

X. APPENDICES

APPENDIX I WETLANDS ON THE UNIT

A. Stands Containing All or Part of a Legally Protected Wetland

FOREST	COMPARTMENT	STAND	ACRES	VEGETATION TYPE
CHENANGO 5	B	35	7	HEM-NH
CHENANGO 5	B	39	39	HEM-NH
CHENANGO 5	D	22	30	HEM
CHENANGO 5	D	50	9	HEM-NH
CHENANGO 5	D	51	9	WET-O
CHENANGO 5	D	52	58	NH-HEM
CHENANGO 5	F	10.1	33	HEM-NH
CHENANGO 5	F	10.4	12	HEM-NH
CHENANGO 5	F	11.1	51	HEM-NH
CHENANGO 5	F	11.2	10	PH
CHENANGO 5	F	18	4	WET-O
CHENANGO 5	F	19	11	WET-O
CHENANGO 5	F	20	2	RS-HEM
CHENANGO 22	A	25	4	WET-A
CHENANGO 22	B	22	14	HEM-NH
CHENANGO 22	B	47	3	HEM-NH
CHENANGO 22	B	48	20	WET-O
CHENANGO 24	A	4	29	HEM-NH
CHENANGO 24	A	5	10	HEM-NH
CHENANGO 24	A	25	15	PH
CHENANGO 24	A	39.1	5	HEM-NH
CHENANGO 24	A	41	16	HEM-NH
CHENANGO 24	A	46	34	WET-A
CHENANGO 24	A	47	20	HEM-RS
CHENANGO 24	B	8.1	57	HEM-NH
CHENANGO 24	B	8.2	14	PH
CHENANGO 24	B	16	15	WET-O
CHENANGO 24	C	11	6	HEM-WP
CHENANGO 24	C	13	58	HEM-NH

B. Unclassified Wetlands, Protected in Management Plan

FOREST	COMPARTMENT	STAND	ACRES OF WETLANDS	VEGETATION TYPE
CHENANGO 5	A	5	4	APP
CHENANGO 5	A	12	8	BR
CHENANGO 5	A	18	8	WET-O
CHENANGO 5	A	22	5	NH-HEM
CHENANGO 5	A	28.1	3	WET-O
CHENANGO 5	A	32	9	NH-HEM
CHENANGO 5	A	45	17	HEM-NH
CHENANGO 5	A	50	6	HEM
CHENANGO 5	A	53	3	HEM-NH
CHENANGO 5	B	2.4	6	HEM-NH
CHENANGO 5	B	8.2	2	NH-NS
CHENANGO 5	B	9.1	3	HEM-NH
CHENANGO 5	B	9.2	4	HEM-NH
CHENANGO 5	B	13.1	20	HEM-NH
CHENANGO 5	B	14.2	6	HEM-OPEN
CHENANGO 5	B	15.2	1	BR-APP
CHENANGO 5	B	17	5	PH
CHENANGO 5	B	19	11	HEM-NH
CHENANGO 5	B	23	5	HEM-NH
CHENANGO 5	B	27	7	WET-A
CHENANGO 5	B	30	3	HEM-NH
CHENANGO 5	B	32.1	4	NH
CHENANGO 5	B	32.2	2	WET-A
CHENANGO 5	B	43.4	3	WET-A
CHENANGO 5	C	4	2	WET-O
CHENANGO 5	C	9	13	HEM-NH
CHENANGO 5	C	11	9	NH-HEM
CHENANGO 5	C	12	1	WET-O
CHENANGO 5	C	17	10	HEM-NH
CHENANGO 5	C	20	5	HEM-NH
CHENANGO 5	C	33	6	HEM-NH
CHENANGO 5	D	15	24	HEM-NH
CHENANGO 5	D	16	6	WET-O
CHENANGO 5	D	17	3	WET-A
CHENANGO 5	D	20	1	NH-HEM
CHENANGO 5	D	23	13	NH-HEM
CHENANGO 5	D	34	1	WET-A
CHENANGO 5	D	35	4	HEM-NH
CHENANGO 5	D	43	5	HEM-NH
CHENANGO 5	D	44	9	HEM-NH
CHENANGO 5	D	54	8	HEM-NH

FOREST	COMPARTMENT	STAND	ACRES OF WETLANDS	VEGETATION TYPE
CHENANGO 5	D	56	28	HEM-NH
CHENANGO 5	D	67	9	HEM-NH
CHENANGO 5	D	68	12	WET-A
CHENANGO 5	D	70	16	HEM-NH
CHENANGO 5	D	72	12	HEM-NH
CHENANGO 5	D	84	2	HEM-NH
CHENANGO 5	D	91	2	NH
CHENANGO 5	D	97	3	WET-O
CHENANGO 5	D	98	6	NH
CHENANGO 5	D	105.1	3	HEM-NH
CHENANGO 5	D	108	20	HEM-NH
CHENANGO 5	D	116.2	2	HEM-NH
CHENANGO 5	D	122	7	BR-RP
CHENANGO 5	D	125	5	HEM-NH
CHENANGO 5	D	132.1	5	HEM-NH
CHENANGO 5	D	132.2	1	HEM
CHENANGO 5	D	136	6	HEM-NH
CHENANGO 5	D	138	7	HEM-NH
CHENANGO 5	D	140	4	WET-A
CHENANGO 5	D	146.1	28	WET-A
CHENANGO 5	D	150	12	HEM-NH
CHENANGO 5	D	153	8	HEM-NH
CHENANGO 5	D	158	31	HEM-NH
CHENANGO 5	D	159.2	2	WET-O
CHENANGO 5	D	164	7	HEM-NH
CHENANGO 5	D	166	7	HEM-NH
CHENANGO 5	E	36.3	3	NS
CHENANGO 5	E	38.1	5	WET-O
CHENANGO 5	E	40	14	WET-O
CHENANGO 5	E	42.2	18	NS
CHENANGO 5	E	46.3	8	HEM-NH
CHENANGO 5	F	15	2	PH
CHENANGO 5	F	21	17	HEM-NH
CHENANGO 5	F	24	2	NH-HEM
CHENANGO 5	F	26	12	NS-NH
CHENANGO 5	F	32	2	WET-A
CHENANGO 16	A	6	7	RP-NH
CHENANGO 16	A	9	4	WET-O
CHENANGO 16	A	10	11	HEM-NH
CHENANGO 16	A	12	9	RP
CHENANGO 16	A	13	4	HEM-RP
CHENANGO 16	A	24	21	HEM-NH

FOREST	COMPARTMENT	STAND	ACRES OF WETLANDS	VEGETATION TYPE
CHENANGO 16	A	27	6	HEM-NH
CHENANGO 16	A	36	9	HEM-NH
CHENANGO 16	A	42	9	RP-BR
CHENANGO 16	A	43	5	WET-O
CHENANGO 16	A	48	7	RP
CHENANGO 16	A	54	1	PH
CHENANGO 16	A	55	2	WET-O
CHENANGO 16	A	56	1	HEM-NH
CHENANGO 16	A	57	2	HEM-NH
CHENANGO 16	A	58	5	HEM-NH
CHENANGO 16	B	11	8	HEM-NH
CHENANGO 16	B	27	6	NS
CHENANGO 16	B	32	9	HEM-NH
CHENANGO 16	B	46	1	WET-O
CHENANGO 16	B	48	3	WET-A
CHENANGO 22	A	12	3	NH-HEM
CHENANGO 22	A	15	2	HEM-NH
CHENANGO 22	A	19	8	HEM-NH
CHENANGO 22	A	34	5	HEM-NH
CHENANGO 22	B	16	8	HEM-NH
CHENANGO 22	B	19	31	HEM-NH
CHENANGO 22	B	21	2	WS-NH
CHENANGO 22	B	23	7	HEM-NH
CHENANGO 22	B	37	6	WS-WET-A
CHENANGO 22	B	39.1	7	NH
CHENANGO 22	B	39.2	10	NH
CHENANGO 22	B	40	4	NH
CHENANGO 22	B	41	9	NH
CHENANGO 22	B	44	5	HEM-NH
CHENANGO 22	B	45	2	NH-HEM
CHENANGO 22	C	33	2	NH
CHENANGO 22	C	42	9	HEM-NH
CHENANGO 24	A	6	4	NH-HEM-NS
CHENANGO 24	A	8.1	39	HEM-NH
CHENANGO 24	A	8.2	5	HEM
CHENANGO 24	A	8.3	6	PH
CHENANGO 24	A	18	11	HEM-NH
CHENANGO 24	A	21	4	PH
CHENANGO 24	A	33	8	HEM-NH
CHENANGO 24	A	35	16	HEM-NH
CHENANGO 24	A	38	1	HEM-NH

FOREST	COMPARTMENT	STAND	ACRES OF WETLANDS	VEGETATION TYPE
CHENANGO 24	A	42	11	HEM-NH
CHENANGO 24	A	43	11	NH-HEM
CHENANGO 24	A	49	6	HEM-NH
CHENANGO 24	A	56	2	WET-A
CHENANGO 24	A	63	1	WET-A
CHENANGO 24	A	64	1	NH-HEM
CHENANGO 24	A	69	15	HEM-RS
CHENANGO 24	A	70	26	HEM-NH
CHENANGO 24	A	71	7	HEM-RS
CHENANGO 24	A	75	10	WET-A
CHENANGO 24	A	77	10	HEM-NH
CHENANGO 24	A	78	17	HEM-NH
CHENANGO 24	A	79	4	NH
CHENANGO 24	A	81.2	1	NH
CHENANGO 24	A	83	4	HEM-NH
CHENANGO 24	A	91	13	HEM-NH
CHENANGO 24	A	93	4	HEM
CHENANGO 24	A	102	38	HEM-NH
CHENANGO 24	A	103	5	NH-HEM
CHENANGO 24	B	5	2	NS
CHENANGO 24	B	15	10	NS
CHENANGO 24	B	17	2	NS
CHENANGO 24	B	24	16	HEM-NH
CHENANGO 24	B	28	13	HEM-NH
CHENANGO 24	B	31.1	8	HEM-NH
CHENANGO 24	B	31.4	4	HEM-NH
CHENANGO 24	B	32	14	PH-HEM
CHENANGO 24	B	35.1	6	HEM-NH
CHENANGO 24	B	37	5	HEM-NH
CHENANGO 24	B	41	2	WET-A
CHENANGO 24	B	46	11	HEM-NH
CHENANGO 24	B	52	2	HEM-NH
CHENANGO 24	B	53	2	PH
CHENANGO 24	B	59	7	WP
CHENANGO 24	B	60	8	WET-A
CHENANGO 24	B	61	4	WET-O
CHENANGO 24	C	19.2	2	HEM-NH
CHENANGO 24	C	24	2	WET-O
CHENANGO 24	C	34	12	HEM-NH
CHENANGO 24	C	37	6	NH-RP-NS
CHENANGO 24	C	39	2	NH
CHENANGO 24	C	42	5	RP
CHENANGO 24	C	43.1	9	PH-BR

FOREST	COMPARTMENT	STAND	ACRES OF WETLANDS	VEGETATION TYPE
CHENANGO 24	C	43.2	2	WET-O
CHENANGO 24	C	43.3	4	PH-BR
CHENANGO 36	A	3	3	WET-O
CHENANGO 36	A	9	24	HEM-NH
CHENANGO 36	A	18	4	WET-A
CHENANGO 36	A	21	9	HEM-NH
CHENANGO 36	A	39	3	WET-O

APPENDIX II WILDLIFE ON THE UNIT

Occurrence and Protective Status of Wildlife On the Pharsalia Management Unit

The protective status of listed species is based on Federal and State regulations. Following column entries for common and scientific names, a “protective status” category for Federal and for New York State appears. The following definitions apply to the abbreviations and terms used as defined in The Checklist of Amphibians, Reptiles, Birds, and Mammals of New York State, Including their Protective Status.

Federal Definitions

- E-** Endangered Species are determined by the U. S. Department of the Interior to be in danger of extinction throughout all or a significant portion of their range. All such species are fully protected, including their habitat.
- T-** Threatened Species are determined by the U. S. Department of the Interior as likely to become endangered within the foreseeable future throughout all or a significant portion of their range. All such species are fully protected.
- UN-** “Unprotected” under Federal Law

State Definitions

- E-** Endangered Species are determined by the DEC to be in imminent danger of extinction or extirpation in New York State, or are federally listed as endangered. All such species are fully protected under New York State Environmental Conservation Law.

- T-** Threatened Species are determined by the DEC as likely to become endangered within the foreseeable future in New York State, or are federally listed as threatened. All such species are fully protected under the New York State Environmental Conservation Law.

- SC -** Special Concern Species are those native species that are not yet recognized as endangered or threatened, but for which documented evidence exists relating to their continued welfare in New York State. The Special Concern category exists within DEC rules and regulations, but such designation does not in itself provide any additional protection. However, Special Concern species may be protected under other laws.

- GS-** Game species are defined as “big game”, “small game”, or “game bird” species as stated in the Environmental Conservation Law; many normally have an open season for at least part of the year, and are protected at other times.

- UN -** Unprotected means that the species may be taken at any time without limit. However, a license to take may be required.

- Prot -** Protected wildlife means “wild game, protected wild birds, and endangered species of wildlife” as defined in the Environmental Conservation Law.

A. Mammals on the Pharsalia Woods Unit

Common Name, Scientific Name, and Protective Status

<u>Common Name</u>	<u>Scientific Name</u>	<u>Protective Status</u>	
		<u>Federal</u>	<u>State</u>
Virginia Opossum	<i>Didelphis virginiana</i>	UN	GS
Masked shrew	<i>Sorex cinereus</i>	UN	UN
Northern water shrew	<i>Sorex palustris</i>	UN	UN
Smokey shrew	<i>Sorex fumeus</i>	UN	UN
Pygmy shrew	<i>Microsorex hoyi</i>	UN	UN
Northern Short-tailed shrew	<i>Blarina brevicauda</i>	UN	UN
Least shrew	<i>Cryptotis parva</i>	UN	UN
Hairy-tailed mole	<i>Parascalops breweri</i>	UN	UN
Star-nosed mole	<i>Condylura cristata</i>	UN	UN
Little brown bat	<i>Myotis lucifugus</i>	UN	UN
Keen's Bat	<i>Myotis septentrionalis</i>	UN	UN
Indiana Bat	<i>Myotis sodalis</i>	E	E
Small-footed Bat	<i>Myotis leibii</i>	UN	UN-SC
Silver-haired Bat	<i>Lasionycteris noctivagans</i>	UN	UN
E. Pipistrel bat	<i>Pipistrellus subflavus</i>	UN	UN
Big brown bat	<i>Eptesicus fuscus</i>	UN	UN
Red Bat	<i>Lasiurus borealis</i>	UN	UN
Hoary Bat	<i>Lasiurus cinereus</i>	UN	UN
E. Coyote	<i>Canis latrans</i>	UN	GS
Red fox	<i>Vulpes fulva</i>	UN	GS
Gray fox	<i>Urocyon cinereoargenteus</i>	UN	GS
Black bear	<i>Ursus americanus</i>	UN	GS
Raccoon	<i>Procyon lotor</i>	UN	GS
Fisher	<i>Martes pennanti</i>	UN	GS
Short-tailed weasel	<i>Mustela ermines</i>	UN	GS
Long-tailed weasel	<i>Mustela frenata</i>	UN	GS
Mink	<i>Mustela vison</i>	UN	GS

<u>Common Name</u>	<u>Scientific Name</u>	<u>Protective Status</u>	
		<u>Federal</u>	<u>State</u>
Striped skunk	<i>Mephitis mephitis</i>	UN	GS
Bobcat	<i>Lynx rufus</i>	UN	GS
White-tailed deer	<i>Odocoileus virginiana</i>	UN	GS
E. Chipmunk	<i>Tamias straitus</i>	UN	UN
Woodchuck	<i>Marmota monax</i>	UN	UN
Gray squirrel	<i>Sciurus carolinensis</i>	UN	GS
Red squirrel	<i>Tamiasciurus hudsonicus</i>	UN	UN
S. Flying squirrel	<i>Glaucomys volans</i>	UN	UN
Beaver	<i>Castor canadensis</i>	UN	GS
Deer mouse	<i>Peromyscus maniculatus</i>	UN	UN
White-footed mouse	<i>Peromyscus leucopus</i>	UN	UN
Redback vole	<i>Clethrionomys gapperi</i>	UN	UN
Meadow vole	<i>Microtus pennsylvanicus</i>	UN	UN
Woodland vole	<i>Microtus pinetorum</i>	UN	UN
Pine vole	<i>Pitymys pinetorum</i>	UN	UN
Muskrat	<i>Ondatra zibethicus</i>	UN	GS
Southern bog lemming	<i>Synaptomys cooperi</i>	UN	UN
Meadow jumping mouse	<i>Zapus hudsonius</i>	UN	UN
Woodland jumping mouse	<i>Zapus insignis</i>	UN	UN
Porcupine	<i>Erethizon dorsatum</i>	UN	UN
E. Cottontail	<i>Sylvilagus floridanus</i>	UN	GS
Varying hare	<i>Lepus americanus</i>	UN	GS

Source: Gotie, F. 1983. Biological Reconnaissance of the Wildlife Management areas in Region 7- Pharsalia WMA fed. Aid. Perf. Report W-137-D. 1982-83, mimco; and Chambers, R.E. op. cit.

B. Reptiles and Amphibians on the Pharsalia Woods Unit

<u>Common Name</u>	<u>Scientific Name</u>	<u>Protective Status</u>	
		<u>Federal</u>	<u>State</u>
Blue spotted salamander	<i>Ambystoma laterale</i>	UN	UN-SC
Spotted salamander	<i>Amsytoma maculatum</i>	UN	UN-SC
Red spotted newt	<i>Notophthalmus viridescens</i>	UN	UN-SC
Northern dusky salamander	<i>Desmognathus fuscus</i>	UN	UN
Mountain dusky salamander	<i>Desmognathus ochrophaeus</i>	UN	UN
Redback salamander	<i>Plethodon cinereus</i>	UN	UN
Northern slimy salamander	<i>Plethodon glutinosus</i>	UN	UN
Northern spring salamander	<i>Gyrinophilus porphyriticus</i>	UN	UN
Northern two-lined salamander	<i>Eurycea bislineata</i>	UN	UN
American toad	<i>Bufo americanus</i>	UN	UN
Northern spring peeper	<i>Hyla crucifer</i>	UN	UN
Grey tree frog	<i>Hyla versicolor</i>	UN	UN
Bull frog	<i>Rana catesbeiana</i>	UN	GS
Green frog	<i>Rana clamitans</i>	UN	GS
Wood frog	<i>Rana sylvatica</i>	UN	GS
Northern Leopard frog	<i>Rana pipiens</i>	UN	GS
Pickerel frog	<i>Rana palustris</i>	UN	GS
Common snapping turtle	<i>Chelydra serpentina</i>	UN	UN
Spotted turtle	<i>Clemmys guttata</i>	UN	UN-SC
Wood turtle	<i>Clemmys insculpta</i>	UN	GS-SC
Eastern painted turtle	<i>Chrysemys picata</i>	UN	UN
Northern water snake	<i>Nerodia sipedon</i>	UN	UN
Northern brown snake	<i>Storeria dekayi</i>	UN	UN
Northern redbelly snake	<i>Storeria occipitamaculata</i>	UN	UN
Eastern garter snake	<i>Thamnophis sirtalis</i>	UN	UN
Eastern ribbon snake	<i>Thamnophis sauritis</i>	UN	UN
Northern ringneck snake	<i>Diadophis punctatus edwardsi</i>	UN	UN
Eastern smooth green snake	<i>Ophreodrys vernalis</i>	UN	UN
Eastern milk snake	<i>Lampropeltis triangulum</i>	UN	UN

Source: Adapted from Breisch, A., et. al, Amphibian and Reptile Atlas, NYS, Internal Report, 1990-1998.

C. Breeding Birds on the Pharsalia Woods Unit

NYS Breeding Bird Atlas 2000 – 2005

Common Name	Scientific Name	Breeding Status CO=Confirmed Breeder PR = Probable Breeder PO = Possible Breeder	NY Legal Status Protect-SC = Protected Special Concern Species
Great Blue Heron	<i>Ardea herodias</i>	CO	Protected
Green Heron	<i>Butorides virescens</i>	PR	Protected
Turkey Vulture	<i>Cathartes aura</i>	CO	Protected
Canada Goose	<i>Branta canadensis</i>	CO	Game Species
Wood Duck	<i>Aix sponsa</i>	CO	Game species
American Pigeon	<i>Columba livia</i>	CO	Unprotected
American Black Duck	<i>Anas rubripes</i>	PR	Game Species
Mallard	<i>Anas platyrhynchos</i>	CO	Game species
Hooded Merganser	<i>Lophodytes cucullatus</i>	CO	Game Species
Common Merganser	<i>Mergus merganser</i>	CO	Game species
Osprey	<i>Pandion haliaetus</i>	PO	Protect-SC
Sharp-shinned Hawk	<i>Accipiter striatus</i>	PO	Protect-SC
Cooper's Hawk	<i>Accipiter cooperii</i>	PO	Protect-SC
Northern Goshawk	<i>Accipiter gentillis</i>	CO	Protect-SC
Red Shouldered Hawk	<i>Buteo lineatus</i>	PR	Protect-SC
Broad-winged Hawk	<i>Buteo platypterus</i>	CO	Protected
Red-tailed Hawk	<i>Buteo jamaicensis</i>	CO	Protected
American Kestrel	<i>Falco sparverious</i>	CO	Protected

Common Name	Scientific Name	Breeding Status CO=Confirmed Breeder PR = Probable Breeder PO = Possible Breeder	NY Legal Status Protect-SC = Protected Special Concern Species
Ruffed Grouse	<i>Bonasa umbellus</i>	CO	Game species
Wild Turkey	<i>Meleagris gallopavo</i>	CO	Game species
Virginia Rail	<i>Rallus limicola</i>	PR	Game species
Killdeer	<i>Charadrius vociferus</i>	CO	Protected
Spotted Sandpiper	<i>Actitis macularia</i>	CO	Protected
American Woodcock	<i>Scolopax minor</i>	CO	Game species
Rock Dove	<i>Columba livia</i>	PR	Unprotected
Dove Mourning	<i>Zenaida macroura</i>	CO	Protected
Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>	PR	Protected
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	PO	Protected
Eastern Screech-Owl	<i>Megascops asio</i>	CO	Protected
Great Horned Owl	<i>Bubo virginianus</i>	CO	Protected
Barred Owl	<i>Strix varia</i>	PR	Protected
Chimney Swift	<i>Chaetura pelagica</i>	PR	Protected
Ruby-throated Hummingbird	<i>Archilochus colubris</i>	CO	Protected
Belted Kingfisher	<i>Ceryle alcyon</i>	CO	Protected
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>	PR	Protected
Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>	CO	Protected

Common Name	Scientific Name	Breeding Status CO=Confirmed Breeder PR = Probable Breeder PO = Possible Breeder	NY Legal Status Protect-SC = Protected Special Concern Species
Downy Woodpecker	<i>Picoides pubescens</i>	CO	Protected
Hairy Woodpecker	<i>Picoides villosus</i>	CO	Protected
Northern Flicker	<i>Colaptes auratus</i>	CO	Protected
Pileated Woodpecker	<i>Dryocopus pileatus</i>	PR	Protected
Eastern Wood-Pewee	<i>Contopus virens</i>	PR	Protected
Alder Flycatcher	<i>Empidonax alnorum</i>	PR	Protected
Willow Flycatcher	<i>Empidonax traillii</i>	PO	Protected
Least Flycatcher	<i>Empidonax minimus</i>	CO	Protected
Eastern Phoebe	<i>Sayornis phoebe</i>	CO	Protected
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	CO	Protected
Eastern Kingbird	<i>Tyrannus tyrannus</i>	CO	Protected
Yellow-throated Vireo	<i>Vireo flavifrons</i>	CO	Protected
Blue-headed Vireo	<i>Vireo solitarius</i>	PR	Protected
Warbling Vireo	<i>Vireo gilvus</i>	CO	Protected
Red-eyed Vireo	<i>Vireo olivaceus</i>	CO	Protected
Blue Jay	<i>Cyanocitta cristata</i>	CO	Protected
American Crow	<i>Corvus brachyrhynchos</i>	CO	Game Sp.
Common Raven	<i>Corvus corax</i>	CO	Protected
Horned Lark	<i>Ermophila alpestris</i>	PR	Protect-SC

Common Name	Scientific Name	Breeding Status CO=Confirmed Breeder PR = Probable Breeder PO = Possible Breeder	NY Legal Status Protect-SC = Protected Special Concern Species
Tree Swallow	<i>Tachycineta bicolor</i>	CO	Protected
N. Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	CO	Protected
Bank Swallow	<i>Riparia riparia</i>	PO	Protected
Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	CO	Protected
Barn Swallow	<i>Hirundo rustica</i>	CO	Protected
Black-capped Chickadee	<i>Poecile atricapillus</i>	CO	Protected
Tufted Titmouse	<i>Baeolophus bicolor</i>	PR	Protected
Red-breasted Nuthatch	<i>Sitta canadensis</i>	CO	Protected
White-breasted Nuthatch	<i>Sitta carolinensis</i>	CO	Protected
Brown Creeper	<i>Certhia americana</i>	CO	Protected
Carolina Wren	<i>Thryothorus ludovicianus</i>	PR	Protected
House Wren	<i>Troglodytes aedon</i>	CO	Protected
Winter Wren	<i>Troglodytes troglodytes</i>	CO	Protected
Golden-crowned Kinglet	<i>Regulus satrapa</i>	PR	Protected
Eastern Bluebird	<i>Sialia sialis</i>	CO	Protected
Veery	<i>Catharus fuscescens</i>	CO	Protected
Swainson's Thrush	<i>Catharus ustulatus</i>	PR	Protected

Common Name	Scientific Name	Breeding Status CO=Confirmed Breeder PR = Probable Breeder PO = Possible Breeder	NY Legal Status Protect-SC = Protected Special Concern Species
Hermit Thrush	<i>Catharus guttatus</i>	CO	Protected
Wood Thrush	<i>Hylocichla mustelina</i>	CO	Protected
American Robin	<i>Turdus migratorius</i>	CO	Protected
Gray Catbird	<i>Dumetella carolinensis</i>	CO	Protected
Northern Mockingbird	<i>Mimus polyglottos</i>	PR	Protected
Brown Thrasher	<i>Toxostoma rufum</i>	CO	Protected
European Starling	<i>Sturnus vulgaris</i>	CO	Unprotected
Cedar Waxwing	<i>Bombycilla cedrorum</i>	CO	Protected
Blue-winged Warbler	<i>Vermivora pinus</i>	CO	Protected
Nashville Warbler	<i>Vermivora ruficapilla</i>	PR	Protected
Yellow Warbler	<i>Dendroica petechia</i>	CO	Protected
Chestnut-sided Warbler	<i>Dendroica pensylvanica</i>	CO	Protected
Magnolia Warbler	<i>Dendroica magnolia</i>	CO	Protected
Black-throated Blue Warbler	<i>Dendroica caerulescens</i>	PR	Protected
Yellow-rumped Warbler	<i>Dendroica coronata</i>	CO	Protected
Black-throated Green Warbler	<i>Dendroica virens</i>	CO	Protected
Blackburnian Warbler	<i>Dendroica fusca</i>	CO	Protected

Common Name	Scientific Name	Breeding Status CO=Confirmed Breeder PR = Probable Breeder PO = Possible Breeder	NY Legal Status Protect-SC = Protected Special Concern Species
Cerulean Warbler	<i>Dendroica cerulea</i>	PR	Protect -SC
Black & White Warbler	<i>Mniotilta varia</i>	PR	Protected
American Redstart	<i>Setophaga ruticilla</i>	PR	Protected
Ovenbird	<i>Seiurus aurocapilla</i>	CO	Protected
Northern Waterthrush	<i>Seiurus noveboracensis</i>	CO	Protected
Louisiana Waterthrush	<i>Seiurus motacilla</i>	CO	Protected
Mourning Warbler	<i>Oporornis philadelphia</i>	CO	Protected
Common Yellowthroat	<i>Geothlypis trichas</i>	CO	Protected
Canada Warbler	<i>Wilsonia canadensis</i>	CO	Protected
Scarlet Tanager	<i>Piranga olivacea</i>	CO	Protected
Eastern Towhee	<i>Pipilo erythrophthalmus</i>	CO	Protected
Chipping Sparrow	<i>Spizella passerina</i>	CO	Protected
Field Sparrow	<i>Spizella pusilla</i>	CO	Protected
Vesper Sparrow	<i>Pooecetes gramineus</i>	CO	Protect - SC
Savannah Sparrow	<i>Passerculus sanwicensis</i>	CO	Protected
Song Sparrow	<i>Melospiza melodia</i>	CO	Protected
Swamp Sparrow	<i>Melospiza georgiana</i>	PR	Protected
White-throated Sparrow	<i>Zonotrichia albicollis</i>	CO	Protected

Common Name	Scientific Name	Breeding Status CO=Confirmed Breeder PR = Probable Breeder PO = Possible Breeder	NY Legal Status Protect-SC = Protected Special Concern Species
Dark-eyed Junco	<i>Junco hyemalis</i>	CO	Protected
Northern Cardinal	<i>Cardinalis cardinalis</i>	CO	Protected
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	CO	Protected
Indigo Bunting	<i>Passerina cyanea</i>	CO	Protected
Bobolink	<i>Dolichonyx oryzivorus</i>	CO	Protected
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	CO	Protected
Eastern Meadowlark	<i>Sturnella magna</i>	CO	Protected
Common Grackle	<i>Quiscalus quiscula</i>	CO	Protected
Brown-headed Cowbird	<i>Molothrus ater</i>	CO	Protected
Baltimore Oriole	<i>Icterus galbula</i>	CO	Protected
Purple Finch	<i>Carpodacus purpureus</i>	CO	Protected
House Finch	<i>Carpodacus mexicanus</i>	PO	Protected
Red Crossbill	<i>Loxia curvirostra</i>	CO	Protected
White-winged Crossbill	<i>Loxia Leucotera</i>	PR	Protected
Pine Siskin	<i>Carduelis pinus</i>	PR	Protected
American Goldfinch	<i>Carduelis tristis</i>	CO	Protected
Evening Grosbeak	<i>Coccothraustes vespertinus</i>	CO	Protected
House Sparrow	<i>Passer domesticus</i>	CO	Unprotected

APPENDIX III WILDLIFE HARVEST DATA

A. Turkey

Reported Turkey Harvested, 1993-2002 in Towns Containing Portions of the Pharsalia Woods Unit

Turkey Harvest By Town - Spring											
Towns	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	AVG.
Otselic	22	9	20	21	18	19	15	13	13	16	17
Pitcher	7	11	6	7	6	3	6	11	7	7	7
Pharsalia	13	8	19	15	12	9	10	12	8	8	11
Plymouth	7	8	19	20	10	8	11	8	11	9	11
Average	12	9	16	16	12	10	11	11	10	10	12

Source: New York State Turkey Fact Book

Turkey Harvest By Town - Fall											
Towns	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	AVG.
Otselic	22	14	19	11	11	7	18	8	14	4	13
Pitcher	14	5	7	4	8	3	10	5	5	4	7
Pharsalia	14	7	15	6	3	7	14	8	13	5	9
Plymouth	14	12	16	3	7	5	3	2	9	5	8
Average	16	10	14	6	7	5	11	6	10	5	9

Source: New York State Turkey Fact Book

B. Beaver

Beaver Populations Within the Pharsalia Unit

Objective for Active Beaver Colonies/Square Mile: 0.30

Potential Site for Beaver Colonies/Square Mile: 1.07

Estimate of Beaver Population on the Pharsalia Woods Unit

Town	Area (mi²)	Potential Colony Sites (mi²)	Active Colony Sites (mi²)
Otselic	0.23mi ²	1.30	0.07
Pitcher	2.63 mi ²	2.81	0.79
Pharsalia	12.30 mi ²	13.16	3.69
Plymouth	5.07 mi ²	5.42	1.52

Source: Gotie, R.F. Beaver and Otter Seasons Memo, NYSDEC internal publication, August 2003.

Pelt Sealed Beaver 1996-2002 in Towns Within the Pharsalia Woods Unit

Town	1996	1997	1998	1999	2000	2001	2002	Average
Otselic	5	21	9	8	20	0	18	13
Pitcher	12	3	13	2	0	0	3	8
Pharsalia	32	12	21	25	20	1	27	19
Plymouth	3	7	6	10	9	0	14	7

Source: NYSDEC 1996-1997 Small Game Hunter Survey

C. Coyote

Pelt Sealed Coyote 1996-2002 in Towns Having Portions of the Pharsalia Woods Unit

Town	1996	1997	1998	1999	2000	2001	2002	Average
Otselic	0	1	0	0	1	1	3	1
Pitcher	1	0	0	0	1	4	2	2
Pharsalia	0	0	2	2	4	1	1	2
Plymouth	0	1	0	1	0	2	2	1

Source: NYSDEC 1996-1997 Small Game Hunter Survey

D. Deer

Deer Harvest Records for Towns Having Portions of the Pharsalia Woods Unit

Deer Kill By Town											
Towns	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	AVG.
Otsellic	201	86	100	106	113	176	240	258	201	152	163
Pitcher	147	74	77	77	123	154	164	150	185	112	126
Pharsalia	194	102	62	114	90	171	166	222	202	121	144
Plymouth	273	134	146	144	136	199	239	301	237	206	202
Average	203	99	96	110	116	175	202	233	206	148	159

Source: 2002 New York State 20 Yr. Deer Book

Adult Bucks Killed/Sq. Mile											
Towns	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	AVG.
Otsellic	1.96	1.52	1.93	1.88	1.88	2.47	2.86	3.38	3.27	2.45	2.36
Pitcher	2.33	1.88	1.92	1.78	3.28	2.96	2.82	2.58	2.82	2.54	2.49
Pharsalia	2.07	1.41	1.06	1.81	1.64	2.37	1.79	2.57	2.57	1.56	1.89
Plymouth	2.71	2.03	2.43	2.48	2.36	2.90	2.55	4.00	3.06	2.73	2.73
Average	2.27	1.71	1.84	1.99	2.29	2.68	2.51	3.13	2.93	2.32	2.37

Source: 2002 New York State 20 Yr. Deer Book

E. Small Game Harvest Estimates 1996-1997 Within the Pharsalia Woods Unit

Town in UMP	Sq. Miles	Rabbit	Squirrel	Hare	Raccoon	Red Fox	Gray Fox
Otsellic	0.23	2	2	0	1	0	0
Pitcher	2.63	21	28	2	7	1	1
Pharsalia	12.30	100	129	10	34	4	3
Plymouth	5.07	41	53	4	14	2	1

Town in UMP	Sq. Miles	Grouse	Pheasant	Woodcock	Ducks	Geese	Woodchuck
Otsellic	0.23	1	1	0	1	0	2
Pitcher	2.63	12	6	1	13	1	25
Pharsalia	12.30	57	28	6	59	6	119
Plymouth	5.07	24	12	2	24	3	49

Source: NYSDEC 1996-1997 Small Game Hunter Survey

APPENDIX IV DEPARTMENT LAWS, RULES, REGULATIONS AND POLICIES

A. Environmental Conservation Laws

ECL Article 8	Environmental Quality Review
ECL Article 9	Lands and Forests
ECL Article 11	Fish and Wildlife
ECL Article 15	Water Resources
ECL Article 23	Mineral Resources
ECL Article 24	Freshwater Wetlands
ECL Article 33	Pesticides
ECL Article 51	Implementation of Environmental Quality Bond Act/1972
ECL Article 52	Implementation of Environmental Quality Bond Act/1972
ECL Article 71	Enforcement

B. Abstracts of Codes, Rules and Regulations of New York State

Title 6, Chapter II, Lands and Forests - Part 190 - Use of State Forests

Section 190.0 Introduction

(a) Except as otherwise provided, the provisions of this Part shall apply to all persons entering upon or using State lands under the department's jurisdiction that are administered by the Division of Lands and Forests, the Division of Operations, or both, including but not limited to such lands as unique areas, State forests, reforestation areas, multiple use areas, forest preserve, conservation areas, natural resource management areas, preserves, campgrounds and environmentally sensitive lands, and to those rights owned and managed by the State as conservation easements as defined in section 190.12 of this title.

(b) *Definitions.* As used in this Chapter, the following words shall have the indicated meanings:

- (1) *Bicycle* shall mean a vehicle with two or more wheels, a steering handle, a saddle seat, or seats and pedals by which it is propelled.
- (2) *Camp* shall mean any form of temporary shelter, including but not limited to a tent, motor home travel trailer, mobile home, or the use of any vehicle for shelter or sleeping.
- (3) *Commissioner* shall mean the State Commissioner of Environmental Conservation.
- (4) *Conservation easement* means an easement, covenant, restriction..., which limits or restricts development, management or use of such real property for the purpose of preserving or maintaining [its] scenic, open..., or natural condition...
- (5) *Department* means the New York State Department of Environmental Conservation.

(6) *Environmentally sensitive lands* means State lands of exceptional scenic beauty, exceptional forest character, open space, pine barrens, trailways, unique character or public access acquired under the authority of section 52-0701 of the Environmental Conservation Law.

(7) *Mechanically propelled vessel* shall mean any boat or other vessel for transporting personnel, supplies or material on water, which incorporates a motor or engine of any type for propulsion.

(8) *Motor vehicle* shall mean a device for transporting personnel, supplies or material incorporating a motor or an engine of any type for propulsion, and with wheels, tracks, skids, skis, air cushion or other contrivance for traveling on or adjacent to land, water or ice. It shall include such vehicles as automobiles, trucks, jeeps, all-terrain vehicles, duffel carriers, snowcats, bulldozers and other earth-moving equipment, but shall not include snowmobiles.

(9) *Motorized equipment* means machines not designed for transporting people, supplies or material, or for earth moving but incorporating a motor, engine or other non-living power source to accomplish a task, such as, but not limited to, chain saws, brush saws, rotary or other mowers, rock drills, cement mixers, and generators.

(10) *Person with a disability* for the purposes of this Part shall mean a person with a physical impairment that substantially limits one or more of the major life activities of such individual.

(11) *Public campgrounds* mean any intensive use area designated as a public campground, operated by the Department of Environmental Conservation, where a user fee is collected for public use.

(12) *Self-issuing permit* means a department form which is filled out by visitors at trailhead register boxes or is issued by a department employee, the original of which is deposited in the register box and a copy of which is carried by the visitor. Such permits may include information on rules and regulations, safety, and general backcountry guidelines.

(13) *Structure* shall mean any object or improvement constructed, installed or placed on State lands, including but not limited to trails, roads, bridges, ramps, buildings, sheds, lean-tos, picnic tables, monuments, memorials, permanent tree stands or permanent hunting blinds, posts, rails, handrails, steps, fences, pipelines, oil, gas and other well structures, septic systems, fuel tanks, utility lines, including but not limited to telephone, electric and cable, mobile homes, campers, trailers, signs, docks and dams, except that tents, campers, temporary blinds and other temporary objects related to authorized recreational activities shall not be considered structures for the purposes of this definition, provided that such objects are in compliance with rules and regulations governing such activities on State lands.

(14) *Unique area* definition.

(15) *Wilderness area* definition.

Section 190.1 Fire

- (a) No fires are permitted except for cooking, warmth or smudge. No fire shall be lit until all flammable material has been removed from its perimeter as is necessary to prevent its spread. No fires shall be left unattended until extinguished.
- (b) No person shall deposit lighted matches, cigars, cigarettes or other burning tobacco where they will cause fire.
- (c) No wood, except from dead and down trees or from supplies furnished by the department, shall be used for fuel.

Section 190.2 Official signs and structures

- (a) No person shall deface, mutilate or destroy any department sign, structure, barrier or object.
- (b) No person shall throw, dump, deposit or place or cause to be thrown, dumped, deposited or placed on or in any department lands or structures any refuse, trash, garbage, rubbish, litter or any nauseous or offensive matter.

Section 190.3 Camping sites

- (a) Areas used for temporary camping and adjacent lands under the jurisdiction of the department must be kept in a neat, clean and sanitary condition. Garbage and refuse must either be deposited in receptacles provided, or removed.
- (b) Camping is prohibited within 150 feet of any road, trail, spring, stream, pond or other body of water except at camping areas designated by the department.
- (c) No person may pollute in any manner nor deposit waste material of any kind in or on waters under the jurisdiction of the department.
- (d) Adirondack Park camping regulations.
- (e) Adirondack Park camping regulations.
- (f) No person other than a qualified person with a disability and that person's associated camping group shall occupy any camping site that the Department has designated as "reserved" for use by persons with disabilities.

Section 190.4 Camping permits

- (a) Temporary camping in one location for four nights or more is prohibited except under permit. Except during the big game hunting season, no temporary camping permit will be issued to any person for a period in excess of 14 consecutive nights. No temporary camping permit may be renewed, or a new permit issued, to the same person for the same location in the same calendar year.

- (b) Temporary camping is restricted in certain posted areas and no person may camp on such areas without a permit.
- (c) Upon termination of camping all equipment and supplies must be removed from State land. The storage of personal property on State lands is prohibited.
- (d) No temporary camping permits will be issued to individuals under 18 years of age.
- (e) No group of 10 or more individuals may camp on State lands at any time except under permit.

Section 190.5 Permissible structures

(a) Permits for the erection of permanent tent platforms and/or lean-tos (open camps) will not be issued by the department under any condition.

No person shall erect a tent platform or lean-to (open camp).

- (b) The transfer of existing lean-tos (open camps) will not be permitted under any condition.
- (c) Description of when permits for lean-tos (open camps) will be cancelled.
- (d) Any of the above structures heretofore erected in accordance with department standard plans are and shall remain the property of the State.
- (e) Temporary wooden platforms may be erected in connection with any tent camping permit but shall be removed at the expiration of the permit. No person shall erect tar paper or plastic structures of any sort.
- (f) Portable canvas houses with or without platforms are permitted under general camping permits.
- (g) Camping permits granted under subdivision (a) of section 190.4 of this Part will permit the use of tents without platforms or on temporary wooden platforms. When occupied for more than three successive nights, permits for the use of a lean-to (open camp) shall be secured in accordance with subdivision (a) of section 190.4 of this Part and the department may grant similar permits to persons other than the builder when not occupied by him under permit.

Section 190.6 Open camps

- (a) Open camps (lean-tos) may not be occupied by the same person or persons for more than three successive nights or for more than 10 nights in any one calendar year, provided others wish to use such camps.
- (b) The enclosure of the fronts of open camps is prohibited, except by tying canvas or nylon tarpaulins in place or erecting snow walls. The use of wood, nails, screws or other fasteners is prohibited.
- (c) The erection of tents in open camps is prohibited.

Section 190.7 Public campgrounds

Lists of additional public use requirements when a public campground exists on state land. There are no public campgrounds on the Unit.

Section 190.8 General

- (a) The use of State lands or any structures or improvements thereon for private revenue or commercial purposes is prohibited, except as authorized by section 190.7 of this title and Environmental Conservation Law sections 9-0505, 9-0507 and Article 11.
- (b) Addresses mooring of mechanically propelled vessels.
- (c) No boat of any kind shall be tied up or otherwise fastened to any State dock so as to prevent free access to such structure.
- (d) The use of toboggans, sleds and snowmobiles on ski trails and ski slopes is prohibited.
- (e) Any tent or other camping structure left unoccupied for more than 48 hours may be taken down or removed by the department.
- (f) The sale of all alcoholic beverages is prohibited on all State lands at any time except by concessionaires and then only when such sales are provided for in concession agreements.
- (g) No person shall deface, remove, destroy or otherwise injure in any manner whatsoever any tree, flower, shrub, fern, fungi or other plant organisms, moss or other plant, rock, soil, fossil or mineral or object of archaeological or paleontological interest found or growing on State land, except for personal consumption or under permit from the Commissioner of Environmental Conservation and the Commissioner of Education, pursuant to section 233 of the Education Law.
- (h) Gambling for money or any other valuable thing upon any State land is prohibited.
- (i) No person shall erect or post any notice or sign upon State land at any time.
- (j) No person shall, while on State land or waters under the jurisdiction of the department:
 - (1) intentionally obstruct, prevent or attempt to prevent any officers or employees of the department from performing their legal duties, by means of intimidation, physical force, interference or disobedience of any lawful order or by means of any independently unlawful act;
 - (2) intentionally expose the private or intimate parts of his or her body in a lewd manner;
 - (3) obstruct vehicular or pedestrian traffic with intent to cause public inconvenience, annoyance or alarm, or recklessly create a risk;
 - (4) engage in fighting or violent, tumultuous or threatening behavior; or
 - (5) engage in any other activity which violates the Penal Law.
- (k) No person shall operate a vehicle on any State truck trail or road maintained by the Department of Environmental Conservation on State reforestation areas at a speed in excess of 25 miles per hour.

- (l) Fourth Lake picnic area boating restriction.
- (m) Use of motor vehicles on State land under the jurisdiction of the Department of Environmental Conservation outside the forest preserve is prohibited, except where specifically permitted by posted notice or by permit issued by the department.
- (n) The riding, driving or leading of horses will be permitted anywhere on State lands under the jurisdiction of the Department of Environmental Conservation unless otherwise prohibited by law, regulation, posted notice or this subdivision. No person shall ride or permit a horse on:
 - (1) land devoted to intensively developed facilities, such as boat launch sites, day use areas, campsites, ski centers, education centers, fish hatcheries, game farms or headquarters complexes, and lands managed for public safety, such as flood control levees;
 - (2) foot trails, except where such trails are part of a publicly maintained road, or are specifically designated to allow travel by horses thereon; and
 - (3) designated snowmobile trails and cross-country ski trails that are covered with ice or snow.
- (o) No person shall use any portion of State lands for agricultural purposes, including but not limited to the grazing of cattle or domestic animals of any kind thereon, unless he has obtained a permit from the department.
- (p) No person shall fail to comply with the instructions contained on a sign of the Department of Environmental Conservation.
- (q) Unless accompanied by a parent or guardian, no person under 21 years of age shall possess alcoholic beverages. Persons age 21 or over who possess alcoholic beverages must produce adequate identification and proof of age upon demand of any peace or police officer.
- (r) No person shall operate or possess a snowmobile on forest access roads, truck trails, roads, trails or other areas on State lands outside of the forest preserve which are posted or designated by the department as closed to snowmobile use.
- (s) No person shall operate or possess a bicycle on forest access roads, truck trails, roads, trails or other areas on State lands outside of the forest preserve which are posted or designated by the department as closed to bicycle use.
- (t) Operation of mechanically propelled vessels.
 - (1) prohibition of operation of mechanically propelled vessels on specific water bodies. The list does not include any water bodies in the Unit.
- (u) No person shall enter or remain upon or use any forest access road, truck trail, road, trail, facility or any other area on State lands that are posted or designated by the department as closed to public use.
- (v) No person shall set, light, use or maintain a fire or campfire of any kind on State lands which are posted or designated by the department to prohibit campfires. Under no circumstances are campfires allowed on any forest access road, truck trail, road, trail or parking area on State lands.
- (w) No person shall erect, construct, install, maintain, store, discard or abandon any structure or any other property on State lands or subsequently use such structure or property on State lands,

except if the structure or property is authorized by the department or is:

- (1) a geocache that is labeled with the owner's name and address and installed in a manner that does not disturb the natural conditions of the site or injure a tree;
 - (2) a camping structure or equipment that is placed and used legally pursuant to this Part;
 - (3) a legally placed trap or appurtenance that is placed and used during trapping season;
 - (4) a tree stand or hunting blind that does not injure a tree, is properly marked or tagged with the owner's name and address or valid hunting or fishing license number, and is placed and used during big game season, migratory game bird season, or turkey season; or
 - (5) a wildlife viewing blind or stand that is placed for a duration not to exceed thirty (30) days in one location per calendar year, does not injure a tree, and is properly marked or tagged with the owner's name and address or valid hunting or fishing license number.
- (x) On State lands, no person shall erect, construct, occupy or maintain any structure that is affixed to a tree by nails, screws or other means that injure or damage the tree except as otherwise authorized by the department.
- (y) No person shall erect, construct, maintain, occupy or use any tree stand that is used, operated, accessed or reached by methods or means which injure or damage a tree on State lands, and no person shall gain access to any structure in a tree on State lands by means that injure or damage the tree.
- (z) No person shall drive a trailer or motor vehicle, including the wheels thereof, into a body of water to launch or retrieve a vessel on State lands which the department has posted or designated as closed to trailer launching of boats.
- (aa) The Commissioner may prohibit campfires or the use of liquid or gaseous fuel camping stoves or lamps on State lands during periods of high fire danger.
- (ab) No person shall possess breakable targets, including but not limited to clay pigeons, on State lands and no person shall target shoot at breakable targets, including but not limited to clay pigeons and glass containers, on State lands. Unless legally engaged in the act of hunting, no person shall discharge firearms on State lands posted or designated as closed to target shooting.
- (ac) On State lands, no person shall sponsor, conduct or participate in any organized event of more than twenty people unless otherwise authorized by the department. Examples of organized events include, but are not limited to: sponsored hikes; archery and fishing tournaments; snowmobile, bicycle, horse and orienteering races, runs, rides or competitions (including biathlons and triathlons); encampments; and re-enactments.
- (ad) No person shall sponsor, conduct or participate in any research project on State lands except under permit from the department. Examples of research include, but are not limited to, population studies, collection of scientific samples, placement of scientific instruments, seismic exploration and archaeological studies. This subdivision shall not apply to bird population data collection such as, but not limited, to Audubon's Christmas Bird Count, the USGS Breeding Bird Survey and Cornell Lab of Ornithology's e-Bird database; nor shall it apply to any other research exempted by the Department in writing on a case by case basis.

(ae) On State lands, no person shall sponsor, conduct or participate in: advertising, weddings, commercial film making activities or film making activities that exclude other public use of the area, and other similar events, except under permit from the department.

(af) No person shall possess paint balls or paint ball guns on State lands, and no person shall sponsor, conduct or participate in any activities associated with the discharging of paint balls on State lands.

Section 190.9 Use of pesticides on State lands

(a) No pesticide shall be applied to any State land under the jurisdiction of the Department of Environmental Conservation except by written authorization from the department.

(b) Description of exceptions for campers.

Section 190.9 - Use of pesticides on State lands - none allowed except by written permission.

Section 190.10 - Unique Areas - special regulations listed by area.

Section 190.11 - Environmentally sensitive lands - lists the sections above that apply to people using sensitive lands (Sections 190.0 - 190.9) seems redundant.

Section 190.12 - Conservation Easements - Applies to all easement lands that the public has a right to access. Goes on to list general prohibitions on use, then lists areas under easements.

Section 190.13 - 190.22 - Repealed or not in use.

Section 190.23 - Specific Areas - List of Ski Centers: Belleayre, Gore and Whiteface.

Section 190.24 - Boat launch sites - specific rules of public use of launch sites.

Section 190.25 - 190.33 - Regulations for specific areas such as Zoar Valley, Lake George, the Olympic Area, etc.

C. Department Policies

Unit Management Planning
Motor Vehicle use
Timber Management
Temporary Revocable Permits

Prescribed Fire
Inventory
Acquisition
Road Construction

Pesticides
Recreational Use
Public Use
State Forest Master Plan

APPENDIX V 2005 PROPERTY TAXES

Taxes Paid to Towns, on Forests in the Pharsalia Woods Unit

State Forest	Town	Acres	Assessment	Town Taxes	County Taxes	School & Library Taxes	Total Taxes
Chen. 5	Pharsalia	6,074.37	6,563,624	18,460	114,426	166,988	299,874
Chen. 5	Plymouth	165.30	158,800	2,079	0	4,423	6,502
Chen. 16	Pitcher	1,799.68	893,725	10,022	0	34,350	44,372
Chen. 16	Pharsalia	35.88	47,783	135	837	959	1,931
Chen. 22	Pharsalia	1,623.54	2,135,847	5,967	37,399	46,680	90,046
Chen. 22	Otselic	246.44	242,782	2,654	5,597	7,255	15,506
Chen. 24	Plymouth	2,926.92	2,326,463	29,603	0	66,981	96,584
Chen. 24	Pharsalia	45.40	53,060	150	929	1,187	2,266
Chen. 36	Plymouth	737.24	522,306	6,838	0	15,968	22,806
Total \$				75,908	159,188	344,791	579,887

* Taxes paid are rounded to the nearest whole dollar.

APPENDIX VI STUMPAGE PRICES

Stumpage Prices (\$/mbf) by Species for 2000 - 2009, All prices are for Doyle Log Rule.

Species	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Hard Maple	740	830	720	720	770	850	910	800	600	525
Red Maple	230	240	210	210	240	270	260	225	250	200
White Ash	350	330	230	250	270	280	250	200	205	225

Species	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Black Cherry	1080	1250	980	1160	1240	1380	1270	1300	1200	800
Hemlock	50	60	50	50	50	60	50	60	70	50

APPENDIX VII AMERICANS WITH DISABILITIES ACT

The Americans with Disabilities Act and Its Influence on Management Actions for Recreation and Related Facilities on State Forests

The Americans with Disabilities Act (ADA), along with the Architectural Barriers Act of 1968 (ABA) and the Rehabilitation Act of 1973; Title V, Section 504, have had a profound effect on the manner by which people with disabilities are afforded equality in their recreational pursuits. The ADA is a comprehensive law prohibiting discrimination against people with disabilities in employment practices, use of public transportation, use of telecommunication facilities and use of public accommodations. Title II of the ADA applies to the Department and requires, in part, that reasonable modifications must be made to its services and programs, so that when those services and programs are viewed in their entirety, they are readily accessible to and usable by people with disabilities. This must be done unless such modification would result in a fundamental alteration in the nature of the service, program or activity or an undue financial or administrative burden to the Department. Since recreation is an acknowledged public accommodation program of the Department, and there are services and activities associated with that program, the Department has the mandated obligation to comply with the ADA, Title II and ADA Accessibility Guidelines, as well as Section 504 of the Rehabilitation Act.

The ADA requires a public entity to thoroughly examine each of its programs and services to determine the level of accessibility provided. The examination involves the identification of all existing programs and services and an assessment to determine the degree of accessibility provided to each. The assessment includes the use of the standards established by Federal Department of Justice Rule as delineated by the Americans with Disabilities Act Accessibility Guidelines (ADAAG, either adopted or proposed) and/or the New York State Uniform Fire Prevention and Building Codes, as appropriate. The development of an inventory of all the recreational facilities or assets supporting the programs and services available on the Unit was conducted during the UMP process. The assessment may establish the need for new or upgraded facilities or assets necessary to meet ADA mandates. The Department is not required to make each of its existing facilities and assets accessible. New facilities, assets and accessibility improvements to existing facilities proposed in this UMP are identified in the “Management Actions” section.

The Americans with Disabilities Act Accessibility Guidelines

The Americans with Disabilities Act (ADA) requires public agencies to employ specific guidelines which ensure that buildings, facilities, programs and vehicles as addressed by the ADA are accessible in terms of architecture and design, transportation and communication to individuals with disabilities. A federal agency known as the Access Board has issued the ADAAG for this purpose. The Department of Justice Rule provides authority to these guidelines.

Currently adopted ADAAG address the built environment: buildings, ramps, sidewalks, rooms within buildings, etc. The Access Board has proposed guidelines to expand ADAAG to cover outdoor developed facilities: trails, camp grounds, picnic areas and beaches. The proposed ADAAG is contained in 36 CFR Part 1195.

ADAAG apply to newly constructed structures and facilities and alterations to existing structures and facilities. Further, it applies to fixed structures or facilities, i.e., those that are attached to the earth or another structure that is attached to the earth. Therefore, when the Department is planning the construction of new recreational facilities, assets that support recreational facilities, or is considering an alteration of existing recreational facilities or the assets supporting them, it must also consider providing access to the facilities or elements for people with disabilities. The standards which exist in ADAAG or are contained in the proposed ADAAG also provide guidance to achieve modifications to trails, picnic areas, campgrounds (or sites) and beaches in order to obtain programmatic compliance with the ADA.

ADAAG Application

Current and proposed ADAAG will be used in assessing existing facilities or assets to determine compliance to accessibility standards. ADAAG is not intended or designed for this purpose, but using it to establish accessibility levels lends credibility to the assessment result. Management recommendations in each UMP will be proposed in accordance with the ADAAG for the built environment, the proposed 36 CFR Part 1195 for outdoor developed areas, the New York State Uniform Fire Prevention and Building Codes, and other appropriate guiding documents. Until such time as the proposed ADAAG becomes an adopted rule which will apply to state governments, the Department is required to use the best information available to comply with the ADA; this information includes, among other things, the proposed guidelines.

APPENDIX VIII SUMMARY OF PHARSALIA WOODS UNIT MANAGEMENT PLAN

Public Survey

A survey was conducted during the public scoping for the development of the draft plan. A total of 37 surveys were received. Responses are summarized by the percentage answering compared to the total number of surveys received. The following text contains the survey and summarized responses:

The Department of Environmental Conservation, Division of Lands and Forests is developing a management plan for the Pharsalia Woods Unit which includes more than 13,500 acres of State forests in the towns of Pitcher, Pharsalia and Plymouth in western Chenango County. The plan will cover all aspects of the management of these forests in the future.

Please take a moment to complete this survey. Your responses will help us to better understand your opinions as we develop the management plan for this Unit.

1. What town and county do you live in?

The Unit is principally in the Towns of Pitcher, Pharsalia & Plymouth.

65% of surveys were from a Unit township or a town adjacent to the towns the Unit is on.

11% were from elsewhere in Chenango County.

24% were from people outside Chenango County.

2. What activities have you participated in on the State forests in this Unit?

Hunting	32%	Fishing	23%	Camping	11%
Mountain biking	2%	Hiking	49%		
Snowmobiling	19%	Cross country skiing	19%		
Horseback riding	5%	Pleasure driving	32%		
Wildlife/nature observation	57%				
Firewood or timber harvesting	8%				
None, I just like knowing it is there	14%				
None, but I enjoy these activities on other State forests (check items above)				5%	
Other: (<i>retriever dog training, ATV use, snowshoeing, FLT maintenance</i>)				14%	

3. I am satisfied with current management practices in the Pharsalia Woods Unit Management Area.

Strongly Agree	11%	Agree	59%	No opinion	14%
Disagree	14%	Strongly Disagree	0%		

4. Over the years, deer browsing has limited regeneration of valuable timber species including: sugar maple, black cherry, white ash, and red maple. Without change, plant and animal species diversity is threatened and there may be a lasting impact on our ability to sustainably harvest timber. Below are some actions that could improve this situation. Which of these do you feel is appropriate. (Check all that apply)

Increase hunters' deer harvest on the forest	68%		
Increase tree harvesting intensity	16%		
Install temporary fencing around each timber sale	5%	No opinion	19%

5. Should DEC pursue issuing hunters special Deer Management Assistance Program (DMAP) permits for use specifically on State forests to temporarily reduce deer populations? This may allow heavily browsed tree seedlings to grow above deer browse height and possibly reduce or eliminate the need for fencing timber sale areas.

Strongly Agree	35%	Agree	41%		
Disagree	11%	Strongly Disagree	11%	No opinion	2%

6. When land is offered for sale from willing sellers, should DEC purchase properties that are adjacent to or surrounded by State land?

Yes	92%	No	8%
-----	------------	----	-----------

If yes, under what conditions (check all that apply):

Consolidate forest boundaries	73%		
Protect a special or rare natural resource	57%		
Improve access	68%		
Other: (<i>Secure FLT trail on state land; For ATV trail</i>) _____			2%

7. How can DEC improve recreational activities on the Pharsalia Woods Unit Management Area? (Check all that apply)

Create a multipurpose loop trail	57%		
Create or improve a specific use trail: _____ (please specify)	41%		

(*Birding trail through diverse habitats, more snowmobile trails, mountain bike trail, hiking trail - 5%, ATV trail - 27%*)

Create an accessible trail for people with disabilities	22%		
Increase the number of designated campsites	11%		
Increase parking, either roadside pull-offs or designated parking lots			46%
Other: _____ (please specify)	16%		

area's surroundings and heritage. This forest of more than 9,000 acres spans from County Route 7 in Pharsalia to Doing Rd. in Plymouth.

Yes, change the name	35%	Don't change the name	38%
No opinion	24%		

If you have a suggestion for a new name, please fill in the blank. We would prefer not to use 'Pharsalia' in the new title to avoid confusion with the Pharsalia Wildlife Management Area.

“Hardscrabble”; “Highlands”; “Canasawacta”; “Stonington”

11. How can management of State forests on the Unit better suit your interests?

Leave forests alone - let nature take its course.

Improve parking/access.

Manage for all aged timber production

More hunting/trapping (2 comments)

More hiking & birding. (2 comments)

Preserve species diversity (2 comments)

Maintain large tracts of undisturbed forest

Designated target shooting places.

Increase law enforcement patrols (2 comments)

Go to bird clubs when you need resources or help

Continue excellent cooperation with the snowmobile clubs

Provide food plots (2 comments)

Require a hunt/fish/trap license or habitat stamp to us the area.

Promote low impact non-motorized recreation

Limit motorized vehicles - no off road use (3 comments)

Make ATV trails (8 comments)

Allow ATVs on seasonal roads like snowmobiles

Make mountain biking trail

Manage for grouse

Issue doe permits to hunters in 7M first before outside the DMU, then hunters will be more effective.

Allow use of crossbows for hunting since many older bow hunters can no longer use conventional bows.

APPENDIX IX

DEC Division of Lands and Forests Management Rules for Establishment of Special Management Zones on State Forests

Streams, Wetlands, Ponds & Lakes	
Streams include naturally occurring perennial and intermittent drainages having defined channels. Special management zone widths are from the edge of high water channels or, for wetlands, the edge of seasonally saturated soils. Distances are in horizontal feet.	
Activity	Guidelines
Gas Drilling Surface Disturbance	Surface disturbance prohibited within 250'.
Silviculture	<p>DEC Classified Wetlands: No timber harvesting equipment allowed in DEC classified wetlands. Any trees cut within DEC classified wetlands must be winched out. Maintain at least 75% of pre-harvest basal area evenly spread throughout both the DEC classified wetlands and a 100' special management zone⁴ surrounding DEC classified wetlands.</p> <p>Unclassified Wetlands: Harvesting equipment may operate only during frozen or dry times of year to avoid rutting and cutting of root mat. Maintain at least 75% of pre-harvest basal area throughout both the wetland and a 100' special management zone surrounding the wetland.</p> <p>Ponds & Lakes: 100' protection buffer³ next to water body & additional 150' special management zone retaining at least 50% of pre-harvest basal area.</p> <p>Perennial Streams²: 100' special management zone on each side of stream. First 50' next to stream is a protection buffer. The next 50' - maintain at least 75% of pre-harvest basal area.</p> <p>Intermittent Streams¹: 100' special management zone on each side of naturally occurring intermittent streams. Maintain at least 75% of pre-harvest basal area within special management zone.</p>

Streams, Wetlands, Ponds & Lakes	
Skid Trails	<p>Keep skid trails at least 100' from wetlands and water bodies and at least 150' away when adjoining slopes are greater than 10%.</p> <p>Must follow guidelines presented in New York State Forestry BMPs for Water Quality Field Guide (BMP Field Guide) and stream crossing permit procedures.</p>
Haul Roads*	Avoid construction within 250' wetlands. Must follow BMPs.
Log decks & Access Roads	<p>Must follow BMP Field Guide.</p> <p>Keep log decks and landings at least 250' from all wetlands, streams and ponds.</p>

Spring Seeps	
<p>A spring seep is a permanent spring where water emerges from the ground and flows across the soil surface without defined bed and banks. The limits of the seep are demarked by the extent of surface water.</p>	
Gas Drilling Surface Disturbance	Surface disturbance prohibited within 250'.
Silviculture	Maintain 100' special management zone with at least 50% of pre-harvest basal area. Fell trees away from seeps.
Skid Trails and Haul Roads	No skidding through seep origin. Where roads and trails must cross seeps, locate them as far from the origin as possible and ensure that crossings are at right angles to the seep.

Vernal Pools	
<p>Vernal pools are naturally occurring shallow depressions on level ground, which hold water on a seasonal basis and have no permanent above-ground outlet.</p>	

Vernal Pools	
Gas Drilling Surface Disturbance	Surface disturbance prohibited within 250'.
Silviculture	Establish special management zone <u>at least</u> (if possible, wider is better) 150' wide around perimeter of pool. Maintain at least 50% crown cover and minimize disturbance of leaf litter and soil. In special management zone, restrict logging to frozen ground conditions if possible. Do not create ruts deeper than 6 inches. If rutting begins, immediately suspend operations. Any ruts must be leveled. Keep tops & slash out of pool area.
Main Skid Trails	Keep main trails out of the 150' wide special management zone.
Skid Trails and Haul Roads	No skidding through seep origin. Where roads and trails must cross seeps, locate them as far from the origin as possible and ensure that crossings are at right angles to the seep.

Recreational Trails	
Gas Drilling Surface Disturbance	Surface disturbance prohibited within 250' of trails.
Silviculture	Where possible, avoid clear cutting over and across any recreational trail. Whenever harvesting close to or over a recreational trail, contact must be made with representatives of known trail adopter or trail user groups to explain the rationale for the harvest. Additionally, educational or interpretive signs explaining the rationale for the harvest must be installed on site. Tops & slash must be kept at least 25' back from the edge of trails.

Note: These are the minimum guidelines. They may be exceeded where necessary to protect natural resources or recreational facilities.

* Haul roads refer to roads constructed for removal of timber or mineral resources.

Possible Exemption Considerations

1. Habitat Improvement:

Tree cutting or other habitat management activities within management zones may be undertaken to improve habitat for specific species. Must be explained in stand treatment prescription and approved by Central Office.

2. Control of Invasive Species:

Tree cutting, removal or deadening within management zones may be undertaken within management zones in order to control or eradicate invasive species. Central Office approval is required.

3. Any other activity proposed to be undertaken within a special management zone must be approved by Central Office on a case-by-case basis.

All protection buffers will be designated on the ground with flagging or paint. For Harvests: Buffers will be identified on sale maps and equipment restrictions will be listed in the Notice of Sale.

DEFINITIONS

1. Intermittent Stream

A naturally occurring watercourse that periodically goes dry or that has a stream flow of less than 0.1 cubic feet per second, as estimated using a method or methods generally accepted and in common use and practice at the relevant time. **Intermittent Streams** should have definable banks and bed with widths between banks greater than 12" and a depth from high water mark to the bed greater than 4".

2. Perennial Stream

That portion of any fresh surface watercourse for which the New York State Department of Environmental Conservation (DEC) has adopted or may hereafter adopt pursuant to applicable law or regulation, the following classifications or standards: AA, AA (T), AA (TS), A, A (T), A (TS), B, B (T), B (TS), C (T), C (TS), or D and appearing on maps (USGS or otherwise)

maintained and on file with the DEC, or portions of such streams if the classification is verified in the field, or by similar method, by the DEC.

3. Protection Buffer

A vegetation strip or management zone a minimum of fifty feet wide maintained to mitigate the impacts of actions on adjacent lands, to enhance aesthetic values, or as a best management practice. No vehicular, construction or harvesting equipment will be allowed to operate within **Protection Buffers** unless at designated crossings to access other management areas.

Protection Buffers will not be considered for active commercial forest management or salvage and should be generally allowed to develop naturally. Any vegetation to be removed or disturbed within **Protection Buffers** for any purpose must have appropriate justification with documentation in an approved *Conceptual Approval Form*. Intervention will be considered to protect forest health (e.g. fire or invasive plant or animal control), to protect, restore or enhance significant habitats, to develop recreational opportunity and public access and to mitigate erosion potential. **Protection Buffers** will be installed around designated streams, wetlands, ponds and lakes as described by the *DEC Division of Lands and Forests Management Rules for Establishment of Special Management Zones on State Lands*, and any other land feature requiring protection. The external boundary of **Protection Buffers**, defining the border with adjacent land, will be designated with flagging or paint that can be discernable from other markings during active management. Widths will be measured to the accuracy of a pace and may vary based on terrain and other limiting factors. **Protection Buffers** may be part of a Special Management Zones.

4. Special Management Zone

A vegetation strip or management zone extending from wetland boundaries, high-water marks on perennial and intermittent streams, vernal pools, spring seeps, ponds and lakes, recreational trails, camp grounds and other land features requiring special consideration. Portions of a **Special Management Zone** may include protection buffers where applicable as described in the *DEC Division of Lands and Forests Management Rules for Establishment of Special Management Zones on State Lands*.

Buffers unless at designated crossings to access other management areas. **Protection Buffers** will not be considered for active commercial forest management or salvage and should be generally allowed to develop naturally. Any vegetation to be removed or disturbed within **Protection Buffers** for any purpose must have appropriate justification with documentation in an approved *Conceptual Approval Form*. Intervention will be considered to protect forest health (e.g. fire or invasive plant or animal control), to protect, restore or enhance significant habitats, to develop recreational opportunity and public access and to mitigate erosion potential. **Protection Buffers** will be installed around designated streams, wetlands, ponds and lakes as described by the *DEC Division of Lands and Forests Management Rules for Establishment of Special Management Zones on State Lands*, and any other land feature requiring protection. The external boundary of **Protection Buffers**, defining the border with adjacent land, will be designated with flagging or paint that can be discernable from other markings during active management. Widths will be measured to the accuracy of a pace and may vary based on terrain and other limiting factors. **Protection Buffers** may be part of a Special Management Zones.

4. Special Management Zone

A vegetation strip or management zone extending from wetland boundaries, high-water marks on perennial and intermittent streams, vernal pools, spring seeps, ponds and lakes, recreational trails, camp grounds and other land features requiring special consideration. Portions of a **Special Management Zone** may include protection buffers where applicable as described in the *DEC Division of Lands and Forests Management Rules for Establishment of Special Management Zones on State Lands*.

APPENDIX X SEQR CONSIDERATIONS

The State Environmental Quality Review Act (SEQRA) requires the consideration of environmental factors early in the planning stages of any proposed action(s) that are undertaken, funded or approved by a local, regional or State agency. A Long Environmental Assessment Form (LEAF) is used to identify and analyze relevant areas of environmental concern based upon the management actions in the draft Unit management plan. For this plan, SEQRA review has been initiated with the preparation of the LEAF. Upon review of the information contained in the LEAF, there will not be any large or important impacts associated with any of the management actions, therefore there will not be a significant impact on the environment and a Negative Declaration will be prepared. Any changes that are made in this plan, based upon public comments, will be considered in the LEAF and determination of significance when the final plan is written.

APPENDIX XI MAPS

The following pages contain maps of the Pharsalia Woods Unit.