

Appendix A

TREES, SHRUBS, AND PLANTS

Trees (Piedmont Lowland Forest)

Acer negundo	Box Elder
Acer rubrum	Red Maple
Acer saccharinum	Silver Maple
Carya ovata	Shagbark Hickory
Comus florida	Flowering Dogwood
Fagus amencana	American Beech
Fraxinus americana	White Ash
Populus tremuloides	Quaking Aspen
Prunus seragina	Wild Black Cherry
Robinia pseudoacacia	Black Locust
Quercus alba	White Oak
Quercus bicolor	Swamp Oak
Quercus palustris	Pin Oak

Shrubs

Ciomus amomurn	Shrub Dogwood
Comus racemosa	Gray Cornel
Lindera Benzoin	Spicebush
Lonicera tatarica	Tatarian Bush-honeysuckle
Viburnum casinoides	Withe-rod
Viburnum dentatum	Northern Arrowwood
Viburnum prunifolium	Black Haw
Rhus typhina	Staghorn Sumac

Vines And Bramble

Rosa multiflora	Wild Hedge Rose
Rubuss pp.	Blackberry, raspberry
Rhus toxicodendron	Poison ivy
Smilax rotundifolia	Cat Brier

Herbaceous Wildflowers

Arisaema triphyllum	Jack-in-the-pulpit
Aster	Aster
Claytonia virginia	Spring Beauty
Erythronium americanum	Trout-lily, Dog-tooth Violet
Geramum. maculatum	Wild Geranium, Crane's-bill
Iris versicolor	Wild Blue Flag
Lobelia siphilitica	Blue Lobeha
Symplocarpus foetidus	Skunk Cabbage
Ranunculus ficaria	Lesser Celandine
Viola conspers	American dog-violet

Appendix B

MAMMALS

The following list of mammals are seen in Chatham Township:

Opossum
Masked Shrew
Smoky Shrew
Short-tailed Shrew
Starnose Mole
Little Brown Myotis (Bat)
Red Bat
Black Bear
Raccoon
Longtail Weasel
Mink
River Otter
Striped Skunk
Red Fox
Gray Fox
Woodchuck
Eastern Chipmunk
Eastern Gray Squirrel
Red Squirrel
Southern Flying Squirrel
Beaver
White-footed Mouse
Gapper's Redback Vole
Meadow Vole
Pine Vole
Muskrat
Norway Rat
House Mouse
Meadow Jumping Mouse
Woodland Jumping Mouse
Eastern Cottontail
Whitetail Deer
Coyote

Appendix C

REPTILES, AMPHIBIANS AND FISHES

The following list of Reptiles, Amphibians, and Fishes are seen in Chatham Township:

Reptiles

Snapping Turtle	Eastern Garter Snake
Common Musk Turtle	Eastern Ribbon Snake
Eastern Mud Turtle	Smooth Earth Snake
Spotted Turtle	Eastern Hognose Snake
Bog Turtle	Northern Ringneck Snake
Wood Turtle	Eastern Worm Snake
Eastern Box Turtle	Northern Black Racer
Eastern Painted Turtle	Smooth Green Snake
Five-lined Skink	Black Rat Snake
Northern Water Snake	Eastern Milk Snake
Northern Brown Snake	

Amphibians

Blue-spotted Salamander	Gray Treefrog
Red-spotted Newt	Northern Spring Peeper
Northern Dusky Salamander	New Jersey Chorus Frog
Redback Salamander	Upland Chorus Frog
Northern Slimy Salamander	Bullfrog
Four-toed Salamander	Green Frog
American Toad	Wood Frog
Fowler's Toad	Northern Leopard Frog
Northern Cricket Frog	Pickerel Frog

Fishes

White Sucker	Tessalated Darter
Creek Chubsucker	Redbreast Sunfish
Carp	Fallfish
Golden Shiner	Common Shiner
Brown Bullhead	Spottail Shiner
Chain Pickerel	Yellow Bullhead
Eastern Mudminnow	Bluespotted Sunfish
Redfiri Pickerel	Satinfin Shiner
American Eel	Mud Sunfish
Smallmouth Bass	Spotfin Shiner
Largemouth Bass	Green Sunfish
Banded Sunfish	Blacknose Dace
Pumpkinseed	Creek Chub
Bluegill	Brook Trout
Black Crappie	

Appendix D

BIRDS

The following list of Birds are seen in Chatham Township:

Bitterns, Herons, And Ibises

American Bittern	Great Blue Heron
Least Bittern	Green-backed Heron

Swans, Geese, And Ducks

Canada Goose	Mallard
Wood Duck	Blue-winged Teal
Green-winged Teal	Hooded Merganser
American Black Duck	
Vultures, Hawks, and Falcons	
Red-shouldered Hawk	Red-tailed Hawk
Broad-winged Hawk	American Kestral

Grouse, Quail, And Turkey

Ring-necked Pheasant	Wild Turkey
Ruffed Grouse	
Rails and Cranes	
King Rail	Sora
Virginia Rail	Common Moorhen

Plovers And Sandpiper

Killdeer	American Woodcock
Spotted Sandpiper	

Doves, Cuckoos, Owls, Swifts, And Hummingbirds

Mourning Dove	Great Homed Owl
Black-billed Cuckoo	Barred Owl
Yellow-billed Cuckoo	Ruby-throated Hummingbird
Eastern Screech-Owl	

Woodpeckers And Flycatchers

Red-headed Woodpecker	Acadian Flycatcher
Red-bellied Woodpecker	Alder Flycatcher
Downy Woodpecker	Willow Flycatcher
Hairy Woodpecker	Least Flycatcher
Northern Flicker	Eastern Phoebe
Pileated Woodpecker	Great Crested Flycatcher
Eastern Wood-Pewee	Eastern Kingbird

Larks, Swallows. Lays, And Crows

Purple Martin	Blue Jay
Tree Swallow	American Crow
Barn Swallow	

Titmice, Nuthatches, And Wrens

Black-capped Chickadee	Carolina Wren
Tufted Titmouse	House Wren
White-breasted Nuthatch	Marsh Wren
Brown Creeper	

Kinglets, Thrushes, and Thrashers

Blue-gray Gnatcatcher	American Robin
Eastern Bluebird	Grey Catbird
Veery	Northern Mockingbird
Wood Thrush	Brown Thrasher

Waxwings, Shrikes, and Starling

European Starling

Vireos and Wood Warblers

White-eyed Vireo	Black-and-white Warbler
Yellow-throated Vireo	American Redstart
Warbling Vireo	Prothonotary Warbler
Red-eyed Vireo	Ovenbird
Blue-winged Warbler	Louisiana Waterthrush
Yellow Warbler	Common Yellowthroat
Chestnut-sided Warbler	Yellow-breasted Chat

Tanagers and Sparrow

Scarlet Tanager	Chipping Sparrow
Northern Cardinal	Field Sparrow
Rose-breasted Grosbeak	Song Sparrow
Indigo Bunting	Swamp Sparrow
Rufous-sided Towhee	

Blackbirds and Finches

Bobolink	Northern Oriole
Red-winged Blackbird	House Finch
Eastern Meadowlark	American Goldfinch
Common Grackle	House Sparrow
Brown-headed Cowbird	

Appendix E

OPEN SPACE LISTING - CLASS 1 PROPERTIES (Lots with No Dwelling)

<i>Block</i>	<i>Lot</i>	<i>Owner</i>	<i>Tax Map Number</i>
2	5		25
6	3	Private	1
7	13	Private	1
8	4		1
14	47	Private	21
14	48.01	Private	21
15	1		24
15	7	Private	24
16	70		21
17	78	Utility	32
17	81.08		32
17	81.09		32
18	93	Utility	35
18	94	Utility	35
20	14		24
20	15		24
20	16		24
20	17		24
20	18		24
20	19		24
20	20		24
20	21	Private	24
23	15	Private	24
31	15	Private	24
31	33		24
32	2		24
32	6	Private	24
32	8	Private	24
33	1		24
33	14		24
33	17		24
33	20		24
34	22		24
34	22.01	Private	24
34	22.09		24
34	22.10		24
34	22.11		24
34	22.13		24
34	22.14		24
34	22.15		24
35	5.07		24

<i>Block</i>	<i>Lot</i>	<i>Owner</i>	<i>Tax Map Number</i>
35	8		23
36	9	Private	23
36	16		23
37	5.01	Private	23
37	12	Private	23
38	42	Private	27
38	45	Private	27
39	30	Private	23
39	63	Private	27
39	65	Private	27
40	17	Private	26
48	2	Private	2
48	3	Utility	2
48	12	Utility	2
48	12.1	Utility	3
48	52	Utility	21
48	54	Utility	21
48	55	Utility	21
48	56	Utility	21
48	65.05	Private	21
48	65.07	Private	21
48	67	Private	21
48	68	Private	21
48	69	Private	21
48	73	Utility	32
48	76	Utility	32
48	95	Utility	35
48.1	14	Private	47
48.4	38	Private	47
48.10	104	Utility	47
48.14	107	Utility	46
48.14	110	Utility	6
48.14	113.23	Utility	36
48.15	117.5		37
48.16	121	Private	38
48.16	123		38
48.17	137.1		39
48.17	139		39
48.18	140.1	Utility	17
48.19	157	Private	18
48.20	185	Private	4
48.20	186	Private	4
48.20	187	Private	4
48.20	187.1	Private	4
48.20	188	Private	4
48.21	158.1	Private	5
48.21	165.1	Private	5

<i>Block</i>	<i>Lot</i>	<i>Owner</i>	<i>Tax Map Number</i>
48.21	165.4	Private	5
48.21	181	Private	5
48.21	181.1	Private	5
48.21	182	Private	5
49	1	Private	29
49	3	Private	29
49	3.1	Private	21
50	6	Private	29
53	6.1	Private	29
54	7	Private	29
55	12.1	Private	29
57	9	Private	29
61	16	Private	28
62	54	Private	31
62	71	Private	34
62	88		49
62	101.1	Private	49
62	105	Utility	49
62.1	46.2	Private	49
62.9	2	Utility	28
63	1.3		28
63	2.1	Private	28
63	3	Utility	28
63	4	Private	28
63	5		30
63	5.1	Private	28
63	7	Private	30
63	9	Private	30
63	9.1	Utility	30
63	9.02	Private	30
63	11.1	Utility	30
63	11.02	Private	30
63	12	Private	30
63	12.1	Utility	30
63	12.02	Private	30
63	13	Private	30
63	15	Private	33
64	1		50
67	16	Private	52
69	15.01	Private	53
69	15.02	Private	33
77	2.3	Private	62
77	5	Private	62
77	6	Private	62
78	19.3	Private	62
78	19.4	Private	62
78	20	Private	62
78	20.1	Private	62

Block	Lot	Owner	Tax Map Number
80	6	Private	61
82	1	Private	61
83	3	Utility	61
83	21.01	Private	61
83	31	Utility	61
94	3	Utility	61
84	9	Private	61
90	27	Private	61
92	13	Private	60
93	4	Private	60
93	7	Private	60
95	12	Private	60
95	14	Private	60
95	15	Private	60
95	16		60
95	16.1		60
95	17	Utility	60
95	20	Private	59
95	21	Private	59
95	30		59
95	31	Private	59
95.1	13	Private	59
95.1	14	Private	59
95.1	15	Private	59
95.1	16		59
95.1	30		59
102.8	37	Utility	56
102.11	3	Utility	55
105	5	Utility	55
111	11	Private	36
111	40	Private	36
113	1	Utility	36
114	1	Utility	36
115	1	Utility	36
115	29	Utility	36
124	11		44
128	4		43
128	8		43
128	13.1	Private	58
128	25		58
129	1	Private	43
129	7		43
130	4	Private	43
130	5	Private	43
130	17.1		43
130	18		43
130	28		43
135	1		42

<i>Block</i>	<i>Lot</i>	<i>Owner</i>	<i>Tax Map Number</i>
135	13		42
135	19	Private	42
135	19.1	Private	42
136	1		42
136	5		42
136	7		42
136	9		42
136	10		42
137	1		42
137	10		42
137	13		42
138	4	Private	42
139	1	Private	7
139	1.1		7
139	2	Private	7
139	3.01	Private	7
139	3.02	Private	7
139	3.03	Private	7
139	3.04	Private	7
139	8	Private	9
139	14	Private	9
139	15	Private	9
139	18.2	Private	9
139	18.3	Private	9
139	18.4	Private	9
139	56.4	Private	6
139.1	2	Private	7
140	1.1	Private	10
140	1.2		10
140	3.1		10
140	4.3		10
141	7		11
141	8		14
141	9.4		14
142	2		12
143	1.02	Private	12
143	5	Private	12
143	6	Private	12
144	23		40
144	25	Private	40
144	38	Private	40
144	40	Private	16
144	41.1	Private	16

Appendix F

OPEN SPACE LISTING (Subdividable Lots with Dwelling)

<i>Block</i>	<i>Lot</i>	<i>Acreage</i>	<i>Tax Map Number</i>	<i>Owner</i>
6	5	1.1	1	Private
144	50	5.47	6	Private
139	54	8.04	6	Private
139	61	7.21	6	Private
139	4	4.12	7	Private
139	5	1.9	7	Private
139	18	8.9	9	Private
139	10	6.094	9	Private
139	9	10.84	9	Private
140	3	118	10	Private
140	2.02	1.149	10	Private
141	2	3.762	10	Private
144	48	9.53	16	Private
144	49	6.924	6	Private
144	49.01	5.569	6	Private
144	40	1.8	16	Private
48.18	140	34.8	17	Private
48.18	144	8.8	17	Private
48.19	155	15.35	18	Private
16	65	11.86		
14	62	6.94	21	Private
13	28	26.04	22	Private
39	21	1.158	23	Private
36	12	1.9	23	Private
34	22	4.76	24	Private
32	10	1.75	24	Private
32	14	1.198	24	Private
15	18	1,478	24	Private
38	42	9.412	27	Private
61	10	1.2626	28	Private
62.08		18	14.428	Township
62.08		15	1.276828	Private
62.08		16	1.628	Private
62.08		17	1.2828	Private
17	81.02		3.3832	Private
17	82	3.27	32	Private
17	83	2.13	32	Private
17	84	3.68	32	Private
17	85	3-55	32	Private
17	86	9.71	32	Township
17	90-01	1.24	32	Private
17	90	1.64	32	Private
17	90.02	1.019	32	Private
17	91	2.75	32	Private

Block	Lot	Acreage	Tax Map Number	Owner
63	21	22.39	33	Private
62.02	20	1.047	34	Private
62	74	4.12	34	Private
62	75	4.36	34	Private
62	70	4	34	Private
48.17	138	3.39	39	Private
48.17	137-01	2.428	39	
48.17	130.01	10.18	39	Private
48.17	129	8.27	39	
144	34.01	6.474	40	Private
144	33	5.2	40	Private
144	21	22.96	40	Private
144	22	5.81	40	Private
138	1	3.21	42	Private
135	9	14.28	42	
128	4	1.65	43	
128	3	4.64	43	
62	85	7.1	49	Private
62	87	4.49	49	Private
62	89	6.65	49	Private
62	93	5.1	49	Private
62	100	1.49	49	Private
67	12	17.38	52	Private
66	1	30.24	51	Private
72	5	1.057	53	Private
102.11	5.01	3.02	55	Church
95	11	1.1792	60	Private

Appendix G

GLOSSARY OF TERMS

Aquifer	rocks and sediment that hold large quantities of water. Groundwater moves in and out of aquifers, they are not self contained.
Drift	a mantle of clay, sand, gravel, and boulders
Evapotranspiration	the total water loss from the soil including that by direct evaporation and that by transpiration from the surfaces of plants.
Floodplain	the floodplain is that relatively flat area adjoining the channel of a natural stream which has been or may be covered by floodwater.
Glacier	glaciers are thick masses of slow moving ice.
Horizon, Soil	a layer of soil, approximately parallel to the soil surface, with distinct characteristics, produced by soil-forming processes.
Hydrology	the science of the behavior of water in the atmosphere, on the surface of the earth, and underground.
Leachate	material which has been leached or dissolved from soluble material. It usually refers to chemicals and compounds from sanitary landfills that have gone into solution and entered the ground
Moraine	a heterogeneous mixture of clay, sand, and stone dumped at the front of a glacier.
Recharge Areas	places where precipitation or surface water filters down into an aquifer.
Terminal Moraine	a ridge-like accumulation of drift formed where a glacier stagnates. The ridge-like deposit is broken by gaps where meltwater streams existed.
Till	unstratified glacial drift deposited directly by the ice and consisting of clay, sand, gravel, and boulders.
Triassic Period	the period of geologic history which began about 225 million years ago.
Water Table	the highest part of the underlying soil or rock that is totally saturated with water.
Watershed	the land area from which water drains to a single stream, river, or other body of water.
Wetland	an area that is inundated or saturated by surface water or groundwater at a frequency and duration sufficient to support, and under normal circumstances does support, a prevalence of vegetation typically adapted for life in saturated soil conditions, commonly known as a hydrophytic vegetation.

FOLD-OUT MAPS

(see following pages)

