

Year 2007 Projects

Project Name	Activity	Project Description	Habitat Type	Acreage	Linear Miles
Bar Beach Lagoon Phase 2	Restoration / Re-establishment	A continuation of a restoration project completed in 2003. Wetland is located in a public park near an industrial area. The project entailed removal of debris, fill and invasive species. The site was regraded to proper elevations; <i>Spartina alterniflora</i> was planted; and goose exclusion fencing was installed. Coir logs and erosion control fencing also were used to allow better rooting. A stormwater outfall pipe leading to the site was reconfigured to reduce discharge into the restoration area. To reduce scour, a combination of geotextile fabric and stone was used to level the slope leading out of the outfall pipe.	Tidal Wetland	0.90	0.00
Benners Farm development rights acquisition	Protection / Maintenance	Benners Farm, an operational, educational, organic farm in Setauket, NY, will be protected from development pressures by purchase of farmland development rights through the County's farmland preservation program.	Agricultural Land	11.00	0.00
Cement Plant Park	Restoration / Re-establishment	This project continues restoration along a highly industrialized section of the Bronx River, on a former cement plant property that now is a public park. Industrial debris, invasive species and fill were removed from the shoreline, adjacent to a previous restoration site. After regrading, coconut fiber mats, preplanted with <i>Spartina alterniflora</i> , were staked into the ground.	Tidal Wetland	0.01	0.00
Diamond Hill Pond Dam Eelpass	Enhancement	To restore passage for eels, an eel pass dubbed the eellevator was installed on this dam. Although the dam is above a natural waterfall and beyond the natural reach of anadromous species of fish, the migratory American eel does reach the base of the dam.	In-Stream	0.00	0.00
Ebenezer Smith Homestead Conservation Easement	Protection / Maintenance	The property has rolling, forested hills that border Stony Brook Harbor. In addition to the wooded acres, there also are areas of meadow and wetlands that will remain protected from development.	Forest / Woodland	19.00	0.00
Fishing Brook Fishway & Eelpass (Ingham Hill Pond Dam)	Restoration / Re-establishment	An Alaskan Steeppass fishway and an eelpass were constructed on Ingham Hill Pond Dam to re-establish passage upstream for eels and other migratory fish.	In-Stream	0.00	1.27
Fivemile River Tidal Wetland Restoration Experiment	Restoration / Re-establishment	Biodegradable fiber logs were installed on the peat-flat (formerly a tidal marsh) in such a fashion as to try to trap sediments and encourage rapid vertical growth of the substrate and support growth of <i>Spartina alterniflora</i> . Design is experimental; however, this was done using habitat restoration funds.	Tidal Wetland	0.10	0.00
Hammonasset State Park Marsh Restoration, Phase 4	Restoration / Re-establishment	This salt marsh improvement project is a continuation of earlier fill-removal project and replanting. Project scope expanded the overall salt marsh restoration by 1 acre.	Tidal Wetland	1.14	0.00
Harbor Island Park Tidal Wetland Restoration	Restoration / Re-establishment	Harbor Island Park was created by filling in a tidal wetland with soil, rock and other materials in the early 20th century. The fill had created a steep embankment along much of the water's edge, which was dominated by invasive species, such as Japanese knotweed, garlic mustard and <i>Phragmites australis</i> . Fill was excavated; the site was regraded; and native wetland species were planted. Coconut fiber mats were staked into the ground to provide temporary erosion control while the plantings became established.	Tidal Wetland	0.60	0.00
Hauppauge Springs Acquisition	Protection / Maintenance	Flood-prone, forested freshwater wetland at the headwaters of the Nissequogue River was purchased by Suffolk County to remain undeveloped and serve as natural recharge and/or discharge area.	Forested Wetland	4.50	0.00
Hempstead Harbor Trail Acquisition	Protection / Maintenance	This forested property is contiguous with other Town of North Hempstead properties that will be transformed into a trail running the length of Hempstead Harbor. This will provide improved public access to Long Island Sound.	Forest / Woodland	3.00	0.00
Jordan Millpond Dam Fishway	Restoration / Re-establishment	A 25-foot-long Alaskan steeppass fishway was installed on the 8-foot-tall Jordan Millpond Dam, the first dam on Jordan Brook. The fishway will allow passage upstream for migratory fish.	In-Stream	0.00	4.25

(Jordan Brook)					
Knox School Property Acquisition	Protection / Maintenance	Suffolk County acquired 20 acres of mature woodlands, including a freshwater pond and 300 feet of beach frontage, from a private preparatory school on Stony Brook Harbor. The natural area will be protected from development.	Forest / Woodland	20.49	0.00
Moulson Pond Dam Fishway Modification, Phase 2	Protection / Maintenance	An existing dam in the Eightmile River had fallen into disrepair. Repairs were made to the mill race structure first; the water control gate then was modified to decrease the velocity of the water flowing down the fishway. The decreased velocity will enhance the passability of the dam for migratory fish.	In-Stream	0.00	0.00
Nature Study Woods Stormwater Management and Restoration, Phase 3	Protection / Maintenance	A stormwater outflow pipe was reconfigured to no longer discharge directly into the wetland. The outflow area was lined with stone to disperse the flow of stormwater before entering the wetland. The scoured area from the old outflow location was filled and planted with native vegetation.	Freshwater Marsh	2.50	0.00
Northwood Estate Acquisition	Protection / Maintenance	A mix of forest and fields adjoining Tiffany Creek Preserve will be protected from development. Tiffany Creek is contributes to Oyster Bay Cove and is a significant source of fresh water to the Oyster Bay and Cold Spring Harbor estuary, site of a National Wildlife Refuge.	Forest / Woodland	33.50	0.00
Pulling Estate Acquisition	Protection / Maintenance	Former farmland; meadows and forest protected as open space. The Pulling Property is in the watershed of Tiffany Creek, which is a tributary to Oyster Bay Cove and a significant source of fresh water to Oyster Bay, part of a National Wildlife Refuge.	Forest / Woodland	16.00	0.00
Red Spring Woods Acquisition	Protection / Maintenance	This oak-tulip tree forest is the largest green space remaining in the city limits of the City of Glen Cove. Red Spring flows directly into Long Island Sound; its source is in the forest. The oak and tulip tree forest, once common, now is an uncommon yet important ecological community in the Long Island Sound watershed.	Forest / Woodland	9.00	0.00
Reeve Farm Development Rights Acquisition	Protection / Maintenance	The Reeve Farm was protected from development through acquisition of development rights. The purchase of the farm's development rights will allow the farm to continue to operate, safe from the economic pressures of selling to developers.	Agricultural Land	21.00	0.00
Saugatuck River Fish Diversion Wier	Restoration / Re-establishment	A seasonally-installed weir was designed and operated in the Saugatuck River to divert migratory fish away from a dam and toward a natural bypass channel that circumvents the dam. The dam connects a mid-stream island to the west bank of the Saugatuck River; the weir diverts fish to the eastern side of the island.	In-Stream	0.00	0.95
Selden Neck Phragmites Control	Enhancement	Phragmites australis, an invasive species, was sprayed with herbicide and mulched. The control of this invasive exotic plant will help restore a more typical assemblage of wetland vegetation in the marsh.	Tidal Wetland	20.00	0.00
South Cove/Beamon Creek Tidal Marsh Enhancements	Enhancement	Phragmites australis, an invasive exotic species, was sprayed with herbicide and mulched. Control of this invasive plant will help restore a more typical assemblage of wetland vegetation in the marsh.	Tidal Wetland	32.00	0.00
Starlight Park	Restoration / Re-establishment	Starlight Park is the site of a former manufactured gas plant; efforts have been underway to increase the recreational appeal of the park. Debris, invasive species and fill were removed from the shoreline. After regrading, coconut fiber mats, preplanted with Spartina alterniflora, were staked along rip-rap.	Tidal Wetland	0.00	0.00
Tunnel Dam Fish Lift (Quinebaug River)	Restoration / Re-establishment	A fish lift was designed and constructed on a large dam used for generating hydro-electric power. The fish lift will allow the passage of migratory fish to upstream reaches of the river.	In-Stream	0.00	15.37
Tuttles Point Marsh Restoration, Phase 2	Enhancement	This is the second phase of a restoration at Tuttle's Point. The first phase involved cleaning beach sand that had filled in the tidal creek connecting this system to Long Island Sound and cleaning a pair of culverts that allow tidal water to pass under a road. The marsh upstream of the road was cleared of Phragmites, after which ponds and creeks were created to enhance tidal flow within the system.	Tidal Wetland	0.00	0.00
Wood Dam	Enhancement	An existing fishway on Wood Dam on the Saugatuck River was modified to	In-Stream	0.00	0.00

Fishway Modification (Saugatuck River)		better suit passage of migratory fish. Enhancements at this site were the installation of fishway sidewalls and two diversion screens to direct fish toward the fishway entrance (i.e., season installation of a boom to divert fish toward the existing fishway).			
Woodhull-Darby Easement	Protection / Maintenance	This 2-acre wooded property will be protected from future development. The property is across from a 79-acre wetland preserve owned by The Nature Conservancy. Together the properties will help preserve regional biodiversity.	Forest / Woodland	2.00	0.00
Total				196.74	21.84