

Appendix 11-A

Plant and Wildlife Species Lists

White Creek Solar
Towns of Leicester and York
Livingston County, New York

Matter No. 23-00059



WILDLIFE SPECIES LIST

Based on existing data, on-site surveys, and/or the availability of suitable habitat, the following species could occur in the project area at some time during the year:

Notes	Common Name	Scientific Name	Conservation Status
Bird Species			
	<u>Ducks, Geese, and Waterfowl</u>	<u>Anatidae</u>	
2,4,6	wood duck	<i>Aix sponsa</i>	
2,4	northern pintail	<i>Anas acuta</i>	SGCN
2,3,4	green-winged teal	<i>Anas crecca</i>	
1,2,3,4,6,7	mallard	<i>Anas platyrhynchos</i>	
2,3,4	American black duck	<i>Anas rubripes</i>	SGCN-HP
3	greater white-fronted goose	<i>Anser albifrons</i>	
2,4,7	snow goose	<i>Anser caerulescens</i>	
3	lesser scaup	<i>Aythya affinis</i>	SGCN
3	redhead	<i>Aythya americana</i>	
3,4	ring-necked duck	<i>Aythya collaris</i>	
3,4	cackling goose	<i>Branta hutchinsii</i>	
1,2,3,4,6,7	Canada goose	<i>Branta canadensis</i>	
3,4	bufflehead	<i>Bucephala albeola</i>	
3	common goldeneye	<i>Bucephala clangula</i>	SGCN
3	long-tailed duck	<i>Clangula hyemalis</i>	SGCN
4	trumpeter swan	<i>Cygnus buccinator</i>	
2,3,4	tundra swan	<i>Cygnus columbianus</i>	
2,3,4	hooded merganser	<i>Lophodytes cucullatus</i>	
2,3,4	American wigeon	<i>Mareca americana</i>	
4	Eurasian wigeon	<i>Mareca penelope</i>	
3,4	gadwall	<i>Mareca strepera</i>	
3,4	common merganser	<i>Mergus merganser</i>	
3	ruddy duck	<i>Oxyura jamaicensis</i>	SGCN
2,4	northern shoveler	<i>Spatula clypeata</i>	
2,4	blue-winged teal	<i>Spatula discors</i>	SGCN
	<u>Pheasants, Grouse, and Allies</u>	<u>Phasianidae</u>	
1,2,3,4,6,7	wild turkey	<i>Meleagris gallopavo</i>	
2,4	ring-necked pheasant	<i>Phasianus colchicus</i>	
	<u>Grebes</u>	<u>Podicipedidae</u>	
4	horned grebe	<i>Podiceps auritus</i>	SGCN
4	pied-billed grebe	<i>Podilymbus podiceps</i>	ST, SGCN
	<u>Pigeons, Doves</u>	<u>Columbidae</u>	
1,2,3,4,6,7	rock pigeon	<i>Columba livia</i>	
1,2,3,4,6,7	mourning dove	<i>Zenaida macroura</i>	
	<u>Cuckoos</u>	<u>Cuculidae</u>	
1,2,4,6	yellow-billed cuckoo	<i>Coccyzus americanus</i>	
1,2,4	black-billed cuckoo	<i>Coccyzus erythrophthalmus</i>	SGCN
	<u>Swifts</u>	<u>Apodidae</u>	
1,2,4,6,7	chimney swift	<i>Chaetura pelagica</i>	

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Notes	Common Name	Scientific Name	Conservation Status
	<u>Hummingbirds</u>	<u>Trochilidae</u>	
1,2,4,6	ruby-throated hummingbird	<i>Archilochus colubris</i>	
	<u>Rails, Gallinules, and Coots</u>	<u>Rallidae</u>	
4	American coot	<i>Fulica americana</i>	
2,4	common gallinule	<i>Gallinula galeata</i>	
2,4	sora rail	<i>Porzana carolina</i>	
2,4	Virginia rail	<i>Rallus limicola</i>	
	<u>Plovers</u>	<u>Charadriidae</u>	
4	semipalmated plover	<i>Charadrius semipalmatus</i>	
1,2,4,6,7	killdeer	<i>Charadrius vociferus</i>	
1,4	American golden-plover	<i>Pluvialis dominica</i>	
	<u>Sandpipers</u>	<u>Scolopacidae</u>	
2,4,6	spotted sandpiper	<i>Actitis macularius</i>	
4	upland sandpiper	<i>Bartramia longicauda</i>	ST, SGCN-HP
4	dunlin	<i>Calidris alpina</i>	
4	stilt sandpiper	<i>Calidris himantopus</i>	
2,4	pectoral sandpiper	<i>Calidris melanotos</i>	
2,4,6	least sandpiper	<i>Calidris minutilla</i>	
4	semipalmated sandpiper	<i>Calidris pusilla</i>	
2,4	Wilson's snipe	<i>Gallinago delicata</i>	
2,4	American woodcock	<i>Scolopax minor</i>	SGCN
2,4	greater yellowlegs	<i>Tringa melanoleuca</i>	SGCN
2,4	lesser yellowlegs	<i>Tringa flavipes</i>	
2,4	solitary sandpiper	<i>Tringa solitaria</i>	
	<u>Gulls, Terns</u>	<u>Laridae</u>	
2,4	Bonaparte's gull	<i>Chroicocephalus philadelphia</i>	SGCN
2,3,4,7	herring gull	<i>Larus argentatus</i>	
2,3,4,6,7	ring-billed gull	<i>Larus delawarensis</i>	
2,4	lesser black-backed gull	<i>Larus fuscus</i>	
4	great black-backed gull	<i>Larus marinus</i>	
6	Caspian tern	<i>Hydroprogne caspia</i>	
	<u>Loons</u>	<u>Gaviidae</u>	
3	common loon	<i>Gavia immer</i>	SSC, SGCN
	<u>Cormorants</u>	<u>Phalacrocoracidae</u>	
6	double crested cormorant	<i>Phalacrocorax auritus</i>	
	<u>Herons, Bitterns</u>	<u>Ardeidae</u>	
2,4	great egret	<i>Ardea alba</i>	SGCN
1,2,3,4,6,7	great blue heron	<i>Ardea herodias</i>	
4	American bittern	<i>Botaurus lentiginosus</i>	SSC, SGCN
1,2,4	green heron	<i>Butorides virescens</i>	
2,4	least bittern	<i>Ixobrychus exilis</i>	ST, SGCN

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Notes	Common Name	Scientific Name	Conservation Status
	<u>American Vultures</u>	<u>Cathartidae</u>	
1,2,4,6,7	turkey vulture	<i>Cathartes aura</i>	
	<u>Osprey</u>	<u>Pandionidae</u>	
4,6	osprey	<i>Pandion haliaetus</i>	SSC
	<u>Hawks</u>	<u>Accipitridae</u>	
1,2,3,4,6,7	Cooper's hawk	<i>Accipiter cooperii</i>	SSC
1,3,4,7	sharp-shinned hawk	<i>Accipiter striatus</i>	SSC
1,2,3,4,6,7	red-tailed hawk	<i>Buteo jamaicensis</i>	
3,4,7	rough-legged hawk	<i>Buteo lagopus</i>	
1	red-shouldered hawk	<i>Buteo lineatus</i>	SSC, SGCN
1,7	broad-winged hawk	<i>Buteo platypterus</i>	
1,2,3,4,6,7,11	northern harrier	<i>Circus cyaneus</i>	ST, SGCN
2,3,4,5,7,11	bald eagle	<i>Haliaeetus leucocephalus</i>	ST, SGCN
	<u>Barn-owls</u>	<u>Tytonidae</u>	
	barn owl	<i>Tyto alba</i>	SGCN-HP
	<u>Owls</u>	<u>Strigidae</u>	
2,3,4,5,7,11	short-eared owl	<i>Asio flammeus</i>	SE, SGCN-HP
2,3,4,7	great horned owl	<i>Bubo virginianus</i>	
2,3,4	eastern screech owl	<i>Megascops asio</i>	
1,3	barred owl	<i>Strix varia</i>	
	<u>Kingfishers</u>	<u>Alcedinidae</u>	
1,2,3,4,6	belted kingfisher	<i>Ceryle alcyon</i>	
	<u>Woodpeckers</u>	<u>Picidae</u>	
1,2,3,4,6,7	northern flicker	<i>Colaptes auratus</i>	
1,2,3,4,6,7	pileated woodpecker	<i>Dryocopus pileatus</i>	
1,2,3,4,6,7	downy woodpecker	<i>Dryobates pubescens</i>	
2,3,4,6	hairy woodpecker	<i>Dryobates villosus</i>	
1,2,3,4,6,7	red-bellied woodpecker	<i>Melanerpes carolinus</i>	
3,5,6	red-headed woodpecker	<i>Melanerpes erythrocephalus</i>	SSC, SGCN-HP
1,2,3,4	yellow-bellied sapsucker	<i>Sphyrapicus varius</i>	
	<u>Falcons</u>	<u>Falconidae</u>	
2,3,4,7	merlin	<i>Falco columbarius</i>	
2,4	peregrine falcon	<i>Falco peregrinus</i>	SE, SGCN
1,2,3,4,6,7	American kestrel	<i>Falco sparverius</i>	SGCN
	<u>Tyrant Flycatchers</u>	<u>Tyrannidae</u>	
1,2,4,6	eastern wood-pewee	<i>Contopus virens</i>	
1,2,4	alder flycatcher	<i>Empidonax alnorum</i>	
1,2,4,6	least flycatcher	<i>Empidonax minimus</i>	
1,2,4,6	willow flycatcher	<i>Empidonax traillii</i>	
1,2,4,6	great crested flycatcher	<i>Myiarchus crinitus</i>	
1,2,4,6	eastern phoebe	<i>Sayornis phoebe</i>	

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1,2,4,6	eastern kingbird	<i>Tyrannus tyrannus</i>	
	<u>Vireos</u>	<u>Vireonidae</u>	
1,2,4	yellow-throated vireo	<i>Vireo flavifrons</i>	
1,2,4	warbling vireo	<i>Vireo gilvus</i>	
1,2,6	red-eyed vireo	<i>Vireo olivaceus</i>	
1	blue-headed vireo	<i>Vireo solitarius</i>	
	<u>Shrikes</u>	<u>Laniidae</u>	
2,3,7	northern shrike	<i>Lanius borealis</i>	
	<u>Jays, Crows</u>	<u>Corvidae</u>	
1,2,3,4,6,7	American crow	<i>Corvus brachyrhynchos</i>	
1,2,3,4,6,7	common raven	<i>Corvus corax</i>	
1,2,3,4,6,7	blue jay	<i>Cyanocitta cristata</i>	
	<u>Titmice</u>	<u>Paridae</u>	
1,2,3,4,6,7	tufted titmouse	<i>Baeolophus bicolor</i>	
1,2,3,4,6,7	black-capped chickadee	<i>Poecile atricapillus</i>	
	<u>Larks</u>	<u>Alaudidae</u>	
1,2,3,4,6,7	horned lark	<i>Eromophila alpestris</i>	SSC, SGCN-HP
	<u>Swallows</u>	<u>Hirundinidae</u>	
1,2,4,6,7	barn swallow	<i>Hirundo rustica</i>	
1,2,4	cliff swallow	<i>Petrochelidon pyrrhonota</i>	
4	purple martin	<i>Progne subis</i>	
2,4,6	bank swallow	<i>Riparia riparia</i>	
1,2,4,6	northern rough-winged swallow	<i>Stelgidopteryx serripennis</i>	
1,2,4,6,7	tree swallow	<i>Tachycineta bicolor</i>	
	<u>Kinglets</u>	<u>Regulidae</u>	
2,4	ruby-crowned kinglet	<i>Regulus calendula</i>	
2,3,4	golden-crowned kinglet	<i>Regulus satrapa</i>	
	<u>Nuthatches</u>	<u>Sittidae</u>	
2,3	red-breasted nuthatch	<i>Sitta canadensis</i>	
1,2,3,4,6,7	white-breasted nuthatch	<i>Sitta carolinensis</i>	
	<u>Treecreepers</u>	<u>Certhiidae</u>	
2,3,4	brown creeper	<i>Certhia americana</i>	
	<u>Gnatcatchers</u>	<u>Poliophtilidae</u>	
2,4	blue-gray gnatcatcher	<i>Poliophtila caerulea</i>	
	<u>Wrens</u>	<u>Troglodytidae</u>	
2,4	marsh wren	<i>Cistothorus palustris</i>	
2,3,4,6,7	Carolina wren	<i>Thryothorus ludovicianus</i>	
1,2,4,6	house wren	<i>Troglodytes aedon</i>	

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Notes	Common Name	Scientific Name	Conservation Status
	<u>Starlings</u>	<u>Sturnidae</u>	
1,2,3,4,6,7	European starling	<i>Sturnus vulgaris</i>	
	<u>Mimic Thrushes</u>	<u>Mimidae</u>	
1,2,4,6	gray catbird	<i>Dumetella carolinensis</i>	
1,2,4,6,7	northern mockingbird	<i>Mimus polyglottos</i>	
1,2,4,6	brown thrasher	<i>Toxostoma rufum</i>	SGCN-HP
	<u>Thrushes and Allies</u>	<u>Turdidae</u>	
1,2,4,6	veery	<i>Catharus fuscescens</i>	
6	hermit thrush	<i>Catharus guttatus</i>	
2	gray-cheeked thrush	<i>Catharus minimus</i>	
2,4	Swainson's thrush	<i>Catharus ustulatus</i>	
1,2,4,6	wood thrush	<i>Hylocichla mustelina</i>	SGCN
1,2,3,4,6,7	eastern bluebird	<i>Sialia sialis</i>	
1,2,3,4,6,7	American robin	<i>Turdus migratorius</i>	
	<u>Waxwings</u>	<u>Bombycillidae</u>	
1,2,3,4,6	cedar waxwing	<i>Bombycilla cedrorum</i>	
	<u>Old World Sparrows</u>	<u>Passeridae</u>	
1,2,3,4,6,7	house sparrow	<i>Passer domesticus</i>	
	<u>Finches and Allies</u>	<u>Fringillidae</u>	
7	common redpoll	<i>Acanthis flammea</i>	
7	evening grosbeak	<i>Coccothraustes vespertinus</i>	
1,2,3,4,6	house finch	<i>Haemorhous mexicanus</i>	
1,2,4,7	purple finch	<i>Haemorhous purpureus</i>	
3	pine siskin	<i>Spinus pinus</i>	
1,2,3,4,6,7	American goldfinch	<i>Spinus tristis</i>	
	<u>Longspurs</u>	<u>Calcariidae</u>	
2,4	Lapland longspur	<i>Calcarius lapponicus</i>	
3,4,7	snow bunting	<i>Plectrophenax nivalis</i>	
	<u>New World Sparrows</u>	<u>Passerellidae</u>	
2,4	Nelson's sparrow	<i>Ammodramus nelsoni</i>	
2,6,7	grasshopper sparrow	<i>Ammodramus savannarum</i>	SSC, SGCN-HP
2,3,4,6,7	dark-eyed junco	<i>Junco hyemalis</i>	
2,4,6	swamp sparrow	<i>Melospiza georgiana</i>	
2,4	Lincoln's sparrow	<i>Melospiza lincolnii</i>	
1,2,3,4,6,7	song sparrow	<i>Melospiza melodia</i>	
1,2,4,6,7	savannah sparrow	<i>Passerculus sandwichensis</i>	
1,2,4,6,7	eastern towhee	<i>Pipilo erythrophthalmus</i>	
1,2,4,6,7	vesper sparrow	<i>Pooecetes gramineus</i>	SSC, SGCN-HP
1,2,4,6,7	chipping sparrow	<i>Spizella passerina</i>	
1,2,3,4,6,7	field sparrow	<i>Spizella pusilla</i>	
2,3,7	American tree sparrow	<i>Spizelloides arborea</i>	

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2,3,4,7	white-throated sparrow	<i>Zonotrichia albicollis</i>	
2,3,4,7	white-crowned sparrow	<i>Zonotrichia leucophrys</i>	
	<u>Blackbirds</u>	<u>Icteridae</u>	
2,3,4,6,7	red-winged blackbird	<i>Agelaius phoeniceus</i>	
1,2,4,6,7	bobolink	<i>Dolichonyx oryzivorus</i>	SGCN-HP
2,3,4	rusty blackbird	<i>Euphagus carolinus</i>	SGCN-HP
1,2,4,6	Baltimore oriole	<i>Icterus galbula</i>	
2,4,6	orchard oriole	<i>Icterus spurius</i>	
1,2,3,4,6,7	brown-headed cowbird	<i>Molothrus ater</i>	
1,2,3,4,6,7	common grackle	<i>Quiscalus quiscula</i>	
2,4,6,7	eastern meadowlark	<i>Sturnella magna</i>	SGCN-HP
	<u>New World Warblers</u>	<u>Parulidae</u>	
4	Wilson's warbler	<i>Cardellina pusilla</i>	
1,2,3,4,6	common yellowthroat	<i>Geothlypis trichas</i>	
2,3,4	orange-crowned warbler	<i>Leiothlypis celata</i>	
2,4	Tennessee warbler	<i>Leiothlypis peregrina</i>	
2,4	Nashville warbler	<i>Leiothlypis ruficapilla</i>	
2,4	black-and-white warbler	<i>Mniotilta varia</i>	
1,2	Louisiana waterthrush	<i>Parkesia motacilla</i>	SGCN
4	northern waterthrush	<i>Parkesia noveboracensis</i>	
1,2,4	ovenbird	<i>Seiurus aurocapillus</i>	
4	northern parula	<i>Setophaga americana</i>	
4	black-throated blue warbler	<i>Setophaga caerulescens</i>	SGCN
4	bay-breasted warbler	<i>Setophaga castanea</i>	SGCN-HP
1,2,4	hooded warbler	<i>Setophaga citrina</i>	
1,2,3,4	yellow-rumped warbler	<i>Setophaga coronata</i>	
1	prairie warbler	<i>Setophaga discolor</i>	SGCN
2,4	Blackburnian warbler	<i>Setophaga fusca</i>	
1,2,4	magnolia warbler	<i>Setophaga magnolia</i>	
2,4	palm warbler	<i>Setophaga palmarum</i>	
1,2,4,6	chestnut-sided warbler	<i>Setophaga pensylvanica</i>	
1,2,4,6	yellow warbler	<i>Setophaga petechia</i>	
1,4	pine warbler	<i>Setophaga pinus</i>	
1,2,4,6	American redstart	<i>Setophaga ruticilla</i>	
2,4	blackpoll warbler	<i>Setophaga striata</i>	
4	Cape May warbler	<i>Setophaga tigrina</i>	SGCN-HP
2,4	black-throated green warbler	<i>Setophaga virens</i>	
1,2,4,6	blue-winged warbler	<i>Vermivora cyanoptera</i>	SGCN
	<u>Cardinals and Allies</u>	<u>Cardinalidae</u>	
1,2,3,4,6,7	northern cardinal	<i>Cardinalis cardinalis</i>	
1,2,6	indigo bunting	<i>Passerina cyanea</i>	
1,2,4,6	rose-breasted grosbeak	<i>Pheucticus ludovicianus</i>	

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1,2,4,6	scarlet tanager	<i>Piranga olivacea</i>	SGCN
Mammal Species			
	<u>Opossums</u>	<u>Didelphiidae</u>	
8	opossum	<i>Didelphis virginiana</i>	
	<u>Shrews</u>	<u>Soricidae</u>	
8	shorttail shrew	<i>Blarina brevicauda</i>	
8	least shrew	<i>Cryptotis parva</i>	
8	masked shrew	<i>Sorex cinereus</i>	
8	smoky shrew	<i>Sorex fumeus</i>	
	<u>Moles</u>	<u>Talpidae</u>	
8	starnose mole	<i>Condylura cristata</i>	
8	hairtail mole	<i>Parascalops breweri</i>	
	<u>Plainnose Bats</u>	<u>Vespertilionidae</u>	
8	big brown bat	<i>Eptesicus fuscus</i>	
8	silver-haired bat	<i>Lasionycteris noctivagans</i>	SGCN
8	red bat	<i>Lasiurus borealis</i>	SGCN
8	hoary bat	<i>Lasiurus cinereus</i>	SGCN
8	little brown myotis	<i>Myotis lucifugus</i>	SGCN-HP
8	eastern pipistrelle	<i>Perimyotis subflavus</i>	SGCN-HP
	<u>Racoons</u>	<u>Procyonidae</u>	
8	raccoon	<i>Procyon lotor</i>	
	<u>Porcupines</u>	<u>Erethizontidae</u>	
8	porcupine	<i>Erethizon dorsatum</i>	
	<u>Weasels</u>	<u>Mustelidae</u>	
8	striped skunk	<i>Mephitis mephitis</i>	
8	shorttail weasel	<i>Mustela erminea</i>	
8	longtail weasel	<i>Mustela frenata</i>	
8	mink	<i>Mustela vison</i>	
	<u>Dogs, Wolves, Foxes</u>	<u>Canidae</u>	
8	coyote	<i>Canis latrans</i>	
8	gray fox	<i>Urocyon cinereoargenteus</i>	
8	red fox	<i>Vulpes vulpes</i>	
	<u>Cats</u>	<u>Felidae</u>	
8	bobcat	<i>Felis rufus</i>	
	<u>Squirrels</u>	<u>Sciuridae</u>	
8	southern flying squirrel	<i>Glaucomys volans</i>	
8	woodchuck	<i>Marmota monax</i>	
8	eastern gray squirrel	<i>Sciurus carolinensis</i>	
8	fox squirrel	<i>Sciurus niger</i>	
8	eastern chipmunk	<i>Tamias striatus</i>	

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8	red squirrel	<i>Tamiasciurus hudsonicus</i>	
	<u>Beaver</u>	<u>Castoridae</u>	
8	beaver	<i>Castor canadensis</i>	
	<u>Mice, Rats, Lemmings, Voles</u>	<u>Cricetidae</u>	
8	meadow vole	<i>Microtus pennsylvanicus</i>	
8	pine vole	<i>Microtus pinetorum</i>	
8	muskrat	<i>Ondatra zibethicus</i>	
8	white-footed mouse	<i>Peromyscus leucopus</i>	
8	deer mouse	<i>Peromyscus maniculatus</i>	
	<u>Old World Rats & Mice</u>	<u>Muridae</u>	
8	house mouse	<i>Mus musculus</i>	
8	Norway rat	<i>Rattus norvegicus</i>	
	<u>Jumping Mice</u>	<u>Zapeoidae</u>	
8	woodland jumping mouse	<i>Napaeozapus insignis</i>	
8	meadow jumping mouse	<i>Zapus hudsonicus</i>	
	<u>Hares, Rabbits</u>	<u>Leporidae</u>	
8	eastern cottontail	<i>Sylvilagus floridanus</i>	
	<u>Deer</u>	<u>Cervidae</u>	
8	whitetail deer	<i>Odocoileus virginianus</i>	
	<u>Bears</u>	<u>Ursidae</u>	
8	black bear	<i>Ursus americanus</i>	
Amphibian Species			
	<u>Mole Salamanders</u>	<u>Ambystomatidae</u>	
9	Jefferson salamander	<i>Ambystoma jeffersonianum</i>	SSC
	<u>Newts</u>	<u>Salamandridae</u>	
9	red-spotted newt	<i>Notophthalmus viridescens</i>	
	<u>Lungless Salamanders</u>	<u>Plethodontidae</u>	
9	northern dusky salamander	<i>Desmognathus fuscus</i>	
9	Allegheny mountain dusky salamander	<i>Desmognathus ochrophaeus</i>	
9	northern two-lined salamander	<i>Eurycea bislineata</i>	
9	eastern red-backed salamander	<i>Plethodon cinereus</i>	
9	slimy salamander	<i>Plethodon glutinosus</i>	
	<u>Tree Frogs</u>	<u>Hylidae</u>	
9	gray treefrog	<i>Hyla versicolor</i>	
9	spring peeper	<i>Pseudacris crucifer</i>	
	<u>Toads</u>	<u>Bufonidae</u>	
9	American toad	<i>Anaxyrus americanus</i>	
	<u>True Frogs</u>	<u>Ranidae</u>	
9	bull frog	<i>Lithobates catesbeianus</i>	

WILDLIFE SPECIES LIST

Based on existing data, on-site surveys, and/or the availability of suitable habitat, the following species could occur in the project area at some time during the year:

Notes	Common Name	Scientific Name	Conservation Status
9	green frog	<i>Lithobates clamitans</i>	
9	northern leopard frog	<i>Lithobates pipiens</i>	
9	wood frog	<i>Lithobates sylvaticus</i>	
Reptile Species			
	<u>Snapping Turtles</u>	<u>Chelydridae</u>	
9	common snapping turtle	<i>Chelydra serpentina</i>	SGCN
	<u>Box and Water Turtles</u>	<u>Emydidae</u>	
9	painted turtle	<i>Chrysemys picta</i>	
	<u>Colubrids</u>	<u>Colubridae</u>	
9	eastern milk snake	<i>Lampropeltis triangulum</i>	
9	northern water snake	<i>Nerodia sipedon</i>	
9	brown snake	<i>Storeria dekayi</i>	
9	red-bellied snake	<i>Storeria occipitomaculata</i>	
9	common garter snake	<i>Thamnophis sirtalis</i>	
Terrestrial Mollusk Species			
	<u>Land Slugs</u>	<u>Agriolimacidae</u>	
10	milky slug	<i>Deroceras reticulatum</i>	
	<u>Roundback Slugs</u>	<u>Arionidae</u>	
10	western dusky slug	<i>Arion subfuscus</i>	
	<u>Keelback Slugs</u>	<u>Limacidae</u>	
10	leopard slug	<i>Limax maximus</i>	
	<u>Mantleslugs</u>	<u>Philomycidae</u>	
10	toga mantleslug	<i>Philomycus togatus</i>	
	<u>Helix Snails</u>	<u>Helicidae</u>	
10	white-lipped snail	<i>Cepaea hortensis</i>	
10	brown-lipped snail	<i>Cepaea nemoralis</i>	
	<u>Amber Snails</u>	<u>Succineidae</u>	
10	common European amber snail	<i>Succinea putris</i>	
Segmented Worm Species			
	<u>Earthworms</u>	<u>Lumbricidae</u>	
10	black-headed worm	<i>Aporrectodea longa</i>	
10	common earthworm	<i>Lumbricus terrestris</i>	
Centipede and Millepede Species			
	<u>Stone Centipedes</u>	<u>Lithobiidae</u>	
10	brown centipede	<i>Lithobius forficatus</i>	
	<u>Flat-Backed Millipedes</u>	<u>Paradoxosomatidae</u>	
10	greenhouse millipede	<i>Oxidus gracilis</i>	
	<u>House Centipedes</u>	<u>Scutigera</u>	
10	house centipede	<i>Scutigera coleoptrata</i>	

WILDLIFE SPECIES LIST

Based on existing data, on-site surveys, and/or the availability of suitable habitat, the following species could occur in the project area at some time during the year:

Notes	Common Name	Scientific Name	Conservation Status
	<u>Spirobold Millipedes</u>	<u>Spiroboldidae</u>	
10	American giant millipede	<i>Narceus americanus</i>	
	<u>Keeled Millipedes</u>	<u>Xystodesmidae</u>	
10	black-and-gold flat millipede	<i>Apheloria virginensis</i>	
10	a millipede	<i>Rudiloria trimaculata</i>	
Terrestrial Crustacean Species			
	<u>Pill Woodlice</u>	<u>Armadillidiidae</u>	
10	nosy pill woodlouse	<i>Armadillidium nasatum</i>	
10	common pill woodlouse	<i>Armadillidium vulgare</i>	
	<u>Sowbugs</u>	<u>Oniscidae</u>	
10	common shiny woodlouse	<i>Oniscus asellus</i>	
10	brickwork woodlouse	<i>Porcellio spinicornis</i>	
	<u>Philosciid Woodlice</u>	<u>Philosciidae</u>	
10	common striped woodlouse	<i>Philoscia muscorum</i>	
	<u>Porcellionid Woodlice</u>	<u>Porcellionidae</u>	
10	common rough woodlouse	<i>Porcellio scaber</i>	
Arachnid Species			
	<u>Hardbacked Ticks</u>	<u>Ixodidae</u>	
10	deer tick	<i>Ixodes scapularis</i>	
	<u>Sclerosomatid Harvestmen</u>	<u>Sclerosomatidae</u>	
10	eastern harvestman	<i>Leiobunum vittatum</i>	
	<u>Funnel Weavers</u>	<u>Agelenidae</u>	
10	barn funnel weaver	<i>Tegenaria domestica</i>	
	<u>Orbweavers</u>	<u>Araneidae</u>	
10	cross orbweaver	<i>Araneus diadematus</i>	
10	marbled orbweaver	<i>Araneus marmoreus</i>	
10	yellow garden spider	<i>Argiope aurantia</i>	
10	banded garden spider	<i>Argiope trifasciata</i>	
	<u>Sac Spiders</u>	<u>Cheiracanthiidae</u>	
10	northern yellow sac spider	<i>Cheiracanthium mildei</i>	
	<u>Sheet Web Weavers</u>	<u>Linyphiidae</u>	
10	filmy dome spider	<i>Neriene radiata</i>	
	<u>Wolf Spiders</u>	<u>Lycosidae</u>	
10	wetland giant wolf spider	<i>Tigrosa helluo</i>	
	<u>Cellar Spiders</u>	<u>Pholcidae</u>	
10	long-bodied cellar spider	<i>Pholcus phalangioides</i>	
	<u>Nursey Web Spiders</u>	<u>Pisauridae</u>	
10	dark fishing spider	<i>Dolomedes tenebrosus</i>	
10	striped fishing spider	<i>Dolomedes scriptus</i>	

WILDLIFE SPECIES LIST

Based on existing data, on-site surveys, and/or the availability of suitable habitat, the following species could occur in the project area at some time during the year:

Notes	Common Name	Scientific Name	Conservation Status
	<u>Jumping Spiders</u>	<u>Salticidae</u>	
10	bold jumping spider	<i>Phidippus audax</i>	
10	tan jumping spider	<i>Platycryptus undatus</i>	
	<u>Cobweb Spiders</u>	<u>Theridiidae</u>	
10	common house spider	<i>Parasteatoda tepidariorum</i>	
	<u>Crab Spiders</u>	<u>Thomisidae</u>	
10	goldenrod crab spider	<i>Misumena vatia</i>	
Springtail Species			
	<u>Hypogastrurid Springtails</u>	<u>Hypogastruridae</u>	
10	snowflea	<i>Hypogastrura nivicola</i>	
	<u>Slender Springtails</u>	<u>Entomobryidae</u>	
10	a slender springtail	<i>Lepidocyrtus paradoxus</i>	
Insect Species			
	<u>Burrowing Mayflies</u>	<u>Ephemeraidae</u>	
10	giant mayfly	<i>Hexagenia limbata</i>	
	<u>Darners</u>	<u>Aeshnidae</u>	
10	lance-tipped darner	<i>Aeshna constricta</i>	
10	common green darner	<i>Anax junius</i>	
	<u>Skimmers</u>	<u>Libellulidae</u>	
10	eastern pondhawk	<i>Erythemis simplicicollis</i>	
10	blue dasher	<i>Pachydiplax longipennis</i>	
10	common whitetail	<i>Plathemis lydia</i>	
10	autumn meadowhawk	<i>Sympetrum vicinum</i>	
	<u>Narrow-Winged Damselflies</u>	<u>Coenagrionidae</u>	
10	blue-fronted dancer	<i>Argia apicalis</i>	
10	aurora damsel	<i>Chromagrion conditum</i>	
10	familiar bluet	<i>Enallagma civile</i>	
10	fragile forktail	<i>Ischnura posita</i>	
10	eastern forktail	<i>Ischnura verticalis</i>	
	<u>Short-Horned Grasshoppers</u>	<u>Acrididae</u>	
10	green-striped grasshopper	<i>Chortophaga viridifasciata</i>	
10	Carolina grasshopper	<i>Dissosteira carolina</i>	
10	two-striped grasshopper	<i>Melanoplus bivittatus</i>	
10	pine-tree spur-throat grasshopper	<i>Melanoplus punctulatus</i>	
	<u>Crickets</u>	<u>Gryllidae</u>	
10	fall field cricket	<i>Gryllus pennsylvanicus</i>	
	<u>Katydid</u>	<u>Tettigoniidae</u>	
10	short-winged meadow katydid	<i>Conocephalus brevipennis</i>	
10	drumming katydid	<i>Meconema thalassinum</i>	

WILDLIFE SPECIES LIST

Based on existing data, on-site surveys, and/or the availability of suitable habitat, the following species could occur in the project area at some time during the year:

Notes	Common Name	Scientific Name	Conservation Status
10	greater anglewing	<i>Microcentrum rhombifolium</i>	
10	black-legged meadow katydid	<i>Orchelimum nigripes</i>	
10	common true katydid	<i>Pterophylla camellifolia</i>	
10	fork-tailed bush katdid	<i>Scudderia furcata</i>	
	<u>Green Lacewings</u>	<u>Chrysopidae</u>	
10	a green lacewing	<i>Chrysopa oculata</i>	
	<u>Earwigs</u>	<u>Forficulidae</u>	
10	European earwig	<i>Forficula auricularia</i>	
	<u>Walking Sticks</u>	<u>Diapheromeridae</u>	
10	northern walking stick	<i>Diapheromera femorata</i>	
	<u>Mantids</u>	<u>Mantidae</u>	
10	praying mantis	<i>Mantis religiosa</i>	
10	Chinese mantis	<i>Tenodera sinensis</i>	
	<u>Cockroaches</u>	<u>Blattidae</u>	
10	Pennsylvania wood cockroach	<i>Parcoblatta pennsylvanica</i>	
10	American cockroach	<i>Periplaneta americana</i>	
	<u>Aphids</u>	<u>Aphididae</u>	
10	oleander aphid	<i>Aphis nerii</i>	
10	sumac gall aphid	<i>Melaphis rhois</i>	
10	poplar petiole gall aphid	<i>Pemphigus populitransversus</i>	
10	wooly alder aphid	<i>Prociphilus tessellatus</i>	
	<u>True Spittlebugs</u>	<u>Aphrophoridae</u>	
10	meadow spittlebug	<i>Philaenus spumarius</i>	
	<u>Typical Leafhoppers</u>	<u>Cicadellidae</u>	
10	three-banded leafhopper	<i>Erythroneura tricincta</i>	
10	privet leafhopper	<i>Fieberiella florii</i>	
10	red-banded leafhopper	<i>Graphocephala coccinea</i>	
10	Japanese leafhopper	<i>Orientus ishidae</i>	
	<u>Typical Cicadas</u>	<u>Cicadidae</u>	
10	northern dog-day cicada	<i>Neotibicen canicularis</i>	
10	Linne's cicada	<i>Neotibicen linnei</i>	
10	lyric cicada	<i>Neotibicen lyricen</i>	
	<u>Clastopterid Spittlebugs</u>	<u>Clastopteridae</u>	
10	dogwood spittlebug	<i>Clastoptera proteus</i>	
	<u>Leaf-Footed Bugs</u>	<u>Coreidae</u>	
10	a leaf-footed bug	<i>Acanthocephala terminalis</i>	
10	western conifer seed bug	<i>Leptoglossus occidentalis</i>	
	<u>Seed Bugs</u>	<u>Lygaeidae</u>	
10	small milkweed bug	<i>Lygaeus kalmii</i>	

WILDLIFE SPECIES LIST

Based on existing data, on-site surveys, and/or the availability of suitable habitat, the following species could occur in the project area at some time during the year:

Notes	Common Name	Scientific Name	Conservation Status
10	large milkweed bug	<i>Oncopeltus fasciatus</i>	
	<u>Plant Bugs</u>	<u>Miridae</u>	
10	tarnished plant bug	<i>Lygus lineolaris</i>	
10	four-lined plant bug	<i>Poecilocapsus lineatus</i>	
10	a plant bug	<i>Prepops insitivus</i>	
	<u>Stink Bugs</u>	<u>Pentatomidae</u>	
10	green stinkbug	<i>Chinavia hilaris</i>	
10	brown marmorated stink bug	<i>Halyomorpha halys</i>	
	<u>Assassin Bugs</u>	<u>Reduviidae</u>	
10	jagged ambush bug	<i>Phymata americana</i>	
10	masked hunter	<i>Reduvius personatus</i>	
10	pale green assassin bug	<i>Zelus luridus</i>	
	<u>Scentless Plant Bugs</u>	<u>Rhopalidae</u>	
10	eastern box elder bug	<i>Boisea trivittata</i>	
	<u>Leaf Beetles</u>	<u>Chrysomelidae</u>	
10	swamp milkweed leaf beetle	<i>Labidomera clivicollis</i>	
10	Colorado potato beetle	<i>Leptinotarsa decemlineata</i>	
10	viburnum leaf beetle	<i>Pyrrhalta viburni</i>	
	<u>Longhorn Beetles</u>	<u>Cerambycidae</u>	
10	white-spotted pine sawyer	<i>Monochamus scutellatus</i>	
10	red-shouldered pine borer	<i>Stictoleptura canadensis</i>	
10	red milkweed beetle	<i>Tetraopes tetrophthalmus</i>	
	<u>Lady Beetles</u>	<u>Coccinellidae</u>	
10	seven-spotted lady beetle	<i>Coccinella septempunctata</i>	
10	fourteen-spotted lady beetle	<i>Propylea quatuordecimpunctata</i>	
	<u>Click Beetles</u>	<u>Elateriae</u>	
10	eastern eyed click beetle	<i>Alaus oculatus</i>	
10	a click beetle	<i>Ampedus nigricollis</i>	
10	a click beetle	<i>Conoderus lividus</i>	
10	a click beetle	<i>Sylvanelater cylindriciformis</i>	
	<u>Firefly Beetles</u>	<u>Lampyridae</u>	
10	winter firefly	<i>Ellychnia corrusca</i>	
10	black firefly	<i>Lucidota atra</i>	
	<u>Weevils</u>	<u>Curculionidae</u>	
10	Canada thistle weevil	<i>Larinus carlinae</i>	
10	black vine weevil	<i>Otiorhynchus sulcatus</i>	
10	green immigrant leaf weevil	<i>Polydrusus formosus</i>	
	<u>Scarabs</u>	<u>Scarabaeidae</u>	
10	American rose chafer	<i>Macrodactylus subspinosus</i>	
10	rough hermit beetle	<i>Osmoderma scabra</i>	

WILDLIFE SPECIES LIST

Based on existing data, on-site surveys, and/or the availability of suitable habitat, the following species could occur in the project area at some time during the year:

Notes	Common Name	Scientific Name	Conservation Status
10	grapevine beetle	<i>Pelidnota punctata</i>	
10	Japanese beetle	<i>Popillia japonica</i>	
	<u>Carrion Beetles</u>	<u>Silphidae</u>	
10	American carrion beetle	<i>Necrophila americana</i>	
10	pustulated carrion beetle	<i>Nicrophorus pustulatus</i>	
10	tomentose burying beetle	<i>Nicrophorus tomentosus</i>	
10	marginated carrion beetle	<i>Oiceoptoma noveboracense</i>	
	<u>Rove Beetles</u>	<u>Staphylinidae</u>	
10	gold-and-brown rove beetle	<i>Ontholestes cingulatus</i>	
	<u>Honeybees, Bumblebees</u>	<u>Apidae</u>	
10	honey bee	<i>Apis mellifera</i>	
10	brown-belted bumble bee	<i>Bombus griseocollis</i>	
10	common eastern bumble bee	<i>Bombus impatiens</i>	
10	eastern carpenter bee	<i>Xylocopa virginica</i>	
	<u>Gall Wasps</u>	<u>Cynipidae</u>	
10	hedgehog gall wasp	<i>Acraspis erinacei</i>	
10	spongy oak apple gall wasp	<i>Amphibolips confluenta</i>	
10	oak apple gall wasp	<i>Amphibolips cookii</i>	
10	larger empty oak apple wasp	<i>Amphibolips quercusinanis</i>	
10	acorn plum gall wasp	<i>Amphibolips quercusjuglans</i>	
10	oak rough bulletgall wasp	<i>Disholcaspis quercusmamma</i>	
10	mossy rose gall wasp	<i>Diplolepis rosae</i>	
	<u>Ants</u>	<u>Formicidae</u>	
10	New York carpenter ant	<i>Camponotus novaeboracensis</i>	
10	eastern black carpenter ant	<i>Camponotus pennsylvanicus</i>	
10	larger yellow ant	<i>Lasius interjectus</i>	
10	small honey ant	<i>Prenolepis imparis</i>	
10	odorous house ant	<i>Tapinoma sessile</i>	
10	immigrant pavement ant	<i>Tetramorium immigrans</i>	
	<u>Ichneumonid Wasps</u>	<u>Ichneumonidae</u>	
10	black giant ichneumonid wasp	<i>Megarhyssa atrata</i>	
10	long-tailed giant incneumonid wasp	<i>Megarhyssa macrurus</i>	
	<u>Hornets, Paper Wasps</u>	<u>Vespidae</u>	
10	common aerial yellow jacket	<i>Dolichovespula arenaria</i>	
10	bald-faced hornet	<i>Dolichovespula maculata</i>	
10	European paper wasp	<i>Polistes dominula</i>	
10	dark paper wasp	<i>Polistes fuscatus</i>	
	<u>Tussock Moths</u>	<u>Erebidae</u>	
10	milkweed tussock moth	<i>Euchaetes egle</i>	
10	clymene moth	<i>Haploa clymene</i>	
10	confused haploa moth	<i>Haploa confusa</i>	

WILDLIFE SPECIES LIST

Based on existing data, on-site surveys, and/or the availability of suitable habitat, the following species could occur in the project area at some time during the year:

Notes	Common Name	Scientific Name	Conservation Status
10	giant leopard moth	<i>Hypercompe scribonia</i>	
10	hickory tussock moth	<i>Lophocampa caryae</i>	
10	gypsy moth	<i>Lymantria dispar</i>	
10	wooly bear	<i>Pyrrharctia isabella</i>	
	<u>Geometer Moths</u>	<u>Geometridae</u>	
10	pale beauty	<i>Campaea perlata</i>	
10	blackberry looper moth	<i>Chlorochlamys chloroleucaria</i>	
10	bent-lined carpet	<i>Costaconvexa centrostrigaria</i>	
10	chickweed geometer moth	<i>Haematopis grataria</i>	
10	lesser maple spanworm moth	<i>Macaria pustularia</i>	
10	horned spanworm moth	<i>Nematocampa resistaria</i>	
10	white-striped black	<i>Trichodezia albovittata</i>	
	<u>Skippers</u>	<u>Hesperiidae</u>	
10	least skipper	<i>Ancyloxypha numitor</i>	
10	silver-spotted skipper	<i>Epargyreus clarus</i>	
10	dun skipper	<i>Euphyes vestris</i>	
10	Peck's skipper	<i>Polites peckius</i>	
	<u>Lappet Moths</u>	<u>Lasiocampidae</u>	
10	eastern tent caterpillar	<i>Malacosoma americana</i>	
10	forest tent caterpillar	<i>Malacosoma disstria</i>	
	<u>Gossamer-Winged Butterflies</u>	<u>Lycaenidae</u>	
10	summer azure	<i>Celastrina neglecta</i>	
10	eastern tailed blue	<i>Cupido comyntas</i>	
10	small copper	<i>Lycaena phlaeas</i>	
10	banded hairstreak	<i>Satyrium calanus</i>	
	<u>Cutworm Moths and Allies</u>	<u>Noctuidae</u>	
10	common looper moth	<i>Autographa precationis</i>	
10	large yellow underwing	<i>Noctua pronuba</i>	
	<u>Brush-footed Butterflies</u>	<u>Nymphalidae</u>	
10	common wood-nymph	<i>Cercyonis pegala</i>	
10	common ringlet	<i>Coenonympha californica</i>	
10	monarch	<i>Danaus plexippus</i>	
10	Baltimore checkerspot	<i>Euphydryas phaeton</i>	
10	Appalachian brown	<i>Lethe appalachia</i>	
10	viceroy	<i>Limenitis archippus</i>	
10	American white admiral	<i>Limenitis arthemis</i>	
10	little wood satyr	<i>Megisto cymela</i>	
10	mourning cloak	<i>Nymphalis antiopa</i>	
10	Compton tortoiseshell	<i>Nymphalis l-album</i>	
10	northern crescent	<i>Phyciodes cocyta</i>	
10	pearl crescent	<i>Phyciodes tharos</i>	

WILDLIFE SPECIES LIST

Based on existing data, on-site surveys, and/or the availability of suitable habitat, the following species could occur in the project area at some time during the year:

Notes	Common Name	Scientific Name	Conservation Status
10	eastern comma	<i>Polygonia comma</i>	
10	question mark	<i>Polygonia interrogationis</i>	
10	great spangled fritillary	<i>Speyeria cybele</i>	
10	red admiral	<i>Vanessa atalanta</i>	
10	painted lady	<i>Vanessa cardui</i>	
	<u>Swallowtails</u>	<u>Papilionidae</u>	
10	eastern tiger swallowtail	<i>Papilio glaucus</i>	
10	black swallowtail	<i>Papilio polyxenes</i>	
10	spicebush swallowtail	<i>Papilio troilus</i>	
	<u>White, Yellows, Sulfurs</u>	<u>Pieridae</u>	
10	clouded sulphur	<i>Colias philodice</i>	
10	cabbage white	<i>Pieris rapae</i>	
	<u>Giant Silk Moths</u>	<u>Saturniidae</u>	
10	luna moth	<i>Actias luna</i>	
10	polyphemus moth	<i>Antheraea polyphemus</i>	
10	cecropia moth	<i>Hyalophora cecropia</i>	
	<u>Sphinx Moths</u>	<u>Sphingidae</u>	
10	snowberry clearwing	<i>Hemaris diffinis</i>	
10	hummingbird clearwing	<i>Hemaris thysbe</i>	
10	apple sphinx	<i>Sphinx gordius</i>	
	<u>Fungus Moths</u>	<u>Tineidae</u>	
10	dark acrolophus	<i>Acrolophus mora</i>	
	<u>Robber Flies</u>	<u>Asilidae</u>	
10	a robber fly	<i>Dioctria hyalipennis</i>	
10	a robber fly	<i>Efferia aestuans</i>	
10	bumble bee mimic robber fly	<i>Laphria thoracica</i>	
	<u>Bee Flies</u>	<u>Bombyliidae</u>	
10	greater bee fly	<i>Bombylius major</i>	
10	tiger bee fly	<i>Xenox tigrinus</i>	
	<u>Gall and Forest Midges</u>	<u>Cecidomyiidae</u>	
10	ash bullet gall midge	<i>Dasineura pellex</i>	
10	willow pinecone gall midge	<i>Rabdophaga strobiloides</i>	
10	goldenrod bunch gall midge	<i>Rhopalomyia solidaginis</i>	
	<u>Thick-Headed Flies</u>	<u>Conopidae</u>	
10	eastern physocephala	<i>Physocephala tibialis</i>	
10	a thick-headed fly	<i>Physoconops obscuripennis</i>	
	<u>Mosquitoes</u>	<u>Culicidae</u>	
10	Asian bush mosquito	<i>Aedes japonicus</i>	
10	inland floodwater mosquito	<i>Aedes vexans</i>	
10	northern house mosquito	<i>Culex pipiens</i>	

WILDLIFE SPECIES LIST

Based on existing data, on-site surveys, and/or the availability of suitable habitat, the following species could occur in the project area at some time during the year:

Notes	Common Name	Scientific Name	Conservation Status
10	gallinipper	<i>Psorophora ciliata</i>	
	<u>House Flies</u>	<u>Muscidae</u>	
10	house fly	<i>Musca domestica</i>	
	<u>Snipe Flies</u>	<u>Rhagionidae</u>	
10	golden-backed snipe fly	<i>Chrysopilus thoracicus</i>	
10	marsh snipe fly	<i>Rhagio tringarius</i>	
	<u>Hover Flies</u>	<u>Syrphidae</u>	
10	black-shouldered drone fly	<i>Eristalis dimidiata</i>	
10	common drone fly	<i>Eristalis tenax</i>	
10	long-nosed swamp fly	<i>Eurimyia stipata</i>	
10	narrow-headed marsh fly	<i>Helophilus fasciatus</i>	
10	Narcissus bulb fly	<i>Merodon equestris</i>	
10	eastern calligrapher	<i>Toxomerus geminatus</i>	
10	marginated calligrapher	<i>Toxomerus marginatus</i>	
10	maize calligrapher	<i>Toxomerus politus</i>	
	<u>Deer Flies, Horse Flies</u>	<u>Tabanidae</u>	
10	striped deer fly	<i>Chrysops vittatus</i>	
10	black horse fly	<i>Tabanus atratus</i>	
	<u>Fruit Flies</u>	<u>Tephritidae</u>	
10	goldenrod gall fly	<i>Eurosta solidaginis</i>	
10	a tephritid fly	<i>Procecidochares atra</i>	
10	walnut husk maggot fly	<i>Rhagoletis suavis</i>	
	<u>Large Crane Flies</u>	<u>Tipulidae</u>	
10	ferruginous tiger crane fly	<i>Nephrotoma ferruginea</i>	
10	giant crane fly	<i>Tipula abdominalis</i>	
10	European crane fly	<i>Tipula paludosa</i>	

WILDLIFE SPECIES LIST

Notes and Sources

Notes:

1. Species identified in the USGS Breeding Bird Survey 2015-2019 (Mt. Morris Route 61025).
2. Species identified in the NYS Breeding Bird Atlas III 2020-2021 (Survey Blocks: Leicester NE, Leicester CE, Geneseo NW, Geneseo CW, Geneseo CW).
3. Species identified in the Audubon Christmas Bird Count 2017-2018 (Letchworth-Silver Lake Count).
4. Reported by eBird users between 2016-2021, at hotspots within the Facility Site (Abbey of the Genesee) and within one mile of the Facility Site (Genesee Valley Greenway-Chandler Rd., Genesee Valley Greenway, pond, Leicester, Genesee Valley Greenway, York Landing Rd., Retsof Rd. and Chandler Rd., York (town), Geneseo Airfield) 2016-2021.
5. Identified by the NYNHP as occurring within 0.5 mile of the Facility Site in correspondence dated May 11, 2021.
6. Species identified during on-site breeding bird surveys conducted by EDR in 2020.
7. Species identified during on-site winter raptor surveys conducted by EDR in 2020-2021.
8. Likely to occur in the vicinity of the Facility Site based on information from NYSDEC, SUNY-ESF, NatureServe Explorer, and the American Society of Mammalogists.
9. Species identified in the NYS Amphibian & Reptile Atlas Project (Quads: Geneseo and Leicester).
10. Likely to occur in the vicinity of the Facility Site based on information from NYSDEC, NatureServe Explorer, and iNaturalist.
11. Identified by ORES as occurring within the Facility Site in correspondence dated December 20, 2022.

Conservation Status Codes:

SE - NYS Endangered Species

ST - NYS Threatened Species

SSC - NYS Species of Special Concern

SGCN - NYS Species of Greatest Conservation Need

SGCN-HP - NYS Species of Greatest Conservation Need – High Priority

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WILDLIFE SPECIES LIST

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Rayor, L. and C. Gilbert. 2007. *Common Spiders of New York*. New York State Conservationist 61(6): 15-18. June 2007.

Stegemann, E. and T. McCabe. 2005. *A Sampler of Butterflies and Moths in New York State*. New York State Conservationist 59(6): 15-18. June 2005.

PLANT SPECIES LIST

Observed On-Site During EDR Surveys, 2020-2023

Notes	Family	Scientific Name	Common Name	Conservation
				Rank
	Adoxaceae	<i>Viburnum opulus</i>	highbush cranberry	S4
	Amaranthaceae	<i>Amaranthus</i> sp.	amaranth	SNR
	Amaranthaceae	<i>Chenopodium album</i>	lambs-quarters	SNA
	Amaryllidaceae	<i>Allium vineale</i>	wild garlic	SNA
	Anacardiaceae	<i>Toxicodendron radicans</i>	poison ivy	S5
	Apiaceae	<i>Daucus carota</i>	Queen Anne's lace	SNA
	Apocynaceae	<i>Apocynum cannabinum</i>	Indian hemp	S5
	Apocynaceae	<i>Asclepias incarnata</i>	swamp milkweed	S5
	Apocynaceae	<i>Asclepias syriaca</i>	common milkweed	S5
	Asteraceae	<i>Achillea millefolium</i>	common yarrow	SNR
	Asteraceae	<i>Ageratina altissima</i>	white snakeroot	S5
	Asteraceae	<i>Ambrosia artemesiifolia</i>	ragweed	S5
	Asteraceae	<i>Arctium minus</i>	common burdock	SNA
1	Asteraceae	<i>Artemisia vulgaris</i>	mugwort	SNA
	Asteraceae	<i>Bidens aristosa</i>	bearded beggarticks	SNA
	Asteraceae	<i>Bidens cernua</i>	nodding beggar-tick	S5
	Asteraceae	<i>Bidens frondosa</i>	devils's beggar-tick	S5
	Asteraceae	<i>Centaurea jacea</i>	brown knapweed	SNA
1	Asteraceae	<i>Centaurea stoebe</i>	spotted knapweed	SNA
	Asteraceae	<i>Cichorium intybus</i>	chicory	SNA
1	Asteraceae	<i>Cirsium arvense</i>	creeping thistle	SNA
	Asteraceae	<i>Cirsium vulgare</i>	bull thistle	SNA
	Asteraceae	<i>Erigeron annuus</i>	annual daisy fleabane	S5
	Asteraceae	<i>Euthamia graminifolia</i>	flat-topped goldenrod	S5
	Asteraceae	<i>Eutrochium maculatum</i>	joe-pye weed	S5
	Asteraceae	<i>Hieracium</i> sp.	hawkweed	SNR
	Asteraceae	<i>Inula helenium</i>	elecampane	SNA
	Asteraceae	<i>Leucanthemum vulgare</i>	ox-eye daisy	SNA
	Asteraceae	<i>Picris hieracioides</i>	hawkweed oxtongue	SNA
	Asteraceae	<i>Solidago</i> sp.	goldenrod	SNR
	Asteraceae	<i>Solidago canadensis</i>	Canada goldenrod	S5
	Asteraceae	<i>Solidago gigantea</i>	swamp goldenrod	S5
	Asteraceae	<i>Symphyotrichum lanceolatum</i>	lance-leaved aster	S5
	Asteraceae	<i>Symphyotrichum lateriflorum</i>	calico aster	S5
	Asteraceae	<i>Symphyotrichum novae-angliae</i>	New England aster	S5
	Asteraceae	<i>Symphyotrichum urophyllum</i>	arrow-leaved aster	S5
	Asteraceae	<i>Taraxacum officinale</i>	dandelion	SNA
	Asteraceae	<i>Xanthium strumarium</i>	cocklebur	SNA

PLANT SPECIES LIST

Observed On-Site During EDR Surveys, 2020-2023

Notes	Family	Scientific Name	Common Name	Conservation Rank
	Balsaminaceae	<i>Impatiens capensis</i>	spotted jewelweed	S5
	Betulaceae	<i>Carpinus caroliniana</i>	musclewood	S5
	Betulaceae	<i>Ostrya virginiana</i>	eastern hophornbeam	S5
1	Brassicaceae	<i>Alliaria petiolata</i>	garlic mustard	SNA
	Brassicaceae	<i>Barbarea vulgaris</i>	yellow rocket	SNA
	Brassicaceae	<i>Brassica nigra</i>	black mustard	SNA
	Brassicaceae	<i>Hesperis matronalis</i>	dame's rocket	SNA
	Brassicaceae	<i>Lepidium campestre</i>	field pepperweed	SNA
	Brassicaceae	<i>Nasturtium officinale</i>	water cress	SNA
	Caprifoliaceae	<i>Dipsacus fullonum</i>	wild teasel	SNA
1	Caprifoliaceae	<i>Dipsacus laciniatus</i>	cut-leaved teasel	SNA
1	Caprifoliaceae	<i>Lonicera morrowii</i>	Morrow's honeysuckle	SNA
	Cornaceae	<i>Cornus racemosa</i>	gray dogwood	S5
	Cyperaceae	<i>Carex</i> spp.	sedges	SNR
	Cyperaceae	<i>Carex intumescens</i>	bladder sedge	S5
	Cyperaceae	<i>Carex lupulina</i>	hop sedge	S5
	Cyperaceae	<i>Carex umbellata</i>	parasol sedge	S5
	Cyperaceae	<i>Carex vulpinoidea</i>	fox sedge	S5
	Cyperaceae	<i>Cyperus esculentus</i>	yellow nut sedge	SNR
	Cyperaceae	<i>Eriophorum</i> sp.	cotton grass	SNR
	Cyperaceae	<i>Scirpus atrovirens</i>	green bulrush	S5
	Cyperaceae	<i>Scirpus cyperinus</i>	woolgrass	S5
	Equisetaceae	<i>Equisetum</i> sp.	horsetail	SNR
	Fabaceae	<i>Glycine max</i>	soybean	SNA
	Fabaceae	<i>Lotus corniculatus</i>	bird's foot trefoil	SNA
	Fabaceae	<i>Medicago sativa</i>	alfafa	SNA
	Fabaceae	<i>Trifolium hybridum</i>	alsike clover	SNA
	Fabaceae	<i>Trifolium pratense</i>	red clover	SNA
	Fabaceae	<i>Trifolium repens</i>	white clover	SNA
	Fagaceae	<i>Fagus grandifolia</i>	American beech	S5
	Fagaceae	<i>Quercus alba</i>	white oak	S5
	Fagaceae	<i>Quercus macrocarpa</i>	bur oak	S4
	Fagaceae	<i>Quercus rubra</i>	red oak	S5
	Hypericaceae	<i>Hypericum perforatum</i>	common St.John's-wort	SNA
	Juglandaceae	<i>Carya cordiformis</i>	bitternut hickory	S5
	Juglandaceae	<i>Carya glabra</i>	pignut hickory	S5
	Juglandaceae	<i>Carya ovata</i>	shagbark hickory	S5
	Juglandaceae	<i>Juglans nigra</i>	black walnut	S5

PLANT SPECIES LIST

Observed On-Site During EDR Surveys, 2020-2023

Notes	Family	Scientific Name	Common Name	Conservation Rank
	Juncaceae	<i>Juncus effusus</i>	soft rush	S5
	Juncaceae	<i>Juncus tenuis</i>	path rush	S5
	Lamiaceae	<i>Lycopus americanus</i>	American bugleweed	S5
	Lamiaceae	<i>Prunella vulgaris</i>	self-heal	SNA
1	Lythraceae	<i>Lythrum salicaria</i>	purple loosestrife	SNA
	Malvaceae	<i>Abutilon theophrasti</i>	velvetleaf	SNA
	Malvaceae	<i>Hibiscus trionum</i>	flower-of-an-hour	SNA
	Malvaceae	<i>Tilia americana</i>	American basswood	S5
	Oleaceae	<i>Fraxinus americana</i>	white ash	S5
	Oleaceae	<i>Fraxinus pennsylvanica</i>	green ash	S5
	Onagraceae	<i>Epilobium ciliatum</i>	fringed willowherb	S5
	Onocleaceae	<i>Onoclea sensibilis</i>	sensitive fern	S5
	Pinaceae	<i>Picea abies</i>	Norway spruce	SNA
	Pinaceae	<i>Pinus sylvestris</i>	Scotch pine	SNA
	Plantaginaceae	<i>Plantago major</i>	common plantain	SNA
	Poaceae	<i>Agrostis</i> sp.	bentgrass	SNR
	Poaceae	<i>Alopecurus pratensis</i>	meadow foxtail	SNA
1	Poaceae	<i>Brachypodium sylvaticum</i>	slender false brome	SNA
	Poaceae	<i>Bromus inermis</i>	smooth brome	SNA
	Poaceae	<i>Dactylis glomerata</i>	orchard grass	SNA
	Poaceae	<i>Echinochloa crus-galli</i>	Eurasian barnyard grass	SNA
	Poaceae	<i>Elymus repens</i>	quackgrass	SNA
	Poaceae	<i>Glyceria striata</i>	fowl manna grass	S5
	Poaceae	<i>Glyceria</i> sp.	other manna grass	SNR
	Poaceae	<i>Leersia oryzoides</i>	rice cutgrass	S5
	Poaceae	<i>Panicum</i> sp.	panicgrass	SNR
	Poaceae	<i>Phalaris arundinacea</i>	reed canary grass	SNR
	Poaceae	<i>Phleum pratense</i>	timothy	SNA
1	Poaceae	<i>Phragmites australis</i>	common reed	SNA
	Poaceae	<i>Poa pratensis</i>	Kentucky bluegrass	SNA
	Poaceae	<i>Setaria faberi</i>	giant foxtail	SNA
	Poaceae	<i>Setaria pumila</i>	yellow foxtail	SNA
	Poaceae	<i>Setaria viridis</i>	green foxtail	SNA
	Poaceae	<i>Sorghum halepense</i>	Johnsongrass	SNA
	Poaceae	<i>Zea mays</i>	corn	SNA
	Polygonaceae	<i>Polygonum</i> sp.	knotweed	SNR
	Polygonaceae	<i>Persicaria virginiana</i>	jumpseed	S5
	Polygonaceae	<i>Persicaria hydropiper</i>	mild water pepper	SNA

PLANT SPECIES LIST

Observed On-Site During EDR Surveys, 2020-2023

Notes	Family	Scientific Name	Common Name	Conservation Rank
1	Polygonaceae	<i>Reynoutria x bohemica</i>	Bohemian knotweed	SNA
	Polygonaceae	<i>Rumex obtusifolius</i>	bitter dock	SNA
	Primulaceae	<i>Lysimachia nummularia</i>	creeping Jennie	SNA
	Ranunculaceae	<i>Ranunculus</i> sp.	buttercup	SNA
	Rhamnaceae	<i>Rhamnus alnifolia</i>	alder-leaved buckthorn	S4
1	Rhamnaceae	<i>Rhamnus cathartica</i>	buckthorn	SNA
	Rosaceae	<i>Crataegus</i> sp.	hawthorn	SNR
	Rosaceae	<i>Geum laciniatum</i>	rough avens	S5
	Rosaceae	<i>Malus domestica</i>	apple	SNA
1	Rosaceae	<i>Rosa multiflora</i>	multiflora rose	SNA
	Rosaceae	<i>Rubus alleghaniensis</i>	common blackberry	S5
	Rosaceae	<i>Rubus occidentalis</i>	black raspberry	S5
	Salicaceae	<i>Populus deltoides</i>	eastern cottonwood	S5
	Salicaceae	<i>Salix</i> sp.	willow	SNR
	Sapindaceae	<i>Acer rubrum</i>	common red maple	S5
	Sapindaceae	<i>Acer saccharinum</i>	silver maple	S5
	Sapindaceae	<i>Acer saccharum</i>	sugar maple	S5
	Scrophulariaceae	<i>Verbascum blattaria</i>	moth mullein	SNA
	Scrophulariaceae	<i>Verbascum thapsus</i>	common mullein	SNA
	Solanaceae	<i>Solanum dulcamara</i>	deadly nightshade	SNA
	Typhaceae	<i>Typha angustifolia</i>	narrowleaf cattail	S5
	Typhaceae	<i>Typha latifolia</i>	broadleaf cattail	S5
	Ulmaceae	<i>Ulmus rubra</i>	slippery elm	S5
	Urticaceae	<i>Boehmeria cylindrica</i>	false nettle	S5
	Urticaceae	<i>Pilea pumila</i>	clearweed	S5
	Verbenaceae	<i>Verbena hastata</i>	blue vervain	S5
	Verbenaceae	<i>Verbena urticifolia</i>	white vervain	S5
	Vitaceae	<i>Parthenocissus quinquefolia</i>	Virginia creeper	S5
	Vitaceae	<i>Vitis riparia</i>	riverbank grape	S5

PLANT SPECIES LIST

Notes and Sources

Nomenclature follows the New York Flora Atlas (Werier et al., 2023).

Notes:

1. This species is listed as a prohibited invasive species in New York State (NYSDEC, 2014).

State Conservation Ranks:

S4 Apparently secure in New York State. Common in many areas of the state but possibly rare in other areas.

S5 Demonstrably secure in New York State. Common; widespread and abundant.

SNA Species for which a rank is not applicable.

SNR Not yet ranked.

Sources:

New York State Department of Environmental Conservation (NYSDEC). 2014. *6 NYCRR Part 575, Prohibited and Regulated Invasive Species*. September 10, 2014.

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