

Peconic Estuary Program Completed Habitat Restoration Project Inventory- Updated November 2009

<i>Habitat Type</i>	<i>Site</i>	<i>Action</i>	<i>Maintenance</i>	<i>Size (acres)</i>	<i>Cost/ Funding</i>	<i>Year Initiated</i>	<i>Status (end date)</i>	<i>Contact Person</i>
<i>Beach/ Dunes</i>	Gerard Drive, East Hampton	Bare-root beach grass planting into sand adjacent to existing growth on upper beach. Transplants dug from local stock. Success based on plant establishment. Establishment successful	String fence through first summer	0.25	<\$500 Town	Spring 1996	Ongoing	Larry Penny, East Hampton Town Natural Resources Dept. (EHTNRD) (631) 324-0496 Accabonac Harbor Protection Committee Tim Sullivan (631) 324-3627
<i>Beach/ Dunes</i>	Louse Point, East Hampton	Bare-root beach grass planting into sand adjacent to existing growth on upper beach. Transplants dug from local stock. Success based on plant establishment. Establishment successful.	String fence through first summer	0.25	<\$500 Town	1996	Ongoing	Larry Penny, EHTNRD (631) 324-0496
<i>Beach/ Dunes</i>	Gin Beach, East Hampton	Bare-root beach grass planting into sand adjacent to existing growth on upper beach. Transplants dug from local stock. Success based on plant establishment. Establishment successful.	String fence through first summer	0.10	<\$500 Town	1997	Complete	Larry Penny, EHTNRD (631) 324-0496
<i>Beach/ Dunes</i>	New Suffolk, Southold	Bare-root beach grass planting into sand adjacent to existing growth on upper beach. Transplants from nursery stock. Success based on plant establishment. Establishment mostly successful.	String fence through first summer	0.10	<\$500 PEP	1997	Complete	Chris Pickerell, Cornell Cooperative Extension, Marine Program (CCE) (631) 852-8660
<i>Beach/ Dunes</i>	Mattituck Park District, Southold	Bare-root beach grass planting into sand adjacent to existing growth on upper beach. Transplants from nursery stock. Success based on plant establishment. Establishment only partially successful.	None	0.10	<\$500 PEP	Spring 1997	Complete	Chris Pickerell, CCE (631) 852-8660
<i>Beach/ Dunes</i>	Robins Island Landing, Southold	Bare-root beach grass planting into newly deposited sand on upper beach in and around large stone. Transplants from nursery stock. Success based on plant establishment. Establishment mostly successful.	Permanent snow fence	0.50	? Private	1997	Complete	Peter Trexler, Belvedere Property Management (BPM) (631) 734-5134
<i>Beach/ Dunes</i>	Second Causeway, Shelter Island	Bare-root beach grass planting into newly deposited sand (over large rocks) on upper beach. Transplants from nursery stock. Success based on plant establishment. Establishment successful.	String fence through first summer	1.0	\$	1999	Complete	Town of Shelter Island
<i>Beach/ Dunes</i>	Sammi's Beach, East Hampton 41.0310, -72.1922	This barrier beach peninsula, previously a dredge material site, was graded down and replanted with beach grasses. Road was removed and replanted. Generally successful as least terns and piping plovers returned.		?	\$300,000 (State, Town, County)	1999	2003 (planting complete)	Larry Penny, EHTNRD (631) 324-0496
<i>Beach/ Dunes</i>	Reel Point, Shelter Island	Eroding beach affected by vehicle use was replanted with beach grass. Snow fencing installed. Owned by Peconic Land Trust.	?	8	Private	?	Complete	Pam Greene, Peconic Land Trust (631) 283-3195

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<i>Eelgrass</i>	Three Mile Harbor*, East Hampton	Bundled bare-root shoots attached to metal staples and wooden stakes. Transplants collected from Northwest Harbor and Lake Montauk. Planted into unvegetated coarse and fine sediments. Success based on eelgrass presence the following year. Partially successful (~30%).	Regular observation, Marked with PVC tubes	0.1	<\$2,000 PEP	June 1994	Complete	Larry Penny, EHTNRD (631) 324-0496 Chris Pickerell, CCE (631) 852-8660 Emerson Hasbrouck, CCE (631) 727-3910
<i>Eelgrass</i>	Accabonac Harbor, East Hampton	Bundled bare-root shoots attached to metal staples and wooden stakes. Transplants collected from Northwest Harbor and Lake Montauk. Planted into unvegetated coarse and fine sediments. Unsuccessful	Regular observation, Marked with PVC tubes	0.1	<\$2,000 PEP	June 1994	Complete	Larry Penny, EHTNRD (631) 324-0496 Chris Pickerell, CCE (631) 852-8660 Emerson Hasbrouck, CCE (631) 727-3910
<i>Eelgrass</i>	Little Northwest Creek, East Hampton	Bundled bare-root shoots attached to metal staples and wooden stakes. Transplants collected from Northwest Harbor. Planted into unvegetated coarse and fine sediments. Unsuccessful.	Observation, Marked with PVC tubes	0.1	<\$2,000 PEP	June 1995	Complete	Larry Penny, EHTNRD (631) 324-0496 Chris Pickerell, CCE (631) 852-8660 Emerson Hasbrouck, CCE (631) 727-3910
<i>Eelgrass</i>	Napeague Harbor, East Hampton	20 cm diameter intact sods transplanted to the perimeter and open areas in the center of an existing bed along the eastern shoreline and an open sandy flat near the south end of the Harbor. All transplants from Napeague. Success based on eelgrass presence the following year. Mostly successful (~75%) (eastern shore). Unsuccessful (sandy flat).	Regular observation, Mapped with GPS, Perimeter of bed and planting sites marked with PVC tubes	0.1	<\$2,000 PEP	June and Sept. '97-'98	Complete	Larry Penny, EHTNRD (631) 324-0496 Chris Pickerell, CCE (631) 852-8660 Emerson Hasbrouck, CCE (631) 727-3910
<i>Eelgrass</i>	Three Mile Harbor, East Hampton	20 cm diameter intact sods transferred to the perimeter of an existing bed. Transplants from Napeague.	Observation of sod establishment	0.1	<\$2,000 PEP	October 1999	Complete Monitoring 2000	Larry Penny, EHTNRD (516) 324-0496 Chris Pickerell, CCE (516) 852-8660
<i>Eelgrass</i>	Northwest Creek, East Hampton	Unsuccessful.	?	0.1	?	?	Not successful	Chris Pickerell, CCE (631) 852-8660
<i>Eelgrass</i>	Noyak Creek, Southampton	Unsuccessful.	?	0.1	?	?	Not successful	Chris Pickerell, CCE (631) 852-8660
<i>Eelgrass</i>	Paynes Creek, Southampton	Unsuccessful.	?	0.1	?	?	Not successful	Chris Pickerell, CCE (631) 852-8660
<i>Eelgrass</i>	Upper Sag Harbor Cove, Southampton	Unsuccessful.	?	0.1	?	?	Not successful	Chris Pickerell, CCE (631) 852-8660
<i>Eelgrass</i>	Bullhead Bay, Southampton	Unsuccessful. Small annual population exists.	?	0.1	?	?	Not successful	Chris Pickerell, CCE (631) 852-8660
<i>Eelgrass</i>	Sage Harbor Cove, Southampton	Unsuccessful.	?	0.1	?	?	Not successful	Chris Pickerell, CCE (631) 852-8660
<i>Eelgrass</i>	Cutchogue, Southold	Unsuccessful.	?	0.1	?	?	Not successful	Chris Pickerell, CCE (631) 852-8660

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<i>Flushing/Circulation</i>	Accabonac Harbor Flushing, East Hampton 41.0364, -72.1364	A large box culvert was installed to replace an existing smaller culvert under Gerard Dive at a causeway. The disturbed area was re-planted with native vegetation. The larger culvert is believed to increased tidal circulation which has benefited the nearby tidal wetland vegetation.	Maintenance dredging of the channel is performed	50 acres	Over \$500,000	2004	Complete (2005)	Larry Penny, EHTNRD (631) 324-0496 Partners: East Hampton Dept. of Natural Resources & Dept. of Engineering

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<i>Freshwater Wetlands</i>	Robins Island, Southold	A groundwater-fed freshwater pond completely filled with Phragmites was excavated to original depth and diameter. Fill including Phragmites biomass was buried nearby in a lined pit. Following excavation, native emergent species (nursery stock) were planted throughout the shoreline. Success based on establishment of proper hydrology and shoreline vegetation and elimination of common reed. Successful.	Checked regularly for new Phragmites growth. New growth removed	1	?	Summer 1996	Complete (Fall 1996)	Peter Trexler, BPM (631) 734-5134

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<i>Grassland</i>	Orient Point County Park, Southold	Clearing or woody overgrowth in a former farm field using a bulldozer, discing with a tractor, followed by seeding with native warm season grasses. Seed from nursery stock. Success based seeding success of warm season grasses and control of forbes and woody growth. Mostly successful.	Annual mowing plus removal of forbes and new woody growth	50	\$53,700 USEPA + inkind	Spring & Summer 1998 1999 2000	Ongoing	Lisa Holst, New York State Department of Environmental Conservation (NYSDEC) (631) 444-0469
<i>Grassland</i>	Maratooka Grassland, Mattituck, Southold	Clearing of woody overgrowth with a bulldozer, land preparation including discing and seeding with switchgrass. Hand seeded. Organ grinder. Seed from nursery stock. Success based seeding success of warm season grasses and control of forbes and woody growth. Mostly successful.	first mowing Sept.(high) after July 15 Every 3yrs.	1	\$4,720 seed \$450 mowing \$25/yr Wildlife Habitat Incentive Program (WHIP)	June 1999	Ongoing 1999-2008	Allan Connell, USDA, Natural Resources Conservation Service (NRCS) (631) 727-2315
<i>Grassland</i>	Fort Hill Cemetery Grassland, East Hampton 41.0458, -71.9497	Replanting of native grassland grasses in disturbed part of historic cemetery. Re-vegetation successful.	Maintained by East Hampton Parks Dept.	?	Town	1991	Complete	Larry Penny, EHTNRD (631) 324-0496

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Phragmites	Hog Creek Phragmites, East Hampton 41.0494, -72.1652	Small patches of invasive Phragmites were cut. Native species have returned. Successful.	?	<1	?	1998	Complete	Larry Penny, EHTNRD (631) 324-0496

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Shorebird	Mill Creek Enhancement Project, Southampton	Located on Pine Neck Lane in Noyac. This relatively small project expanded shorebird breeding habitat by removing vegetation and filling ruts caused by vehicle traffic on the beach. Native beach grasses were planted. Driving on the beach is now prohibited and is considered a successful project	?	<1	?	?	Complete	Jon Semlear-President of Southampton Town Trustees (631) 287-5717
Shorebird	Hick's Island, East Hampton 41.0165, -72.0605	Material from dredging the mouth of Napeague Harbor was placed on Hick's Island. Vegetation was as cut and removed. Successful in restoring roseate tern and piping plover breeding habitat.	?	10	\$20,000 (re-veg) \$600,000 (dredge)	?	Complete	Larry Penny, EHTNRD (631) 324-0496

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Tidal Wetlands	Pussy's Pond, Springs, East Hampton	Phase 1 - Partial excavation of Phragmites-dominated soils on the shore of a brackish tidal pond. The shoreline was re-graded to intertidal elevation and planted with native transplants of Cordgrass and Salt hay grass. Phase II - Complete excavation of Phragmites-dominated soils and backfilled with clean fill. Seeded with local native seeds. Success based on establishment of native vegetation and elimination of common reed. Partially successful.	Seasonal removal of Phragmites shoots originating from buried rhizome fragments	0.50	\$5,000 Waterfowl USA	1994	Complete	Bob Miller Waterfowl USA Chris Pickerell. CCE (631) 852-8660
Tidal Wetlands	Accabonac Harbor, East Hampton	Removal of asphalt and concrete debris from an intertidal shoreline. Success based on establishment of native vegetation- TBA.	None	0.10	<\$500 Town	1997	Complete	Larry Penny, EHTNRD (631) 324-0496
Tidal Wetlands	Accabonac Harbor OMWM*, East Hampton	Open marsh water management (OMWM) for restoration of natural hydrology and Coliform bacteria reduction. Selected mosquito ditches were plugged using plywood and sandbags. Ditch selection based size and Coliform levels in repeated water samples. Success based dam stability, reduction in Coliform loading to the Harbor and conditional opening of the area to shellfishing. Successful.	Replace sandbags where necessary	50	Accabonac Harbor Protection Committee, East Hampton Trustees, USFWS	1994	Ongoing	Larry Penny, EHTNRD (631) 324-0496 Emerson Hasbrouck, CCE (631) 727-3910

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<i>Tidal Wetlands</i>	Northwest Creek OMWM, East Hampton	OMWM for restoration of natural hydrology and Coliform bacteria reduction. Selected mosquito ditches were plugged using combination of plywood and sandbags. Ditch selection based size and Coliform levels in repeated water samples. Success based dam stability, reduction in Coliform loading to the Harbor and conditional opening of the area to shellfishing. Partially successful.	Replace sandbags where necessary	50	EH Trustees, USFWS	1994	Ongoing	Larry Penny, EHTNRD (631) 324-0496 Emerson Hasbrouck, CCE (631) 727-3910
<i>Tidal Wetlands</i>	Three Mile Harbor Drive, East Hampton	Planting bare-root cordgrass into a highly disturbed roadway cut into the marsh. Transplants gleaned from local stock in Three Mile Harbor. Success based on plant establishment. Very successful.	Permanently fenced to vehicular traffic	0.25	<\$500	April 1996	Complete	Larry Penny, EHTNRD (631) 324-0496
<i>Tidal Wetlands</i>	Gerard Point, East Hampton	Planting nursery propagated cordgrass into open areas in and adjacent to the existing marsh. Success based on plant establishment. Successful.	Fenced	0.25	\$750 East End Institute	July 1999	Complete	Larry Penny, EHTNRD (631) 324-0496 Chris Pickerell, CCE (631) 852-8660
<i>Tidal Wetlands</i>	Cassidy Preserve, Hashamomuck Pond, Southold	Excavation and re-grading of hydraulic dredge spoil, creation of intertidal pools and replacement of common reed with smooth cordgrass. Success based on proper elevations, maintenance of water in pools and elimination of common reed. Successful.	Following creation of an "as-built" plan, portions of the site were re-graded to inhibit common reed re-colonization	5 of 23	~\$30,000 USEPA	June 1999	Phase I Complete Additional work (Phase II) planned for the future.	Chris Pickerell, CCE (631) 852-8660 John Halsey, President Peconic Land Trust (631) 283-3195
<i>Tidal Wetlands</i>	Downs Creek, Cutchogue	Removal of concrete and other debris within an intertidal marsh to allow for natural re-vegetation and prevent future dumping. Success based on natural re-vegetation of the site by cordgrass. Successful.	Signage	0.10	Private	1996	Complete	Russ McCall
<i>Tidal Wetlands</i>	Long Beach Bay, Orient Southold	Culvert replacement and enlargement to increase salinity behind a dike at multiple points. OMWM for water quality improvement. Reductions in storm water inputs to surface waters. Success based on increased salinity behind dike and reduction in Coliform bacteria counts in adjacent open waters- TBD.	Salinity and tidal elevation monitoring. Repair of leaky dams	200+	\$253,000 USFWS	1999	Ongoing	Chris Pickerell, CCE (631) 852-8660 Emerson Hasbrouck, CCE (631) 727-3910

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Tidal Wetlands	Fish Cover Bridge, North Sea Harbor, Southampton	Planting of cordgrass to mitigate new bridge construction. Plantings included nursery propagated peat pots. Success based on establishment of cordgrass. Successful.	?	0.10	?	1995	Complete	Gary Gentile, New York State Department of Transportation. (631) 952-6219
Tidal Wetlands	Otter Pond, Sag Harbor	Planting of native marsh grasses to prevent erosion and improve aesthetics. Propagules included nursery stock. Success based on establishment of grasses. Partially successful.	?	0.10	Private	1997	Complete	Village of Sag Harbor
Tidal Wetlands	Broad Cove, Aquabogue, Riverhead	Restoration of intertidal marsh through cordgrass plantings, restoration of a tidal creek and opening of manmade tidal salt ponds to tidal flow. Success based on establishment of grasses, stability of new creek and increased flushing of tidal ponds. Sandbar plantings mostly unsuccessful, creek restoration successful, flushing successful	Minimal fencing, regular photographs	5.0	Private	1994	Complete	Chris Pickerell, CCE (631) 852-8660
Tidal Wetlands	Chase Creek, Shelter Island	Planting of cordgrass to mitigate bridge improvements. Plants included nursery propagated peat pots. Success based on establishment of cordgrass. Successful.	?	0.10	?	1996	Complete	Gary Gentile, New York State Department of Transportation. (631) 952-6219
Tidal Wetlands	Sag Harbor Cove/Paynes Creek, Southampton	Located on Long Beach Road in Noyac. A dike was breached at this historic dredged material disposal site to re-introduce tidal flow. Dredged materials were removed off-site and plantings of native wetland vegetation completed. Project is considered a success as a native wetland was re-established and is now actively utilized by shore birds.	?	>5	?	?	Complete	Marty Shea, Southampton Town (631) 287-5710 Partners: Southampton Town Board, Southampton Town Trustees
Tidal Wetlands	Upper Sag Harbor Cove Wetlands, Southampton	An area of this wetland which was damaged by vehicles was re-vegetated with <i>Spartina</i> . Re-vegetation was successful.	?	<1	?	?	Complete	Jon Semlear, President Southampton Town Trustees (631) 287-5717
Tidal Wetlands	Paynes Creek Enhancement Project, Southampton	Re-vegetation occurred naturally and human induced efforts were not necessary.	?	?	No Cost	?	Complete (Naturally)	Marty Shea, Southampton Town (631) 287-5710
Tidal Wetlands	North Sea Wetlands, Southampton	An impervious paved walk at the Conscience Point Complex was removed and replaced with crushed shell. Native plants were planted and vehicle access restricted. Signage was installed.	?	<5	?	?	Complete	Marty Shea, Southampton Town (631) 287-5710 Partners: Southampton Historical Society, Southampton Town Board, Southampton Town Trustees
Tidal Wetlands	Fish Cove Wetland Enhancement, Southampton	Several years of washed up marine debris has accumulated on the marsh. The Southampton Barmen's Association and other volunteers removed an enormous amount of flotsam which was transported by boat to Southampton Town Highway vehicles and trucked to the recycling center. Successful.	Future maintenance /debris removal may be required (every 3 years)	?	Volunteer time	?	Complete	Jon Semlear, President Southampton Town Trustees (631) 287-5717 Partners: Southampton Town Board, Southampton Town Trustees

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<i>Tidal Wetlands</i>	North Sea/Alewife Creek Wetlands, Southampton	Abutting landowner was required by Southampton Town to undertake restoration and re-planting efforts.	?	?	?	?	Complete	Marty Shea, Southampton Town (631) 287-5710
<i>Tidal Wetlands</i>	Three Mile Harbor Wetlands, East Hampton 41.0299, -72.2043	Disturbed/trampled areas were re-planted with native salt marsh vegetation. Success based on establishment of vegetation. Successful.	?	<2	\$150,000	1997	Complete	Larry Penny, EHTNRD (631) 324-0496

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<i>Water Quality</i>	Oyster Pond Water Quality, East Hampton 41.0719, -71.8919	Leaking oil tank was replaced and sewage pump station installed. Both were successful in removing source of contamination	?	?	\$100,000 +	1990	1991	Larry Penny, EHTNRD (631) 324-0496