MARINA LANE NATURE PRESERVE: MANAGEMENT PLAN

Prepared by Terry Ganley and Tim Sullivan

for

Management Plan Subcommittee of the
Town's Nature Preserve Committee

George Larsen, Zachary Cohen, Gene Makl,
Bill Lundin, Heather Anderson, Rameshwar Das

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I. INTRODUCTION

Name and Ownership

The Town of East Hampton bought the parcels now known as the Marina Lane Nature Preserve in two stages. In 1960, the Town purchased 0.34 acres as a water access in 1960 from John H. Carl, Jr. and in 1975, 17.6 acres from Paul Bianco to use as a dredge spoil depository.

Location and Size

The Marina Lane Nature Preserve, SCTM # 300-93-1-1 and SCTM 300-93-1-2 is a 17.94-acre parcel bordered on the east by Three Mile Harbor Road, on the west by Three Mile Harbor and on the north and northwest by Breeze Hill Road.

Reason for Nature Preserve Designation

The Marina Lane Nature Preserve was given this designation because of its diverse and ecologically sensitive landscape, which includes three varieties of wetlands. The parcels were designated a Nature Preserve on April 16, 1993 by Town Board Resolution No. 454.

History

An 1838 USCGS survey map shows that the north western portion of the Marina Lane was a barrier spit which extended westward across Three Mile Harbor in a boot like shape with the toes extending south just above what is now Hampton Waters Development. **(See Appendix II)** The 1884 USCGS survey map shows the boot straightening out leaving a narrow channel between the barrier spit and the east side of Three Mile Harbor. **(See Appendix III)** The 1884 survey map indicates that the Marina Lane Nature Preserve was all wetlands. The 1933 USCGS Map shows that a channel **was** dredged at the south end of Three Mile Harbor creating the present island between the Marina Lane Nature Preserve and Hampton Waters. The survey map says that the nature preserve was at that time a sand pit. **(See Appendix IV)**. The Town bought the property in 1975.

II. DESCRIPTION OF SITE

(See combined aerial photograph and GPS field survey map dated 6-12-03 in **Appendix V.**)

Roughly the center of the 17.6-acre Nature Preserve has been used and will be partially used as a Town dredge spoil area. One quarter of the current dredge spoil area as indicated on the map has been recommended for wetland restoration. The dredge spoil area is enclosed by a sand berm. Northwest of the dredge spoil location, bordered by Breeze Hill Road and a small beach on the west, is an extensive saltwater marsh. Directly north of the dredge spoil area and east of the salt marsh is a salt-fresh transitional zone. As clearly marked by the photograph/map there is an extensive freshwater wooded swamp around the transitional zone which runs north and south on the eastern portion of the nature preserve and on the south east abutting Three Mile Harbor Road. On the east and south east of the dredge spoil area and between the fresh water wooded swamp is a mixture of upland dunes and hardwood forest. Marina Lane leads to an overgrown dirt road historically used by baymen.

A complete list of flora and fauna is found in **Appendix VI.**

III. MANAGEMENT GOALS AND ISSUES

The primary goals of this Preserve is to protect the rich and varied ecology and topography of the area for future generations, encouraging its historic use of waterfowling, nature studies, fin fishing and shell fishing while permitting 4-wheel drive vehicles in designated areas.

Wetland restoration is an important goal of this plan, but at least five acres should be retained for the future placement of dredge spoil and would most appropriately be located in the area shown **in Appendix IV.**

IV. ACCESS

The only access to the Preserve is from Marina Lane.

IV. PERMITTED USES

Permitted Activities

Passive Recreation

Shellfishing with East Hampton Town permit

Fishing

Bird watching

Nature Studies

Waterfowling per DEC and Town Trustee regulations

Four-wheel Driving in permitted areas

Dog Training

Wildlife Restoration

VI. RESTRICTIONS

Restricted Activities

Illegal off-road-vehicles (ORV) per East Hampton Town Code

Digging and artifact recovery

Woodcutting

Removal of vegetation

Dumping, including road kill

Abandonment of pets and other domesticated animals

Signage and Enforcement of Restrictions

East Hampton Nature Preserve signs, as designated by the Nature Preserve Committee and approved by the Town Board, shall be posted about the perimeter of the Preserve to notify the public of its Nature Preserve status. Signage shall also be placed at the primary access point identifying the Preserve for public use. Where required, signs must be posted citing Town Code regulations concerning: parking, beach driving, shellfishing, piping plover and least tern breeding areas.

Fines and Penalties

All existing sections of the Town Code apply to this preserve.

All fines and penalties should be assessed at the maximum amount.

VII. MAINTENANCE

Town should clearly mark future wetlands restoration area.

Town should clearly mark present dredge spoil area.

Old four wheel drive dirt road should be reopened and maintained.

The Preserve must be cleared of rubbish and dumped material at all times and maintained in as pristine condition as possible.

The Town should organize and work with user groups for clean-up days within the preserve. The Town should organize an Adopt-a-Preserve program.

The Town, as well as, the members of the Nature Preserve Committee should take an active role in the oversight of the properties, and report activities and usage that are not allowed under current code and regulations to the proper enforcement department.

VIII. RECOMMENDED IMPROVEMENTS

Wetland restoration is an important goal of this plan, but at least five acres should be retained for the future placement of dredge spoil and would most appropriately be located in the area shown in **Appendix, Article V.**

The Town and Town Trustees must improve enforcement of codes regulating the following activities with particular attention to improving co-ordination with regard to waterfowl blind placement and beach driving.

Parking with East Hampton Town permit only.

Beach vehicle access with East Hampton Town permit only.

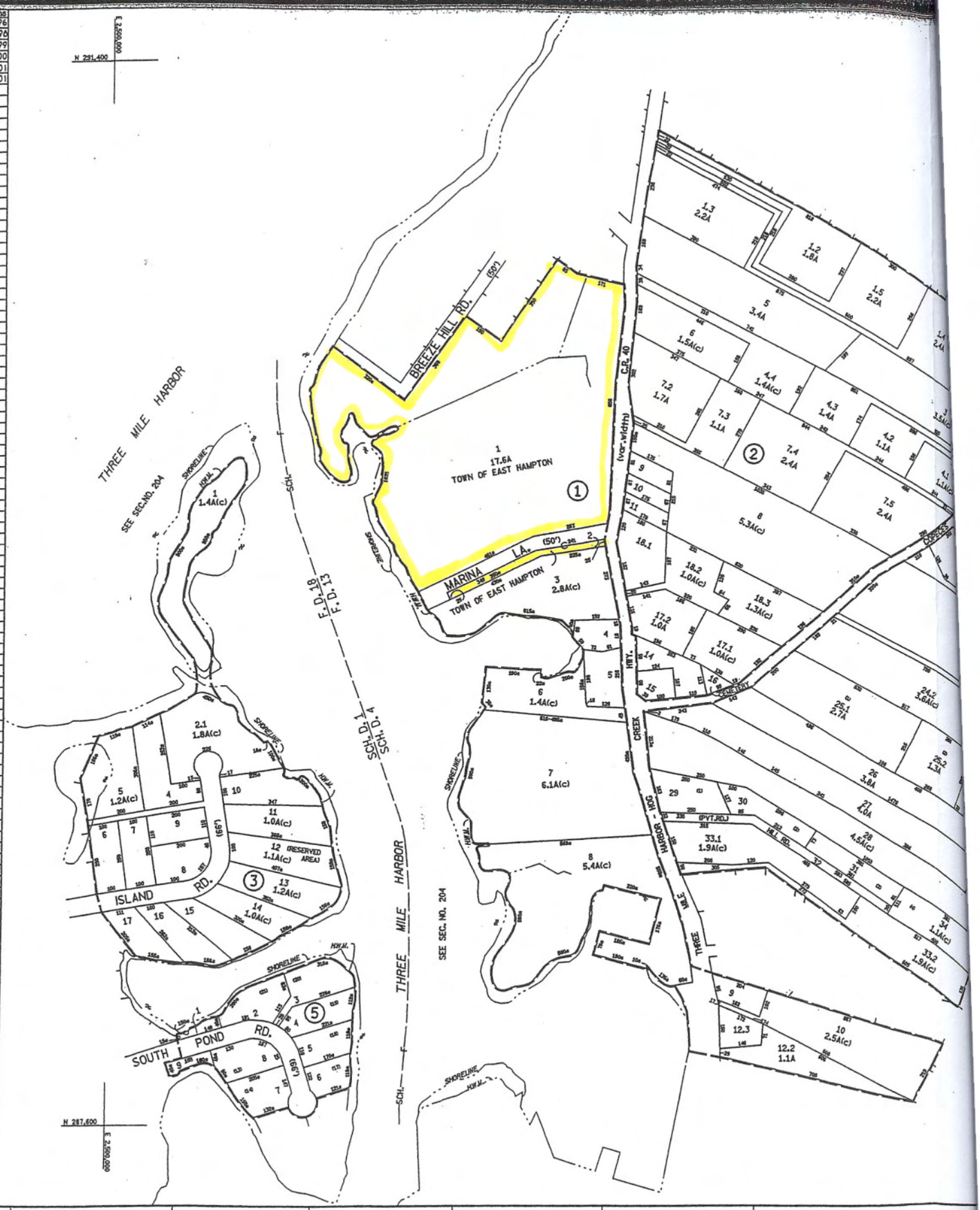
Shellfishing with East Hampton Town Permit only.

Proper marking of duck blinds and removal of duck blinds after season.

APPENDIX

D	Parcel No. 23	Deed Area 12.1 A(d) or 12.1A	Town Line	Park District Line — P —	Wastewater District Line — WW —	AMBULANCE	REFUSE
		Calculated Area 12.1 A(c)	Village Line	Sewer District Line — S —			WASTEWATER

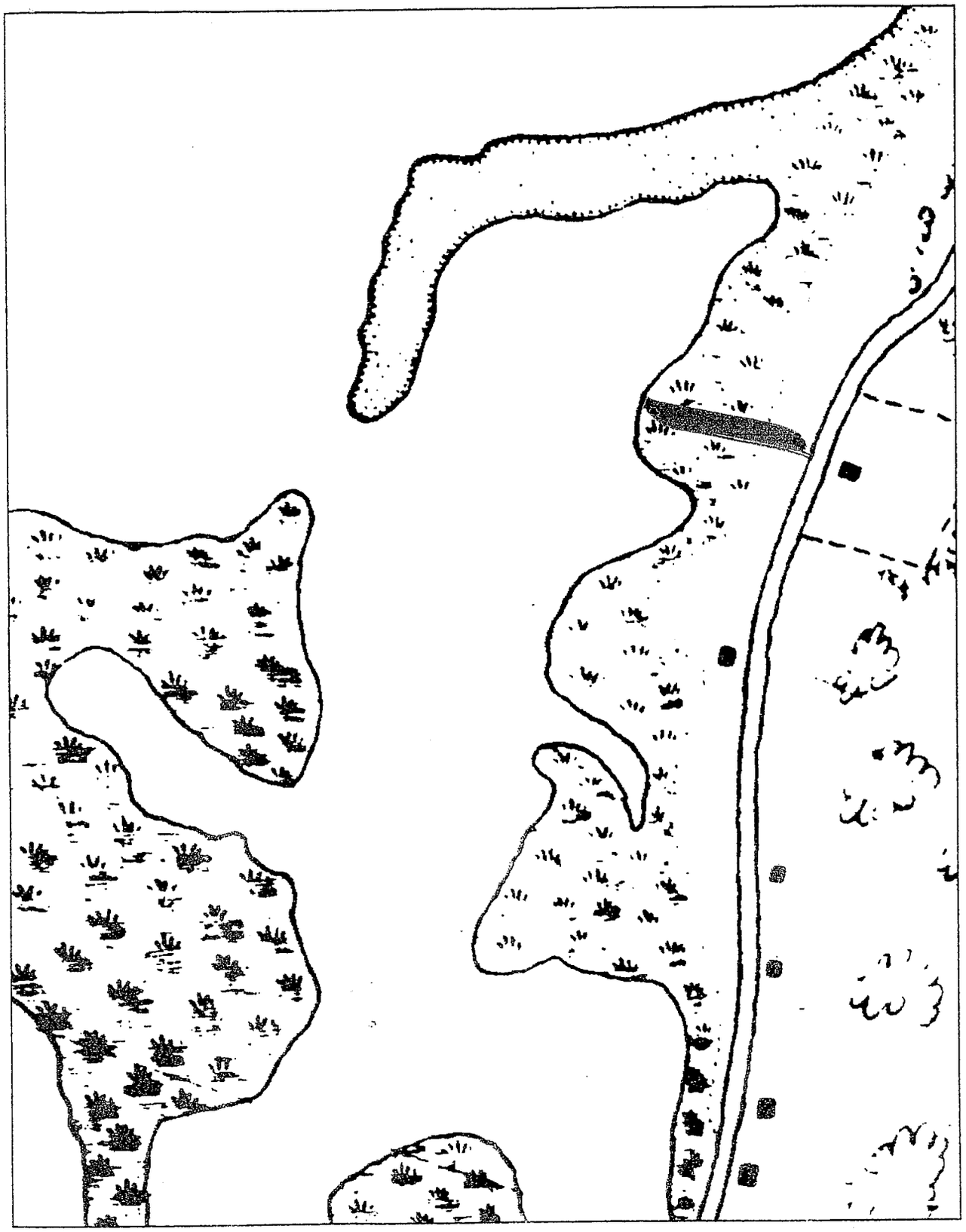
Revisions
12-09-96
08-31-98
08-24-99
12-14-00
05-01-01
05-10-01



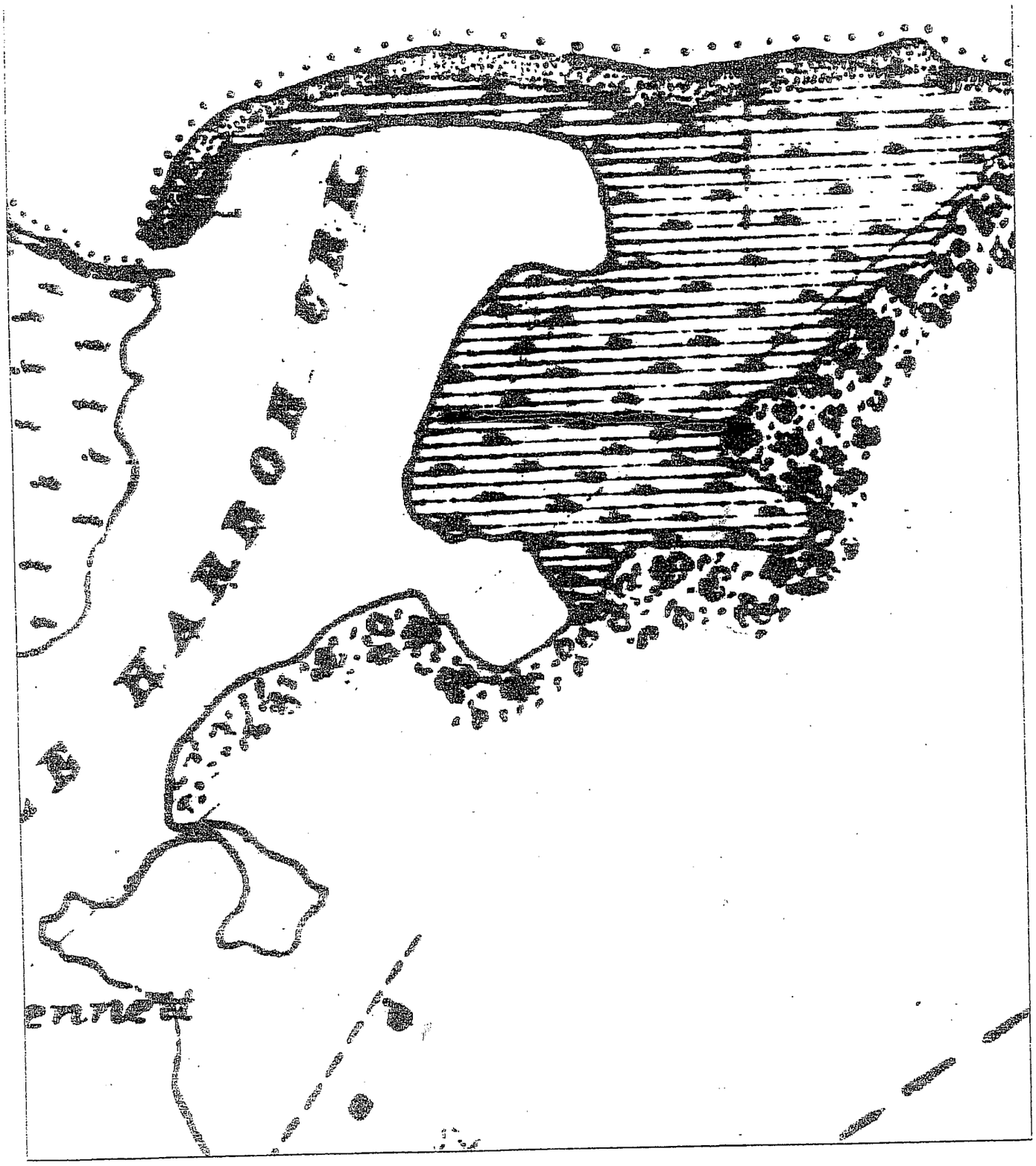
LEGEND									
Property or RW Line		Subdivision Lot No.		Block Limit		School District Line	— SCH —	Hydrant District Line	— H —
Denotes Common Owner	Z	Subdivision Block/Bldg. No.	(21)	Block No.	2	Fire District Line	— F —	Refuse District Line	— R —
Subdivision Lot Line		Deed Dimension		County Line		Water District Line	— W —	Historical District Line	— HST —
Stream / Shore		Scaled Dimension		Town Line		Light District Line	— L —	Ambulance District Line	— A —
Parcel No.	23	Deed Area	12.1 A(d) or 12.1A	Village Line		Park District Line	— P —	Wastewater District Line	— WW —
		Calculated Area	12.1 A(c)			Sewer District Line	— S —		

UNLESS DRAWN OTHERWISE, ALL PROPERTIES ARE WITHIN THE FOLLOWING DISTRICTS:

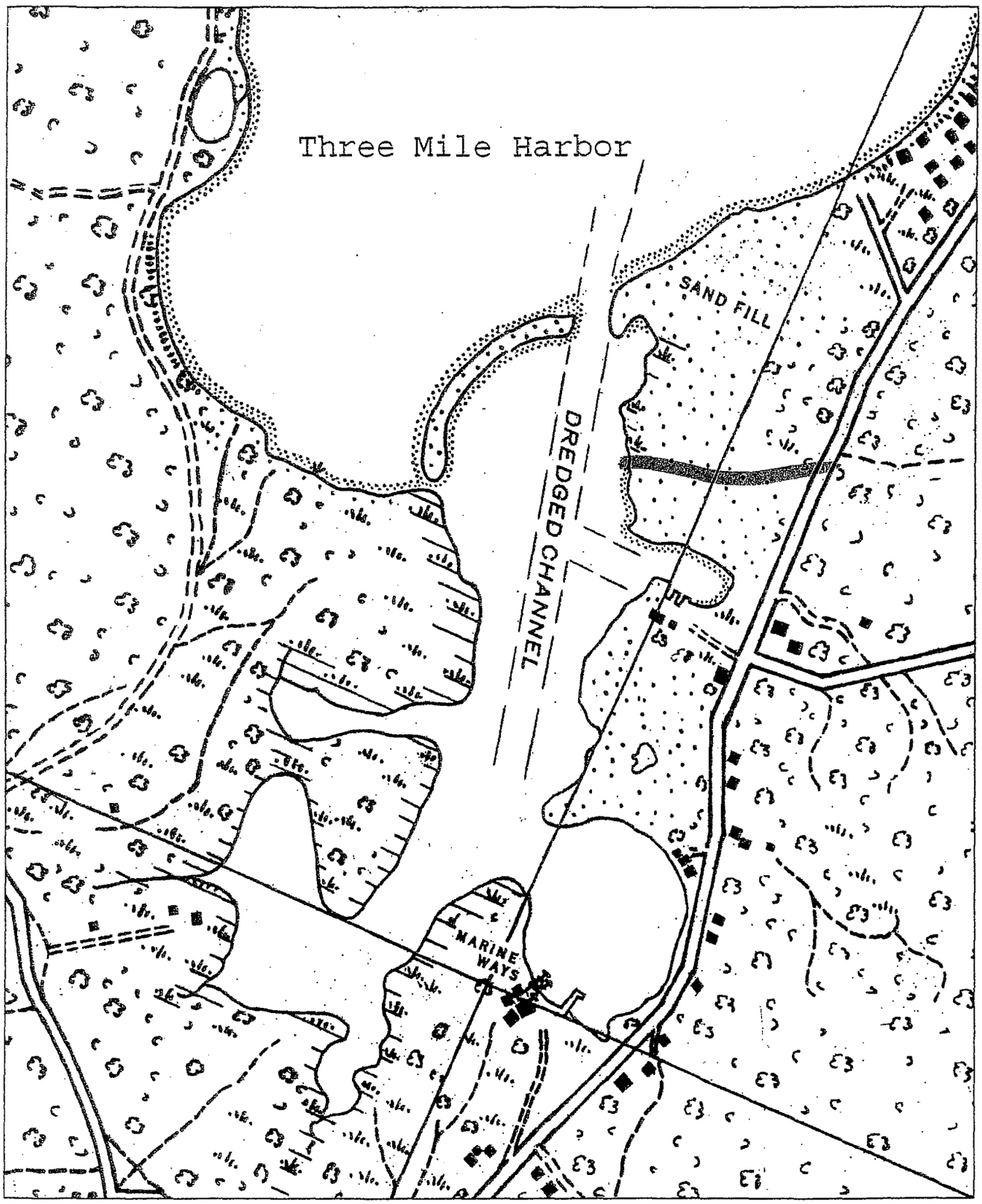
SCHOOL	1.4	SEWER	
FIRE	13.18	HYDRANT	
LIGHT		WATER	
PARK		REFUSE	
AMBULANCE		WASTEWATER	



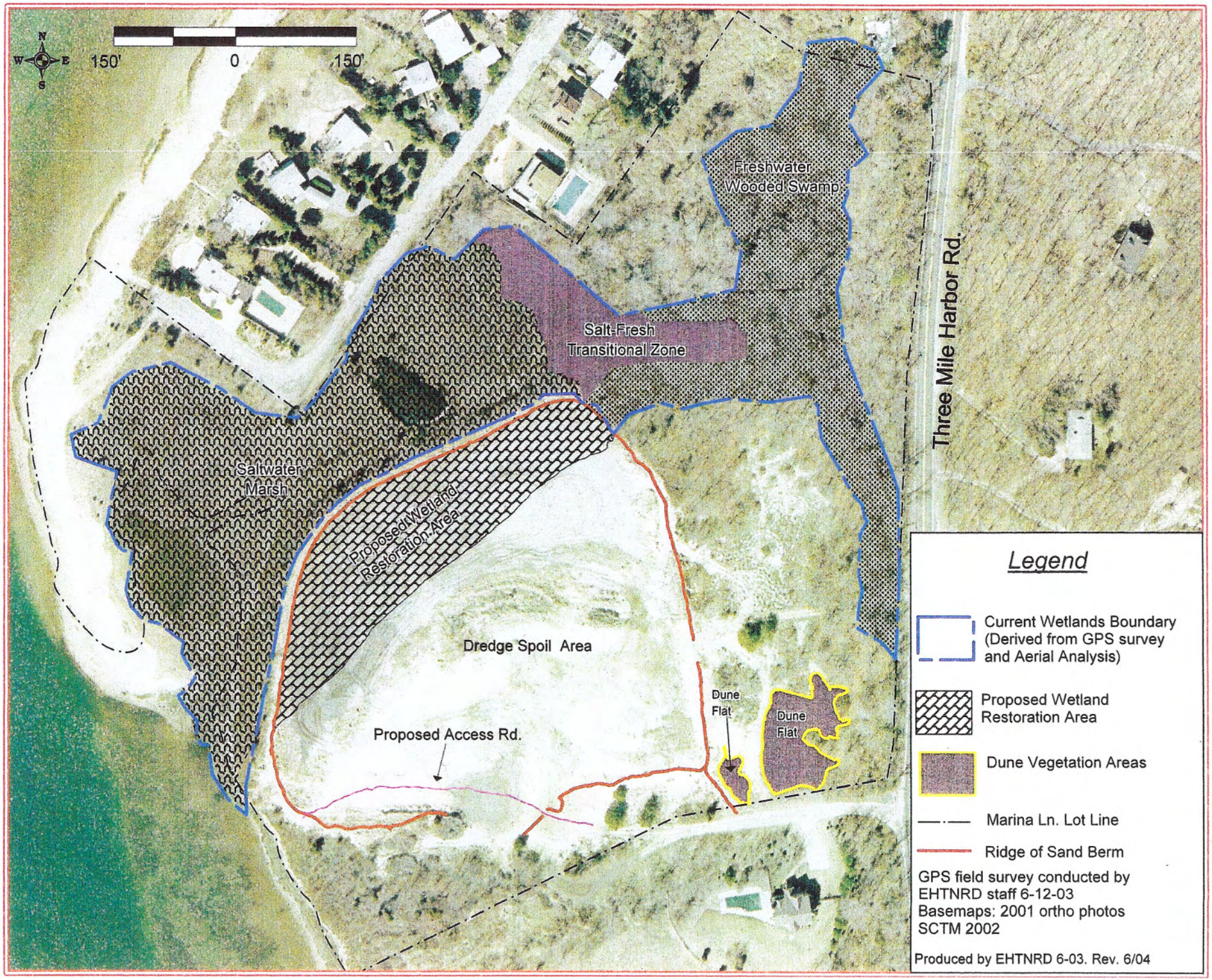
USCS 1838 Three Mile Harbor- Marina Lane



USCGS 1884 Three Mile Harbor - Marina Lane



1933 USCGS Map Three Mile Harbor


N
W
E
S
150'
0
150'
Freshwater Wooded Swamp
Salt-Fresh Transitional Zone
Three Mile Harbor Rd.
Saltwater Marsh
Proposed Wetland Restoration Area
Dredge Spoil Area
Proposed Access Rd.
Dune Flat
Dune Flat
Legend
Current Wetlands Boundary (Derived from GPS survey and Aerial Analysis)
Proposed Wetland Restoration Area
Dune Vegetation Areas
Marina Ln. Lot Line
Ridge of Sand Berm
GPS field survey conducted by EHTNRD staff 6-12-03
Basemaps: 2001 ortho photos SCTM 2002
Produced by EHTNRD 6-03. Rev. 6/04

MAJOR FLORA AND FAUNA OF MARINA LANE NATURE PERSERVE

FLORA

American Beach Grass	VC
Asiatic Bittersweet	UC
Beach Heather	C
Beach Plum	UC
Bearberry	MC
Black Cherry	MC
Black Locust	MC
Black Oak	UC
Bracken Fern	UC
Bristly Dewberry	UC
Carolina Rose	UC
Cinnamon Fern	UC
Creeping Bent	MC
Glaucous Greenbrier	UC
Golden Heather	UC
Gray's Flat Sedge	MC
Gray Goldenrod	UC
Greenbrier	UC
Greene's Rush	MC
Groundsel Bush	MC
Highbush Blueberry	UC
Hightide Bush	UC
Japanese Honeysuckle	UC
Japanese Knotweed	UC
Jointweed	UC
Little Bluestem	MC
Marsh Fern	UC
Marum Grass	UC
Multiflora Rose	UC
Northern Arrowwood	UC
Northern Bayberry	MC
Panicum Grass	MC
Path Rush	UC
Pearly Everlasting	UC
Phragmites	VC
Pinweed	UC
Pine Barren Sandwort	UC
Pitch Pine	MC
Poison Ivy	MC
Post Oak	UC
Purple Lovegrass	UC
Red Maple	UC
Royal Fern	UC

Russian Olive	MC
Salicornia	UC
Saltmarsh Hay	MC
Saltwater Cordgrass	C
Saltwort	UC
Sassafras	UC
Scarlet Oak	UC
Sea Lavender	UC
Sea Rocket	UC
Seaside Goldenrod	MC
Soft Rush	UC
Stiff-leaved Aster	UC
Swamp Azalea	UC
Sweetpepper Bush	UC
Sweet Everlasting	UC
Switchgrass	MC
Trailing Arbutus	UC
Trailing Blackberry	UC
Tupelo	UC
Virginia Creeper	MC
Virginia Rose	UC
White Oak	UC
Willow	UC

FAUNA

Mammals

Common Mole
Eastern Chipmunk
Eastern Cottontail
Dusky Shrew
Gray Squirrel
Long-tailed Weasel
Meadow Mouse
Muskrat
Norway Rat
Opossum
Raccoon
Red Fox
Short-tailed Shrew
White-footed Mouse
White-tailed Deer

Breeding Birds

Black-capped Chickadee
Blue Jay
Brown-headed Cowbird
Cardinal
Chipping Sparrow
Common Crow
Common Grackle
Gray Catbird
House Finch
House Sparrow
Mallard
Mockingbird
Osprey
Red-winged Blackbird
Robin
Song Sparrow
Tufted Titmouse
White-breasted Nuthatch

Reptiles

Black Racer
Box Turtle
Diamondback Terrapin
Garter Snake
Milk Snake
Snapping Turtle

Amphibians

Fowler's Toad

Marine Invertebrates

Blood Worm
Clam Worm
Mud Fiddler Crab
Ribbed Mussel