PLANT SPECIES LIST
Observed On-Site During EDR Surveys, 2019

Notes	Family	*Genus*	*species*	common name
	Adoxaceae	*Sambucus*	*racemosa*	red elderberry
	Adoxaceae	*Viburnum*	*acerifolium*	mapleleaf viburnum
	Adoxaceae	*Viburnum*	*lentago*	nannyberry
	Amaryllidaceae	*Allium*	*tricoccum*	wild leeks
	Anacardiaceae	*Toxicodendron*	*radicans*	poison ivy
	Apiaceae	*Daucus*	*carota*	Queen Anne's lace
	Apiaceae	*Osmorhiza*	*claytonii*	Clayton's sweetroot
	Apiaceae	*Pastinaca*	*sativa*	wild parsnip
	Apiaceae	*Zizia*	*aurea*	golden Alexanders
	Apocynaceae	*Asclepias*	*exaltata*	poke milkweed
	Apocynaceae	*Asclepias*	*syriaca*	common milkweed
1	Apocynaceae	*Cynanchum*	*sp.*	swallow-wort
	Aquifoliaceae	*Ilex*	*verticillata*	common winterberry
	Araceae	*Arisaema*	*triphyllum*	common jack-in-the-pulpit
	Araliaceae	*Aralia*	*nudicaulis*	sarsaparilla
	Araliaceae	*Panax*	*trifolius*	dwarf ginseng
	Asparagaceae	*Maianthemum*	*canadense*	Canada mayflower
	Asparagaceae	*Maianthemum*	*racemosum*	false Solomon's-seal
	Asparagaceae	*Polygonatum*	*pubescens*	downy Solomon's-seal
	Asteraceae	*Achillea*	*millefolium*	common yarrow
	Asteraceae	*Ageratina*	*altissima*	white snakeroot
	Asteraceae	*Arctium*	*minus*	common burdock
1	Asteraceae	*Artemisia*	*vulgaris*	mugwort
1	Asteraceae	*Centaurea*	*stoebe*	spotted knapweed
1	Asteraceae	*Cirsium*	*arvense*	creeping thistle
	Asteraceae	*Cirsium*	*vulgare*	bull thistle
	Asteraceae	*Erigeron*	*pulchellus*	Robin's plantain
	Asteraceae	*Eupatorium*	*perfoliatum*	common boneset
	Asteraceae	*Eurybia*	*divaricata*	white wood aster
	Asteraceae	*Eurybia*	*macrophylla*	bigleaf aster
	Asteraceae	*Leucanthemum*	*vulgare*	ox-eye daisy
	Asteraceae	*Packera*	*aurea*	golden ragwort
	Asteraceae	*Pilosella*	*caespitosa*	meadow hawkweed
	Asteraceae	*Solidago*	*juncea*	early goldenrod
	Asteraceae	*Solidago*	*rugosa*	rough-stemmed goldenrod
	Asteraceae	*Symphyotrichum*	*prenanthoides*	crooked stem aster
	Asteraceae	*Symphyotrichum*	*puniceum*	purplestem aster
	Asteraceae	*Taraxacum*	*officinale*	dandelion

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	Asteraceae	*Tragopogon*	*pratensis*	goat's-beard
	Asteraceae	*Tussilago*	*farfara*	coltsfoot
	Athyriaceae	*Athyrium*	*angustum*	northern lady fern
	Balsaminaceae	*Impatiens*	*capensis*	spotted jewelweed
1	Berberidaceae	*Berberis*	*thunbergii*	Japanese barberry
	Berberidaceae	*Berberis*	*vulgaris*	common barberry
	Berberidaceae	*Caulophyllum*	*thalictroides*	blue cohosh
	Berberidaceae	*Podophyllum*	*peltatum*	mayapple
	Betulaceae	*Alnus*	*incana*	speckled alder
	Betulaceae	*Betula*	*alleghaniensis*	yellow birch
	Betulaceae	*Betula*	*lenta*	sweet birch
	Betulaceae	*Betula*	*populifolia*	gray birch
	Betulaceae	*Carpinus*	*caroliniana*	musclewood
	Betulaceae	*Corylus*	*cornuta*	beaked hazelnut
	Betulaceae	*Ostrya*	*virginiana*	eastern hophornbeam
	Boraginaceae	*Hydrophyllum*	*virginiana*	Virginia waterleaf
	Boraginaceae	*Myosotis*	*laxa*	bay forget-me-not
	Boraginaceae	*Myosotis*	*scorpioides*	forget-me-not
1	Brassicaceae	*Alliaria*	*petiolata*	garlic mustard
	Brassicaceae	*Barbarea*	*vulgaris*	yellow rocket
	Brassicaceae	*Cardamine*	*concatenata*	cut-leaf toothwort
	Brassicaceae	*Cardamine*	*diphylla*	two-leaf toothwort
	Brassicaceae	*Cardamine*	*pensylvanica*	Pennsylvania bitter cress
	Brassicaceae	*Cardamine*	*pratensis*	cuckooflower
	Campanulaceae	*Lobelia*	*inflata*	Indian-tobacco
	Caprifoliaceae	*Dipsacus*	*fullonum*	teasel
1	Caprifoliaceae	*Lonicera*	*morrowii*	Morrow's honeysuckle
	Caryophyllaceae	*Cerastium*	*fontanum*	mouse-ear chickweed
	Caryophyllaceae	*Lychnis*	*flos-cuculi*	ragged-robin
	Caryophyllaceae	*Myosoton*	*aquaticum*	giant chickweed
	Caryophyllaceae	*Silene*	*latifolia*	white campion
	Caryophyllaceae	*Stellaria*	*graminea*	lesser stitchwort
	Colchicaceae	*Uvularia*	*sessilifolia*	sessile-flowered bellwort
	Cornaceae	*Cornus*	*alternifolia*	alternate-leaved dogwood
	Cornaceae	*Cornus*	*amomum*	silky dogwood
	Cornaceae	*Cornus*	*racemosa*	gray dogwood
	Crassulaceae	*Hylotelephium*	*telephium*	live-forever
	Cyperaceae	*Carex*	*crinita*	fringed sedge

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Notes	Family	*Genus*	*species*	common name
	Cyperaceae	*Carex*	*intumescens*	bladder sedge
	Cyperaceae	*Carex*	*pensylvanica*	Pennsylvania sedge
	Cyperaceae	*Carex*	*rosea*	rosy sedge
	Cyperaceae	*Carex*	*scoparia*	broom sedge
	Cyperaceae	*Carex*	*stipata*	owlfruit sedge
	Cyperaceae	*Carex*	*stricta*	tussock sedge
	Cyperaceae	*Carex*	*vulpinoidea*	fox sedge
	Cyperaceae	*Carex*	spp.	other sedges
	Cystopteridaceae	*Cystopteris*	*tenuis*	Mackay's fragile fern
	Dennstaedtiaceae	*Dennstaedtia*	*punctilobula*	hay-scented fern
	Dennstaedtiaceae	*Pteridium*	*aquilinum*	bracken fern
	Dryopteridaceae	*Dryopteris*	*carthusiana*	spinulose woodfern
	Dryopteridaceae	*Dryopteris*	*intermedia*	evergreen woodfern
	Dryopteridaceae	*Polystichum*	*acrostichoides*	Christmas fern
1	Elaeagnaceae	*Elaeagnus*	*umbellata*	autumn olive
	Equisetaceae	*Equisetum*	*arvense*	field horsetail
	Ericaceae	*Epigaea*	*repens*	trailing arbutus
	Ericaceae	*Gaultheria*	*procumbens*	wintergreen
	Ericaceae	*Monotropa*	*uniflora*	Indian pipes
	Ericaceae	*Pyrola*	*elliptica*	shinleaf
	Ericaceae	*Rhododendron*	*prinophyllum*	early azalea
	Ericaceae	*Vaccinium*	*angustifolium*	lowbush blueberry
	Ericaceae	*Vaccinium*	*corymbosum*	highbush blueberry
	Ericaceae	*Vaccinium*	*pallidum*	hillside blueberry
	Fabaceae	*Amphicarpaea*	*bracteata*	hog peanut
	Fabaceae	*Lotus*	*corniculatus*	bird's foot trefoil
	Fabaceae	*Trifolium*	*hybridum*	alsike clover
	Fabaceae	*Trifolium*	*pratense*	red clover
	Fabaceae	*Trifolium*	*repens*	white clover
	Fabaceae	*Vicia*	*cracca*	cow vetch
	Fagaceae	*Castanea*	*dentata*	American chestnut
	Fagaceae	*Fagus*	*grandifolia*	American beech
	Fagaceae	*Quercus*	*alba*	white oak
	Fagaceae	*Quercus*	*montana*	chestnut oak
	Fagaceae	*Quercus*	*rubra*	red oak
	Geraniaceae	*Geranium*	*maculatum*	wild geranium
	Geraniaceae	*Geranium*	*robertianum*	herb-robert
	Grossulariaceae	*Ribes*	*cynosbati*	prickly gooseberry

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	Hamamelidaceae	*Hamamelis*	*virginiana*	witch hazel
	Hypericaceae	*Hypericum*	*perforatum*	common St.John's-wort
	Hypericaceae	*Hypericum*	*punctatum*	spotted St.John's-wort
	Iridaceae	*Sisyrinchium*	*montanum*	common blue-eyed grass
	Juglandaceae	*Carya*	*cordiformis*	bitternut hickory
	Juglandaceae	*Carya*	*ovata*	shagbark hickory
	Juncaceae	*Juncus*	*effusus*	soft rush
	Juncaceae	*Luzula*	*acuminata*	hairy wood rush
	Lamiaceae	*Galeopsis*	*tetrahit*	hemp nettle
	Lamiaceae	*Leonurus*	*cardiaca*	motherwort
	Lamiaceae	*Lycopus*	*uniflorus*	northern bugleweed
	Lamiaceae	*Mentha*	*piperita*	peppermint
	Lamiaceae	*Prunella*	*vulgaris*	self-heal
	Lauraceae	*Lindera*	*benzoin*	spicebush
	Liliaceae	*Clintonia*	*borealis*	blue bead lily
	Liliaceae	*Erythronium*	*americanum*	trout lily
	Liliaceae	*Medeola*	*virginiana*	Indian cucumber root
	Lycopodiaceae	*Diphasiastrum*	*digitatum*	fan clubmoss
	Lycopodiaceae	*Huperzia*	*lucidula*	shining clubmoss
	Lycopodiaceae	*Lycopodium*	*clavatum*	running clubmoss
	Malvaceae	*Tilia*	*americana*	American basswood
	Melanthiaceae	*Trillium*	*erectum*	wake robin
	Melanthiaceae	*Trillium*	*grandiflorum*	white trillium
	Melanthiaceae	*Veratrum*	*viride*	false hellebore
	Myricaceae	*Comptonia*	*peregrina*	sweet fern
	Oleaceae	*Fraxinus*	*americana*	white ash
	Onagraceae	*Circaea*	*canadensis*	enchanter's nightshade
	Onocleaceae	*Onoclea*	*sensibilis*	sensitive fern
	Orobanchaceae	*Conopholis*	*americana*	bear corn
	Orobanchaceae	*Epifagus*	*virginiana*	beechdrops
	Osmundaceae	*Osmunda*	*claytonia*	interrupted fern
	Osmundaceae	*Osmundstrum*	*cinnamomeum*	cinnamon fern
	Oxalidaceae	*Oxalis*	*montana*	white wood sorrel
	Oxalidaceae	*Oxalis*	*stricta*	common yellow wood sorrel
	Papaveraceae	*Dicentra*	*canadensis*	squirrel-corn
	Phytolaccaceae	*Phytolacca*	*americana*	common pokeweed
	Pinaceae	*Picea*	*abies*	Norway spruce
	Pinaceae	*Pinus*	*strobus*	white pine

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Notes	Family	*Genus*	*species*	common name
	Pinaceae	*Pinus*	*sylvestris*	Scotch pine
	Pinaceae	*Tsuga*	*canadensis*	hemlock
	Plantaginaceae	*Plantago*	*lanceolata*	English plantain
	Plantaginaceae	*Plantago*	*major*	common plantain
	Plantaginaceae	*Veronica*	*americana*	American brooklime
	Plantaginaceae	*Veronica*	*chamaedrys*	germander speedwell
	Plantaginaceae	*Veronica*	*officinalis*	common speedwell
	Plantaginaceae	*Veronica*	*peregrina*	purslane speedwell
	Poaceae	*Anthoxanthum*	*odoratum*	sweet vernal grass
	Poaceae	*Dactylis*	*glomerata*	orchard grass
	Poaceae	*Danthonia*	*spicata*	poverty oatgrass
	Poaceae	*Dichanthelium*	*lanuginosum*	wooly rosette grass
	Poaceae	*Oryzopsis*	*asperifolia*	spreading ricegrass
	Poaceae	*Phalaris*	*arundinacea*	reed canary grass
	Poaceae	*Poa*	*pratensis*	Kentucky bluegrass
	Polygalaceae	*Polygaloides*	*paucifolia*	gaywings
	Polygonaceae	*Persicaria*	*maculosa*	spotted lady's-thumb
	Polygonaceae	*Persicaria*	*sagittata*	arrow-leaf tearthumb
	Polygonaceae	*Rumex*	*acetosella*	sheep sorrel
	Polygonaceae	*Rumex*	*obtusifolius*	bitter dock
	Primulaceae	*Lysimachia*	*borealis*	starflower
	Primulaceae	*Lysimachia*	*nummularia*	creeping Jennie
	Primulaceae	*Lysimachia*	*quadrifolia*	whorled loosestrife
	Pteridaceae	*Adiantum*	*pedatum*	maidenhair fern
	Pteridaceae	*Pellaea*	*atropurpurea*	purple cliffbrake
	Ranunculaceae	*Actaea*	*pachypoda*	white baneberry
	Ranunculaceae	*Anemone*	*acutiloba*	sharp-lobed hepatica
	Ranunculaceae	*Anemone*	*quinquefolia*	wood anemone
	Ranunculaceae	*Aquilegia*	*canadensis*	wild columbine
	Ranunculaceae	*Caltha*	*palustris*	marsh marigold
	Ranunculaceae	*Clematis*	*virginiana*	virgin's bower
	Ranunculaceae	*Coptis*	*trifolia*	goldthread
	Ranunculaceae	*Ranunculus*	*abortivus*	kidney-leaved buttercup
	Ranunculaceae	*Ranunculus*	*acris*	tall buttercup
	Ranunculaceae	*Ranunculus*	*caricetorum*	northern swamp buttercup
	Ranunculaceae	*Ranunculus*	*repens*	creeping buttercup
	Rosaceae	*Agrimonia*	*gryposepala*	tall agrimony
	Rosaceae	*Amelanchier*	*sp.*	serviceberry

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Notes	Family	*Genus*	*species*	common name
	Rosaceae	*Crataegus*	*sp.*	hawthorn
	Rosaceae	*Fragaria*	*virginiana*	common wild strawberry
	Rosaceae	*Geum*	*fragarioides*	barren strawberry
	Rosaceae	*Geum*	*rivale*	purple avens
	Rosaceae	*Malus*	*domestica*	apple
	Rosaceae	*Potentilla*	*candensis*	dwarf cinquefoil
	Rosaceae	*Potentilla*	*norvegica*	ternate-leaved cinquefoil
	Rosaceae	*Potentilla*	*simplex*	old field cinquefoil
	Rosaceae	*Prunus*	*pensylvanica*	pin cherry
	Rosaceae	*Prunus*	*serotina*	black cherry
	Rosaceae	*Prunus*	*virginiana*	choke cherry
1	Rosaceae	*Rosa*	*multiflora*	multiflora rose
	Rosaceae	*Rubus*	*alleghaniensis*	common blackberry
	Rosaceae	*Rubus*	*flagellaris*	northern dewberry
	Rosaceae	*Rubus*	*hispidus*	bristly dewberry
	Rosaceae	*Rubus*	*idaeus*	red raspberry
	Rosaceae	*Rubus*	*occidentalis*	black raspberry
	Rosaceae	*Rubus*	*pubescens*	dwarf raspberry
	Rosaceae	*Spiraea*	*alba*	meadowsweet
	Rosaceae	*Spiraea*	*tomentosa*	steeplebush
	Rubiaceae	*Galium*	*album*	wild madder
	Rubiaceae	*Galium*	*aparine*	cleavers
	Rubiaceae	*Galium*	*trifidum*	small bedstraw
	Rubiaceae	*Galium*	*triflorum*	fragrant bedstraw
	Rubiaceae	*Mitchella*	*repens*	partridgeberry
	Salicaceae	*Populus*	*grandidentata*	bigtooth aspen
	Salicaceae	*Populus*	*tremuloides*	quaking aspen
	Salicaceae	*Salix*	spp.	willows
	Sapindaceae	*Acer*	*pensylvanicum*	striped maple
	Sapindaceae	*Acer*	*rubrum*	common red maple
	Sapindaceae	*Acer*	*saccharum*	sugar maple
	Saxifragaceae	*Mitella*	*diphylla*	two-leaf miterwort
	Saxifragaceae	*Mitella*	*nuda*	bishop's cap
	Saxifragaceae	*Tiarella*	*cordifolia*	foamflower
	Scrophulariaceae	*Verbascum*	*thapsus*	common mullein
	Solanaceae	*Solanum*	*dulcamara*	deadly nightshade
	Thelypteridaceae	*Thelypteris*	*noveboracensis*	New York fern
	Typhaceae	*Typha*	*latifolia*	broadleaf cattail

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Notes	Family	*Genus*	*species*	common name
	Ulmaceae	*Ulmus*	*americana*	American elm
	Violaceae	*Viola*	*blanda*	sweet white violet
	Violaceae	*Viola*	*canadensis*	Canada violet
	Violaceae	*Viola*	*cucullata*	marsh blue violet
	Violaceae	*Viola*	*labradorica*	American dog violet
	Violaceae	*Viola*	*rostrata*	longspur violet
	Violaceae	*Viola*	*rotundifolia*	roundleaf violet
	Violaceae	*Viola*	*sagittata*	arrowleaf violet
	Violaceae	*Viola*	*sororia*	common violet
	Vitaceae	*Parthenocissus*	*quinquefolia*	Virginia creeper
	Vitaceae	*Vitis*	*riparia*	riverbank grape

Nomenclature follows the New York Flora Atlas (Weldy et al., 2019).

Notes:

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

Sources:

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

Weldy, T., D. Werier, and A. Nelson. 2019. New York Flora Atlas. [S. M. Landry and K. N. Campbell (original application development), USF Water Institute. University of South Florida]. New York Flora Association, Albany, New York. Available at: http://newyork.plantatlas.usf.edu (Accessed June 2019).

WILDLIFE SPECIES LIST

Based on existing data, on-site surveys, and/or the availability of suitable habitat, the following species are likely to occur in the Facility Site at some time during the year.

Occurrence[1]	Common Name	Scientific Name	Conservation Status[2]
Bird Species			
	Waterfowl	*Anatidae*	
2, 3	wood duck	*Aix sponsa*	
2, 13	common loon	*Gavia immer*	SSC
3	mallard	*Anas platyrhynchos*	
2,	snow goose	*Anser caerulescens*	
2	double-crested cormorant	*Phalacrocorax auritus*	
2	brant	*Branta bernicla*	
2, 3	Canada goose	*Branta canadensis*	
3	hooded merganser	*Lophodytes cucullatus*	
3	common merganser	*Mergus merganser*	
	Grebes	*Pedicipedidae*	
6, 12	pied-billed grebe	*Podilymbus podiceps*	ST, SGCN
	Pheasants, Grouse, and Turkeys	*Phasianidae*	
2, 3	ruffed grouse	*Bonasa umbellus*	SGCN
2, 3	wild turkey	*Melagris gallopavo*	
1	ring-necked pheasant	*Phasianus colchicus*	
	Herons, Bitterns	*Areidae*	
2, 3	great blue heron	*Ardea herodia*	
2	sandhill crane	*Antigone canadensis*	
6	American bittern	*Botaurus lentiginosus*	SSC, SGCN
6, 12	Least Bittern	*Ixobrychus exilis*	
2, 3	green heron	*Butorides virescens*	
	American Vultures	*Cathartidae*	
2, 3, 14	turkey vulture	*Cathartes aura*	
2, 14	black vulture	*Coragyps atratus*	
	Hawks and Eagles	*Accipitridae*	
2, 3, 14	Cooper's hawk	*Accipiter cooperii*	SSC
2, 3, 14	broad-winged hawk	*Buteo platypterus*	
14	common nighthawk	*Chordeiles minor*	SSC
3, 2, 14	sharp-shinned hawk	*Accipiter striatus*	SSC
3, 2, 14	red-tailed hawk	*Buteo jamaicensis*	
14	rough-legged hawk	*Buteo lagopus*	

Occurrence[1]	Common Name	Scientific Name	Conservation Status[2]
3, 14	red-shouldered hawk	*Buteo lineatus*	SSC, SGCN
2, 3,12, 14	northern harrier	*Circus hudsonius*	ST, SGCN
3, 14	osprey	*Pandion haliaetus*	SSC
14	golden eagle	*Aquila chrysaetos*	SE, BGEPA
3, 5, 6, 12, 14	bald eagle	*Haliaeetus leucocephalus*	ST, SGCN
	Falcons	*Falconidae*	
2,	merlin	*Falco columbaris*	
5, 14	peregrine falcon	*Falco peregrinus*	SE, SGCN
2, 3, 14	American kestrel	*Falco sparverius*	SGCN
	Rails	*Rallidae*	
3	Virginia rail	*Rallus limicola*	
	Plovers	*Charadriidae*	
2, 3	killdeer	*Charadrius vociferus*	
	Sandpipers	*Scolopacidae*	
3	spotted sandpiper	*Actitis macularius*	
2	whimbrel	*Numenius phaeopus*	SCGN-HP
3	Wilson's snipe	*Gallinago delicata*	
3	American woodcock	*Scopolax minor*	SGCN
	Pigeons, Doves	*Columbidae*	
2, 3	rock pigeon	*Columba livia*	
2, 3	mourning dove	*Zenaida macroura*	
	Cuckoos	*Cuculidae*	
2,	yellow-billed cuckoo	*Coccyzus americanus*	
2, 3, 6	black-billed cuckoo	*Coccyzus erythropthalmus*	SGCN
	Owls	*Strigidae*	
6	short-eared owl	*Asio flammeus*	SE, SGCN-HP
3	great horned owl	*Bubo virginianus*	
3	eastern screech-owl	*Megascops asio*	
3, 14	barred owl	*Strix varia*	
	Swifts	*Apodidae*	
2, 3	chimney swift	*Chaetura pelagica*	
	Hummingbirds	*Trochilidae*	
2, 3	ruby-throated hummingbird	*Archilochus colubris*	

Occurrence[1]	Common Name	Scientific Name	Conservation Status[2]
	Kingfishers	*Alcedinidae*	
3	belted kingfisher	*Megaceryle alcyon*	
	Woodpeckers	*Picidae*	
2, 3	northern flicker	*Colaptes auratus*	
2, 3	pileated woodpecker	*Drycopus pileatus*	
2, 3	red-bellied woodpecker	*Melanerpes carolinus*	
6	red-headed woodpecker	*Melanerpes*	SSC, SGCN-HP
2, 3	downy woodpecker	*Picoides pubescens*	
2, 3	hairy woodpecker	*Picoides villosus*	
2, 3, 6, 13	yellow-bellied sapsucker	*Sphyrapicus varius*	
	Flycatchers	*Tyrannidae*	
6	olive-sided flycatcher	*Contopus cooperi*	SGCN-HP
2, 3	eastern wood-pewee	*Contopus sordidulus*	
2, 3	alder flycatcher	*Empidonax alnorum*	
2, 3	least flycatcher	*Empidonax minimus*	
2, 3, 6	willow flycatcher	*Empidonax traillii*	
2, 3	great crested flycatcher	*Myiarchus crinitus*	
2, 3	eastern phoebe	*Sayornis phoebe*	
2, 3	eastern kingbird	*Tyrnanus tyrannus*	
	Vireos	*Vireonidae*	
2, 3	yellow-throated vireo	*Vireo flavifrons*	
2, 3	warbling vireo	*Vireo gilvus*	
2, 3	blue-headed vireo	*Vireo solitarius*	
2, 3	red-eyed vireo	*Vireo olivaceus*	
	Crows and Jays	*Corvidae*	
2, 3	American crow	*Corvus brachyrhynchos*	
2,	common raven	*Corvus chorax*	
2, 3	blue jay	*Cyanocitta cristata*	
	Swallows	*Hirundinidae*	
2, 3	barn swallow	*Hirundo rustica*	
3	bank swallow	*Riparia riparia*	
3	northern rough-winged swallow	*Stelgidopteryx serripennis*	
2, 3	tree swallow	*Tachycineta bicolor*	
	Titmice, Chickadees	*Paridae*	
2, 3	tufted titmouse	*Baeolophus bicolor*	
2, 3	black-capped chickadee	*Poecile atricapillus*	

Occurrence[1]	Common Name	Scientific Name	Conservation Status[2]
	Nuthatches	*Sittidae*	
2, 3	red-breasted nuthatch	*Sitta canadensis*	
2, 3	white-breasted nuthatch	*Sitta carolinensis*	
	Creepers	*Certhiidae*	
2, 3	brown creeper	*Certhia americana*	
	Wrens	*Troglodytidae*	
12	sedge wren	*Cistothorus platensis*	ST, SGCN-HP
2, 3	winter wren	*Troglodytes hiemalis*	
2, 3	house wren	*Troglodytes aedon*	
	Kinglets	*Regulidae*	
2, 3	golden-crowned kinglet	*Regulus satrapa*	
	Thrushes	*Turdidae*	
2, 3	veery	*Catharus fuscescens*	
2, 3	hermit thrush	*Catharus guttatus*	
2, 3, 6, 13	wood thrush	*Hylocichla mustelina*	SGCN
2, 3	eastern bluebird	*Sialia sialis*	
2, 3	American robin	*Turdus migratorius*	
	Mimic Thrushes	*Mimidae*	
2, 3	gray catbird	*Dumetella carolinensis*	
2, 3	brown thrasher	*Toxostoma rufum*	SGCN-HP
	Starlings	*Sturnidae*	
2, 3	European starling	*Sturnus vulgaris*	
	Waxwings	*Bombycillidae*	
2, 3	cedar waxwing	*Bombycilla cedrorum*	
	Wood Warblers	*Parulidae*	
2, 3, 6, 13	Canada warbler	*Cardellina canadensis*	SGCN-HP
2	mourning warbler	*Geothlypis philadelphia*	
2, 3	common yellowthroat	*Geothlypis trichas*	
2, 3	black-and-white warbler	*Mniotilta varia*	
2, 3	blackburnian warbler	*Setopaga fusca*	
2, 3	Nashville warbler	*Oreothlypis ruficapilla*	
2, 3, 6	Louisiana waterthrush	*Parkesia motacilla*	SGCN
2, 3	northern waterthrush	*Parkesia noveboracensis*	
2	black-throated blue warbler	*Setophaga caerulescens*	SGCN

Occurrence[1]	Common Name	Scientific Name	Conservation Status[2]
2, 3	black-throated green warbler	*Setophaga virens*	
2, 3	yellow-rumped warbler	*Setophaga coronata*	
2, 3, 6, 13	prairie warbler	*Setophaga discolor*	SGCN
2, 3	magnolia warbler	*Setophaga magnolia*	
2, 3	chestnut-sided warbler	*Setophaga pensylvanica*	
2, 3	yellow warbler	*Setophaga petechia*	
2, 3	American redstart	*Setophaga ruticilla*	
2, 3	ovenbird	*Sieurus aurocapilla*	
6	golden-winged warbler	*Vermivora chrysoptera*	SSC, SGCN-HP
2, 3, 6	blue-winged warbler	*Vermivora cyanoptera*	SGCN
2	hooded warbler	*Setophaga citrins*	
2	pine warbler	*Setophaga ninus*	
2	northern parula	*Setophaga americana*	
6	cerulean warbler	*Dendroica cerulea*	SGCN
	Cardinals	*Cardinalinae*	
2, 3	northern cardinal	*Cardinalis cardinalis*	
2, 3	indigo bunting	*Passernia cyanea*	
2, 3	rose-breasted grosbeak	*Pheucticus ludovicianus*	
2, 3	scarlet tanager	*Piranga olivacea*	SGCN
	Blackbirds	*Icteridae*	
1, 2, 3	red-winged blackbird	*Agelaius phoeniceus*	
2, 3	Bobolink	*Dolichonyx oryzivorus*	SGCN-HP
2, 3	Baltimore oriole	*Icterus galbula*	
2, 3	brown-headed cowbird	*Molothrus ater*	
2, 3	common grackle	*Quiscalus quiscula*	
2, 3	eastern meadowlark	*Sturnella magna*	SGCN-HP
	Old World Sparrows	*Passeridae*	
2, 3	house sparrow	*Passer domesticus*	
3	True Finches	*Fringillidae*	
2	common redpoll	*Acanthis flammea*	
3	house finch	*Haemorhous mexicanus*	
2, 3	purple finch	*Haemorhous purpureus*	
2, 3	American goldfinch	*Spinus tristus*	
	Sparrows, Towhees	*Passerillidae*	
12	Henslow's sparrow	*Ammodramus henslowii*	ST, SGCN-HP
2	grasshopper sparrow	*Ammodramus savannarum*	SSC, SGCN-HP
2	american pipit	*Anthus rubescens*	

Occurrence[1]	Common Name	Scientific Name	Conservation Status[2]
1, 2, 3	dark-eyed junco	*Junco hyemalis*	
3	swamp sparrow	*Melospiza georgiana*	
2, 3	song sparrow	*Melospiza melodia*	
2, 3	savannah sparrow	*Passerculus*	
2, 3	eastern towhee	*Piplio erythrophthalmus*	
1	American tree sparrow	*Spizalloides arborea*	
2, 3	chipping sparrow	*Spizella passerina*	
2, 3	field sparrow	*Spizella pusilla*	
2, 3	white-throated sparrow	*Zonotrichia albicollis*	
Mammal Species			
	Opossums	*Didelphidae*	
8	Virginia opossum	*Didelphis virginiana*	
	Shrews	*Soricidae*	
8	northern short-tailed shrew	*Blarina brevicauda*	
8	least shrew	*Cryptotis parva*	
8	masked shrew	*Sorex cinereus*	
8	smoky shrew	*Sorex fumeus*	
8	water shrew	*Sorex palustris*	
	Moles	*Talpidae*	
8	star-nosed mole	*Condylura cristata*	
8	hairy-tailed mole	*Parascalops breweri*	
	Bats	*Vespertillionidae*	
8, 11	big brown bat	*Epitesicus fuscus*	
8, 11	silver-haired bat	*Lasionycteris noctivagans*	SGCN
8, 11	eastern red bat	*Lasiurus borealis*	SGCN
8, 11	hoary bat	*Lariurus cinereus*	SGCN
8, 11	small-footed bat	*Myotis leibii*	SSC, SGCN
8, 11	little brown bat	*Myotis lucifugus*	SGCN-HP
8, 11	northern long-eared bat	*Myotis septentrionalis*	ST, SGCN-HP
8, 11	tri-colored bat	*Perimyotis subflavus*	SGCN-HP
	Dogs, Wolves and Foxes	*Canidae*	
8	coyote	*Canis latrans*	
8	red fox	*Vulpes vulpes*	
	Bears	*Ursidae*	
8	American black bear	*Ursus americanus*	
	Skunks	*Mephitidae*	

Occurrence[1]	Common Name	Scientific Name	Conservation Status[2]
8	striped skunk	*Mephitis mephitis*	
	Raccoons	*Procyonidae*	
8	raccoon	*Procyon lotor*	
	Weasels	*Mustelidae*	
8	ermine	*Mustela erminea*	
8	long-tailed weasel	*Mustela frenata*	
8	mink	*Neovison vison*	
8	fisher	*Pekania pennanti*	
	Cats	*Felidae*	
8	bobcat	*Lynx rufus*	
	Deer	*Cervidae*	
1, 8	white-tailed deer	*Odocoileus virginianus*	
	Porcupines	*Erethizontidae*	
1, 8	North American porcupine	*Erithizon dorsatum*	
	Squirrels	*Sciuridae*	
8	southern flying squirrel	*Glaucomys volans*	
1, 8	woodchuck	*Marmota monax*	
1, 8	eastern gray squirrel	*Sciurus carolinensis*	
1, 8	red squirrel	*Tamiasciurus hudsonicus*	
1, 8	eastern chipmunk	*Tamias striatus*	
	Beaver	*Castoridae*	
8	beaver	*Castor canadensis*	
	Mice, Rats, Lemmings, Voles	*Cricetidae*	
8	meadow vole	*Microtus pennsylvanicus*	
8	muskrat	*Ondatra zibethicus*	
8	white-footed mouse	*Peromyscus leucopus*	
8	deer mouse	*Peromyscus maniculatus*	
	Old World Rats and Mice	*Muridae*	
8	house mouse	*Mus musculus*	
8	brown rat	*Rattus norvegicus*	
	Jumping Mice	*Dipodidae*	
8	woodland jumping mouse	*Napaezapus insignis*	
8	meadow jumping mouse	*Zapus hudsonius*	
	Rabbits	*Leporidae*	

Occurrence[1]	Common Name	Scientific Name	Conservation Status[2]
8	eastern cottontail	*Sylvilagus floridanus*	
Reptile and Amphibian Species			
	Snapping Turtles	*Chelydridae*	
9	snapping turtle	*Chelydra serpentine*	SGCN
	Pond and Box Turtles	*Emydidae*	
9	painted turtle	*Chrysemys picta*	
9	wood turtle	*Glyptemys insculpta*	SSC, SGCN-HP
9	slider turtle	*Trachemys scripts*	
9	eastern redbelly turtle	*Pseudmys rubriventris*	
	Colubrids	*Colubridae*	
9	eastern milk snake	*Lampropeltis traingulum*	
9	northern water snake	*Nerodia sipedon*	
9	northern brown snake	*Storeria dekayi*	
9	northern redbelly snake	*Storeria occiptomaculata*	
9	common garter snake	*Thamnophis sirtalis*	
9	smooth green snake	*Liochlorophis vernalis*	SGCN
	Mole Salamanders	*Ambystomatidae*	
9, 10	spotted salamander	*Ambystoma maculatum*	
10	jefferson/blue-spotted salamander complex	*Ambystoma jeffersonianum x lat*	SGCN-HP
	Lungless Salamanders	*Plethodontidae*	
9	northern dusky salamander	*Desmognathus fuscus*	
9	allegheny dusky salamander	*Desmognathus*	
9	northern two-lined salamander	*Eurycea bislineata*	
9	northern red-backed salamander	*Plethodon cinereus*	
9	northern slimy salamander	*Plethodon glutinosos*	
9	northern spring salamander	*Gyrinophilus p.*	
9, 5	Eastern longtail salamander	*Eurycea l. longicauda*	SGCN-HP
	Giant Salamanders	*Cryptobranchidae*	
9, 5	Eastern hellbender	*Cryptobranchus alleganiensis*	SSC, SGCN
	Newts	*Salamandridae*	
9, 10	red-spotted newt	*Notophtalmus viridescens*	
	Toads	*Bufonidae*	
9, 10	Eastern american toad	*Bufo americanus*	
	Tree Frogs	*Hylidae*	

Occurrence[1]	Common Name	Scientific Name	Conservation Status[2]
9	gray treefrog	*Hyla versicolor*	
9, 10	spring peeper	*Pseudacris crucifer*	
	True Frogs	*Ranidae*	
9	Bullfrog	*Lithobates catesbeiana*	
9, 10	green frog	*Lithobates clamitans*	
9	pickerel frog	*Lithobates palustris*	
9	northern leopard frog	*Lithobates pipiens*	
9, 10	wood frog	*Lithobates sylvatica*	
Fish Species			
	Salmonids	*Salmonidae*	
4	rainbow trout	*Oncorhynchus mykiss*	
4	brook trout	*Salvelinus fontinalis*	
4	sockeye salmon	*Oncorhynchus nerka*	
4	atlantic salmon	*Salmo salar*	
4	brown trout	*Salmo trutta*	
4	brook trout	*Salvelinus fontinalis*	
4	splake	*Salvelinus fontinalis x Salvelinus namaycush*	
4	lake trout	*Salvelinus namaycush*	
4	central mudminnow	*Umbra limi*	
	Freshwater eels	*Anguillidae*	
4	american eel	*Anguilla rostrata*	SGCN-HP
	Herrings	*Clupeidae*	
4	alewife	*Alosa pseudoharengus*	
4	american shad	*Alosa sapidissima*	
4	gizzard shad	*Dorosoma cepedianum*	
	Lampreys	*Petromyzontidae*	
4	sea lamprey	*Petromyzon marinus*	
	Carp	*Cyprinidae*	
4	central stoneroller	*Campostoma anomalum*	
4	goldfish	*Carassius auratus*	
4	northern redbelly dace	*Chrosomus eos*	
4	redside dace	*Clinostomus elongatus*	

Occurrence[1]	Common Name	Scientific Name	Conservation Status[2]
4	satinfin shiner	*Cyprinella analostana*	
4	spotfin shiner	*Cyprinella spiloptera*	
4	common carp	*Cyprinus carpio*	
4	cutlip minnow	*Exoglossum maxillingua*	
4	brassy minnow	*Hybognathus hankinsoni*	
4	eastern silvery minnow	*Hybognathus regius*	
4	common shiner	*Luxilus cornutus*	
4	allegheny pearl dace	*Margariscus margarita*	
4	hornyhead chub	*Nocomis biguttatus*	
4	river chub	*Nocomis micropogon*	
4	golden shiner	*Notemigonus crysoleucas*	
4	comely shiner	*Notropis amoenus*	SCGN-HP
4	emerald shiner	*Notropis atherinoides*	
4	bridle shiner	*Notropis bifrenatus*	
4	blackchin shiner	*Notropis heterodon*	
4	blacknose Shiner	*Notropis heterolepis*	
4	spottail shiner	*Notropis hudsonius*	
4	swallowtail shiner	*Notropis procne*	SGCN-HP
4	rosyface shiner	*Notropis rubellus*	
4	sand shiner	*Notropis stramineus*	
4	mimic shiner	*Notropis volucellus*	
4	bluntnose minnow	*Pimephales notatus*	
4	fathead minnow	*Pimephales promelas*	
4	eastern blacknose dace	*Rhinichthys atratulus*	
4	longnose dace	*Rhinichthys cataractae*	
4	rudd	*Scardinius erythrophthalmus*	
4	creek chub	*Semotilus atromaculatus*	
4	fallfish	*Semotilus corporalis*	
	Catfish	*Ictaluridae*	
4	yellow bullhead	*Ameiurus natalis*	
4	brown bullhead	*Ameiurus nebulosus*	
4	Channel Catfish	*Ictalurus punctatus*	
4	Tadpole madtom	*Noturus gyrinus*	
4	margined madtom	*Noturus insignis*	

Occurrence[1]	Common Name	Scientific Name	Conservation Status[2]
	Cods	*Gadidae*	
4	Burbot	*Lota lota*	
	Perch	*Percidae*	
4	Greenside Darter	*Etheostoma blennioides*	
4	Fantail darter	*Etheostoma flabellare*	
4	tesselated darter	*Etheostoma olmstedi*	
4	banded darter	*Etheostoma zonale*	
4	yellow perch	*Perca flavescens*	
4	shield darter	*Percina peltata*	
4	walleye	*Sander vitreus*	
	Pike	*Escocidae*	
4	redfin pickerel	*Esox americanus*	
4	northern pike	*Esox lucius*	
4	tiger muskellunge	*Esox Lucius x Esox masquinony*	
4	muskellunge	*Esox masquinongy*	
4	chain pickerel	*Esox niger*	
	Sculpins	*Cottidae*	
4	mottled sculpin	*Cottus bairdii*	
4	slimy sculpin	*Cottus cognatus*	
	Suckers	*Catostomidae*	
4	quillback	*Carpiodes cyprinus*	
4	longnose sucker	*Catostomus catostomus*	
4	white sucker	*Catostomus commersonii*	
4	eastern creek chubsucker	*Erimyzon oblongus*	
4	northern hogsucker	*Hypentelium nigricans*	
4	shorthead redhorse	*Moxostoma*	
	sticklebacks	*Gasterosteidae*	
4	brook stickleback	*Culaea inconstans*	
	Loaches	*Cobitidae*	
4	oriental weatherfish	*Misgurnus anguillicaudatus*	
	Temperate Basses	Moronidae	
4	white perch	Morone Americana	
	Sunfish	*Centrarchidae*	
4	rock bass	*Ambloplites rupestris*	
4	redbreast sunfish	*Lepomis auritus*	
4	green sunfish	*Lepomis cyanella*	

Occurrence[1]	Common Name	Scientific Name	Conservation Status[2]
4	pumpkinseed	*Lepomis gibbosus*	
4	bluegill	*Lepomis macrochirus*	
4	smallmouth bass	*Micropterus dolomieu*	
4	largemouth bass	*Micropterus salmoides*	
4	White crappie	*Pomoxis annularis*	
4	black crappie	*Pomoxis nigromaculatus*	
	Smelts	*Osmeridae*	
4	Rainbow Smelt	*Osmerus mordax*	
4	Cisco	*Coregonus artedi*	
4	Lake Whitefish	*Coregonus clupeaformis*	
	Topminnows	*Fundulidae*	
4	banded killifish	*Fundulus diaphanus*	

[1] Species Occurrence Codes:

1 Species observed in the Facility Area by EDR during invasive species surveys and/or wetland delineations.
2 Species observed in the Facility Area by WEST during winter and/or breeding bird surveys.
3 Species Identified in one or more of the following NYS Breeding Bird Atlas Blocks: 4570C, 4570D, 4670C, 4569A, 4569B, 4669A, 4569C, 4569D, 4669C during the 2000-2005 atlas.
4 Species Identified by the Atlas of Inland Fishes of New York as existing within the Susquehanna watershed.
5 Species Identified by NYNHP as occurring within 5 miles of the Facility Site.
6 Species Identified in USFWS IPaC resource list as potentially occurring at or near the Facility Site.
7 Species Identified by the NYSDEC as potentially present in the Facility Area. .
8 Species commonly occurring in New York State and likely to occur in the Facility Site.
9 Species identified in the NYS Herp Atlas as occurring in the Sidney, Guilford, and Oxford quadrangles.
10 Species identified by EDR during vernal pool surveys.
11 Species Identified by WEST as known to occur in Chenango County.
12 Species Identified by WEST as potentially occurring in Chenango County
13 Species Identified by WEST as potentially occurring within or near the facility site during the breeding season.
14 Species Identified by WEST during eagle and raptor use surveys.

[2] Conservation Status Codes:

SGCN NYS Species of Greatest Conservation Need
SGCN-HP NYS Species of Greatest Conservation Need – High Priority
SSC NYS Species of Special Concern
ST NYS Threatened Species
SE NYS Endangered Species
BGEPA Bald and Golden Eagle Protection Act