWPA                                  |                                           |
|                                         |                                  |                                                                                                     | Critical Area Treatment (CAT) Roadbank or streambank stabilization & hydroseeding                                                     | \$11,298                                                                        | Seneca Cty highway & various Town Highway Dept.                                                                                       | Water Quality improvements to prevent added nutrients from entering Cayuga Lake                                                                                                                          | 2016                                                                            | FL-LOWPA                                  |                                           |
|                                         |                                  |                                                                                                     | Critical Area Treatment (CAT) Roadbank or streambank stabilization & hydroseeding                                                     | \$5,567                                                                         | Seneca Cty highway & various Town Highway Dept.                                                                                       | Water Quality improvements to prevent added nutrients from entering Cayuga Lake                                                                                                                          | 2017                                                                            | FL-LOWPA                                  |                                           |
|                                         |                                  |                                                                                                     | Critical Area Treatment (CAT) Roadbank or streambank stabilization & hydroseeding                                                     | \$5,638                                                                         | Seneca Cty Highway & various Town Highway Dept.                                                                                       | Water Quality improvements to prevent added nutrients from entering Cayuga Lake                                                                                                                          | 2018                                                                            | FL-LOWPA                                  |                                           |
|                                         |                                  |                                                                                                     | Agricultural Best Management Practices (BPMs)                                                                                         | \$48,740                                                                        | Farmers                                                                                                                               | Water Quality improvements to prevent added nutrients from entering Cayuga Lake                                                                                                                          | 2015                                                                            | FL-LOWPA                                  |                                           |
|                                         |                                  |                                                                                                     | Agricultural Best Management Practices (BPMs)                                                                                         | \$33,571                                                                        | Farmers                                                                                                                               | Water Quality improvements to prevent added nutrients from entering Cayuga Lake                                                                                                                          | 2016                                                                            | FL-LOWPA                                  |                                           |
|                                         |                                  |                                                                                                     | Agricultural Best Management Practices (BPMs)                                                                                         | \$21,752                                                                        | Farmers                                                                                                                               | Water Quality improvements to prevent added nutrients from entering Cayuga Lake                                                                                                                          | 2017                                                                            | FL-LOWPA                                  |                                           |
|                                         |                                  |                                                                                                     | Agricultural Best Management Practices (BPMs)                                                                                         | \$26,222                                                                        | Farmers                                                                                                                               | Water Quality improvements to prevent added nutrients from entering Cayuga Lake                                                                                                                          | 2018                                                                            | FL-LOWPA                                  |                                           |
|                                         |                                  |                                                                                                     | Finger Lakes-Lake Ontario Watershed Protection Alliance (FLOWPA) projects                                                             | Weed harvesting, Ag BMP's & CAT                                                 | \$88,360                                                                                                                              | Farmers, Seneca County, CLWN, FLI, Seneca Cty Highway & various Town Highway Dept.                                                                                                                       | Water Quality improvements to prevent added nutrients from entering Cayuga Lake | 2019                                      | FL-LOWPA                                  |
|                                         |                                  |                                                                                                     |                                                                                                                                       | Wood chipper for Emerald Ash Borer                                              | \$6,000                                                                                                                               | Seneca Cty highway & various Town Highway Dept.                                                                                                                                                          | Water Quality improvements to prevent added nutrients from entering Cayuga Lake | 2015                                      | Ag & Markets Performance Measures, Part B |
|                                         |                                  |                                                                                                     |                                                                                                                                       | Drainage ditch maintenance                                                      | \$6,000                                                                                                                               | Seneca Cty Highway & Cayuga SWCD                                                                                                                                                                         | Water Quality improvements to prevent added nutrients from entering Cayuga Lake | 2016                                      | Ag & Markets Performance Measures, Part B |
|                                         |                                  | Drainage ditch maintenance                                                                          |                                                                                                                                       | \$6,000                                                                         | Seneca Cty Highway & Cayuga SWCD                                                                                                      | Water Quality improvements to prevent added nutrients from entering Cayuga Lake                                                                                                                          | 2017                                                                            | Ag & Markets Performance Measures, Part B |                                           |
|                                         |                                  | Mowing drainage ditch                                                                               |                                                                                                                                       | \$6,000                                                                         | Seneca Cty Highway & Cayuga SWCD                                                                                                      | Water Quality improvements to prevent added nutrients from entering Cayuga Lake                                                                                                                          | 2018                                                                            | Ag & Markets Performance Measures, Part B |                                           |
|                                         |                                  | Weed harvesting                                                                                     |                                                                                                                                       | \$15,461                                                                        | Seneca County, CLWN, FLI                                                                                                              | Water Quality improvements to prevent added nutrients from entering Cayuga Lake                                                                                                                          | 2015                                                                            | Ag & Markets Performance Measures, Part C |                                           |
|                                         |                                  | Roadbank stabilization, erosion & flooding repairs                                                  |                                                                                                                                       | \$16,174                                                                        | Seneca Cty highway & various Town Highway Dept.                                                                                       | Water Quality improvements to prevent added nutrients from entering Cayuga Lake                                                                                                                          | 2016                                                                            | Ag & Markets Performance Measures, Part C |                                           |
|                                         |                                  | Flooding & erosion control                                                                          |                                                                                                                                       | \$92,447                                                                        | Seneca Cty highway & various Town Highway Dept.                                                                                       | Water Quality improvements to prevent added nutrients from entering Cayuga Lake                                                                                                                          | 2017                                                                            | Ag & Markets Performance Measures, Part C |                                           |
|                                         |                                  | Performance Measure (2019 current & future planned & funded)                                        | Flooding and roadbank stabilization                                                                                                   | \$87,822                                                                        | Seneca Cty highway & various Town Highway Dept.                                                                                       | Water Quality improvements to prevent added nutrients from entering Cayuga Lake                                                                                                                          | 2018                                                                            | Ag & Markets Performance Measures, Part C |                                           |
|                                         |                                  |                                                                                                     | Wildlife habitat                                                                                                                      | \$6,000                                                                         | NYCC                                                                                                                                  | Water Quality improvements to prevent added nutrients from entering Cayuga Lake                                                                                                                          | 2019                                                                            | Ag & Markets Performance Measures, Part C |                                           |
|                                         |                                  |                                                                                                     | Erosion control and water management                                                                                                  | \$85,000                                                                        | Farmers, Seneca Cty highway & various Town Highway Dept.                                                                              | Water Quality improvements to prevent added nutrients from entering Cayuga Lake                                                                                                                          | 2019                                                                            | Ag & Markets Performance Measures, Part C |                                           |
|                                         |                                  |                                                                                                     | NYS DEC Water Quality Improvement Program (WQIP) projects                                                                             | Erosion control, roadbank stabilization & Hydroseeding                          | \$107,000                                                                                                                             | Landowners, FL Land Trust, Seneca Cty highway & various Town Highway Dept.                                                                                                                               | Water Quality improvements to prevent added nutrients from entering Cayuga Lake | 2018-2021                                 | WQIP/DEC/CFA                              |
|                                         |                                  | NYS SAM Grant (2019 current & future planned & funded)                                              | Purchase of water monitoring equipment                                                                                                | \$100,000                                                                       | CLWN, FLI                                                                                                                             | Monitoring Cayuga Lake                                                                                                                                                                                   | 2018-2021                                                                       | NYS SAM GRANT                             |                                           |
| Other Funding Sources (2015-2018)       | Ag BMP's & CAT                   | \$11,336                                                                                            | Farmers, Seneca Cty highway & various Town Highway Dept.                                                                              | Water Quality improvements to prevent added nutrients from entering Cayuga Lake | 2015-2018                                                                                                                             | Earned State funding from various grants                                                                                                                                                                 |                                                                                 |                                           |                                           |

| County          | What is your name and job title? | Project/ Program Area (current, recently completed, or planned water quality project type/category) | Project description                                                                                                                                                                                          | Project cost | Project partners                                                                             | Project objectives                                                                                                                                                                             | Project timeline | Project funding source            |
|-----------------|----------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------|
| Tompkins County | Jon Negley, District Manager     | NYS Ag and Markets - AgNPS Pollution Abatement Program projects                                     | Ag Waste Management and Silage Leachate Collection System - Town of Ithaca (Cayuga Inlet Watershed)                                                                                                          | \$120,389    | Farmer                                                                                       | Install Silage Leachate collection and treatment system, Install Milk Center Waste Collection & Treatment System, Barnyard Runoff Control System, Manure Loading pad to Protect Cayuga Inlet   | 2010-2016        | NYS Environmental Protection Fund |
|                 |                                  |                                                                                                     | Silage Leachate Management System - Town of Dryden (Fall Creek Watershed)                                                                                                                                    | \$224,342    | Farmer                                                                                       | Install Silage Leachate Collection System to protect Fall Creek                                                                                                                                | 2014-2018        | NYS Environmental Protection Fund |
|                 |                                  |                                                                                                     | Ag Waste Management System - Town of Groton (Owasco Inlet Watershed)                                                                                                                                         | \$774,675    | Farmer                                                                                       | Install Ag Waste Management System to protect Owasco Inlet                                                                                                                                     | 2018-2021        | NYS Environmental Protection Fund |
|                 |                                  | NYS DEC Water Quality Improvement Program (WQIP) projects                                           | Hydroseeding Local Roadside Ditches (Tompkins County)                                                                                                                                                        | \$120,500    | Municipal Highway Departments                                                                | Seed approximately 50 miles of roadside ditches                                                                                                                                                | 2012-2015        |                                   |
|                 |                                  |                                                                                                     | Hydroseeding Local Roadside Ditches (Tompkins County)                                                                                                                                                        | \$282,975    | Municipal Highway Departments                                                                | Seed approximately 50 miles of roadside ditches                                                                                                                                                | 2015-2019        | NYS Environmental Protection Fund |
|                 |                                  |                                                                                                     | Streambank stabilization project (Town of Enfield, Enfield Creek Watershed)                                                                                                                                  | \$150,000    | Tompkins County Highway, Town of Enfield, Landowners, Finger Lakes Land Trust                | Stabilize 3,000 feet of eroding streambank in the Enfield Creek Watershed                                                                                                                      | 2014-2018        | NYS Environmental Protection Fund |
|                 |                                  |                                                                                                     | Storm water Mapping (Tompkins County)                                                                                                                                                                        | \$109,000    | Cornell Cooperative Extension                                                                | Map culverts and storm water infrastructure in the MS4 region of Tompkins County.                                                                                                              | 2016-2019        | NYS Environmental Protection Fund |
|                 |                                  |                                                                                                     | Storm water BMPs using Compost (Tompkins County)                                                                                                                                                             | \$105,884    | Tompkins County Highway, Town of Dryden, Town of Enfield, Town of Ithaca, Cornell University | Demonstrate the beneficial uses of compost BMPs in Storm water practices                                                                                                                       | 2019-2023        | NYS Environmental Protection Fund |
|                 |                                  |                                                                                                     | Streambank Stabilization inventory and implementation project (Cayuga Inlet Watershed)                                                                                                                       | \$750,000    |                                                                                              | Inventory highly eroding streambanks, implement stabilization measures to reduce sediment to the Cayuga Inlet                                                                                  | 2019-2023        | NYS Environmental Protection Fund |
|                 |                                  |                                                                                                     | Storm water Mapping (Tompkins County)                                                                                                                                                                        | \$117,774    |                                                                                              | Continue efforts of previous storm water mapping grant                                                                                                                                         | 2015             | NYS Environmental Protection Fund |
|                 |                                  |                                                                                                     | Streambank stabilization project (Town of Caroline - Sixmile Creek Watershed)                                                                                                                                | \$5,000      | Town of Caroline                                                                             | Stabilize road ditch entering into Sixmile Creek Watershed. This project was cost shared with the Town of Caroline.                                                                            | 2015-2018        | NYS Environmental Protection Fund |
|                 |                                  |                                                                                                     | Baseline Water Quality Monitoring (Cayuga Lake Watershed)                                                                                                                                                    | \$21,000     | Community Science Institute                                                                  | Monitor water quality with citizen scientists                                                                                                                                                  | 2016             | NYS Environmental Protection Fund |
|                 |                                  |                                                                                                     | Barnyard runoff control project (Town of Caroline, Sixmile Creek Watershed)                                                                                                                                  | \$9,990      | Farmer                                                                                       | Install roof cover over barnyard area to protect Sixmile Creek Watershed                                                                                                                       | 2016             | NYS Environmental Protection Fund |
|                 |                                  | Finger Lakes-Lake Ontario Watershed Protection Alliance (FLOWPA) projects                           | Streambank stabilization project (Town of Groton - Owasco Inlet Watershed)                                                                                                                                   | \$5,610      | Landowner                                                                                    | Provide flood protection and sediment control for Owasco Inlet                                                                                                                                 | 2016-2018        | NYS Environmental Protection Fund |
|                 |                                  |                                                                                                     | USGS Gauging Station support (Sixmile Creek Watershed)                                                                                                                                                       | \$10,000     | Town of Caroline, City of Ithaca                                                             | Provide flow monitoring and sediment analysis for Six Mile creek and the City of Ithaca's drinking water source.                                                                               | 2016-2017        | NYS Environmental Protection Fund |
|                 |                                  |                                                                                                     | Cover Crop Implementation (Town of Groton and Lansing, Fall Creek and Owasco Inlet)                                                                                                                          | \$10,000     | Farmers                                                                                      | Provide cost share assistance for farmers to implement cover crops on 300 acres                                                                                                                | 2015-2018        | NYS Environmental Protection Fund |
|                 |                                  |                                                                                                     | Technical Assistance for water quality improvement (FLOWPA watershed)                                                                                                                                        | \$55,000     |                                                                                              | Provide technical assistance for culvert replacement, streambank stabilization, pond maintenance, watershed plans, water quality improvement, etc.                                             | 2015-2018        | NYS Environmental Protection Fund |
|                 |                                  |                                                                                                     | Ditch stabilization project (Town of Enfield, Enfield creek watershed)                                                                                                                                       | \$3,000      | Town of Enfield                                                                              | Stabilize road ditch                                                                                                                                                                           | 2017             | NYS Environmental Protection Fund |
|                 |                                  |                                                                                                     | Streambank stabilization project (Town of Enfield, Enfield creek watershed)                                                                                                                                  | \$18,980     |                                                                                              | Provide technical assistance for culvert replacement, streambank stabilization, pond maintenance, watershed plans, water quality improvement, etc.                                             | 2018             | NYS Environmental Protection Fund |
|                 |                                  |                                                                                                     | Laneway improvement project (Town of Danby, Cayuga Inlet watershed)                                                                                                                                          | \$21,848     | Town of Danby                                                                                | Stabilized eroding laneway and establish drainage improvements                                                                                                                                 |                  | NYS Environmental Protection Fund |
|                 |                                  | FLOWPA (current and future planned and funded)                                                      | Many planned- many of their FLOWPA programs repeat from year to year (i.e.- Ag BMP project, Streambank stabilization project, water quality monitoring, USGS Gauge Station support and technical assistance) | \$2,915,867  |                                                                                              | Many of their FLOWPA programs repeat from year to year (i.e.- Ag BMP project, Streambank stabilization project, water quality monitoring, USGS Gauge Station support and technical assistance) |                  |                                   |