



Division of Fisheries & Wildlife

Wayne F. MacCallum, Director

July 2, 2010

Martha Schroeder
Lakeville Open Space Committee
mwschroeder@verizon.net

Re: OSRP – NHESP #00-6658 Update 2010, Town of Lakeville

Dear Mike:

Enclosed is the information you requested on the rare species and other forms of biodiversity that NHESP has documented in Lakeville for the Open Space & Recreation Plan (OSRP) update. This letter and any of the information with it or from our website may be made public and used in the OSRP. In general the information we provided in 2000 for the previous version of Lakeville's OSRP remains applicable, with some additional information from more recent surveys of rare species and their habitats.

The most important areas of Lakeville to protect to maintain known biodiversity are the areas in and around the 2008 Priority Habitat (PH), BioMap (2001), and Living Waters (2003) cores, for which I am sending maps. Any land managing activities in these areas need to include consideration of the rare species and their habitats. A map that combines the 2008 Priority Habitats with the BioMap is a very good, but somewhat cluttered, approach to viewing areas important for biodiversity. Because BioMap and Living Waters were intended as conservation planning tools, they were based on more aspects of biodiversity than the regulated species and often resulted in larger polygons than the regulatory Priority Habitats (and their subset, Estimated Habitats (EH)). However, BioMap and Living Waters are static reports and the Priority and Estimated Habitats are revised regularly. NHESP is working on an update to BioMap, but it is not expected to be ready until this fall.

Enclosed is a list from the NHESP database of rare species currently known to occur in or to have occurred in Lakeville. The list includes species protected under the Massachusetts Endangered Species Act (MESA), some of which have habitat also protected under the Wetlands Protection Act, Certified Vernal Pools (14 in Lakeville), and other, not regulated, indicators of local biodiversity, including Watch Listed plants, delisted species, and priority types of natural communities. Any MESA listed species with a most recent observation date within the past 25 years is considered to be current. Older dates may be species that have not been recently inventoried, or they may have been lost from Lakeville as land use, water quality, and other aspects of habitat have changed. Fact Sheets describing many of the MESA listed (and some delisted) species and their habitats are available on our website at http://www.mass.gov/dfw/eo/dfw/nhosp/species_info/fact_sheets.htm. Natural community fact sheets are available at http://www.mass.gov/dfw/eo/dfw/nhosp/natural_communities/fact_sheets.htm. We encourage inclusion of the list of species in the town and their factsheets in the OSRP. Please note that since 2000, Spotted Turtles and Four-toed Salamanders have been removed (delisted) from the list of species protected under MESA. Osprey and Great Blue Heron were delisted previously.

As the list shows, there are many rare species occurrences in Lakeville. The major clusters of these occur in the PH 13 (BioMap 1208, LWB3 and 163), the Quittacas Pond – Assawampset Pond – Long Pond complex and in PH 1093, 304, 1077, and 1158, (BioMap 1229), the Lakeville Assawampset Cedar Swamp area. And more recently

Natural Heritage & Endangered Species Program

Field Headquarters, Westborough, MA 01581 Tel: (508) 389-6360 Fax: (508) 389-7891
An Agency of the Department of Fish & Game
<http://www.nhosp.org>



identified, PH 1421 (including tiny BinMap 1219) has been identified in the northern part of town. These areas are particularly valuable in ecological terms and for the conservation of a variety of species, common as well as rare. Fortunately, the two areas in the south have been the focus of land protection efforts and include private conservation lands as well as public lands. Completing conservation protection of any remaining unprotected land in these areas, with buffering areas included, would enhance the viability of these special areas. Efforts to protect the less protected northern cluster of rare species habitats would benefit the town's and regional biodiversity. That area has clusters of vernal pools, important streams, and habitat supporting upland and wetland species.

Lakeville has several species of rare turtles: the Northern Red-bellied Cooter (formerly called the Plymouth Red-belly turtle) is well known in the ponds of southeastern part of Massachusetts, to which this subpopulation of the species is restricted. Protecting the ponds and the shorelines where they nest greatly protects the species. Eastern Box turtles, while not as rare as the Northern Red-bellied Cooter, have the core of their Massachusetts distribution in the southeastern part of the state. Most of the upland, and some wetland, Priority Habitat areas include important areas for Box Turtles, a species that uses wetlands although much of its habitat is upland oak and pine-oak forests. The Wood Turtle is a species of streams and rivers, and their adjacent areas. Streams in town, particularly those in the areas of Priority Habitat, provide important habitat for the Wood Turtle. Habitats of the Wood and Box Turtles overlap in several areas of town. All of the turtles nest in open sandy areas near their preferred habitats. Adults crossing roads in search of nesting locations are susceptible to road-kill, which has a major impact on turtle populations. Unfragmented land with nest areas near the main habitat are good targets for land protection for turtle conservation turtles. More turtle information is available at http://www.mass.gov/dforele/dfr/nhosp/conservation/pdf/turtle_tips.pdf

The Northern Red-bellied Cooter, Bald Eagle, Bridle Shiner (a fish), and freshwater mussels (Tidewater Mucket and Eastern Pondmussel) all make good use of the large ponds with protected shorelines. The Tidewater Mucket prefers coastal freshwater ponds with clear, clean water and a sandy substrate. The Eastern Pondmussel is found in protected areas of lakes, slack water areas in rivers, and in canals. Sand, silty-sand, and some gravelly substrates provide habitat for this species.

The Water-willow Stem-borer, a rare moth, is found in wetlands, seasonally flooded swamps and along the edges of permanent bodies of water with a significant amount of water-willow within the shallow water zone.

Some of the streams in Lakeville have been identified by DFW Fisheries' Section as particularly important for cold water fisheries, and other wildlife, rare and more common. Several of these streams are shown on the maps attached to this letter.

Lakeville has several types of natural communities that NHESP has identified as priority types: coastal plain pond shores, a very good Coastal Atlantic White Cedar Swamp, and a small area of Pitch Pine/Scrub Oak Community, as well as a more common Forest Seep community. Fact sheets that further describe the vegetation and special aspects of the natural communities are available from our website

http://www.mass.gov/dforele/dfr/nhosp/natural_communities/fact_sheets.htm. All of the priority types of communities mentioned are best represented in Massachusetts in the southeastern part of the state, and barely occur outside of that area. Coastal Atlantic White Cedar Swamps provide habitat to Hessel's Hairstreak, a butterfly that feeds on Atlantic White Cedar, and the dragonfly Mocha Emerald that breeds in small streams flowing through swamps, as well as providing great habitat for other wetland species. Coastal plain ponds are particularly important as they provide habitat for many rare species, including Plymouth Gentian, New England Boneset, and the Watch Listed Rose Coreopsis, all of which have most of their entire populations in Massachusetts. These three species are examples of local abundance of rare species: all three occur along the shorelines of many coastal plain ponds in Massachusetts – but in very few sites outside the state. The large pond complex supports some of the species of coastal plain pond shore, but the best examples of that community type occur on smaller ponds. Protection of coastal plain ponds and Coastal Atlantic White Cedar Swamps, as well as other types of wetlands, includes maintaining their natural water regime, as discussed in the management section at the end of the letter. The patch of Pitch Pine/Scrub Oak Community in Lakeville is quite small, it is an outlier of large areas of pitch pine/scrub oak communities to the east, but occurs on sandy areas supporting species adapted to the dry, nutrient poor conditions found there.

Lakeville has 14 Certified Vernal Pools (CVP) and a large number of Potential Vernal Pools (PVP) (identified from aerial photographs, needing verification on the ground). Areas of swamps also provide habitat for vernal pool species. Certifying the PVPs that have not been examined would provide additional protection to these wetlands and the species that use them. Clusters of vernal pools provide extra habitat value for the species that use them since each pool is somewhat different and provides alternate habitats in different years and seasons. Any such lands already protected are good sites for biodiversity and good cores for larger properties.

Large unfragmented conservation land provides the best opportunities to maintain populations of species and limit species loss from the Town. Land protection that ties in with open space in other municipalities, and other protected open space, public or private is one way to provide important large areas of biodiversity protection. Protecting any unprotected areas of the Priority Habitats and BioMap cores would protect habitat of rare, and also common, species and enhance their viability. Protecting areas adjacent to existing conservation land limits fragmentation and maintains a variety of habitats.

BioMap and Living Waters cores were produced by NHESP to identify the areas of most importance for biodiversity: they are based on known locations of rare species and uncommon natural communities, and incorporate the habitats needed by rare species to maintain the local populations. BioMap focused on species of uplands and wetlands; Living Waters focused on aquatic species. BioMap and Living Waters polygons are available from MassGIS at <http://www.mass.gov/mgis/biocore.htm> and <http://www.mass.gov/mgis/lwcore.htm>. We encourage inclusion of the BioMap report and a map identifying the core areas in the Open Space Plan. Please note that the descriptions of the BioMap cores includes lists of species that occur anywhere in the Core areas: species not actually known from Lakeville may be listed. These species might well be expected anywhere in the core areas. The report can be downloaded from <http://www.mass.gov/dfwet/dfw/nhesp/nltwreports.htm>.

Management and monitoring of conservation lands become important as protection is accomplished. Wetlands particularly need to maintain their natural water regime, including normal fluctuations and connections with the uplands and other wetlands. Maintaining water quantity and quality are ongoing issues. We urge towns to include considerations of hydrological connections in their open space planning. Another important management issue is invasive non-native species that alter the land and occupy space that native species would otherwise use. We strongly recommend monitoring conservation land and removing non-native species before they become a problem and impact native species.

Please note that this evaluation is based on the most recent information available in the Natural Heritage database, which is constantly being expanded and updated through ongoing research and inventory. Should new rare species information become available, this evaluation may need to be reconsidered.

Please do not hesitate to call me at (508) 389-6352 if you have any questions.

Sincerely,

Patricia C. Swain, Ph.D.
Ecologist

cc: Melissa Cryan, FEA



Division of Fisheries & Wildlife

Wayne F. MacCallum, *Director*

Rare Species and Natural Communities Documented in the Town of Lakeville AS OF July 1, 2010

<u>Scientific Name</u>	<u>Common Name</u>	<u>MESA Status</u>	<u>Most recent Year</u>
VERTEBRATES			
<i>Accipiter striatus</i>	Sharp-shinned Hawk	SC	1925
<i>Ardea herodias</i>	Great Blue Heron	Delisted	1998
<i>Circus cyaneus</i>	Northern Harrier	T	1898
<i>Clemmys guttata</i>	Spotted Turtle	Delisted	2000
<i>Gavia immer</i>	Common Loon	SC	1872
<i>Glyptemys insculpta</i>	Wood Turtle	SC	1982
<i>Haliaeetus leucocephalus</i>	Bald Eagle	E	2009
<i>Hemidactylium scutatum</i>	Four-toed Salamander	Delisted	1980
<i>Ictalurus nebulosus</i>	Least Bittern	E	2007
<i>Notropis bifrenatus</i>	Bridle Shiner	SC	1984
<i>Pandion haliaetus</i>	Osprey	Delisted	1989
<i>Parula americana</i>	Northern Parula	T	1978
<i>Pseudemys rubriventris</i> pop. 1	Northern Red-bellied Cooter	E	2003
<i>Rallus elegans</i>	King Rail	T	1979
<i>Terrepen carolina</i>	Eastern Box Turtle	SC	2008
INVERTEBRATES			
<i>Glyptemys insculpta</i>	Hesse's Hairsnail	SC	1988
<i>Leptodea ochracea</i>	Tidewater Mucket	SC	1989
<i>Ligumia nasuta</i>	Eastern Pondmussel	SC	2008
<i>Papaipema sulphurata</i>	Water-willow Stem Borer	T	1987
<i>Somatochlora linearis</i>	Mocha Emerald	SC	2005
VASCULAR PLANTS			
<i>Asclepias tuberosa</i>	Butterfly-weed	WL	1974
<i>Coreopsis rosea</i>	Pink Tickseed	WL	ND
<i>Desmodium sessilifolium</i>	Sessile-leaved Tick-trefoil	H	1908
<i>Eleocharis melanocarpa</i>	Black-fruited Spike-rush	WL	1913
<i>Eupatorium norae-angliae</i>	New England Boneset	E	1985
<i>Lipocarpus micrantha</i>	Dwarf Bulrush	T	1902
<i>Lycopus amplexans</i>	Pondshore water-horehound	WL	1913
<i>Lygodium palmatum</i>	Climbing Fern	SC	2007
<i>Nabalus serpentarius</i>	Lion's Foot	E	1913
<i>Panicum rigidulum</i> ssp. pubescens	Long-leaved Panic-grass	T	1988
<i>Sabatia kennedyana</i>	Plymouth Gentian	SC	2002
<i>Sanicula canadensis</i>	Canadian Sanicle	T	2000
<i>Utricularia resupinata</i>	Resupinate Bladderwort	T	1979



Natural Heritage & Endangered Species Program

Field Headquarters, Westborough, MA 01581 Tel: (508) 389-6360 Fax: (508) 389-7891

An Agency of the Department of Fish & Game

<http://www.nhesp.org>

Ring-necked Duck	<i>Aythya collaris</i>
Tufted Duck	<i>Aythya fuligula</i>
Greater Scaup	<i>Aythya marila</i>
Lesser Scaup	<i>Aythya affinis</i>
Common Eider	<i>Somateria mollissima</i>
Oldsquaw	<i>Clangula hyemalis</i>
Black Scoter	<i>Melanitta nigra</i>
Surf Scoter	<i>Melanitta perspicillata</i>
White-winged Scoter	<i>Melanitta fusca</i>
Common Goldeneye	<i>Bucephala clangula</i>
Barnow's Goldeneye	<i>Bucephala islandica</i>
Bufflehead	<i>Bucephala albeola</i>
Hooded Merganser	<i>Lophodytes cucullatus</i>
Common Merganser	<i>Mergus merganser</i>
Red-breasted Merganser	<i>Mergus serrator</i>

Appendix I. Fauna of Lakeville

Butterflies of Lakeville, MA

50 species

Sources: K. Holmes and MA NHESP

PAPILIONIDAE – Swallowtails

Pipevine Swallowtail	<i>Battus philenor</i>
Black Swallowtail	<i>Papilio polyxenes</i>
Eastern Tiger Swallowtail	<i>Papilio glaucus</i>
Spicebush Swallowtail	<i>Papilio troilus</i>

PIERIDEA – Whites and Sulphurs

Cabbage White	<i>Pieris rapae</i>
Clouded Sulphur	<i>Colias philodice</i>
Orange Sulphur	<i>Colias eurytheme</i>
Little Yellow	<i>Eurema lisa</i>

LYCAENIDAE – Harvesters and Coppers

American Copper	<i>Lycaena phlaeas</i>
-----------------	------------------------

LYCAENIDAE – Hairstreaks

Coral Hairstreaks	<i>Satyrus edua</i>
Edwards' Hairstreak	<i>Satyrus edwardsii</i>
Banded Hairstreak	<i>Satyrus calanus</i>
Southern Hairstreak	<i>Satyrus favonius</i>
Brown Elfin	<i>Callophrys eugestinus</i>
Frosted Elfin	<i>Callophrys irus</i>
Eastern Pine Elfin	<i>Callophrys niphon</i>
Hessel's Hairstreak	<i>Callophrys (=Minois) hesseli</i>

LYCAENIDAE – Blues

Eastern Tailed Blue

Eversmannia comyniana

'Hops' Spring Azure

Gelandris humulus

NYMPHALIDAE – Brushfoots

Variegated Fritillary

Euphydryas claudia

Great Spangled Fritillary

Speyeria cybele

Aphrodite Fritillary

Speyeria aphrodite

Harris' Checkerspot

Chlosyne harrisii

Pearl Crescent

Phyciodes tharos

Baltimore Checkerspot

Euphydryas phaeton

Question Mark

Polygonia interrogationis

Eastern Comma

Polygonia comma

Mourning Cloak

Nymphalis antiopa

American Lady

Vanessa virginiensis

Painted Lady

Vanessa cardui

Red Admiral

Vanessa atalanta

Common Buckeye

Junonia coenia

White Admiral

Limenitis arthemis arthemis

Red-spotted Purple

Limenitis arthemis astyanax

Viceroy

Limenitis archippus

NYMPHALIDAE – Satyrs

Little Wood-satyr

Megala cymela

Common Wood-nymph

Cercyonis pegala

NYMPHALIDAE – Milkweed Butterflies

Monarch

Danais plexippus

HESPERIDAE – Spreading Skippers

Silver-spotted Skipper

Epargyreus clarus

Hoary Edge

Achalarus lyciades

Horace's Duskywing
Common Sootywing

Erynnis horatius
Pholisora catallus

HESPERIIDAE – Grass Skippers

Least Skipper
European Skipper
Peck's Skipper
Tawny-edged Skipper
Long Dash
Northern Broken-dash
Delaware Skipper
Black Dash

Ancyloxypha numitor
Thymelicus lineola
Polites peckius
Polites themistocles
Polites myadri
Wallengrenia egeremet
Anatrytone logan
Euphyes conspicua

FISH of Lakeville, MA
23 species

Sources: S. Hurley, K. Leonard, and C. Tufill, R. Turner

American Eel
Blueback Herring
Alewife
Brook Trout
Redfin Pickerel
Chain Pickerel
Golden Shiner
Bridle Shiner
White Sucker
Lake Chubsucker
Brown Bullhead
Banded Killifish
White Perch
Banded Sunfish
Pumpkinseed
Bluegill
Smallmouth Bass
Largemouth Bass

Black Crappie
Swamp Darter
Tessellated Darter
Yellow Perch
Walleye

REPTILES and AMPHIBIANS of Lakeville, MA

28 species

Sources: K. Holmes, C. Tuffile, R. Turner, and N. Yearits

Spotted Salamander
Red-Spotted Newt
Red-backed Salamander
Two-lined Salamander
American Toad
Fowler's Toad
Spring Peeper
Gray Treefrog
Bullfrog
Green Frog
Wood Frog
Northern Leopard Frog
Pickered Frog
Common Snapping Turtle
Stinkpot
Spotted Turtle
Box Turtle
Plymouth Redbelly Cooter
Eastern Painted Turtle
Northern Water Snake
Brown Snake
Red-bellied Snake
Eastern Garter Snake
Eastern Ribbon Snake
Eastern Hognosed Snake
Ring-necked Snake
Black Racer
Eastern Milk Snake

BIRDS of Lakeville, MA

245 species

Sources: K. Anderson; W. Petersen; and K. Holmes

Red-throated Loon	<i>Gavia stellata</i>
Common Loon	<i>Gavia immer</i>
Pied-billed Grebe	<i>Podilymbus podiceps</i>
Horned Grebe	<i>Podiceps auritus</i>
Red-necked Grebe	<i>Podiceps grisegena</i>
Great Cormorant	<i>Phalacrocorax carbo</i>
Double-crested Cormorant	<i>Phalacrocorax auritus</i>
American Bittern	<i>Botaurus lentiginosus</i>
Least Bittern	<i>Icthyophaga exilis</i>
Great Blue Heron	<i>Ardea herodias</i>
Great Egret	<i>Ardea alba</i>
Snowy Egret	<i>Egretta thula</i>
Little Blue Heron	<i>Egretta caerulea</i>
Tricolored Heron	<i>Egretta tricolor</i>
Cattle Egret	<i>Bubulcus ibis</i>
Green Heron	<i>Butorides virescens</i>
Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>
Glossy Ibis	<i>Plegadis falcinellus</i>
Tundra Swan	<i>Cygnus columbianus</i>
Mute Swan	<i>Cygnus olor</i>
Snow Goose	<i>Chen caerulescens</i>
Canada Goose	<i>Branta canadensis</i>
Wood Duck	<i>Aix sponsa</i>
Green-winged Teal	<i>Anas crecca</i>
American Black Duck	<i>Anas rubripes</i>
Mallard	<i>Anas platyrhynchos</i>
Northern Pintail	<i>Anas acuta</i>
Blue-winged Teal	<i>Anas discors</i>
Northern Shoveler	<i>Anas clypeata</i>
Gadwall	<i>Anas strepera</i>
American Wigeon	<i>Anas americana</i>
Canvasback	<i>Aythya valisineria</i>
Redhead	<i>Aythya americana</i>

Ring-necked Duck	<i>Aythya collaris</i>
Tufted Duck	<i>Aythya fuligula</i>
Greater Scaup	<i>Aythya marila</i>
Lesser Scaup	<i>Aythya affinis</i>
Common Eider	<i>Somateria mollissima</i>
Oldsquaw	<i>Clangula hyemalis</i>
Black Scoter	<i>Melanitta nigra</i>
Surf Scoter	<i>Melanitta perspicillata</i>
White-winged Scoter	<i>Melanitta fusca</i>
Common Goldeneye	<i>Bucephala clangula</i>
Barrow's Goldeneye	<i>Bucephala islandica</i>
Bufflehead	<i>Bucephala albeola</i>
Hooded Merganser	<i>Lophodytes cucullatus</i>
Common Merganser	<i>Mergus merganser</i>
Red-breasted Merganser	<i>Mergus serrator</i>
Ruddy Duck	<i>Oxyura jamaicensis</i>
Turkey Vulture	<i>Cathartes aura</i>
Osprey	<i>Pandion haliaetus</i>
Bald Eagle	<i>Haliaeetus leucocephalus</i>
Northern Harrier	<i>Circus cyaneus</i>
Sharp-shinned Hawk	<i>Accipiter striatus</i>
Cooper's Hawk	<i>Accipiter cooperii</i>
Northern Goshawk	<i>Accipiter gentilis</i>
Red-shouldered Hawk	<i>Buteo lineatus</i>
Broad-winged Hawk	<i>Buteo platypterus</i>
Red-tailed Hawk	<i>Buteo jamaicensis</i>
Rough-legged Hawk	<i>Buteo lagopus</i>
Golden Eagle	<i>Aquila chrysaetos</i>
American Kestrel	<i>Falco sparverius</i>
Merlin	<i>Falco columbarius</i>
Peregrine Falcon	<i>Falco peregrinus</i>
Ring-necked Pheasant	<i>Phasianus colchicus</i> I
Ruffed Grouse	<i>Bonasa umbellus</i>
Wild Turkey	<i>Meleagris gallopavo</i>
Northern Bobwhite	<i>Colinus virginianus</i>
King Rail	<i>Rallus elegans</i>
Virginia Rail	<i>Rallus limicola</i>

Sora	<i>Porzana carolina</i>
American Coot	<i>Fulica americana</i>
Black-bellied Plover	<i>Pluvialis squatarola</i>
Lesser Golden-Plover	<i>Pluvialis dominica</i>
Semipalmated Plover	<i>Charadrius semipalmatus</i>
Killdeer	<i>Charadrius vociferus</i>
Greater Yellowlegs	<i>Tringa melanoleuca</i>
Lesser Yellowlegs	<i>Tringa flavipes</i>
Solitary Sandpiper	<i>Tringa solitaria</i>
Spotted Sandpiper	<i>Actitis macularia</i>
Semipalmated Sandpiper	<i>Calidris pusilla</i>
Western Sandpiper	<i>Calidris mauri</i>
Least Sandpiper	<i>Calidris minutilla</i>
White-rumped Sandpiper	<i>Calidris fuscicollis</i>
Baird's Sandpiper	<i>Calidris bairdi</i>
Pectoral Sandpiper	<i>Calidris melanotos</i>
Common Snipe	<i>Gallinago gallinago</i>
American Woodcock	<i>Scolopax minor</i>
Red Phalarope	<i>Phalaropus fulicarius</i>
Laughing Gull	<i>Larus atricilla</i>
Bonaparte's Gull	<i>Larus philadelphia</i>
Ring-billed Gull	<i>Larus delawarensis</i>
Herring Gull	<i>Larus argentatus</i>
Iceland Gull	<i>Larus glaucescens</i>
Glaucous Gull	<i>Larus hyperboreus</i>
Great Black-backed Gull	<i>Larus marinus</i>
Common Tern	<i>Sterna hirundo</i>
Forster's Tern	<i>Sterna forsteri</i>
Least Tern	<i>Sterna antillarum</i>
Sooty Tern	<i>Sterna fuscata</i>
Rock Dove	<i>Columba livia</i>
Mourning Dove	<i>Zenaidura macroura</i>
Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>
Eastern Screech-Owl	<i>Otus asio</i>
Great Horned Owl	<i>Bubo virginianus</i>
Snowy Owl	<i>Nyctea scandiaca</i>

Barned Owl	<i>Sirix varia</i>
Long-eared Owl	<i>Asio otus</i>
Short-eared Owl	<i>Asio flammeus</i>
Northern Saw-whet Owl	<i>Aegolius acadicus</i>
Common Nighthawk	<i>Chordeiles minor</i>
Whip-poor-will	<i>Caprimulgus vociferus</i>
Chimney Swift	<i>Chaetura pelagica</i>
Ruby-throated Hummingbird	<i>Archibachus colubris</i>
Belted Kingfisher	<i>Ceryle alcyon</i>
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>
Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>
Downy Woodpecker	<i>Picoides pubescens</i>
Hairy Woodpecker	<i>Picoides villosus</i>
Northern Flicker	<i>Colaptes auratus</i>
Pileated Woodpecker	<i>Dryocopus pileatus</i>
Olive-sided Flycatcher	<i>Contopus cooperi</i>
Eastern Wood-Pewee	<i>Contopus virens</i>
Yellow-bellied Flycatcher	<i>Empidonax flaviventris</i>
Alder Flycatcher	<i>Empidonax alnorum</i>
Willow Flycatcher	<i>Empidonax traillii</i>
Least Flycatcher	<i>Empidonax minimus</i>
Eastern Phoebe	<i>Sayornis phoebe</i>
Great Crested Flycatcher	<i>Myiarchus cinerascens</i>
Eastern Kingbird	<i>Tyrannus tyrannus</i>
Horned Lark	<i>Eremophila alpestris</i>
Purple Martin	<i>Progne subis</i>
Tree Swallow	<i>Tachycineta bicolor</i>
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>
Bank Swallow	<i>Irpia riparia</i>
Cliff Swallow	<i>Petrochelidon pyrrhonota</i>
Barn Swallow	<i>Hirundo rustica</i>
Blue Jay	<i>Cyanocitta cristata</i>
American Crow	<i>Corvus brachyrhynchos</i>
Fish Crow	<i>Corvus ossifragus</i>
Black-capped Chickadee	<i>Parus atricapillus</i>
Boreal Chickadee	<i>Parus hudsonicus</i>

Tufted Titmouse	<i>Baeolophus bicolor</i>
Red-breasted Nuthatch	<i>Sitta canadensis</i>
White-breasted Nuthatch	<i>Sitta carolinensis</i>
Brown Creeper	<i>Certhia americana</i>
Carolina Wren	<i>Thryothorus ludovicianus</i>
House Wren	<i>Troglodytes aedon</i>
Winter Wren	<i>Troglodytes troglodytes</i>
Marsh Wren	<i>Cistothorus palustris</i>
Golden-crowned Kinglet	<i>Regulus satrapa</i>
Ruby-crowned Kinglet	<i>Regulus calendula</i>
Blue-gray Gnatcatcher	<i>Polioptila caerulea</i>
Eastern Bluebird	<i>Sialia sialis</i>
Veery	<i>Catherus fuscescens</i>
Gray-cheeked Thrush	<i>Catherus minimus</i>
Swinson's Thrush	<i>Catherus umbellus</i>
Hermit Thrush	<i>Catherus guttatus</i>
Wood Thrush	<i>Catherus mexicanus</i>
American Robin	<i>Turdus migratorius</i>
Gray Catbird	<i>Dumetella carolinensis</i>
Northern Mockingbird	<i>Mimus polyglottus</i>
Brown Thrasher	<i>Toxostoma rufum</i>
Water Pipit	<i>Ardurus spinalella</i>
Cedar Waxwing	<i>Bombycilla cedrorum</i>
Northern Shrike	<i>Lanius excubitor</i>
European Starling	<i>Sturnus vulgaris</i>
White-eyed Vireo	<i>Vireo griseus</i>
Solitary Vireo	<i>Vireo solitarius</i>
Yellow-throated Vireo	<i>Vireo flavifrons</i>
Warbling Vireo	<i>Vireo gilvus</i>
Philadelphia Vireo	<i>Vireo philadelphicus</i>
Red-eyed Vireo	<i>Vireo olivaceus</i>
Blue-winged Warbler	<i>Vermivora pinus</i>
Tennessee Warbler	<i>Vermivora peregrina</i>
Orange-crowned Warbler	<i>Vermivora celata</i>
Nashville Warbler	<i>Vermivora ruficapilla</i>
Northern Parula	<i>Parula americana</i>
Yellow Warbler	<i>Dendroica petfectia</i>

Chestnut-sided Warbler	<i>Dendroica penusylvanica</i>
Magnolia Warbler	<i>Dendroica magnolia</i>
Cape May Warbler	<i>Dendroica tigrina</i>
Black-throated Blue Warbler	<i>Dendroica caerulescens</i>
Yellow-rumped Warbler	<i>Dendroica coronata</i>
Black-throated Green Warbler	<i>Dendroica virens</i>
Blackburnian Warbler	<i>Dendroica fusca</i>
Pine Warbler	<i>Dendroica pinus</i>
Prairie Warbler	<i>Dendroica discolor</i>
Palm Warbler	<i>Dendroica palmarum</i>
Bay-breasted Warbler	<i>Dendroica castanea</i>
Blackpoll Warbler	<i>Dendroica striata</i>
Black-and-white Warbler	<i>Mniotilta varia</i>
American Redstart	<i>Setophaga ruticilla</i>
Worm-eating Warbler	<i>Helmitheros vermivorus</i>
Ovenbird	<i>Seiurus aurocapillus</i>
Northern Waterthrush	<i>Seiurus noveboracensis</i>
Louisiana Waterthrush	<i>Seiurus motacilla</i>
Connecticut Warbler	<i>Oporornis agilis</i>
Mourning Warbler	<i>Oporornis philadelphia</i>
Common Yellowthroat	<i>Geothlypis trichas</i>
Hooded Warbler	<i>Wilsonia citrina</i>
Wilson's Warbler	<i>Wilsonia pusilla</i>
Canada Warbler	<i>Wilsonia canadensis</i>
Yellow-breasted Chat	<i>Icteria virens</i>
Scarlet Tanager	<i>Piranga olivacea</i>
Northern Cardinal	<i>Cardinalis cardinalis</i>
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>
Indigo Bunting	<i>Passerina cyanea</i>
Rufous-sided Towhee	<i>Pipilo erythrophthalmus</i>
American Tree Sparrow	<i>Spizella arborea</i>
Chipping Sparrow	<i>Spizella passerina</i>
Clay-colored Sparrow	<i>Spizella pallida</i>
Field Sparrow	<i>Spizella pusilla</i>

Vesper Sparrow	<i>Poocetes gramineus</i>
Savannah Sparrow	<i>Passerculus sandwichensis</i>
Grasshopper Sparrow	<i>Ammodramus aevannarum</i>
Fox Sparrow	<i>Passerella iliaca</i>
Song Sparrow	<i>Melospiza melodia</i>
Lincoln's Sparrow	<i>Melospiza lincolni</i>
Swamp Sparrow	<i>Melospiza georgiana</i>
White-throated Sparrow	<i>Zonotrichia albicollis</i>
White-crowned Sparrow	<i>Zonotrichia leucophrys</i>
Dark-eyed Junco	<i>Junco hyemalis</i>
Lapland Longspur	<i>Calcarius lapponicus</i>
Snow Bunting	<i>Plectrophenax nivalis</i>
Bobolink	<i>Dolichonyx oryzivorus</i>
Red-winged Blackbird	<i>Agelaius phoeniceus</i>
Eastern Meadowlark	<i>Sturnella magna</i>
Rusty Blackbird	<i>Euphagus carolinus</i>
Common Grackle	<i>Quiscalus quiscula</i>
Brown-headed Cowbird	<i>Molothrus ater</i>
Orchard Oriole	<i>Icterus spurius</i>
Northern Oriole	<i>Icterus galbula</i>
Pine Grosbeak	<i>Pinicola enucleator</i>
Purple Finch	<i>Carpodacus purpureus</i>
House Finch	<i>Carpodacus mexicanus</i>
Red Crossbill	<i>Loxia curvirostra</i>
White-winged Crossbill	<i>Loxia leucoptera</i>
Common Redpoll	<i>Carduelis flammea</i>
Pine Siskin	<i>Carduelis pinus</i>
American Goldfinch	<i>Carduelis tristis</i>
Evening Grosbeak	<i>Coccothraustes vespertina</i>
House Sparrow	<i>Passer domesticus</i>

MAMMALS of Lakeville, MA

34 species

Source: K. Holmes; L. Anderson; and MA DFW records

Virginia Opossum

Masked Shrew

Short-tailed Shrew

Eastern Mole
Star-nosed Mole
Little Brown Myotis Bat
Silver-haired Bat
Eastern Pipistrelle Bat
Big Brown Bat
Red Bat
Eastern Cottontail
New England Cottontail (1972 record)
Eastern Chipmunk
Woodchuck
Gray Squirrel
Red Squirrel
Southern Flying Squirrel
White-footed Mouse
Meadow Vole
Pine Vole
Muskrat
Norway Rat
House Mouse
Meadow Jumping Mouse
Coyote
Red Fox
Gray Fox
Raccoon
Shorttail Weasel
Longtail Weasel
Mink
Striped Skunk
River Otter
White-tailed Deer
Fisher

APPENDIX J2

Cemeteries in the Town Of Lakeville

Name	Location/vicinity	Ownership ¹
1. Booth #1	County Street near 167	
2. Booth #2	County Street near 174	Town of Lakeville
3. Canedy	Highland Road near 97	Town of Lakeville
4. Clark	Bedford Street near 457	Town of Lakeville
5. Douglas Yard	Highland Road in woods near 49	
6. Hafford	near 177 County Street	Town of Lakeville
7. Haskell	Bedford St near Rochester line	
8. Haskins	Rhode Island Road near Southworth	
9. Horr	Bedford Street near 457	Town of Lakeville
10. Howland	Howland Road near 74	Town of Lakeville
11. Indian Shore	off Betty's Neck Road	Town of Lakeville
12. Keith	County Road near Peirce Ave.	Town of Lakeville
13. Lang Street/Peirce	off County Road on Lang St.	Town of Lakeville
14. Malbone	Malbone Street & Emerson Drive	Town of Lakeville
15. McCully	Highland Road near Rte. 140	Town of Lakeville
16. Mullein Hill	Highland Road near 86	Private
17. Pickens #1	Pickens Street near Virginia Dr.	Town of Lakeville
18. Pickens #2	Vigers Conservation Area off Pickens	Town of Lakeville
19. Pierce/Haskins/Allen	accessed of Adams Lane in Berkley	Town of Lakeville
20. Pond	Bedford Street south of Highland Rd.	Town of Lakeville
21. Precinct	Rhode Island Road near golf course	Town of Lakeville
22. Race Course Road	Race Course Road near 12	
23. Reynolds	County Street near 184	
24. Richmond	Taunton Street at Cross Street	Town of Lakeville
25. Royal Wampanoag	Bedford Street near Rochester line	
26. Sampson	Bedford Street near Old Town Hall	Private
27. Small Pox/Enoch Davis Lot	County Street	
28. Strobridge	Kingman Street near 60	Town of Lakeville
29. Thompson Hill	Rhode Island Road near golf course	Town of Lakeville
30. Ward	off 45 Crooked Lane	Town of Lakeville

¹ Ownership information listed here has been taken from Lakeville, Massachusetts Gravestone Inscriptions 1711 - 2003 by Jean A. Douillette and is based on information she obtained from the Lakeville Assessors Office. Deed research needs to be done to confirm that the cemeteries listed as being owned by the Town of Lakeville are actually owned by the Town. Town Meeting voted on March 3, 1969 and again on March 2, 1970 to authorize the Selectmen to take (certain cemeteries) by eminent domain, or acquire by purchase, gift or otherwise, title to certain land in said town used, or formerly used as private cemeteries. List of cemeteries varies slightly from one vote to the next. The process of taking ownership of the cemeteries was not completed. Except for Sampson and Mullein Hill Cemeteries, which are privately owned and maintained, ownership of most of the remaining cemeteries listed is unclear, although the Town of Lakeville maintains for them.



United South and Eastern Tribes, Inc.
711 Stewarts Ferry Pike • Suite 100 • Nashville, TN 37214
(P): 615-872-7900 • (F): 615-872-7417

USET Resolution No. 2009:057

PARTNERSHIPS TO PRESERVE SACRED CEREMONIAL LANDSCAPES

- WHEREAS,** United South and Eastern Tribes Incorporated (USET) is an intertribal organization comprised of twenty-five (25) federally recognized Tribes; and
- WHEREAS,** the actions taken by the USET Board of Directors officially represent the intentions of each member Tribe, as the Board of Directors comprises delegates from the member Tribes' leadership; and
- WHEREAS,** USET Resolution 2003:022 on October 31, 2002 acknowledged an initial eight (8) town "sacred landscape which is of particular cultural value to certain USET member Tribes;" and
- WHEREAS,** for thousands of years before the immigration of Europeans, the Pau Waus and medicine people of today's New England region used sacred ceremonial landscapes to sustain the people's reliance on Mother Earth and the spirit energies of balance and harmony; and
- WHEREAS,** the properties which comprise these sacred landscapes are threatened by the encroachments of imminent development; and
- WHEREAS,** these sacred sites of our past ceremonial practices are no longer hidden by their remote locations, but many now stand in desirable development land without local ordinances to protect them; and
- WHEREAS,** since 2002, Tribal preservation authorities and non-Tribal field researchers have, now, documented the presence of ceremonial landscape locales from the Atlantic coast states to states beyond the Mississippi River; and
- WHEREAS,** on December 11, 2008, the Keeper of the National Register signed a Determination of Eligibility for the Turners Falls Sacred Ceremonial Hill Site; and
- WHEREAS,** this sacred ceremonial landscape, which features ceremonial stone structures, is the first in the eastern United States to be officially affirmed and determined eligible; and
- WHEREAS,** in order to protect all these sacred ceremonial landscapes from desecrations and destruction by blind development or wanton vandalism, local and regional preservation partnerships should be fostered to encourage the crafting and implementation of local and regional protective ordinances and preservation accords; therefore, be it
- RESOLVED** the USET Board of Directors supports those member Tribes who wish to partner with individual landholders, agencies, towns, counties, and states that have stewardship of these properties, in order to create historic preservation initiatives that will support the permanent protection of such sacred landscapes.

CERTIFICATION

This resolution was duly passed at the USET Annual Meeting, at which a quorum was present, in Hollywood, FL, on Thursday, October 29, 2009.

Brian Patterson, President
United South and Eastern Tribes, Inc.

Robert McGhee, Secretary
United South and Eastern Tribes, Inc.

Massachusetts Cultural Resource Information System

M A C R I S

Inv. No.	Property Name	Street	Town	Year	Local Comments*
LAK B	Lakeville State Sanatorium		Lakeville		Area Form IAHG
LAK E	Crooked Lane - Old Main Street Arm		Lakeville		Heritage Landscape form
LAK F	Assunwopquet Farm Complex		Lakeville		Heritage Landscape form
LAK C	Camp Joe Hooker		Lakeville		Area Form Local
LAK A	Trick Farming Neighborhood		Lakeville		Area Form Local
LAK G	Beethoven		Lakeville		Area Form Local
LAK D	Assonet Cedar Swamp		Lakeville		Heritage Landscape form
	Nemadot River				Heritage Landscape-Not on file at MHC
LAK 05	Fulter House - Hill Top Farm		Lakeville	1870	Local form see LAK 08 Hill Top Farm (Highland Rd.
LAK 07	Hill Top Farm	2 Apponaug Dr	Lakeville	1780	Local form see LAK 08 Hill Top Farm (Highland Rd.
LAK 0	Lakeville Public Library	Bedford St	Lakeville	1814	Local form
LAK 804	Pond Cemetery	Bedford St	Lakeville	1724	Local and Assunwopquet Heritage Farm
LAK 10	Lakeville Town Hall	Bedford St	Lakeville	1885	Local and Federal form - National Register Site
LAK 11	Touhon Pumping Station	Bedford St	Lakeville	1894	Local and Assunwopquet Heritage Farm
LAK 126	Lakeville Town Hall Pkwy	Bedford St	Lakeville	1857	Local form
LAK 805	Truon Pumping Station Brewhouse and Screen Hse	Bedford St	Lakeville	1894	Site Assunwopquet Heritage Landscape form
LAK 806	Bedford Street Bridge over R.V. and R.H. Railroad	Bedford St	Lakeville	1894	State form
LAK 84	Old Pond Meeting House Marlar	Bedford St	Lakeville	1894	State form
LAK 84	Leonard Zedion House	25 Bedford St	Lakeville	1910	Local form
LAK 79	Jedion House	30 Bedford St	Lakeville	1780	Local form also known as Fair-Leonard Hse
LAK 80	Harris, Frank E. Jr. House	32 Bedford St	Lakeville	1894	No form on file
LAK 81	Harris, Frank E. Jr. Garage	32 Bedford St	Lakeville	1890	No form on file
LAK 9	Barnes, Jonathan and George House	66 Bedford St	Lakeville	1890	No form on file
LAK 127	Harris, Andrew House	148 Bedford St	Lakeville	1890	Local form
LAK 116	U. S. Post Office - Lakeville Station Branch	157 Bedford St	Lakeville	1879	Local form see Lakeville Post Office
LAK 117	Lakeville Station Railroad Depot	162 Bedford St	Lakeville	1879	Local form
LAK 57	Cornwall, Elsie House	202 Bedford St	Lakeville	1820	Local form also known as Vail Place
LAK 5	Bishop, Oswald - Nelson, Thomas House	345 Bedford St	Lakeville	1800	Local form address 391 Bedford St
LAK 26	Kirgman, Cath House	345 Bedford St	Lakeville	1845	DEMOLISHED IN 2002 Local form
LAK 85	Stumpen, Ulrich House	394 Bedford St	Lakeville	1834	Also known as Thumwald Inn - DEMOLISHED

LAK22	Nelson, Thomas House	401 Bedford St	Lakeville	1717 Local farm
LAK61	Cudworth, Capt. Eliza House	412 Bedford St	Lakeville	1860 No farm on file
LAK19	Nelson, Samuel and William House	416 Bedford St	Lakeville	1800 Local farm
LAK36	Mosnier, Joseph House	433 Bedford St	Lakeville	1760 DEMOLISHED also known as the Tobey House
LAK4	Grove Chapel Congregational Church - Union Grove	442 Bedford St	Lakeville	1875 Local farm
LAK45	Hart, Jed - Spooner, Thomas House	466 Bedford St	Lakeville	1835 Local farm
LAK40	Clark, Noah - Nye, Loren House	472 Bedford St	Lakeville	1821 Local farm
LAK41	Plimney, Jonathan - Harvey, Oliver House	481 Bedford St	Lakeville	1805 DEMOLISHED also known as the Harvey House
LAK110	Petrie, Thomas Jr. - Clark, Ezra House	24 Clark Rd	Lakeville	1744 Local farm
LAK911	Woodland Path, The - Dolan Rd	Dolan Rd	Lakeville	1715 see Rescheduled Aerial farm
LAK816	Pierze Cemetery	County Rd	Lakeville	unknown - no farm on file-see Lang St Cemetery
LAK64	Hazard - White House	12 County Rd	Lakeville	1830 Local farm
LAK50	Parits, Moses House	County St	Lakeville	1866 DEMOLISHED Local farm
LAK14	Carnes, Alexander House	33-40 County St	Lakeville	1815 Local farm - actual address 140 County Street
LAK15	South Lakeville School	119 County St	Lakeville	1925 Local farm
LAK922	Beehaut, John Twin Sides	141 County St	Lakeville	1955 Local farm
LAK16	Sampson Tavern	161 County St	Lakeville	1830 Local farm
LAK24	Hartford, Samuel House	177 County St	Lakeville	1724 Local farm
LAK802	Hartford Cemetery	Crooked Ln	Lakeville	1799 Local farm
LAK923	Bump - White Farmland	Crooked Ln	Lakeville	1820 see Crooked Lander Rd. Heritage Landscape
LAK110	Bump - White Farm Hay Barn	Crooked Ln	Lakeville	1900 see Crooked Lander Rd. Heritage Landscape
LAK111	Bump - White Farm Bank Barn	Crooked Ln	Lakeville	1880 see Crooked Lander Rd. Heritage Landscape
LAK103	Ward, George Carriage House	Crooked Ln	Lakeville	1865 see Crooked Lander Rd. Heritage Landscape
LAK108	White Farm Open Garage	Crooked Ln	Lakeville	1920 see Crooked Lander Rd. Heritage Landscape
LAK100	White Farm Milk House	Crooked Ln	Lakeville	1920 see Crooked Lander Rd. Heritage Landscape
LAK107	White Farm Cow Barn	Crooked Ln	Lakeville	1920 see Crooked Lander Rd. Heritage Landscape
LAK106	White Farm Milk House	Crooked Ln	Lakeville	1920 see Crooked Lander Rd. Heritage Landscape
LAK104	Bump - White Farm Hay and Cattle Barn	Crooked Ln	Lakeville	1900 see Crooked Lander Rd. Heritage Landscape
LAK112	Bump - White Farm Carriage Shed	Crooked Ln	Lakeville	1880 see Crooked Lander Rd. Heritage Landscape
LAK910	Crooked Lane - Old Main Street	Crooked Ln	Lakeville	1720 see Crooked Lander Rd. Heritage Landscape
LAK919	Ward, George House Driveway Entrance Piers	Crooked Ln	Lakeville	1865 see Crooked Lander Rd. Heritage Landscape
LAK2	Bump, Jonathan House	32 Crooked Ln	Lakeville	1820 Local farm
LAK119	Washburn, Salmon M. House	2 Freedom St	Lakeville	1838 Local farm
LAK120	Bishop, Dender - Staples, George House	6 Freedom St	Lakeville	1835 Local farm
LAK121	Washburn, Asa - Baker, Marous House	8 Freedom St	Lakeville	1825 Local farm
LAK926	Lakeville-Rochester Boundary Stone	Great Island	Lakeville	1830 NAHC Farm - Met on file
LAK74	Helz Farm Barn	5 Harding St	Lakeville	1920 No farm on file
LAK73	Helz Farm Tractor Shed	5 Harding St	Lakeville	1920 No farm on file
LAK76	Helz Farm Greenhouse #2	5 Harding St	Lakeville	1900 No farm on file
LAK72	Helz Milk Farm	5 Harding St	Lakeville	1920 No farm on file
LAK77	Helz Farm Shed	5 Harding St	Lakeville	1920 No farm on file
LAK75	Helz Farm Greenhouse #1	5 Harding St	Lakeville	1900 No farm on file
LAK925	Sellers' Home Tower	Heritage Hill Rd	Lakeville	1882 Local farm
LAK13	Carnes, Zephania Leonard House	141 Highland Ave	Lakeville	1820 Local farm - actual address 141 County Street

LAK122	Nelson, Sidney T. House	1 Highland Rd	Lakeville	1879	Unred	Tim	
LAK71	Fisher, Nathaniel - Sampson, Ebenezer House	2 Highland Rd	Lakeville	1775	Unred	Tim	
LAK58	Fisher, Ebenezer House	6 Highland Rd	Lakeville	1787	Unred	Tim	
LAK68	Hill Top Farm	9 Highland Rd	Lakeville	1902	Unred	Tim	
LAK46	Stearns, Abner's House	22 Highland Rd	Lakeville	1814	Unred	Tim	
LAK123	Blaggs, Sime House	38 Highland Rd	Lakeville	1815	Unred	Tim	
LAK29	Hinds, Sumner - Hinds, Stephen V. House	47 Highland Rd	Lakeville	1876	Unred	Tim	
LAK124	Smith, Capt. Joshua - McCully, Ezra House	60 Highland Rd	Lakeville	1794	Unred	Tim	
LAK125	Robbins House	69 Highland Rd	Lakeville	1910	Unred	Tim	
LAK30	McCully, Ezra House	72 Highland Rd	Lakeville	1823	Unred	Tim	
LAK126	Barber, Joseph - Ashley, Luther House	83 Highland Rd	Lakeville	1809	Unred	Tim	
LAK17	Lakeville Christian Baptist Church	85 Highland Rd	Lakeville	1842	Unred	Tim	
LAK69	Peters, Sime House	12 Hill St	Lakeville	1831	Unred	Tim	
LAK916	Howland Road Bridge over Canal	Howland Rd	Lakeville	1893	State	Tim	
LAK816	Howland Cemetery	Howland Rd	Lakeville	1820	See Assumed Cedar Swamp Heritage Landscape		
LAK910	Howland Road Bridge over Howland Brook	Howland Rd	Lakeville	1893	MHC	Tim	
LAK32	Howland, Enoch - Stearns, Earl House	83 Howland Rd	Lakeville	1750	Unred	Tim	Howland Road Over Swamp Heritage Landscape
LAK53	Ashley, Noah House	134 Howland Rd	Lakeville	1750	Unred	Tim	
LAK818	Sherlock Cemetery	Kingsman St	Lakeville	1833	Unred	Tim	
LAK59	Sherlock Cemetery	69 Kingsman St	Lakeville	1775	DEBOLISHIED - Local	Tim	
LAK819	Lang Street Cemetery - Pierce Cemetery	Lang St	Lakeville	1750	Assumed Cedar Swamp/Deciduous Forests		
LAK115	Long Point Road Scram House and Gate House	Long Point Rd	Lakeville	1889	Assumed Cedar Swamp Heritage Landscape	Tim	
LAK114	Edson, William Sime House	Long Point Rd	Lakeville	1914	Assumed Cedar Swamp Heritage Landscape	Tim	
LAK55	Cushman, Robert House	7 Main St	Lakeville	1775	Unred	Tim	
LAK65	Hess, Maj. Peter House	64 Main St	Lakeville	1750	Unred	Tim	
LAK36	Pearce, Capt. John H. House	65 Main St	Lakeville	1873	Unred	Tim	
LAK25	Saulsberry, Seth - Stearns, Francis House	71 Main St	Lakeville	1830	Unred	Tim	
LAK44	Hackett, Peleg House	73 Main St	Lakeville	1871	Unred	Tim	
LAK43	Lakeville District #3 Upper Four Corners School	81 Main St	Lakeville	1853	Unred	Tim	
LAK51	Cornwall, J. Archer House	102 Main St	Lakeville	1820	Unred	Tim	
LAK1	Staples, Capt. Nathaniel House	129 Main St	Lakeville	1834	Unred	Tim	
LAK5	Wheeler Hill	134 Main St	Lakeville	1885	Unred	Tim	
LAK56	Cushman, Elisha House	145 Main St	Lakeville	1870	Unred	Tim	
LAK54	Peterson, Capt. Jos House and Farm	150 Main St	Lakeville	1870	Unred	Tim	
LAK113	Edson Farm	202 Main St	Lakeville	1870	Unred	Tim	
LAK807	Madame Cemetery	Madame St	Lakeville	1880	See Deciduous Forest State St. Heritage Landscape		
LAK93	Pierce - Headins House	Madame St near Mt Adams Ln, Bentley	Lakeville	1780	See Assumed Cedar Swamp Heritage Landscape		
LAK94	Reynolds Farm	11 Main St	Lakeville	1755	DRAFT Local	Tim	
LAK28	Little, Ephraim - Williams, George House	33 Myrick St	Lakeville	1705	Unred	Tim	
LAK70	Williams, Elisha House	49 Myrick St	Lakeville	1820	Unred	Tim	
LAK912	Poor Farm Bridge - Adams House Bridge	Dad Bridge St	Lakeville	1910	See Memorial River Heritage Landscape	Tim	
LAK914	Unimproved Portion of Old Main Street	Dad Main St	Lakeville	1800	Local	Tim	
LAK913	Old Main Street Stone Bridge	Dad Main St	Lakeville	1835	Unred	Tim	

LAK7	Sampson, Isaac House	58 Old Main St	Lakeville	1835	Local Farm
LAK18	Sampson, Dr. John House	215 Old Main St	Lakeville	1800	Local Farm
LAK33	Nelson, William and Des. Annas House	2 Old Main Rd	Lakeville	1762	Living address - Actual address Redundant & DELETED
LAK90B	Parish Bridge	Parish Ln	Lakeville	1770	Local Farm
LAK917	Baptistal Priort	Pierce Ave	Lakeville	1765	Assonet Cedar Swamp/Beechwood Farms
LAK924	Elcanahs Bridge	Pierce Ave	Lakeville	1765	Assonet Cedar Swamp/Beechwood Farms
LAK916	Logging Road Cemetery	Pierce Ave	Lakeville	1780	Assonet Cedar Swamp/Beechwood Farms
LAK915	Quarry Road	Pierce Ave	Lakeville	1875	Assonet Cedar Swamp/Beechwood Farms
LAK914	Horse Block	Pierce Ave	Lakeville	1875	Assonet Cedar Swamp/Beechwood Farms
LAK913	Graville Quarry	Pierce Ave	Lakeville	1730	Assonet Cedar Swamp/Beechwood Farms
LAK80B	Shaples - Smiths Cemetery	Pierce Ave	Lakeville	1730	Assonet Cedar Swamp/Beechwood Farms
LAK95	Pierce, A. House	Pierce Ave	Lakeville	1820	Assonet Cedar Swamp/Beechwood Farms
LAK20	Pierce, Herman and Philip House	8 Pierce Ave	Lakeville	1792	Local Farm
LAK96	Pierce, Levi House	22 Pierce Ave	Lakeville	1826	Local Farm
LAK97	Pierce, Erns House	44 Pierce Ave	Lakeville	1835	Assonet Cedar Swamp/Beechwood Farms
LAK912	Balancing Stone	48 Pierce Ave	Lakeville	Local Farm	
LAK98	Beechwoods School House	71 Pierce Ave	Lakeville	1820	Assonet Cedar Swamp/Beechwood Farms
LAK99	Harad House	71 Pierce Ave	Lakeville	1850	Local Farm
LAK100	Peterson, Oliver House	85 Pierce Ave	Lakeville	1810	Local Farm
LAK101	Windsor, Jirah House	105 Pierce Ave	Lakeville	1826	Local Farm
LAK102	Windsor Estate Annex House	114 Pierce Ave	Lakeville	1830	Local Farm
LAK12	Allen, Sammed House	251 Pierce Ave	Lakeville	1765	Local Farm actual address 58 Pierce Avenue
LAK900	Williams, Ted Baseball Training Camp	Piedmont St	Lakeville	1923	Local Farm
LAK901	Madisonrough - Taurion Boundary Marker	Piedmont St	Lakeville	1853	Local Farm
LAK21	Lakeville United Church of Christ	1 Piedmont St	Lakeville	1835	Local Farm
LAK27	Smith, Job House	15 Piedmont St	Lakeville	1800	Local Farm
LAK800	Thompson Hill Cemetery	Rhode Island Rd	Lakeville	1711	Local Farm
LAK60	Reed, L. House	140 Rhode Island Rd	Lakeville	1830	Local Farm
LAK921	Route 105 South	Rd 105 South	Lakeville	Assonet Cedar Swamp/Beechwood Farms	
LAK801	Royal Wampanoag Cemetery	Rte 105	Lakeville	1794	Local Farm - National Register Site
LAK62	Kinsley, Uriah House	12 Southworth St	Lakeville	1816	Local Farm
LAK9	Sprad, James Carlton House	43 Sticksen St	Lakeville	1712	Local Farm
LAK52	McCully - Ashley House	2 Susan Ln	Lakeville	1760	Local Farm
LAK78	Young, Jonathan S. House	1 Taurion St	Lakeville	1935	No Farm on the
LAK82	Victorian Exotic Dressing House	3 Taurion St	Lakeville	1910	No Farm on the
LAK83	Hambly, Charles B. House	4 Taurion St	Lakeville	1929	No Farm on the
LAK84	Single Family House	5 Taurion St	Lakeville	1910	No Farm on the
LAK85	Pierce, Rosbury B. House	6 Taurion St	Lakeville	1910	No Farm on the
LAK86	Elms House	7 Taurion St	Lakeville	1820	No Farm on the
LAK86	White, Henry C. House	8 Taurion St	Lakeville	1870	No Farm on the
LAK87	Shaw, Manuel House	10 Taurion St	Lakeville	1941	No Farm on the
LAK89	Babine, William A. House	11 Taurion St	Lakeville	1910	No Farm on the
LAK90	Elbridge, S. - Holloway, George H. House	12 Taurion St	Lakeville	1870	No Farm on the

LAK39	Leonard, James House	14 Taurion St	Lakeville	1835 Mc Farm on the
LAK91	Wheal, Maurice House	15 Taurion St	Lakeville	1910 Mc Farm on the
LAK92	Union Chapel	19 Taurion St	Lakeville	1876 Mc Farm on the
LAK23	North Lakeville School	49 Taurion St	Lakeville	1915 Lined Farm
LAK31	Richmond, John House	52 Taurion St	Lakeville	1725 Lined Farm - actual address 52 Taurion St.
LAK35	Leonard, Elizabeth M House	501 Taurion St	Lakeville	1780 Lined Farm - actual address 410 Taurion St.
LAK97	Vaughan Street Bridge over Menemshaet River	Vaughan St	Lakeville	1900 Scale Farm
LAK47	Southworth, Gibson Jr. - Richmond, Benjamin House	60 Vaughn St	Lakeville	1800 Lined Farm
LAK49	Southworth, Capt. Nathaniel House	65 Vaughn St	Lakeville	1811 Lined Farm
LAK42	Pierce, Capt. Jed House	76 Vaughn St	Lakeville	1850 Lined Farm
LAK48	Marion, Caleb House - Riverside Farm	88 Vaughn St	Lakeville	1815 Lined Farm

*Comments have been added by the Lakeville Open Space Committee and are not part of the LAK488 Document downloaded from the Massachusetts Historical Commission web site.

The Assawampset Pond Complex (APC)



Including Betty's Neck



No fees are charged for access. We encourage you to support and respect the rules and regulations of the APC.

Hours: Dawn to Dusk

INTRODUCTION

Betty's Neck is the heart of the Assawampset Pond Complex (APC). Here you will find the Visitors Center located on the Peach Island, where educational programs are offered year round to people of all ages.

The purchase of Betty's Neck, through the Massachusetts Department of Environmental Protection's Aquifer Land Acquisition Grant Program and the resulting Conservation Easements (CREs), ensure the permanent protection of these pristine water resources. Now, for the first time in 100 years, specified portions of the APC are open to the public.

The APC's surrounding watershed acts as a protective buffer for Taunton and New Bedford water supply resources, the source of municipal water for both cities as well as several surrounding communities. The APC covers about 4,000 acres in Lakeville, Middleborough, Rochester and Freetown. This land is predominantly owned in fee by Lakeville, New Bedford and Taunton. Access to APC watershed land was restricted for over a century to ensure water quality.

The Massachusetts Executive Office of Environmental Affairs (EOEA), the Massachusetts Department of Fisheries, Wildlife and Environmental Law Enforcement (DFWLE), the Massachusetts Department of Conservation and Recreation (DC&R), Middleborough, Lakeville, New Bedford and Taunton have worked collaboratively to draft CREs to protect the drinking water supply and other natural resources while allowing for, and managing public access to the municipally owned land within the Assawampset Pond Complex.

HISTORY

The APC is unparalleled in its cultural and historical significance with nearly 12,000 years of recorded Native American habitation. The 1700's saw a gradual integration of the native and colonial inhabitants. In 1793, eight Native families still resided at Betty's Neck, making Betty's Neck one of the few remaining Native communities in the State.

The substantial quantities of iron ore discovered on the bottom of the ponds led to a thriving iron works industry during the mid-colonial period, until Middleborough claimed the ore.

By the late 19th century, the shores of the Great Ponds had developed into a summer resort with stately mansions, inns and guesthouses. One could travel from Boston by train, steamboat up the Nemaquid River from Middleborough, and enjoy the beauty of the ponds. There you could disembark to take refreshments at one of the restaurants lining the shore, watch the sail boat races, or take a moonlight excursion to a dance pavilion.

Nineteen ninety three heralded the return of a nesting pair of American Bald Eagles to Assawampset Pond for the first time in 85 years. This diverse area is the perfect habitat for the eagle. Protection of the APC will ensure a future for the American Bald Eagle.



APC OBJECTIVES

The overriding purpose of the APC is to protect and improve public water supply resources, yet allow for public access and recreation that are consistent with water supply protection.

- Objectives include:
- Maintaining and improving a high quality public water supply.
 - Protecting and managing the natural resources of the APC.
 - Providing safe, enjoyable and diverse outdoor recreational opportunities for visitors with varying abilities.
 - Focusing on passive activities that are compatible with watershed protection.
 - Educating the public about the need to protect the watershed while enjoying the APC.
 - Protecting biodiversity within the APC.
 - Monitoring use and enforcing the management plan.



The APC objectives are geared towards the preservation and enhancement of sustainable habitats for native species, as well as the protection of natural communities, whether common or rare. Activities that are related to biodiversity protection also promote water quality and quantity.

RARE SPECIES KNOWN TO INHABIT THE ASSAWAMPSET POND COMPLEX:

American Bald Eagle	E, FT
American Least Tern	SC
Black Duck	SC
Blue Jay	SC
Eastern Pond Murrelet	SC
Least Tern	E, FT
Northern Red bellied Cooter	E, FT
Pennsylvanian Noddy	SC
Plymouth Gentian	SC
Subarctic Noddy	SC

IL - Federally listed as Endangered

E - State listed as Endangered

FT - Federally listed as Threatened

SC - State listed as Special Concern



Massachusetts designates over 440 plants and animals as rare and worthy of protection just because they exist. However, these species are an even more valuable indication of a healthy, intact, complex, well functioning ecosystem. Biodiversity is the culture array of plants, animals, fungi, microbes - all of life taken together - upon which we all depend. This biodiversity is threatened by human impacts. Protecting the rare species of Massachusetts and their habitats - the ponds, mountains, and forests where they live - helps ensure the biodiversity of the Commonwealth.

RESEARCH & EDUCATIONAL
FOUNDATION

• **•**

- [illegible]

Special Printing:

1. *Journal of Management Education*, 2000, 24(1), 10-19.
 2. *Journal of Management Education*, 2000, 24(1), 10-19.
 3. *Journal of Management Education*, 2000, 24(1), 10-19.

For more information, contact:
 Director, The Pew Charitable
 Trusts, 1000 Pennsylvania Avenue, N.W., 20037

Age Group	Percent
18-24	10
25-34	25
35-44	20
45-54	15
55-64	10
65-74	5
75-84	2
85-94	1
95+	1

- Students have an opportunity to participate in a presentation at the conference.
- <http://www.amsi.org.au>
- Contact Ms Angela Griffith at angela.griffith@amsi.org.au for more information and to apply for a bursary to attend the conference.
- Applications for bursary will close on 15 November 2016.

21. Test:

- Figure 10.10** Weekly oil demand.
Take only your equipment and go!

Phylogenetic Relationships

with your own

Abstract

Check around your calendar and see how busy you are planning to be later. Are there places you'll be attending?

THEORY

factories produces quality
drinking water to nearly a

100



you've still got a lot of work to do.

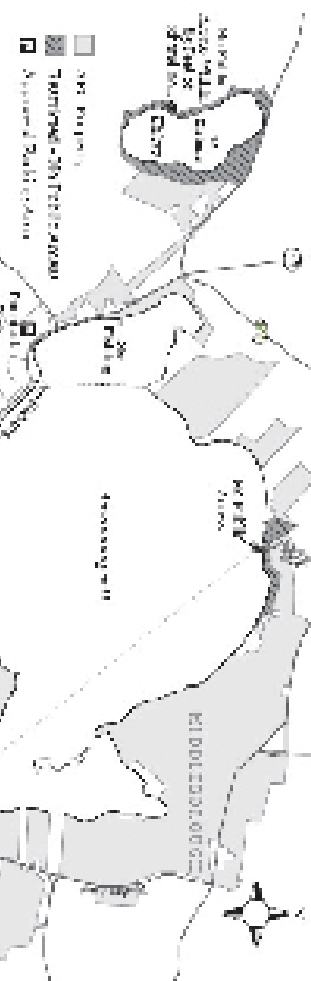
100

1030

Available in paperback

DOI: 10.1002/anie.201100000

Assessment Pond Complex



• *Scandium* is essential for maintaining cell structure, and is also involved in protein synthesis, energy metabolism, and bone development. It also acts as a catalyst in many chemical reactions.

SETH: THE GREAT MATHS

Year-Period	Number of Deaths	Rate per 100,000
Decomposed	144	11
Not Decomposed	252	20
Decomposed	1133	20
Not Decomposed	120	17
Total	1489	15

Editorial Department maps are available from The Tabletop Tree and Fleck's Office for a fee of \$4.00.

Scale 1 (E) = 5 cells

Appendix L -- ADA Compliance



OFFICE OF
SELECTMEN
TELEPHONE (508) 946-8803
FAX (508) 946-0112

Town of Lakeville

Town Office Building
346 Bedford Street
Lakeville, MA 02347

May 19, 2011

Melissa Cryan, State Planner
Commonwealth of Massachusetts
Executive Office of Environmental Affairs
Division of Conservation Services
100 Cambridge Street
Boston, MA 02114-2119

Dear Ms. Cryan:

Please be advised that on April 7, 2011, Stephen Olivier was appointed as the Americans with Disabilities Act coordinator for the Town of Lakeville. Mr. Olivier is a member of the Board of Selectmen and his appointment expires on April 7, 2012.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Rita A. Garbitt
Town Administrator

TOWN OF LAKEVILLE
AMERICANS WITH DISABILITIES
GRIEVANCE POLICY

EQUAL ACCESS TO FACILITIES AND ACTIVITIES
FOR THE GENERAL PUBLIC

Maximum opportunity will be made available to receive citizen comments, complaints and/or to resolve grievances of inquiries.

STEP 1:

The Town Administrator will be available to meet with citizens and employees during business hours.

When a complaint, grievance, request for program policy interpretation or clarification is received either in writing or through a meeting or telephone call, every effort will be made to create a record regarding the name, address, and telephone number of the person making the complaint, grievance, program policy interpretation or clarification. If the person desires to remain anonymous, he or she may.

A complaint, grievance, request for program policy interpretation or clarification will be responded to within ten working days (if the person making the complaint is identified) in a format that is sensitive to the needs of the recipient, (i.e. verbally, enlarged type face, etc.).

Copies of the complaint, grievance, request for program policy interpretation or clarification and response will be forwarded to the appropriate town agency (i.e. park commission, conservation commission). If the grievance is not resolved at this level, it will be progressed to the next level.

STEP 2:

A written grievance will be submitted to the Town Administrator. Assistance in writing the grievance will be available to all individuals. All written grievances will be responded to within ten working days by the Town Administrator in a format that is sensitive to the needs of the recipient, (i.e. verbally, enlarged type face, etc.). If the grievance is not resolved at this level, it will be progressed to the next level.

STEP 3:

If the grievance is not satisfactorily resolved, citizens will be informed of the opportunity to meet and speak with the Board of Selectmen, with whom local authority for final grievance resolution lies.

ADA Analyses for Conservation Commission Held Properties in Lakeville

Stephen D. Kelley Conservation Area - This is a boat launch area with a firm sand beach from which boat trailers may be pushed into the water or small boats carried. There is no formally marked or paved parking area but the parking area is adjacent to the launch area and gently sloped. This is not an area appropriate for wheelchairs, but has been used to access boats by handicapped people able to use crutches. The abandoned road might be made into an assessable fishing area. Funding would be required to stabilize the ruins of the bridge and maintain the vegetation.

Staples Shore Conservation Area - This property located off Staple Shore Road has no public access.

Vaughan Street Canoe Launch - This is a canoe launch with a narrow passageway designed such that canoes must be carried. It is not feasible to make it handicapped assessable.

Vigers Conservation Area (Pickens Street Conservation Area) - This area is not even easily assessable for the able-bodied. Better signage and parking is needed before the feasibility of making any of the trails handicapped assessable can be studied.

Tamarack Swamp Conservation Area - This property next to Tamarack Park is inaccessible.

Tamarack Park - Tamarack Park is undergoing restoration of natural areas. Its slope may preclude handicapped access to the back portions of property, but the meadow area will have level pathways that will be mulched and have the potential to be accessible by certain types of wheelchairs. The picnic area and meadow area have level areas nearby that could be reserved for handicapped parking. Ends of existing picnic tables can be accessed from wheelchairs. The boat launch into the swamp is designed for people carrying boats and cannot be made accessible without considerable modification of wetlands. Regular parking areas include one that is paved, but it is a fair distance from the areas of interest. It would be of little value to mark any spaces there as handicapped reserved.

ADA Analyses for Park Commission managed facilities in Lakeville

- Fred Shaw Park: Fred Shaw Park is handicapped accessible with handicap parking available. There are no restroom facilities. Picnic tables and grills are located at the park.
- Clear Pond Park: Clear Pond is handicapped accessible. The roadway is dirt with handicapped parking available. Currently there are no handicap restrooms, but construction is projected to be complete for the 2012 season. There is no beach ramp/walkway to the water.
- John Paun Park: John Paun Park is handicap accessible with a dirt roadway and parking lot. There are no restroom facilities available.
- Ted Williams Camp: Ted Williams Camp is ADA compliant. There are handicap restroom facilities and parking spaces available. The roadway and parking lot are dirt. The children's playground is handicap accessible and picnic tables are located at the park.

Respectfully,

Daniel E. Hopkins

Daniel E. Hopkins
Chairman, Lakeville Park Commission

40

Betty's Neck / APC

Facility Inventory

LOCATION:

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities	Tables & Benches	Located adjacent to accessible paths ✓
		Access to Open Spaces ✓
	Grills NO	Back and Arm Rests NO
		Adequate number unknown
	Trash Cans NO	Height of Cooking Surface
Trails	Yes	Located adjacent to accessible paths
		Located adjacent to accessible paths
		Located near accessible water fountains, trash can, restroom, parking, etc.
Swimming Facilities	Pools NO	Surface material Forest Floor
		Dimensions
	Beaches NO Public water supply	Rails NO
		Signage (for visually impaired) NO
		Entrance
Play Areas (tot lots) NO	All Play Equipment i.e. swings, slides	Location from accessible parking
		Safety features i.e. warning for visually impaired
Game Areas: *ballfield NO *basketball *tennis	Access Routes	Location from accessible path into water
		Handrails
	Equipment	Location from accessible parking
Boat Docks NO	Access Routes	Shade provided
		Same experience provided to all
Fishing Facilities NO	Access Routes	Located adjacent to accessible paths
		Enough space between equipment for wheelchair
	Equipment	Located adjacent to accessible paths
Programming	Are special programs at your facilities accessible? Yes	Berm cuts onto courts
		Height
		Dimensions
		Spectator Seating
		Located adjacent to accessible paths
Services and Technical Assistance	Information available in alternative formats i.e. for visually impaired NO	Handrails
		Arm Rests
Fishing Facilities NO	Access Routes	Bait Shelves
		Handrails
		Fish Cleaning Tables
Programming	Are special programs at your facilities accessible? Yes	Learn-to-Swim
		Guided Hikes
		Interpretive Programs ✓
Services and Technical Assistance	Information available in alternative formats i.e. for visually impaired NO	Process to request interpretive services (i.e. sign language interpreter) for meetings NO

Prepared by:
Nancy Keatts, APC
manager

LOCATION

SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	✓		
Disembarking area at accessible entrance	✓		
Surface evenly paved or <u>hard-packed</u>	✓		
No ponding of water			
Path of Travel			
Path does not require the use of stairs	✓		
Path is stable, firm and slip resistant	✓		
3 ft wide minimum	✓		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	✓		
Continuous common surface, no changes in level greater than 1/2 inch	✓		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	✓		
80"	✓		
Curb on the pathway must have curb cuts at drives, parking and drop-offs		✓	
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and not be the service entrance		✓	
and exterior of entrance doors		✓	
with standard hinge)		✓	
door		✓	
closed fist		✓	
into the space		✓	
accessible	✓		
maximum			
Signs at non-accessible entrance(s) indicate direction to accessible entrance		✓	
audible signals, sufficiently lighted		✓	no electricity

LOCATION

RESTROOMS - <i>None</i>			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor			
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Fixtures			
On back and side wall closest to toilet			
1 1/4" diameter			
1 1/2" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			

NOTES

LOCATION

SWIMMING POOLS - none			
Specification	Yes	No	Comments/Transition Notes
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			
Lifting device			
Transfer area 18" above the path of travel and a minimum of 18" wide			
Unobstructed path of travel not less than 48" wide around pool			
Non-slip surface			

LOCATION

Specification	Yes	No	Comments/Transition Notes
Stalls 36" by 60" minimum, with a 36" door opening			
Floors are pitched to drain the stall at the corner farthest from entrance			
Floors are non-slip surface			
Controls operate by a single lever with a pressure balance mixing valve			
Controls are located on the center wall adjacent to the hinged seat			
Shower heads attached to a flexible metal hose			
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			
Soap trays without handhold features unless they can support 250 pounds			
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			
Grab bars are placed horizontally at 36" above the floor line			

LOCATION

Specification	Yes	No	Comments/Transition Notes
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			
Top of table no higher than 32" above ground			
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			

Prepared by:
Nancy Yeatts, APC manager