Agricultural
Environmental
Management

Round 22 Agricultural Nonpoint Source Abatement and Control Program Project Descriptions

All projects support the New York State Agricultural Environmental Management (AEM) Program by funding the implementation of agricultural water quality Best Management Practices (BMPs) to protect natural resources while maintaining the economic viability of New York State's diverse agricultural community.

Central NY

Cayuga County SWCD

$105,177.00 was awarded to the Cayuga County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on one farm in the Cayuga Lake Watershed. The Cayuga Lake Watershed is the largest watershed within the Finger Lakes region covering approximately 500,000 acres. The best management practices to be implemented include: ag waste treatment systems and a riparian buffer. These systems will keep nutrients, sediment and other pollutants out of the lake while helping the farms remain economically viable.

$205,530.00 was awarded to the Cayuga County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on two farms in the Salmon Creek Watershed. The Salmon Creek Watershed is a sub-watershed of the Cayuga Lake Watershed and a major tributary to Cayuga Lake. Thbest management practices to be implemented include: silage leachate treatment systems, erosion control and riparian buffers. These systems will keep nutrients, sediment and other pollutants out of the watershed while helping the farms remain economically viable.

$277,960.00 was awarded to the Cayuga County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on eight farms in the Cayuga Lake Watershed. The Cayuga Lake Watershed is a Class AA (T) waterbody and is a drinking water source for approximately 100,000 residences. The best management practices to be implemented include: cover crop systems. These systems will keep nutrients, sediment and other pollutants out of the lake while helping the farms remain economically viable.

Cortland County SWCD

$293,675.00 was awarded to the Cortland County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on two

farms in the Merrill Creek Watershed, a major tributary to the Otselic River. The river ultimately flows into the Chenango River, Susquehanna River and ultimately the Chesapeake Bay. The EPA has assigned a Total Maximum Daily Load with the goal of reducing contamination in order to restore biological function in the bay. The runoff control will keep nutrients and other pollutants out of the creek while helping the farm remain economically viable.

$597,485.00 was awarded to the Cortland County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on two farms in the Fall Creek Watershed, a major tributary to Cayuga Lake. Fall Creek is also a drinking water source for Cornell University and the hamlet of Forest Home. The runoff control will keep nutrients and other pollutants out of the creek while helping the farm remain economically viable.

$192,646.00 was awarded to the Cortland County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on one farm in the Factory Brook Watershed. The proposed project will address water quality concerns in several other watershed throughout Cortland County including the Susquehanna River watershed. The Susquehanna River ultimately drains to the Chesapeake Bay. The EPA has assigned a Total Maximum Daily Load with the goal of reducing contamination in order to restore biological function in the bay. The runoff control will keep nutrients and other pollutants out of the watershed while helping the farm remain economically viable.

Madison County SWCD

$503,450.00 was awarded to the Madison County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on 2 farms in the Chittenango Creek Watershed, a sub-watershed of the Oneida Lake Watershed. The project proposes to implement animal waste management systems, stream corridor animal exclusion, and buffer systems on both farms. This project will keep nutrients and other pollutants out of the watershed while helping the farms remain economically viable.

$389,058.00 was awarded to the Madison County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on 17 farms throughout 4 counties in the Susquehanna River Watershed. The Susquehanna River ultimately drains to the Chesapeake Bay. The EPA has assigned a Total Maximum Daily Load with the goal of reducing contamination in order to restore biological function in the bay. The project proposes to implement cover crops on all farms. This project will keep nutrients and other pollutants out of the river while helping the farm remain economically viable.

Onondaga County SWCD

$200,831.00 was awarded to the Onondaga County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on eleven farms across two sub-watershed; Skaneateles Lake and the Greater Oswego River Watershed. Both watersheds are sources of drinking water for several communities throughout central NY. The best management practices to be implemented include: cover crop systems and a prescribed rotational grazing system. These systems will keep nutrients, sediment and other pollutants out of the watersheds while helping the farms remain economically viable.

$284,446.00 was awarded to the Onondaga County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on one farm in the West Branch Limestone Creek/Lower Limestone Creek Watershed. The best management practices to be implemented include: a waste storage and transfer system, riparian buffer system, and 200 acres of cover crop. These systems will keep nutrients, sediment and other pollutants out of the watersheds while helping the farms remain economically viable.

$194,447.00 was awarded to the Onondaga County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on two farms in the Fabious Brook/West Branch Tioughnioga Watershed. The Tioughnioga River is part of the Susquehanna River watershed which ultimately drains to the Chesapeake Bay. The EPA has assigned a Total Maximum Daily Load with the goal of reducing contamination in order to restore biological function in the bay. The best management practices to be implemented include: a waste storage structure and livestock heavy use area protection. These systems will keep nutrients, sediment and other pollutants out of the watersheds while helping the farms remain economically viable.

$176,731.00 was awarded to the Onondaga County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on one farm in the Chittenango Creek/Limestone Creek Watershed. These watersheds are part of the larger Oneida Lake Watershed. The best management practices to be implemented include: a waste storage and transfer system. This system will keep nutrients, sediment and other pollutants out of the watersheds while helping the farms remain economically viable.

Oswego County SWCD

$107,783.00 was awarded to the Oswego County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on one farm in the Lake Neatahwanta watershed. The lake's watershed is 17.7 square miles and consists of four Class C streams. The best management practices to be implemented include: a livestock heavy use area runoff system, a prescribed rotational grazing system and a riparian buffer. These systems will keep nutrients, sediment and other pollutants out of the watersheds while helping the farms remain economically viable.

Western NY

Cattaraugus County SWCD

$1,428,671.00 was awarded to the Cattaraugus County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on five farms in the Cattaraugus Creek Watershed. Cattaraugus Creek is the largest tributary of Lake Erie in New York State. These conservation practices which include agricultural waste management systems and riparian buffers will keep nutrients and other pollutants out of the creek and Lake Erie while helping the farms remain economically viable.

Chautauqua County SWCD

$406,243.00 was awarded to the Chautauqua County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on one farm in the French Creek Watershed. These conservation practices which include an agricultural waste management systems and cover crops will keep nutrients and other pollutants out of the creek while helping the farms remain economically viable.

Erie County SWCD

$532,781.00 was awarded to the Erie County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on two farms in the Eighteenmile Creek/Lake Erie Watershed. Eighteenmile Creek is a highly visible recreational and economic resource that outlets directly into Lake Erie. The conservation practices which include an agricultural waste management systems and riparian buffers will keep nutrients and other pollutants out of the creek while helping the farms remain economically viable.

Niagara County SWCD

$60,669.00 was awarded to the Niagara County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on three farms in the Eighteen Mile Creek watershed. Eighteen Mile Creek watershed is the largest watershed in Niagara County discharging into Lake Ontario. The conservation practices to be implemented are cover crop systems. These practices will keep nutrients and other pollutants out of the creek while helping the farms remain economically viable.

Finger Lakes

Orleans County SWCD

$313,904.00 was awarded to the Orleans County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on nine farms in the Oak Orchard, Sandy Creek, and Johnson Creek Watersheds. The farms

will be implementing cover cropping systems that will keep nutrients and other pollutants out of the creeks while helping the farms remain economically viable.

$34,584.00 was awarded to the Orleans County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on one farm in the Oak Orchard River Watershed. The farm will be implementing a silage leachate treatment system that will keep nutrients and other pollutants out of the watershed while helping the farms remain economically viable.

Wayne County SWCD

$75,163.00 was awarded to the Wayne County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on one farm in the Erie Canal watershed. The conservation practices to be addressed include: silage leachate control and treatment and a livestock heavy use area runoff treatment system. These systems will keep nutrients and other pollutants out of the canal while helping the farms remain economically viable.

Wyoming County SWCD

$926,527.00 was awarded to Wyoming County SWCD for the implementation of best management practices to address agricultural water quality concerns on four farms in the Tonawanda Creek Watershed. Tonawanda Creek is a tributary of the Niagara River which flows into Lake Ontario. The best management practices to be implemented include: ag waste treatment systems and riparian buffers. These systems will keep nutrients, sediment and other pollutants out of the creek while helping the farms remain economically viable.

$547,778.00 was awarded to Wyoming County SWCD for the implementation of best management practices to address agricultural water quality concerns on one farm in the Tonawanda Creek Watershed. Tonawanda Creek is a tributary of the Niagara River which flows into Lake Ontario. The best management practices to be implemented include: ag waste treatment system and a riparian buffer. These systems will keep nutrients, sediment and other pollutants out of the creek while helping the farms remain economically viable.

Capital Region

Albany County SWCD

$86,627.00 was awarded to the Albany County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on one farm in the Fox Creek watershed. Fox Creek is a classified trout stream throughout most of Albany County. The conservation practice systems, which include a prescribed rotational grazing system, will keep phosphorus and other nutrients out of the watershed while helping the farm remain economically viable.

Washington County SWCD

$757,691.00 was awarded to the Washington County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on one farm in the Battenkill White Creek watershed. Conservation practices to be implemented include a waste storage and transfer system, cover crops, and a riparian buffer. These systems will keep nutrients and other pollutants out of the watershed while helping the farm remain economically viable.

$670,928.00 was awarded to the Washington County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on two farms in the Upper Hudson watershed. Conservation practices to be implemented include silage leachate treatment systems, livestock heavy use area protection, and streambank protection. These systems will keep nutrients and other pollutants out of the watershed while helping the farm remain economically viable.

$304,635.00 was awarded to the Washington County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on two farms in the Lake Champlain Canal watershed; a sub-watershed of the Lake Champlain drainage basin. Conservation practices to be implemented include silage leachate treatment systems, livestock heavy use area protection, and riparian buffers. These systems will keep nutrients and other pollutants out of the watershed while helping the farm remain economically viable.

Mohawk Valley

Fulton County SWCD

$149,149.00 was awarded to Fulton County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on one farm in the Great Sacandaga Lake Watershed. These conservation practices will keep nutrients and other pollutants out of the lake while helping the farm remain economically viable.

Herkimer County SWCD

$231,500.00 was awarded to Herkimer County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on one farm in the Nowadaga, Ocquionis, and Otsquago Watersheds. The best management practices to be implemented include: a waste storage and transfer system. These systems will keep nutrients, sediment and other pollutants out of the watersheds while helping the farms remain economically viable.

Montgomery County SWCD

$167,440.00 was awarded to the Montgomery County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on one farm in the Canajoharie Creek Watershed. The conservation practice systems, including an agricultural waste storage system, silage leachate treatment system, livestock heavy use area runoff system, process wash water management system and access control keep phosphorus and other nutrients out of the watershed while helping the farm remain economically viable.

$420,178.00 was awarded to the Montgomery County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on two farms in the Caroga Creek Watershed. The conservation practice systems, including an agricultural waste management systems and a riparian buffer system keep phosphorus and other nutrients out of the watershed while helping the farm remain economically viable.

$120,627.00 was awarded to the Montgomery County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on one farm in the South Chuctanunda Creek watershed. The conservation practice systems, which include various agricultural waste management systems, will keep phosphorus and other nutrients out of the watershed while helping the farm remain economically viable.

Otsego County SWCD

$269,922.00 was awarded to the Otsego County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on five farms in the Upper Susquehanna River and the Chesapeake Bay which is currently under EPA mandated TMDL for nutrients and sediment. The conservation practice systems, which include a riparian buffer systems, will keep phosphorus and other nutrients out of the watershed while helping the farm remain economically viable.

$202,058.00 was awarded to the Otsego County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on one farm in the Upper Schenevus Creek watershed. Ultimately, the Upper Schenevus Creek waters flow to the Upper Susquehanna River and the Chesapeake Bay which is currently under EPA mandated TMDL for nutrients and sediment. The conservation practice systems, which include a prescribed rotational grazing system, will keep phosphorus and other nutrients out of the watershed while helping the farm remain economically viable.

$257,764.00 was awarded to the Otsego County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on one farm in Otego Creek watershed. The proposed conservation practice systems will keep phosphorus and other nutrients out of the watershed while helping the farm remain economically viable.

Southern Tier

Broome County SWCD

$89,100.00 was awarded to Broome County SWCD for the implementation of best management practices to address agricultural water quality concerns on three farms in the Upper Susquehanna River – Otselic River Watershed. The watershed ultimately drains to the Chesapeake Bay, where the EPA has assigned a Total Maximum Daily Load with the goal of reducing contamination in order to restore biological function. The best management practices to be implemented include: prescribed rotational grazing systems that involve controlling livestock access to streams. These systems will keep nutrients, sediment and other pollutants out of the watershed while helping the farms remain economically viable.

$133,566.00 was awarded to Broome County SWCD for the implementation of best management practices to address agricultural water quality concerns on two farms in the Upper Susquehanna River – Nanticoke Creek Watershed. The watershed ultimately drains to the Chesapeake Bay, where the EPA has assigned a Total Maximum Daily Load with the goal of reducing contamination in order to restore biological function. The best management practices to be implemented include: livestock heavy use area runoff management systems. These systems will keep nutrients, sediment and other pollutants out of the creek while helping the farms remain economically viable.

Chemung County SWCD

$388,985.00 was awarded to the Chemung County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on three farms in the Upper Susquehanna River watershed. The watershed ultimately drains to the Chesapeake Bay, where the EPA has assigned a Total Maximum Daily Load with the goal of reducing contamination in order to restore biological function. The best management practices to be implemented include: livestock heavy use area runoff management system, silage leachate treatment system, and riparian buffers. These systems will keep nutrients, sediment and other pollutants out of the watershed while helping the farms remain economically viable.

Schuyler County SWCD

$198,900.00 was awarded to the Schuyler County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on two farms in the Seneca Lake watershed. Seneca Lake, one of the Finger Lakes, is a drinking water source for the Village of Watkins Glen. The best management practices to be implemented include: livestock heavy use area runoff management systems and riparian buffers. These systems will keep nutrients, sediment and other pollutants out of the watershed while helping the farms remain economically viable.

North Country

Clinton County SWCD

$187,462.00 was awarded to the Clinton County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on one farm in the Lake Champlain Watershed. Lake Champlain has an existing Total Maximum Daily Load to address phosphorus loading. The conservation practice systems, including a waste storage and transfer system, will keep nutrients and other pollutants out of the lake while helping the farm remain economically viable.

Essex County SWCD

$167,901.00 was awarded to the Clinton County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on one farm in the Lake Champlain Watershed. Lake Champlain has an existing Total Maximum Daily Load to address phosphorus loading. The conservation practice systems, including a waste composting system, will keep nutrients and other pollutants out of the lake while helping the farm remain economically viable.

Lewis County SWCD

$63,061.00 was awarded to the Lewis County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on three farms in the Black River Watershed. The Black River Watershed makes up approximately 81% of Lewis County. The project proposes to implement cover crops on all three farms. These conservation systems will keep nutrients and other pollutants out of the river while helping the farm remain economically viable.

Mid-Hudson

Orange County SWCD

$337,755.00 was awarded to the Orange County SWCD for the implementation of best management conservation practices to address agricultural water quality concerns on ten farms in the Wallkill River watershed. The Wallkill River is currently classified as stressed under the Department of Environmental Conservation's Priority Waterbodies List. Conservation practices to be implemented include a wide variety of practices from erosion control practices to agrichemical storage and handling system. These systems will keep nutrients and other pollutants out of the watershed while helping the farm remain economically viable.