

Year 2003 Projects

Project Name	Activity	Project Description	Habitat Type	Acreage	Linear Miles
Bar Beach Lagoon Restoration	Re-Establishment	Restoration of salt marsh edge at Bar Beach Town Park in North Hempstead - NY	Wetland	0.34	
Gardens Lake Restoration	Rehabilitation	Phase 1 included installation of sediment basin and traps in and around lake inlet	Other	5.00	
Great Meadow - Essex	Rehabilitation	Restoration of habitat through the control of the invasive species Phragmites australis using the herbicide Rodeo and subsequent removal with a mulching mower.	Wetland	30.00	
Hockanum River (Cellu Tissue Impoundment) - East Hartford	Rehabilitation	On going annual harvest of water chestnut (Trapa natans) in order to eradicate this highly invasive plant. This restoration began in 2000 using mechanical and hand harvesting to remove 7 acres of Trapa. This was repeated in 2001 and 2002. In 2002 no mechanical harvester was required and hand pulling was completed in 1 day. However in 2003 - perhaps due to favorable climatic conditions (or seed dormancy) - there was an explosion of water chestnut in this impoundment. Hand removal was performed over the course of several days.	Wetland	1.70	
Hockanum River - East Hartford (near Main St)	Rehabilitation	In previous years there were scattered water chestnut (Trapa natans) but this year - perhaps due to favorable climatic conditions - there was an explosion of Trapa on the Hockanum River - including at the main source - the impoundment above the Cellu Tissue Dam upstream of this site.	Wetland	4.00	
Hutchinson River Freshwater Wetland Restoration and Stormwater Management Project	Rehabilitation	Restoration of part of a state-designated freshwater wetland and installation of stormwater management structure to attenuate stormwater flows into the wetland	Wetland	1.00	
Lower Guilford Lake Dam (East River - Guilford)	Rehabilitation	Construct a hybrid rocky-ramp fishway over the dam - with 2 separate sections of aluminum steppass to reestablish a riverine migratory corridor for alewife - blueback herring - sea-run brown trout and sea lamprey.	Instream		0.75
Milton Harbor Salt Marsh Restoration and Invasive Species Control	Rehabilitation	Restoration of part of a tidal wetland buffer and wetland and installation of channel to prevent the spread of common reeds into largest salt marsh in Westchester	Wetland	2.00	
Morris Creek - East Haven	Re-Establishment	Removal of fill to an elevation compatible with adjacent salt marsh vegetation. No planting was required as experience has demonstrated that salt marsh plants will reestablish spontaneously via seeds and rhizomes - often within 3 to 5 years. [Note - an unauthorized culvert was installed last year but since it had not the time to cause overall degradation of the non-filled wetland area - no additional restoration acreage is reported here. [Note - the cost below was borne by the violator.]	Wetland	0.37	
Ocean Beach - New London	Rehabilitation	Ocean Beach purchased beach grass to plant in a small section of park but was actually sold the plant dunegrass (Leymus arenarius) which is a non-native highly invasive species. In the fall - the plants were dug or hand pulled. In the spring of 2003 - the number of plants had more than tripled from rhizome fragments. The control switched to the use of Roundup - which is apparently very effective on this grass. Anticipate the need for minor adaptive management next year in order to eradicate any surviving plants.	Beaches and Dunes	0.50	
Sheldrake River Streambank Stabilization and Riparian Buffer Restoration	Rehabilitation	Regrading and stabilization of streambanks using largely bioengineering methods with minor stone armoring and installation of vegetated stream buffer	Riparian	0.25	
Total				45.16	0.75