

**APPENDIX B – Governor Alfred E. Smith/Sunken
Meadow State Park – Chronology**

SUNKEN MEADOW STATE PARK - PARK CHRONOLOGY

FROM NYS CONSERVATION DEPARTMENT ANNUAL REPORTS

Kathleen LaFrank

1926: the Long Island State Parks Commission (LISPC) purchased the initial 200 acres of land for the creation of Sunken Meadow State Park.

1927: the park is one of the most popular spot for salt water bathing on Long Island. The park has a bathhouse with a locker capacity of 400. Due to the heavy visitation, LISPC notes that additional facilities should be provided to handle increased crowds.

1928: reports that park commission purchased 2,000 ft beach frontage on Long Island Sound (LIS). The Town of Smithtown voted to turn over the town beach to the park adding 400' of frontage on LIS. Many new roads and paths have been built; a new shelter and comfort stations have been erected on the uplands and water mains have been laid in the upland area; commission plans in 1929 to construct a new bathhouse w/necessary sanitary facilities at the beach, more parking on the flats adjacent to the beach. The large number of campers is a serious problem; LISPC purchased 40 acres of high land adjoining the park to expand the camping area.

1929: reports that facilities were crowded to utmost and that the temporary facilities were inadequate. The installation of hydraulic fill necessary to construct a new 16 acre parking field was completed. A new causeway bridge across Sunken Meadow Creek is under construction. There are plans to surface the new parking for use in 1930.

1930: over 40 acres, including 500' of additional shorefront are acquired. The causeway connecting mainland to the beach was completed and opened late in summer. Over 37,000 bathers used the parks temporary facilities, resulting in compromised conditions. An adequate bathhouse is necessary. Total visitation is approximately 160,000. The new parking is partially complete and holds 1200 cars. The acreage of the park is 248.

1931: usage jumped to 290,000 due to the new causeway. LISPC started construction of a new modern bathhouse and additional parking spaces are constructed throughout picnic areas. The park size is increased to 500 acreage.

1932: a portion of new bathhouse is complete. The men's wing was divided to accommodate men and women. Somewhat more adequate facilities are provided upon opening, nevertheless, the facilities are still inadequate. The parking field complete in 1930 is already overtaxed. Land has been acquired for a necessary extension to the lot. Extreme congestion exists on the undersized boardwalks making a new one vitally necessary. Improvements in 1932 include the completion of a modern water supply system, extension of trails, picnic areas, and picnic parking. The yearly visitation increased to 335,000.

1933: next to Jones Beach, Sunken Meadow is the most popular with bathers and picnickers. All state park improvements cease due to the Depression and lack of funding.

1934: improvements to bathing beach have been completed.

1935: improvement made in 1934 in bathing area was reflected in an increase in patronage. The parking field and approach to bathhouse see landscape improvements. The acreage for the park increases to 357.

1936: increase in patronage of 35,000 over 1935.

1937: increase in attendance of 10,000 over 1936 and a newly completed refreshment stand filled a vital need at the beach.

1938: attendance dropped slightly due to a rainy summer.

1939: another drop in attendance

1940: the Orchard Hill picnic shelters are constructed. Attendance drops at park, acreage is now reported at 519.

1941: attendance increases and the parking spaces are inadequate for the increased volume.

1942: gasoline rationing, tire shortage and other war-time restrictions on automobile travel are in place throughout the United States. The park attendance dropped from 320,000 to 120,000 patrons.

1943: discusses decline in attendance at eastern Long Island parks. Many parks are used by the military for recreation. The LISPC begins to think about postwar planning projects.

1944-45: no work in park this year due to war. Post-war planning begun for park including a 6-acre extension of the parking field by filling in an additional meadowland near the bathhouse; construction of new boardwalk to replace the present one and construction of new walkways, fencing and water mains. Many of the first post war projects were deferred park maintenance projects from wartime.

1946: park attendance doubles from the 1945 but rain during August hampered visitation. There is difficulty starting construction programs because of the unsettled conditions, high costs, shortages of materials and restrictions imposed to facilitate housing but the park began to make small repairs and rehab after "years of neglect".

1947: attendance for region is greater than any other year; construction seemed to prioritize the parkways; Sunken Meadow received a new parking area and a new

playground. The repair and rehabilitation of the facility continues. Plans for a new boardwalk are developed.

1948: capacity crowds overtaxed all facilities in the park. A new, wider boardwalk is constructed, the sand beach was widened and a fire tower is constructed by the Conservation Department. The acreage remains the same.

1951: park attendance increased from 1950 by 100,000. The regional park attendance exceeds all other years.

1953: Long Island parkway construction remains the focus of construction and acquisition efforts.

1954 - 1956: little work is done at the park due to parkway construction.

1957: a five mile section of Sunken Meadow Parkway opens together with “new and enlarged facilities at the park” open to public on June 21st. The park may now be reached from all parkway routes from New York City. New facilities include the boardwalk, a new cafeteria building, a 1200 car parking field near cafeteria and an overlook. To expand the existing parking fields and widen beach, Sunken Meadow Creek was moved. Attendance increased to a new record of 900,000 due to the new and expanded facilities.

1958: continued work on expansion of the park including the completion of a permanent toll booth and service area entrance at park entrance; the completion of an 800’ extension to the boardwalk to west of the central mall; the completion of west refreshment stand, comfort station and adjacent plaza; the continued progress on landscaping, seeding and developing game fields and picnic area.

1959: completion of new facilities along the water front at the west section of the beach including a new refreshment stand, an extension of the boardwalk, expansion of parking, and other improvements.

1960: completion of a new picnic area including enlargement of parking field, construction of a refreshment stand and comfort station, utilities and landscaping. The plans are complete for a golf course and clubhouse at the west end of the park. The fire tower is removed from the park.

1961: construction of two 9-hole golf course begins.

1962: continue construction of the two golf courses and clubhouse.

1963: completion of two 9-hole golf courses and clubhouse

1964: Expansion of park facilities stops while attendance continues to grow.

1970's – 1990's: Very little expansion or acquisition took place during this period. Attendance remained high between one and two million people per year.

**Appendix C – Plants of Governor Alfred E. Smith/Sunken
Meadow State Park**

Plant List	Common Name
<i>Acer platanoides</i>	Norway Maple
<i>Acer rubrum</i>	Red Maple
<i>Ailanthus altissima</i>	Tree of Heaven
<i>Alliaria petiolata</i>	Garlic Mustard
<i>Alnus serrulata</i>	Brookside Alder
<i>Amelanchier arborea</i>	Downy Serviceberry
<i>Artemisia vulgaris</i>	Mugwort
<i>Aster tenuifolius</i>	Salt Marsh aster
<i>Atriplex arenaria</i>	Seabeach Orach
<i>Atriplex hastata</i>	Triangle orache
<i>Baccharis halimifolia</i>	Groundsel Tree
<i>Betula populifolia</i>	Gray Birch
<i>Bidens</i>	
<i>Celastrus orbiculatus</i>	Oriental Bittersweet
<i>Convolvulus sepium</i>	Bindweed
<i>Crataegus crusgalli</i>	Thornless Cockspur Hawthorn
<i>Cyperus rotundus</i> (?)	Nut-grass
<i>Distichlis spicata</i>	spike grass
<i>Elaeagnus commutata</i>	Silverberry
<i>Eleocharis parvula</i>	Dwarf Spikerush
<i>Galium aparine</i>	Goosegrass
<i>Hibiscus moscheutos</i>	Marsh Mallow
<i>Impatiens</i>	Jewelweed
<i>Iva frutescens</i>	Marsh Elder
<i>Juglans nigra</i>	Black Walnut
<i>Juncus effusus</i>	Soft Rush
<i>Juniperus virginiana</i>	Eastern Red Cedar
<i>Lepidium virginicum</i>	Wild Peppergrass
<i>Limonium carolinianum</i>	Sea lavender
<i>Lonicera japonica</i>	Japanese Honeysuckle
<i>Lonicera morrowi</i>	Morrow's Honeysuckle
<i>Lychnis alba</i>	Bladder Campion
<i>Malus sp.</i>	Crabapple - unknown sp.
<i>Myrica pensylvanica</i>	Bayberry
<i>Nyssa sylvatica</i>	Blackgum
<i>Onoclea sensibilis</i>	Sensitive Fern
<i>Osmunda cinnamomea</i>	Cinnamon Fern
<i>Parthenocissus quinquefolia</i>	Virginia Creeper
<i>Phragmites australis</i>	Phragmites
<i>Phytolacca americana</i>	Common Pokeweed
<i>Pluchea purpurascens</i>	Saltmarsh Fleabane
<i>Prunus maritima</i>	Beach Plum
<i>Prunus serotina</i>	Black Cherry
<i>Pyrus calleryana</i>	Bradford Pear
<i>Pyrus malus</i>	apple
<i>Quercus palustris</i>	Pin Oak

<i>Quercus stellata</i>	Post Oak
<i>Quercus velutina</i>	Black Oak
<i>Rhus copallinum</i>	Winged sumac
<i>Rhus glabra</i>	Smooth Sumac
<i>Rosa multiflora</i>	Multiflora Rose
<i>Rosa palustris</i>	Swamp Rose
<i>Rubus allegheniensis</i>	Allegheny Blackberry
<i>Rumex crispus</i>	Curly Dock
<i>Rumex verticillatus</i>	Swamp Dock
<i>Salicornia europaea</i>	Glasswort
<i>Salix babylonica</i>	Weeping Willow
<i>Salix discolor</i>	Pussy Willow
<i>Sambucus canadensis</i>	Black Elderberry
<i>Sassafras albidum</i>	Sassafras
<i>Scirpus robustus</i>	
<i>Smilax rotundifolia</i>	Greenbrier
<i>Solanum dulcamara</i>	Deadly Nightshade
<i>Solidago sempervirens</i>	Seaside Goldenrod
<i>Spartina alterniflora</i>	Smooth Cordgrass
<i>Spartina patens</i>	Saltmeadow Cordgrass
<i>Spargularia maritima</i>	Sandspur
<i>Suaeda maritima</i>	Lesser Sea-blite
<i>Symplocarpus foetidus</i>	Skunk Cabbage
<i>Thelypteris palustris</i>	Marsh Fern
<i>Toxicodendron radicans</i>	Poison Ivy
<i>Viburnum recognitum</i>	Southern Arrowwood
<i>Vitis labrusca</i>	Grape

**Appendix D – Birds of Governor Alfred E. Smith/Sunken
Meadow State Park**

**SUNKEN MEADOW STATE PARK
BIRD CHECKLIST UPDATE**

September 2008

Updated August 18, 2010

Sunken Meadow State Park, located on the north shore of Long Island, provides opportunity for a variety of recreational activities. This environmentally diverse park of more than 1,200 acres is approximately 43 miles east of Manhattan. Sunken Meadow includes 3 miles of beach front with bluffs on Long Island Sound, wetlands, brackish water creek and heavily wooded rolling terrain.

The northern terminus of the Nissequogue River flows into the Sound at the Park's east end. With large sections of the Park undeveloped, this uniquely diverse Park provides setting and habitats for a wide range of bird life. Many excellent locations exist for finding the many varieties of birds that nest, live or pass through Sunken Meadow.

SEASONS

Sp	Spring	March 1- May 31
Su	Summer	June 1- August 31
Fa	Fall	September 1- November 30
Win	Winter	December 1-February 28

STATUS

A	Abundant	Hard to miss in proper habitat
C	Common	Very likely to be seen in proper habitat
U	Uncommon	Present but not likely to be seen
O	Occasional	Unlikely to be seen; seen only 1-3 times per season
R	Rare	Seen at intervals of 2-5 years
*	Breeding	Breeding confirmed within the park boundaries
#	Species designated by the NYS Dept. of Environmental Conservation as endangered, threatened, or of special concern	

GEESE, SWANS AND DUCKS	Sp	Su	Fa	Win
___ Snow Goose	O		O	O
___ Brant	C	O	C	C
___ Canada Goose*	A	A	A	A
___ Mute Swan*	C	C	C	C
___ Wood Duck*	O	O	O	O
___ Gadwall*	C	O	C	C

	Sp	Su	Fa	Win
___ American Wigeon	O		O	O
___ American Black Duck*	C	O	C	A
___ Mallard*	A	A	A	A
___ Blue-winged Teal	O		R	
___ Northern Shoveler	C		O	U
___ Northern Pintail	R		R	
___ Green-winged Teal	C	O	U	U
___ Canvasback	O		O	O
___ Ring-necked Duck	C	O	U	C
___ Greater Scaup	C		U	C
___ Lesser Scaup	C		U	C
___ Surf Scoter	O		U	U
___ White-winged Scoter	C		C	C
___ Black Scoter			U	U
___ Long-tailed Duck	C		C	C
___ Bufflehead	C		U	C
___ Common Goldeneye	C		C	C
___ Hooded Merganser	C		C	C
___ Common Merganser	C		C	C
___ Red-breasted Merganser	C		C	C
___ Ruddy Duck	U		U	U

NEW WORLD QUAIL

___ Northern Bobwhite*	O	O	O	O
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PARTRIDGES, GROUSE, AND TURKEYS

___ Ring-necked Pheasant	O	O	O	O
___ Wild Turkey	U	U	U	U

LOONS

___ Red-throated Loon	C		C	C
___ Common Loon #	C		C	C

GREBES

___ Pied-billed Grebe#	C		C	O
___ Horned Grebe	C		C	O
___ Red-necked Grebe			R	

CORMORANTS

___ Double-crested Cormorant*	C	C	C	U
___ Great Cormorant				R

	Sp	Su	Fa	Win
BITTERNS, HERONS, AND ALLIES				
__ American Bittern#	R			
__ Least Bittern #		R		
__ Great Blue Heron	U	O	C	C
__ Great Egret*	C	C	C	U
__ Snowy Egret*	C	C	C	R
__ Little Blue Heron	O	R		
__ Green Heron*	O	C	C	
__ Black-crowned Night-Heron*	C	C	C	R
__ Yellow-crowned Night-Heron*	U	U	R	
IBISES AND SPOONBILLS				
__ Glossy Ibis	O	O		
NEW WORLD VULTURES				
__ Turkey Vulture	O		O	O
OPSPREY				
__ Osprey* #	C	C	C	
KITES, EAGLES, HAWKS AND ALLIES				
__ Bald Eagle#			R	R
__ Northern Harrier #	U	U	U	U
__ Sharp-shinned Hawk#	O	O	U	U
__ Cooper's Hawk #			O	O
__ Northern Goshawk#				R
__ Broad-winged Hawk	R	R		
__ Red-tailed Hawk*	C	C	C	C
FALCONS				
__ American Kestrel*	U		U	U
__ Merlin			U	U
__ Peregrine Falcon#	R	R	R	R
RAILS, GALLINULES AND COOTS				
__ Clapper Rail		U	R	R
__ Virginia Rail				R
__ American Coot	C		C	C
LAPWINGS AND PLOVERS				
__ Black-bellied Plover	U	U	U	U
__ Semipalmated Plover	C	C		
__ Piping Plover* #	C	C		
__ Killdeer*	C	C	C	O
	Sp	Su	Fa	Win

OYSTERCATCHERS

__ American Oystercatcher	U	U	U	
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**SANDPIPERS, PHALAROPES
AND ALLIES**

__ Spotted Sandpiper	U	C		
__ Solitary Sandpiper	R			
__ Greater Yellowlegs*	C	C	C	R
__ Lesser Yellowlegs		U	U	
__ Ruddy Turnstone		R		
__ Red Knot	O		O	
__ Sanderling	C	O	O	C
__ Semipalmated Sandpiper	U	O	U	
__ Least Sandpiper	U	U	O	
__ White-rumped Sandpiper	R	R		
__ Baird's Sandpiper			R	
__ Pectoral Sandpiper	U		U	
__ Dunlin	C		C	U
__ Short-billed Dowitcher		O		
__ Wilson's Snipe	O	O	O	R

GULLS, TERNS, AND SKIMMERS

__ Bonaparte's Gull		R	R	R
__ Laughing Gull	O	C	C	
__ Ring-billed Gull	A	A	A	A
__ Herring Gull	A	A	A	A
__ Iceland Gull				R
__ Glaucous Gull	R			
__ Great Black-backed Gull	A	A	A	A
__ Least Tern *#	C	A	U	
__ Caspian Tern			R	
__ Black Tern #			R	
__ Roseate Tern #			R	
__ Common Tern #	C	A	U	
__ Forster's Tern				R
__ Black Skimmer#		U		

PIGEONS AND DOVES

__ Rock Pigeon*	A	A	A	A
__ Mourning Dove*	C	C	C	C

CUCKOOS

__ Yellow-billed Cuckoo*	R	R		
__ Black-billed Cuckoo*	R	R		

	Sp	Su	Fa	Win
TRUE OWLS				
__ Eastern Screech-Owl*	U	U	U	U
__ Great Horned Owl*	U	U	U	U
__ Short-eared Owl #			R	R
GOATSUCKERS				
__ Common Nighthawk #		U	U	
SWIFTS				
__ Chimney Swift	U	U	U	
HUMMINGBIRDS				
__ Ruby-throated Hummingbird	U	U		
KINGFISHERS				
__ Belted Kingfisher*	C	C	C	C
WOODPECKERS AND ALLIES				
__ Red-headed Woodpecker#				R
__ Red-bellied Woodpecker*	C	C	C	C
__ Yellow-bellied Sapsucker	U	U	U	U
__ Downy Woodpecker*	C	C	C	C
__ Hairy Woodpecker*	U	U	U	U
__ Northern Flicker*	C	C	U	O
TYRANT FLYCATCHERS				
__ Eastern Wood-Pewee*	U	U	U	
__ Yellow-bellied Flycatcher		R	U	
__ Alder Flycatcher			O	
__ Willow Flycatcher	U	U	C	
__ Least Flycatcher			U	
__ Eastern Phoebe*	C	O	A	
__ Great Crested Flycatcher*	U	U	U	
__ Western Kingbird			O	
__ Eastern Kingbird*	C	C	C	
SHRIKES				
__ Northern Shrike		O	O	
VIREOS				
__ White-eyed Vireo		O		
__ Yellow-throated Vireo	O		O	
__ Blue-headed Vireo	U		O	
__ Red-eyed Vireo*	C	U	U	

	Sp	Su	Fa	Win
JAYS, MAGPIES, AND CROWS				
__ Blue Jay*	C	C	C	C
__ American Crow*	A	C	A	A
__ Fish Crow*	C	C	C	C
LARKS				
__ Horned Lark#		O	O	
MARTINS AND SWALLOWS				
__ Tree Swallow*	C	C	C	O
__ N. Rough-winged Swallow*	C	C	U	
__ Bank Swallow*	C	C	U	
__ Barn Swallow*	A	A	A	
CHICKADEES AND TITMICE				
__ Black-capped Chickadee*	C	C	C	C
__ Tufted Titmouse*	C	C	C	C
NUTHATCHES				
__ Red-breasted Nuthatch			U	U
__ White-breasted Nuthatch*	C	C	C	C
CREEPERS				
__ Brown Creeper	U		U	U
WRENS				
__ Carolina Wren*	C	U	C	U
__ House Wren*	C	C	U	
__ Winter Wren			O	
__ Marsh Wren		O		
KINGLETS				
__ Golden-crowned Kinglet	U		U	U
__ Ruby-crowned Kinglet	U		U	U
GNATCATCHERS				
__ Blue-gray Gnatcatcher*		O	O	
STARLINGS				
__ European Starling*	A	A	A	A
WAXWINGS				
__ Cedar Waxwing*	U	U	C	C

	Sp	Su	Fa	Win
WHEATEARS, BLUEBIRDS, AND THRUSHES				
___ Eastern Bluebird*	O	O	O	
___ Veery	O		O	
___ Gray-cheeked Thrush	R		R	
___ Swainson's Thrush	R		R	
___ Hermit Thrush			U	R
___ Wood Thrush*	U	U	O	
___ American Robin*	A	A	A	U

MOCKINGBIRDS, THRASHERS AND ALLIES				
___ Gray Catbird*	A	A	A	U
___ Northern Mockingbird*	A	A	A	A
___ Brown Thrasher*	C	C	C	U

WOOD WARBLERS				
___ Blue-winged Warbler*	C	C	U	
___ Tennessee Warbler	U		U	
___ Orange-crowned Warbler			R	
___ Nashville Warbler	R		R	
___ Northern Parula	C		U	
___ Yellow Warbler*	C	C	U	
___ Chestnut-sided Warbler*		U	U	
___ Magnolia Warbler	C		U	
___ Cape May Warbler	U		U	
___ Black-throated Blue Warbler	C		U	
___ Yellow-rumped Warbler*	C	U	C	C
___ Black-throated Green Warbler	U		U	
___ Blackburnian Warbler	O		O	
___ Pine Warbler	U		O	R
___ Prairie Warbler*	O		O	
___ Palm Warbler	C		C	R
___ Bay-breasted Warbler	O		O	
___ Blackpoll Warbler	O		U	
___ Black-and-white Warbler*	C	O	U	
___ American Redstart*	U	U	U	
___ Worm-eating Warbler	U		R	
___ Ovenbird	O	O	O	
___ Northern Waterthrush	O			
___ Louisiana Waterthrush		O		
___ Common Yellowthroat*	C	C	C	
___ Wilson's Warbler	U		U	
___ Canada Warbler	U		U	
___ Yellow-breasted Chat		R		
	Sp	Su	Fa	Win

NEW WORLD SPARROWS AND ALLIES

__ Eastern Towhee*	O	O	O	R
__ American Tree Sparrow	O	R	O	R
__ Chipping Sparrow*	C	U	C	U
__ Field Sparrow	O	O	O	O
__ Savannah Sparrow*	U	O	U	
__ Sharp-tailed Sparrow species		R		
__ Fox Sparrow			U	U
__ Song Sparrow*	A	A	A	A
__ Swamp Sparrow	O		O	
__ White-throated Sparrow	C		C	C
__ White-crowned Sparrow	U		U	R
__ Dark-eyed Junco	C		C	C
__ Snow Bunting			O	O

TANAGAERS, CARDINALS, AND ALLIES

__ Summer Tanager	U			
__ Scarlet Tanager*	U	U	U	
__ Northern Cardinal*	C	C	C	C
__ Rose-breasted Grosbeak*	U	U	U	
__ Indigo Bunting*	U	U	U	

BLACKBIRDS, MEADOWLARKS AND ORIOLES

__ Red-winged Blackbird*	C	C	C	O
__ Eastern Meadowlark			O	R
__ Rusty Blackbird			O	R
__ Common Grackle*	A	A	A	R
__ Brown-headed Cowbird*	C	C	C	O
__ Orchard Oriole*	U	U	U	
__ Baltimore Oriole*	C	C	C	U

FINCHES AND CROSSBILLS

__ Purple Finch	R	R	R	R
__ House Finch*	C	C	C	C
__ Pine Siskin				R
__ American Goldfinch*	U	C	U	U

OLD WORLD SPARROWS

__ House Sparrow*	A	A	A	A
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Species see less frequently than once every five years:

Common Redpoll	Redhead
Glaucous Gull	King Eider
Evening Grosbeak	Common Eider
Black-headed Gull	Red-necked Phalarope

**Appendix E – Animals of Governor Alfred E.
Smith/Sunken Meadow State Park**

**Governor Alfred E. Smith/Sunken Meadow State Park
Animal List**

Common name	Scientific name
Invertebrates	
Green Crab	<i>Carcinus maenas</i>
Fiddler Crab	<i>Uca pugnax</i>
Hermit Crab	<i>Pagurus armatus</i>
Horseshoe Crab	<i>Limulus polyphemus</i>
Blue Crab	<i>Callinectes sapidus</i>
Asian Shore Crab	<i>Hemigrapsus sanguineus</i>
Grass Shrimp	<i>Palaemonetes spp.</i>
Ribbed Mussel	<i>Geukensia demissa</i>
Blue Mussel	<i>Mytilus edulis</i>
Softshell Clam	<i>Mya arenaria</i>
Surf Clam	<i>Spisula solida</i>
Oyster	<i>Crassostrea virginica</i>
Anemone	
Fish	
American Eel	<i>Anguilla rostrata</i>
Blueback Herring	<i>Alosa aestivalis</i>
Alewife	<i>Alosa pseudoharengus</i>
Atlantic Menhaden	<i>Brevoortia tyrannus</i>
Golden Shiner	<i>Notemigonus crysoleucas</i>
Banded Killifish	<i>Fundulus diaphanus</i>
Striped Killifish	<i>Fundulus majalis</i>
Mummichog	<i>Fundulus heteroclitus</i>
Sheepshead Minnow	<i>Cyprinodon variegatus</i>
Atlantic Silverside	<i>Menidia menidia</i>
Nine spine Stickleback	<i>Pungitius pungitius</i>
Four spine Stickleback	<i>Apeltes quadracus</i>
Northern Pipefish	<i>Syngnathus fucus</i>
White Perch	<i>Morone americana</i>
Pumpkinseed Sunfish	<i>Lepomis gibbosus</i>
Sand Lance	<i>Ammodytes americanus</i>
Grubby	<i>Myoxocephalus aeneus</i>
Winter Flounder	<i>Pseudopleuronectes americanus</i>
Striped Bass	<i>Morone saxatilis</i>
Mosquitofish	<i>Gambusia holbrooki</i>
Amphibians	

Northern Redback Salamander	<i>Plethodon cinereus</i>
Spotted Salamander	<i>Ambystoma maculatum</i>
Spring Peeper	<i>Pseudacris crucifer</i>
Bullfrog	<i>Lithobates catesbeianus</i>
Green Frog	<i>Lithobates clamitans melanotus</i>
Fowler's Toad	<i>Bufo fowleri</i>
Reptiles	
Diamondback Terrapin	<i>Malaclemys terrapin</i>
Painted Turtle	<i>Chrysemys picta</i>
Snapping Turtle	<i>Chelydra serpentina</i>
Red-eared Slider	<i>Trachemys scripta elegans</i>
Eastern Box Turtle	<i>Terrapene c. carolina</i>
Eastern Garter Snake	<i>Thamnophis s. sirtalis</i>
Northern Brown Snake	<i>Storeria dekayi</i>
Eastern Milksnake	<i>Lampropeltis t. triangulum</i>
Northern Water Snake	<i>Nerodia s. sipedon</i>
Mammals	
Eastern Cottontail	<i>Sylvilagus floridanus</i>
Eastern Chipmunk	<i>Tamias sciurus</i>
Eastern Gray Squirrel	<i>Sciurus carolinensis</i>
Muskrat	<i>Ondatra zibethicus</i>
River Otter	<i>Lontra canadensis</i>
Virginia Opossum	<i>Didelphis virginiana</i>
Raccoon	<i>Procyon lotor</i>
Red Fox	<i>Vulpes fulva</i>
White-tailed Deer	<i>Odocoileus virginianus</i>
Birds	
Canada Goose	<i>Branta canadensis</i>
Great Blue Heron	<i>Ardea herodias</i>
Double-crested Cormorant	<i>Phalacrocorax auritus</i>
Great Egret	<i>Ardea alba</i>
Mute Swan	<i>Cygnus olor</i>
Wood Duck	<i>Aix sponsa</i>
Gadwall	<i>Anas strepera</i>
Yellow-crowned Night-Heron	<i>Nyctanassa violacea</i>
Osprey	<i>Pandion haliaetus</i>
American Oystercatcher	<i>Haematopus palliatus</i>
Great Horned Owl	<i>Bubo virginianus</i>
Eastern Wood Pewee	<i>Contopus virens</i>
Great-crested Flycatcher	<i>Myiarchus crinitus</i>
Willow Flycatcher	<i>Empidonax traillii</i>

Eastern Kingbird	<i>Tyrannus tyrannus</i>
White-eyed Vireo	<i>Vireo griseus</i>
Warbling Vireo	<i>Vireo gilvus</i>
Red-eyed Vireo	<i>Vireo olivaceus</i>
Fish Crows	<i>Corvus ossifragus</i>
Tree Swallows	<i>Tachycineta bicolor</i>
Barn Swallows	<i>Hirundo rustica</i>
Bank Swallows	<i>Riparia riparia</i>
Purple Martin	<i>Progne subis</i>
Marsh Wren	<i>Cistothorus palustris</i>
Brown Thrashers	<i>Toxostoma rufum</i>
Blue-gray Gnatcatcher	<i>Polioptila caerulea</i>
Wood Thrush	<i>Hylocichla mustelina</i>
Cedar waxwings	<i>Bombycilla cedrorum</i>
Blue-winged warbler	<i>Vermivora pinus</i>
Yellow warbler	<i>Dendroica petechia</i>
Prairie warbler	<i>Dendroica discolor</i>
American Redstarts	<i>Setophaga ruticilla</i>
Common Yellowthroat	<i>Geothlypis trichas</i>
Chipping Sparrow	<i>Spizella passerina</i>
Song Sparrow	<i>Melospiza melodia</i>
Swamp Sparrows	<i>Melospiza georgiana,</i>
Scarlet Tanager	<i>Piranga olivacea</i>
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>
Baltimore Orioles	<i>Icterus galbula</i>
Orchard Orioles	<i>Icterus spurius spurius.</i>
Piping Plover	<i>Charadrius melodus</i>
Least Terns	<i>Sterna antillarum</i>

Appendix F – Cultural Resource Review - Categorical Exclusion

New York State Office of Parks, Recreation and Historic Preservation
Minor Project Activities with No Effect on Historic Properties and are Exempt from Consultation

The following project activities are exempt from Office of Parks, Recreation and Historic Preservation/State Historic Preservation Office (SHPO) consultation and review because it has been determined that they will not likely change the quality of historic resources provided the following conditions are met:

- The proposed activity is a stand alone project; and
 - The proposed activity does not include and is not located in or contiguous to any historic or archaeological resource 50 years of age or older; nor listed on the State or National Register of Historic Places; nor is it a National Historic Landmark (e.g., historic structures, foundations, and out buildings, archaeological sites; historic gardens; historic viewsheds and cultural landscapes); and
 - The proposed project must be limited to one of the activities listed below.
1. In kind bridge repair or replacement involving the same abutment.
 2. In kind repair/replacement of below grade utilities such as septic systems, water lines, electric lines and fuel supply lines within the same utility trench.
 3. In kind repair/replacement of existing septic systems, storm drainage, or fuel storage where significant site features, such as mature vegetation, are not impacted.
 4. Trail construction on slopes greater than 12% and trail maintenance where no change in width, depth, vertical alignment, or drainage is to occur.
 5. In kind culvert replacement.
 6. Repaving or regrading of roadways or pathways where no change in width, surface material, depth, vertical alignment, or drainage is to occur.
 7. Repair of erosional issues/washouts due to flooding within 10 ft of the washout
 8. Removal of root balls from downed trees.
 9. Removal of invasive species that does not entail grubbing or grading.
 10. In kind repair/replacement of existing curbing or sidewalks.
 11. Planting trees when excavation will not exceed 2 ft in diameter.
 12. Digging post holes for signs and fences that will not exceed 2 ft in diameter.

* If during the course of construction any artifacts, archaeological features, or historic remains are discovered, work in the vicinity of the discovery must be stopped immediately and the Archaeological Unit of the SHPO must be contacted for further guidance.

