

Appendix D Floristic Quality Assessment Inventory for Habitat Units H01 through H20 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H01	H02	H03	H04	H05	H06	H07	H08	H10	H12	H13	H14	H15	H16	H17	H18	H19	H20
				36.03 - 36.48 south	36.03 - 40.72 north	36.48 - 36.70 south	37.81 - 37.98 south	38.56 - 39.30 north	39.17 - 39.30 south	39.34 - 40.73 north	40.73 - 41.82 north	41.86 - 42.94 north	42.59 - 42.79 south	42.79 - 42.94 south	42.95 - 43.74 north	42.95 - 43.10 south	43.31 - 43.46 south	43.78 - 44.03 north	44.05 - 45.12 north	44.05 - 45.12 south	45.15 - 45.70 north
<i>Acalypha rhomboidea</i>	Common Three-Seed-Mercury	FACU																			
<i>Acer ginnala</i>	Amur Maple	UPL																			
<i>Acer negundo</i>	Ash-Leaf Maple	FAC		X																X	
<i>Acer rubrum</i>	Red Maple	FAC				X	X							X			X			X	
<i>Acer saccharinum</i>	Silver Maple	FACW		X	X		X	X	X	X				X						X	
<i>Acer saccharum</i>	Sugar Maple	FACU												X		X	X			X	
<i>Achillea millefolium</i>	Common Yarrow	FACU			X					X		X			X				X	X	
<i>Agalinis skinneriana</i>	Skinner's False Foxglove	UPL	ST																X		
<i>Agalinis tenuifolia</i>	Slender-Leaf False Foxglove	FACW			X			X													
<i>Ageratina altissima</i>	White Snakeroot	FACU				X															
<i>Agrimonia gryposepala</i>	Tall Hairy Grooveburr	FACU			X															X	
<i>Agrimonia parviflora</i>	Harvestlice	FACW		X	X			X			X	X			X						X
<i>Agrostis gigantea</i>	Black Bent	FACW			X					X											
<i>Agrostis scabra</i>	Rough Bent	FAC																			
<i>Agrostis stolonifera</i>	Spreading Bent	FACW										X									
<i>Ailanthus altissima</i>	Tree-of-Heaven	FACU											X								
<i>Alisma subcordatum</i>	American Water-Plantain	OBL																		X	X
<i>Alliaria petiolata</i>	Garlic-Mustard	FAC							X								X				
<i>Allium sp.</i>									X					X							
<i>Allium tricoccum</i>	Ramp	FACU																		X	
<i>Allium vineale</i>	Crow Garlic	FACU								X											
<i>Alnus incana</i>	Speckled Alder	FACW	WL		X			X		X										X	
<i>Alnus sp.</i>									X												
<i>Alopecurus carolinianus</i>	Tufted Meadow-Foxtail	FACW			X																
<i>Ambrosia artemisiifolia</i>	Annual Ragweed	FACU		X	X			X		X					X			X	X	X	
<i>Ambrosia trifida</i>	Great Ragweed	FAC			X		X												X		
<i>Amelanchier interior</i>	Inland Service-Berry	UPL																			
<i>Amelanchier laevis</i>	Allegheny Service-Berry	UPL														X	X				
<i>Amelanchier sp.</i>																					
<i>Ampelopsis brevipedunculata</i> ¹	Turquoise-Berry	UPL																		X ¹	
<i>Amphicarpaea bracteata</i>	American Hog-Peanut	FAC														X					
<i>Andropogon gerardii</i>	Big Bluestem	FAC			X					X		X			X			X	X		X
<i>Andropogon virginicus</i>	Broom-Sedge	FACU																			
<i>Anemone quinquefolia</i>	Nightcaps	FAC															X			X	

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				36.03 - 36.48 south	36.03 - 40.72 north	36.48 - 36.70 south	37.81 - 37.98 south	38.56 - 39.30 north	39.17 - 39.30 south	39.34 - 40.73 north	40.73 - 41.82 north	41.86 - 42.94 north	42.59 - 42.79 south	42.79 - 42.94 south	42.95 - 43.74 north	42.95 - 43.10 south	43.31 - 43.46 south	43.78 - 44.03 north	44.05 - 45.12 north	44.05 - 45.12 south	45.15 - 45.70 north
<i>Anemone virginiana</i>	Tall Thimbleweed	FACU			X					X					X						
<i>Apios americana</i>	Groundnut	FACW		X	X			X		X	X	X			X				X	X	X
<i>Apocynum cannabinum</i>	Indian-Hemp	FAC		X	X			X		X		X				X		X	X		X
<i>Arabis lyrata</i>	Mouse-Ear Cress	UPL																			
<i>Arctium lappa</i>	Great Burdock	UPL		X	X				X												
<i>Aronia prunifolia</i>	Purple Chokeberry	FACW																		X	
<i>Artemisia abrotanum</i>	Southern Wormwood	UPL																			
<i>Artemisia absinthium</i>	Common Wormwood	UPL				X	X							X	X	X					
<i>Artemisia dracunculus</i>	False Tarragon	UPL																			
<i>Artemisia serrata</i>	Serrate-Leaf Sage	UPL								X											
<i>Artemisia vulgaris</i>	Common Mugwort	UPL								X											
<i>Asclepias incarnata</i>	Swamp Milkweed	OBL			X					X	X	X			X			X			
<i>Asclepias longifolia</i> ²	Tall Green Milkweed	UPL			X ²																
<i>Asclepias purpurascens</i>	Purple Milkweed	FACU																			
<i>Asclepias syriaca</i>	Common Milkweed	FACU		X	X			X		X	X	X			X			X	X		
<i>Asclepias tuberosa ssp. interior</i>	Butterfly-Weed	UPL		X	X					X											
<i>Asclepias verticillata</i>	Whorled Milkweed	FACU																			
<i>Asclepias viridiflora</i>	Green Milkweed	UPL			X																
<i>Asimina triloba</i>	Common Pawpaw	FAC																		X	
<i>Asparagus officinalis</i>	Asparagus	FACU								X											
<i>Athyrium filix-femina ssp. angustum</i>	Subarctic Lady Fern	FAC																		X	
<i>Berberis thunbergii</i>	Japanese Barberry	FACU														X	X			X	
<i>Berteroa incana</i>	Hoary Alyssum	UPL																			
<i>Betula nigra</i>	River Birch	FACW										X									
<i>Bidens bipinnata</i>	Spanish-Needles	FAC																			
<i>Bidens frondosa</i>	Devil's-Pitchfork	FACW																			
<i>Bidens sp.</i>																					
<i>Boehmeria cylindrica</i>	Small-Spike False Nettle	OBL					X													X	
<i>Bothriochloa laguroides</i>	Silver Beardgrass	UPL								X											
<i>Bromus secalinus</i>	Smooth Chess	UPL			X																
<i>Calamagrostis canadensis</i>	Bluejoint	OBL			X			X				X			X			X	X	X	
<i>Calamagrostis stricta</i>	Slim-Stem Reed Grass	FACW			X																
<i>Calystegia sepium</i>	Hedge False Bindweed	FAC			X					X		X						X	X		X
<i>Campsis radicans</i>	Trumpet-Creeper	FACU																			

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<i>Cannabis sativa</i>	Hemp	FACU																			
<i>Cardamine parviflora</i> var. <i>arenicola</i>	Small-Flowered Bitter Cress	FAC																			
<i>Carex bebbii</i>	Bebb's Sedge	OBL	ST		X						X	X						X			
<i>Carex brevior</i>	Short-Beak Sedge	FAC																			
<i>Carex crinita</i>	Fringed Sedge	OBL			X			X				X			X				X	X	
<i>Carex folliculata</i>	Northern Long Sedge	OBL	SR		X			X		X	X	X			X				X	X	
<i>Carex grayii</i> ³	Gray's Sedge	FACW			X ³			X ³		X ³	X ³	X ³			X ³			X ³	X ³	X ³	
<i>Carex intumescens</i> ³	Greater Bladder Sedge	FACW																			
<i>Carex lacustris</i>	Lakebank Sedge	OBL																			
<i>Carex lurida</i>	Sallow Sedge	OBL			X			X				X			X			X	X	X	
<i>Carex</i> sp.																					
<i>Carex straminea</i>	Eastern Straw Sedge	OBL			X			X													
<i>Carex suberecta</i>	Prairie Straw Sedge	OBL										X									
<i>Carex tribuloides</i>	Blunt Broom Sedge	OBL								X											
<i>Carex vulpinoidea</i>	Common Fox Sedge	FACW			X			X		X	X	X			X				X	X	
<i>Carya cordiformis</i>	Bitter-Nut Hickory	FACU																			
<i>Carya ovata</i>	Shag-Bark Hickory	FACU																			
<i>Carya</i> sp.																					
<i>Catalpa speciosa</i>	Northern Catalpa	FACU			X												X			X	
<i>Celastrus orbiculatus</i>	Asian Bittersweet	UPL		X		X								X	X	X		X	X	X	
<i>Celastrus scandens</i>	American Bittersweet	FACU			X												X				
<i>Celtis occidentalis</i>	Common Hackberry	FAC																			
<i>Cenchrus longispinus</i>	Sand Bur	UPL																			
<i>Centaurea stoebe</i> ssp. <i>micranthos</i>	Spotted Knapweed	UPL		X	X			X		X					X						
<i>Cephalanthus occidentalis</i>	Common Buttonbush	OBL																			
<i>Cercis canadensis</i>	Redbud	FACU					X														
<i>Chamaesyce humistrata</i>	Spreading Sandmat	FACW																			
<i>Chamaesyce maculata</i>	Spotted Sandmat	FACU																			
<i>Chamaesyce nutans</i>	Eyebane	FACU																			
<i>Chelidonium majus</i>	Celandine	UPL																			
<i>Chelone glabra</i>	White Turtlehead	OBL			X			X													
<i>Chenopodium album</i>	Lamb's-Quarters	FACU																			
<i>Chenopodium leptophyllum</i>	Narrow-Leaf Goosefoot	FACU																			
<i>Chenopodium pratericola</i>	Nettle-Leaf Goosefoot	FACU																			

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<i>Chondrilla juncea</i>	Rush Skeletonweed	UPL																			
<i>Cichorium intybus</i>	Chicory	FACU			X											X					
<i>Cicuta maculata</i>	Spotted Water-Hemlock	OBL																		X	
<i>Cinna arundinacea</i>	Sweet Wood-Reed	FACW				X										X				X	
<i>Cirsium arvense</i>	Canadian Thistle	FACU							X											X	
<i>Cirsium discolor</i>	Field Thistle	FACU		X	X			X			X	X									X
<i>Cirsium muticum</i>	Swamp Thistle	OBL								X	X										
<i>Cirsium vulgare</i>	Bull Thistle	FACU										X			X						
<i>Claytonia virginica</i>	Virginia Springbeauty	FACU																			
<i>Clematis virginiana</i>	Devil's-Darning-Needles	FAC		X						X	X	X		X	X	X				X	
<i>Coleataenia anceps</i>	Beaked Cut-Throat Grass	FACW			X										X						
<i>Coleataenia longifolia</i>	Red-Top Cut-Throat Grass	FACW																			
<i>Coleataenia rigidula</i>	Red-Top Cut-Throat Grass	FACW													X						
<i>Commelina communis</i>	Asiatic Dayflower	FACU																			
<i>Convallaria majalis</i>	Lily-of-the-Valley	UPL																			
<i>Coreopsis lanceolata</i>	Lance-Leaf Tickseed	FACU			X																
<i>Coreopsis tripteris</i>	Tall Tickseed	FAC		X	X							X							X		
<i>Cornus alba</i>	Red Osier	FACW			X			X				X									X
<i>Cornus florida</i>	Flowering Dogwood	FACU														X					
<i>Cornus obliqua</i>	Pale Dogwood	FACW																			X
<i>Cornus racemosa</i>	Gray Dogwood	FAC			X	X		X		X		X						X		X	X
<i>Corylus americana</i>	American Hazelnut	FACU																			
<i>Crataegus macrosperma*</i>																					
<i>Crataegus phaenopyrum</i>	Washington Hawthorn	FAC								X		X							X		
<i>Crataegus pruinosa</i>	Frosted Hawthorn	UPL			X																
<i>Crataegus sp.</i>										X		X									
<i>Croton glandulosus</i> var. <i>septentrionalis</i>	Sand Croton	UPL																			
<i>Cuscuta gonovii</i>	Rope Dodder	UPL			X			X			X	X							X		
<i>Cyperus bipartitus</i>	Shining Flat Sedge	OBL			X																
<i>Cyperus esculentus</i>	Chufa	FACW		X				X				X			X			X	X	X	
<i>Cyperus filiculmis</i>	Chufa	FACW																			
<i>Cyperus lupulinus</i>	Great Plains Flat Sedge	FACU																			
<i>Cyperus schweinitzii</i>	Sand Flat Sedge	FACU																			
<i>Cyperus strigosus</i>	Straw-Color Flat Sedge	FACW								X	X										X

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<i>Dactylis glomerata</i>	Orchard Grass	FACU														X				X	
<i>Daucus carota</i>	Queen Anne’s Lace	UPL		X	X		X		X	X		X	X	X	X	X			X		
<i>Desmodium paniculatum</i>	Panicle​d-Leaf Tick-Trefoil	FACU								X					X				X		
<i>Desmodium sessilifolium</i>	Sessile-Leaf Tick-Trefoil	UPL																			
<i>Dichanthelium clandestinum</i>	Deer-Tongue Rosette Grass	FACW		X	X			X		X	X	X			X	X		X	X	X	X
<i>Digitaria sanguinalis</i>	Hairy Crab Grass	FACU																			
<i>Dioscorea villosa</i>	Wild Yam	FAC			X	X		X	X	X	X	X			X			X	X		
<i>Dipsacus fullonum</i>	Fuller's Teasel	FACU																			
<i>Doellingeria umbellata</i>	Parasol White-Top	FACW			X			X			X									X	X
<i>Draba verna</i>	Vernal Whitlow-Grass	UPL																			
<i>Dryopteris cristata</i>	Crested Wood Fern	OBL																		X	
<i>Dryopteris intermedia</i>	Evergreen Wood Fern	FAC																		X	
<i>Echinacea purpurea</i>	Purple Coneflower	UPL																			
<i>Echinochloa muricata</i>	Large Barnyard Grass	FACW		X											X					X	X
<i>Elaeagnus angustifolia</i>	Russian-Olive	FACU															X		X		
<i>Elaeagnus umbellata</i>	Autumn-Olive	UPL		X								X				X					X
<i>Eleusine indica</i>	Indian Goose Grass	FACU																			
<i>Elymus canadensis</i>	Nodding Wild Rye	FACU													X						
<i>Elymus riparius</i>	River-Bank Wild Rye	FACW													X						
<i>Elymus virginicus</i>	Virginia Wild Rye	FACW										X								X	
<i>Epilobium coloratum</i>	Purple-Leaf Willowherb	OBL		X			X													X	
<i>Equisetum arvense</i>	Field Horsetail	FAC			X	X	X	X	X			X		X		X	X		X		
<i>Equisetum hyemale</i>	Tall Scouring-Rush	FACW							X			X	X	X	X					X	
<i>Equisetum laevigatum</i>	Smooth Scouring-Rush	FACW																			
<i>Eragrostis capillaris</i>	Lace Grass	UPL													X						
<i>Eragrostis spectabilis</i>	Purple Love Grass	UPL																			
<i>Erigeron annuus</i>	Eastern Daisy Fleabane	FACU			X																
<i>Erigeron canadensis</i>	Canadian Horseweed	FACU		X	X					X											
<i>Erigeron strigosus</i>	Prairie Fleabane	FACU																			
<i>Euonymus alatus</i>	Winged Euonymus	UPL														X	X				
<i>Euonymus europaeus</i>	European Spindle Tree	UPL														X				X	
<i>Euonymus hederaceus</i>	Climbing Euonymus	UPL														X					
<i>Eupatorium altissimum</i>	Tall Boneset	UPL			X			X		X									X		
<i>Eupatorium perfoliatum</i>	Common Boneset	OBL			X		X	X		X	X	X			X				X	X	X

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<i>Eupatorium serotinum</i>	Late-Flowering Thoroughwort	FAC		X	X		X			X		X			X						
<i>Euphorbia corollata</i>	Flowering Spurge	UPL		X	X					X					X			X	X		X
<i>Euphorbia hexagona</i>	Mexican-Fireplant	FACU																			
<i>Euthamia graminifolia</i>	Flat-Top Goldentop	FACW		X	X	X		X		X	X	X			X	X		X	X	X	X
<i>Euthamia gymnospermoides</i>	Texas Goldentop	FACW														X					
<i>Eutrochium fistulosum</i>	Trumpetweed	OBL			X			X		X	X	X			X	X		X	X	X	X
<i>Eutrochium maculatum</i>	Spotted Trumpetweed	OBL								X		X									
<i>Eutrochium purpureum</i>	Sweet-Scented Joe-Pye-Weed	FAC																			
<i>Fagus grandifolia</i>	American Beech	FACU																		X	
<i>Fallopia convolvulus</i>	Black-Bindweed	FACU																			
<i>Fallopia dumetorum</i> *																					
<i>Fallopia scandens</i>	Climbing Black-Bindweed	FAC		X	X			X													
<i>Festuca filiformis</i>	Slender Fescue	UPL																			
<i>Festuca rubra</i>	Red Fescue	FACU																			
<i>Fragaria virginiana</i>	Virginia Strawberry	FACU			X									X							
<i>Frangula alnus</i>	Glossy False Buckthorn	FACW		X	X					X										X	
<i>Fraxinus pennsylvanica</i>	Green Ash	FACW		X	X		X	X	X	X	X	X		X	X	X	X	X	X	X	X
<i>Galium aparine</i>	Sticky-Willy	FACU							X					X							
<i>Galium tinctorium</i>	Stiff Marsh Bedstraw	OBL																			
<i>Gentianopsis virgata</i>	Lesser Fringed-Gentian	OBL										X									
<i>Geum canadense</i>	White Avens	FAC		X		X										X				X	
<i>Geum laciniatum</i> var. <i>trichocarpum</i>	Rough Avens	FACW										X									
<i>Glechoma hederacea</i>	Groundivy	FACU		X			X										X				
<i>Gleditsia tricanthos</i>	Honey-Locust	FACU		X																	
<i>Glyceria canadensis</i>	Rattlesnake Manna Grass	OBL			X					X		X								X	
<i>Glyceria striata</i>	Fowl Manna Grass	OBL																		X	
<i>Hackelia virginiana</i>	Beggar's-Lice	FACU		X		X	X									X					
<i>Hamamelis virginiana</i>	American Witch-Hazel	FACU									X						X			X	
<i>Hedera helix</i>	English Ivy	UPL																			
<i>Helenium autumnale</i>	Fall Sneezeweed	FACW																		X	
<i>Helianthus divaricatus</i>	Woodland Sunflower	UPL								X											
<i>Helianthus giganteus</i>	Giant Sunflower	FACW									X	X			X				X		
<i>Helianthus grosseserratus</i>	Saw-Tooth Sunflower	FACW			X			X													
<i>Helianthus hirsutus</i>	Hispid Sunflower	UPL										X			X						

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H01 through H20 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H01	H02	H03	H04	H05	H06	H07	H08	H10	H12	H13	H14	H15	H16	H17	H18	H19	H20
				36.03 - 36.48 south	36.03 - 40.72 north	36.48 - 36.70 south	37.81 - 37.98 south	38.56 - 39.30 north	39.17 - 39.30 south	39.34 - 40.73 north	40.73 - 41.82 north	41.86 - 42.94 north	42.59 - 42.79 south	42.79 - 42.94 south	42.95 - 43.74 north	42.95 - 43.10 south	43.31 - 43.46 south	43.78 - 44.03 north	44.05 - 45.12 north	44.05 - 45.12 south	45.15 - 45.70 north
<i>Helianthus petiolaris</i>	Petioled Sunflower	UPL																X			
<i>Helianthus salicifolius</i>	Willow-Leaf Sunflower	UPL			X			X													
<i>Helianthus tuberosus</i>	Jerusalem-Artichoke	FACU													X						
<i>Helianthus X cinereus*</i>					X			X													
<i>Helianthus X laetiflorus*</i>																					
<i>Heterotheca subaxillaris</i> ⁴	Camphorweed	UPL																			
<i>Hordeum jubatum</i>	Fox-Tail Barley	FAC																			
<i>Hypericum canadense</i>	Lesser Canadian St. John's-Wort	FACW			X							X									
<i>Hypericum kalmianum</i> ⁵	Kalm’s St. John's-Wort	FACW		X ⁵	X ⁵																
<i>Hypericum perforatum</i>	Common St. John's-Wort	FACU			X						X										
<i>Hypericum punctatum</i>	Spotted St. John's-Wort	FAC			X					X		X									
<i>Hypericum sp.</i>																			X		
<i>Hypericum sphaerocarpum</i>	Round-Seed St. John's-Wort	FACU																	X		
<i>Ilex opaca*</i>									X												
<i>Ilex verticillata</i>	Common Winterberry	FACW																			X
<i>Impatiens capensis</i>	Spotted Touch-Me-Not	FACW			X		X	X		X	X	X							X	X	X
<i>Ipomoea lacunosa</i>	Whitestar	FACW																			
<i>Ipomoea pandurata</i>	Man-of-the-Earth	FACU			X																
<i>Ipomoea purpurea</i>	Common Morning-Glory	FACU																			
<i>Iris sp.</i>																					
<i>Iris virginica</i> var. <i>shrevei</i>	Virginia Blueflag	OBL			X															X	
<i>Juglans nigra</i>	Black Walnut	FACU				X								X		X					
<i>Juncus acuminatus</i>	Knotty-Leaf Rush	OBL						X		X		X			X			X			
<i>Juncus anthelatus</i>	Kentucky Rush	FACW			X							X									
<i>Juncus brachycarpus</i>	White-Root Rush	FACW			X																
<i>Juncus canadensis</i>	Canadian Rush	OBL										X			X			X			
<i>Juncus dudleyi</i>	Dudley's Rush	FACW								X		X							X		
<i>Juncus effusus</i> ssp. <i>solutus</i>	Lamp Rush	OBL			X			X		X	X	X			X			X		X	X
<i>Juncus interior</i>	Inland Rush	FAC								X		X						X	X		
<i>Juncus marginatus</i>	Bog Rush	FACW																			
<i>Juncus nodosus</i>	Knotted Rush	OBL								X											X
<i>Juncus scirpoiodes</i>	Needle-Pod Rush	FACW																			
<i>Juncus sp.</i>																					
<i>Juncus torreyi</i>	Torrey’s Rush	FACW																			X

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H01 through H20 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H01	H02	H03	H04	H05	H06	H07	H08	H10	H12	H13	H14	H15	H16	H17	H18	H19	H20
				36.03 - 36.48 south	36.03 - 40.72 north	36.48 - 36.70 south	37.81 - 37.98 south	38.56 - 39.30 north	39.17 - 39.30 south	39.34 - 40.73 north	40.73 - 41.82 north	41.86 - 42.94 north	42.59 - 42.79 south	42.79 - 42.94 south	42.95 - 43.74 north	42.95 - 43.10 south	43.31 - 43.46 south	43.78 - 44.03 north	44.05 - 45.12 north	44.05 - 45.12 south	45.15 - 45.70 north
<i>Juniperus virginiana</i>	Eastern Red-Cedar	FACU								X					X						
<i>Kochia scoparia</i>	Cypressbush	UPL																			
<i>Krigia virginica</i>	Virginia Dwarf-Dandelion	UPL																			
<i>Lactuca biennis</i>	Wild Blue Lettuce	FAC								X					X	X				X	
<i>Lactuca canadensis</i>	Canadian Blue Lettuce	FACU			X					X											
<i>Lactuca serriola</i>	Prickly Lettuce	FACU			X					X											
<i>Lamium purpureum</i>	Purple Dead Nettle	UPL																			
<i>Laportea canadensis</i>	Canadian Wood-Nettle	FACW																			
<i>Leersia oryzoides</i>	Rice Cut Grass	OBL			X															X	X
<i>Lemna minor</i>	Common Duckweed	OBL							X											X	
<i>Leonurus cardiaca</i>	Motherwort	UPL																			
<i>Lepidium campestre</i>	Field Pepperwort	UPL			X																
<i>Lepidium densiflorum</i>	Miner's Pepperwort	FAC																			
<i>Lepidium virginicum</i>	Poorman's-Pepperwort	FACU																			
<i>Leptochloa acuminata</i>	Salt Meadow Grass	UPL																		X	
<i>Lespedeza capitata</i>	Round-Head Bush-Clover	FACU								X											
<i>Lespedeza hirta</i>	Hairy Bush-Clover	UPL																			
<i>Leucanthemum vulgare</i>	Ox-Eye Daisy	UPL																			
<i>Liatris aspera</i>	Rough Gayfeather	UPL			X					X		X							X		
<i>Liatris cylindracea</i>	Cylindrical Gayfeather	UPL								X											
<i>Ligustrum obtusifolium</i>	Blunt-Leaf Privet	UPL														X					
<i>Ligustrum vulgare</i>	European Privet	FACU		X																	
<i>Lilium michiganense</i> ⁶	Michigan Lily	FACW			X ⁶			X ⁶		X ⁶		X ⁶									
<i>Linaria vulgaris</i> ⁷	Butter-and-Eggs	UPL			X					X											
<i>Lindera benzoin</i>	Northern Spicebush	FACW							X		X	X				X	X		X	X	X
<i>Liriodendron tulipifera</i>	Tuliptree	FACU					X			X	X	X				X			X	X	
<i>Lobelia cardinalis</i>	Cardinal-Flower	OBL								X	X									X	
<i>Lobelia siphilitica</i>	Great Blue Lobelia	OBL			X															X	
<i>Lolium perenne ssp. multiflorum</i>	Perennial Rye Grass	FACU					X														
<i>Lonicera japonica</i>	Japanese Honeysuckle	FACU					X														
<i>Lonicera maackii</i>	Amur Honeysuckle	UPL																			
<i>Lonicera morrowii</i>	Morrow's Honeysuckle	FACU																			
<i>Lonicera sp</i>				X	X			X	X			X	X	X			X				
<i>Lonicera sp./Ligustrum sp.</i> ⁸												X ⁸									

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H01 through H20 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H01	H02	H03	H04	H05	H06	H07	H08	H10	H12	H13	H14	H15	H16	H17	H18	H19	H20
				36.03 - 36.48 south	36.03 - 40.72 north	36.48 - 36.70 south	37.81 - 37.98 south	38.56 - 39.30 north	39.17 - 39.30 south	39.34 - 40.73 north	40.73 - 41.82 north	41.86 - 42.94 north	42.59 - 42.79 south	42.79 - 42.94 south	42.95 - 43.74 north	42.95 - 43.10 south	43.31 - 43.46 south	43.78 - 44.03 north	44.05 - 45.12 north	44.05 - 45.12 south	45.15 - 45.70 north
<i>Lonicera tatarica</i>	Twinsisters	FACU				X				X						X				X	
<i>Lonicera X notha*</i>		UPL													X						
<i>Lonicera X xylosteoides*</i>		UPL																			
<i>Lonicera xylosteum</i>	European Fly Honeysuckle	UPL														X				X	X
<i>Ludwigia alternifolia</i>	Seedbox	OBL			X					X		X							X		X
<i>Ludwigia palustris</i>	Globe-Fruit Primrose-Willow	OBL																		X	
<i>Lycopus americanus</i>	Cut-Leaf Water-Horehound	OBL		X	X			X		X	X	X							X	X	X
<i>Lysimachia lanceolata</i>	Lance-Leaf Yellow-Loosestrife	FAC										X									
<i>Lysimachia quadrifolia</i>	Whorled Yellow-Loosestrife	FACU																			X
<i>Lysimachia terrestris</i>	Swampcandles	OBL																			
<i>Lythrum salicaria</i> ⁹	Purple Loosestrife	OBL		X	X		X	X		X	X	X ⁹			X			X	X	X	
<i>Maianthemum canadense</i>	False Lily-of-the-Valley	FAC								X						X	X				
<i>Maianthemum racemosum</i>	Feathery False Solomon's-Seal	FACU																			
<i>Medicago lupulina</i>	Black Medick	FACU								X											
<i>Melilotus albus</i>	White Sweet-Clover	UPL		X	X					X		X									
<i>Melilotus officinalis</i>	Yellow Sweet-Clover	FACU																			
<i>Mentha spicata</i>	Spearmint	FACW																			
<i>Mimulus ringens</i>	Allegheny Monkey-Flower	OBL			X			X		X	X	X			X			X	X	X	
<i>Mirabilis nyctaginea</i>	Wild Four-O'clock	UPL																			
<i>Monarda fistulosa</i>	Oswego-Tea	FACU			X					X	X	X			X				X		X
<i>Monarda punctata</i>	Spotted Beebalm	UPL			X																
<i>Morus alba</i>	White Mulberry	FAC		X			X														
<i>Morus rubra</i>	Red Mulberry	FACU																			
<i>Muhlenbergia asperifolia</i>	Alkali Muhly	FACW																			
<i>Muhlenbergia racemosa</i>	Green Muhly	FACW																			
<i>Muhlenbergia sobolifera</i>	Rock Muhly	UPL			X																
<i>Muscari botryoides</i>	Grape Hyacinth	UPL															X				
<i>Myriophyllum exalbescens</i>	Tiny Mousetail	FACW			X																
<i>Nabalus albus</i>	White Rattlesnake-Root	FACU														X				X	
<i>Narcissus pseudo-narcissus</i>	Daffodil	UPL																			
<i>Narcissus X medioluteus*</i>		UPL																			
<i>Nepeta cataria</i>	Catnip	FACU																			
<i>Nymphaea odorata</i>	American White Water-Lily	OBL																			
<i>Nyssa sylvatica</i>	Black Tupelo	FAC				X														X	

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H01 through H20 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H01	H02	H03	H04	H05	H06	H07	H08	H10	H12	H13	H14	H15	H16	H17	H18	H19	H20
				36.03 - 36.48 south	36.03 - 40.72 north	36.48 - 36.70 south	37.81 - 37.98 south	38.56 - 39.30 north	39.17 - 39.30 south	39.34 - 40.73 north	40.73 - 41.82 north	41.86 - 42.94 north	42.59 - 42.79 south	42.79 - 42.94 south	42.95 - 43.74 north	42.95 - 43.10 south	43.31 - 43.46 south	43.78 - 44.03 north	44.05 - 45.12 north	44.05 - 45.12 south	45.15 - 45.70 north
<i>Oenothera biennis</i>	King's-Cureall	FACU		X	X		X					X	X		X						
<i>Onoclea sensibilis</i>	Sensitive Fern	FACW		X	X	X	X	X	X	X	X	X	X		X	X		X	X	X	X
<i>Opuntia humifusa</i>	Common Prickly-Pear	UPL																			
<i>Ornithogalum umbellatum</i>	Star-of-Bethlehem	UPL																			
<i>Osmorhiza longistylis</i>	Aniseroot	FACU														X	X				
<i>Osmunda cinnamomea</i>	Cinnamon Fern	FACW			X			X								X	X			X	
<i>Osmunda spectabilis</i>	Royal Fern	OBL		X	X	X	X	X		X	X	X			X		X		X	X	X
<i>Ostrya virginiana</i>	Eastern Hop-Hornbeam	FACU																			
<i>Oxalis stricta</i>	Upright Yellow Wood-Sorrel	FACU					X														
<i>Oxypolis rigidior</i>	Stiff Cowbane	OBL										X			X				X		
<i>Packera glabella</i>	Cress-Leaf Groundsel	FACW							X												
<i>Panax trifolius</i>	Dwarf Ginseng	UPL															X				
<i>Panicum capillare</i>	Common Panic Grass	FAC		X	X			X		X									X		X
<i>Panicum flexile</i>	Wiry Panic Grass	FACW																			
<i>Panicum philadelphicum</i>	Philadelphia Panic Grass	FACW								X											
<i>Panicum sp.</i>													X								
<i>Panicum virgatum</i>	Wand Panic Grass	FAC		X	X			X											X		
<i>Parthenocissus quinquefolia</i>	Virginia-Creeper	FACU			X	X		X		X		X			X	X				X	X
<i>Paspalum setaceum</i>	Slender Crown Grass	FACU																			
<i>Penthorum sedoides</i>	Ditch-Stonecrop	OBL									X									X	X
<i>Persicaria amphibia</i>	Water Smartweed	OBL			X																
<i>Persicaria hydropiperoides</i>	Swamp Smartweed	OBL																		X	
<i>Persicaria lapathifolia</i>	Dock-Leaf Smartweed	FACW		X																	
<i>Persicaria maculosa</i>	Lady's-Thumb	FACW																			
<i>Persicaria punctata</i>	Dotted Smartweed	OBL		X	X															X	X
<i>Persicaria satittata</i>	Arrow-Leaf Tearthumb	OBL			X			X		X	X	X			X			X	X	X	X
<i>Persicaria virginiana</i>	Jumpseed	FAC		X		X										X				X	
<i>Phalaris arundinacea</i>	Reed Canary Grass	FACW			X		X	X	X	X		X		X	X			X	X	X	X
<i>Phlox paniculata</i>	Fall Phlox	FACU																			
<i>Phragmites australis ssp. australis</i>	Common Reed	FACW		X	X			X			X	X	X		X			X	X	X	X
<i>Physalis heterophylla</i>	Clammy Ground-Cherry	UPL																			
<i>Physocarpus opulifolius</i>	Atlantic Ninebark	FACW																			
<i>Physostegia virginiana</i>	Obedient-Plant	FACW																			X
<i>Phytolacca americana</i>	American Pokeweed	FACU		X	X	X	X								X						

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H01 through H20 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H01	H02	H03	H04	H05	H06	H07	H08	H10	H12	H13	H14	H15	H16	H17	H18	H19	H20
				36.03 - 36.48 south	36.03 - 40.72 north	36.48 - 36.70 south	37.81 - 37.98 south	38.56 - 39.30 north	39.17 - 39.30 south	39.34 - 40.73 north	40.73 - 41.82 north	41.86 - 42.94 north	42.59 - 42.79 south	42.79 - 42.94 south	42.95 - 43.74 north	42.95 - 43.10 south	43.31 - 43.46 south	43.78 - 44.03 north	44.05 - 45.12 north	44.05 - 45.12 south	45.15 - 45.70 north
<i>Picea abies</i>	Norway Spruce	UPL												X		X	X				
<i>Pilea pumila</i>	Canadian Clearweed	FACW																		X	
<i>Pinus strobus</i>	Eastern White Pine	FACU												X							
<i>Plantago lanceolata</i>	English Plantain	FACU		X	X		X								X			X			
<i>Plantago rugelii</i>	Black-Seed Plantain	FAC																			
<i>Platanus occidentalis</i>	American Sycamore	FACW																			
<i>Podophyllum peltatum</i>	May-Apple	FACU							X				X				X			X	
<i>Poinsettia dentata</i>	Wild Poinsettia	UPL																			X
<i>Polanisia graveolens</i>	Clammyweed	UPL																			
<i>Polygonatum canaliculatum</i>	King Solomon's-Seal	FACU																			
<i>Populus deltoides</i>	Eastern Cottonwood	FAC		X	X					X				X	X	X	X			X	
<i>Populus tremuloides</i>	Quaking Aspen	FAC		X		X								X			X			X	
<i>Potentilla norvegica</i>	Norwegian Cinquefoil	FAC												X							
<i>Potentilla recta</i>	Sulfur Cinquefoil	UPL																			
<i>Prunella vulgaris ssp. lanceolata</i>	Common Selfheal	FAC													X						
<i>Prunus americana</i>	American Plum	UPL																			
<i>Prunus pensylvanica</i>	Fire Cherry	FACU																			
<i>Prunus serotina</i>	Black Cherry	FACU		X		X	X		X	X				X			X		X	X	
<i>Prunus sp.</i>																					
<i>Prunus virginiana</i>	Choke Cherry	FACU			X			X													
<i>Pseudognaphalium obtusifolium</i>	Sweet Everlasting	UPL			X																
<i>Ptelea trifoliata</i>	Common Hoptree	FACU																			
<i>Pteridium aquilinum var. latiusculum</i>	Northern Bracken Fern	FACU			X	X			X		X	X			X		X	X	X	X	
<i>Pycnanthemum tenuifolium</i>	Narrow-Leaf Mountain-Mint	FAC																			X
<i>Pycnanthemum virginianum</i>	Virginia Mountain-Mint	FACW			X					X					X						
<i>Pyrus calleryana</i>	Ornamental Pear	UPL																			
<i>Quercus alba</i>	Northern White Oak	FACU							X							X	X				
<i>Quercus bicolor</i>	Swamp White Oak	FACW																			
<i>Quercus palustris</i>	Pin Oak	FACW				X	X					X	X		X	X	X		X	X	
<i>Quercus rubra</i>	Northern Red Oak	FACU			X	X	X									X	X				
<i>Quercus velutina</i>	Black Oak	UPL																			
<i>Quercus X buschii*</i>																X					
<i>Quercus X hawkinsiae*</i>		UPL																			
<i>Ranunculus arbortivus</i>	Tall Buttercup	FAC																			

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H01 through H20 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H01	H02	H03	H04	H05	H06	H07	H08	H10	H12	H13	H14	H15	H16	H17	H18	H19	H20
				36.03 - 36.48 south	36.03 - 40.72 north	36.48 - 36.70 south	37.81 - 37.98 south	38.56 - 39.30 north	39.17 - 39.30 south	39.34 - 40.73 north	40.73 - 41.82 north	41.86 - 42.94 north	42.59 - 42.79 south	42.79 - 42.94 south	42.95 - 43.74 north	42.95 - 43.10 south	43.31 - 43.46 south	43.78 - 44.03 north	44.05 - 45.12 north	44.05 - 45.12 south	45.15 - 45.70 north
<i>Ranunculus recurvatus</i>	Blisterwort	FACW																			
<i>Ratibida pinnata</i>	Yellow Coneflower	UPL																			
<i>Reynoutria japonica</i>	Japanese-Knotweed	FACU																			
<i>Reynoutria japonica</i>	Japanese-Knotweed	FACU																			
<i>Rhamnus cathartica</i>	European Buckthorn	FAC																			
<i>Rhamnus davurica</i>	Dahurian Buckthorn	UPL			X																
<i>Rhamnus lanceolata</i>	Lance-Leaf Buckthorn	FACW			X			X													
<i>Rhus aromatica</i>	Fragrant Sumac	UPL																			
<i>Rhus copallinum</i>	Winged Sumac	UPL		X	X					X		X			X					X	X
<i>Rhus glabra</i>	Smooth Sumac	UPL			X																
<i>Rhus typhina</i>	Staghorn Sumac	UPL		X	X		X	X					X								
<i>Ribes americanum</i>	Wild Black Currant	FACW																			
<i>Ribes cynosbati</i>	Eastern Prickly Gooseberry	FAC																			
<i>Ribes lacustre</i>	Hairy-Stem Gooseberry	FACW																		X	
<i>Ribes rubrum</i> ¹⁰	Red Currant	UPL																			
<i>Ribes sp.</i>																					
<i>Robinia pseudoaccacia</i>	Black Locust	FACU			X					X				X	X	X	X				
<i>Rosa carolina</i>	Carolina Rose	FACU																			
<i>Rosa gallica</i>	French Rose	UPL										X									
<i>Rosa multiflora</i>	Rambler Rose	FACU		X	X			X	X		X			X		X	X			X	X
<i>Rosa palustris</i>	Swamp Rose	OBL			X			X				X							X	X	
<i>Rubus alleghiensis</i>	Allegheny Blackberry	FACU			X			X	X	X		X					X	X	X		
<i>Rubus frondosus</i>	Blackberry	UPL			X																
<i>Rubus hispidus</i>	Bristly Dewberry	FACW			X	X						X							X		
<i>Rubus idaeus ssp. strigosus</i>	Common Red Raspberry	FACU			X		X	X				X									
<i>Rubus occidentalis</i>	Black Raspberry	UPL		X	X		X	X								X				X	X
<i>Rubus pubescens</i>	Dwarf Red Raspberry	FACW																		X	
<i>Rubus sp.</i>					X						X	X			X		X				X
<i>Rubus wheeleri</i>	Wheeler's Blackberry	FAC																			
<i>Rubus X neglectus*</i>												X									
<i>Rudbeckia hirta</i>	Black-Eyed-Susan	FACU		X	X					X		X			X			X			X
<i>Rudbeckia laciniata</i>	Green-Head Coneflower	FACW										X			X				X		
<i>Rumex crispus</i>	Curly Dock	FAC					X					X							X		
<i>Rumex obtusifolius</i>	Bitter Dock	FACW																			

*Indicates species, varieties or hybrids not included in the Chicago Region Floristic Quality Assessment Calculator database (Herman et al 2013).

Appendix D Floristic Quality Assessment Inventory for Habitat Units H01 through H20 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H01	H02	H03	H04	H05	H06	H07	H08	H10	H12	H13	H14	H15	H16	H17	H18	H19	H20
				36.03 - 36.48 south	36.03 - 40.72 north	36.48 - 36.70 south	37.81 - 37.98 south	38.56 - 39.30 north	39.17 - 39.30 south	39.34 - 40.73 north	40.73 - 41.82 north	41.86 - 42.94 north	42.59 - 42.79 south	42.79 - 42.94 south	42.95 - 43.74 north	42.95 - 43.10 south	43.31 - 43.46 south	43.78 - 44.03 north	44.05 - 45.12 north	44.05 - 45.12 south	45.15 - 45.70 north
<i>Salix discolor</i>	Pussy Willow	FACW					X													X	
<i>Salix interior</i>	Sandbar Willow	FACW										X								X	
<i>Salix myricoides</i>	Bayberry Willow	FACW		X	X							X								X	
<i>Salix nigra</i>	Black Willow	OBL		X																X	
<i>Salix pedicellaris</i>	Bog Willow	OBL																			
<i>Salix petiolaris</i>	Meadow Willow	OBL			X					X											
<i>Salix X pendulina*</i>		FACW			X			X													
<i>Salix X sepulcralis*</i>		FACW																			
<i>Sambucus nigra ssp. canadensis</i>	Black Elder	FACW		X	X		X	X	X		X		X	X						X	
<i>Sanicula odorata</i>	Clustered Black-Snakeroot	FAC																			
<i>Saponaria officinalis</i>	Bouncing-Bett	FACU			X					X		X			X			X			
<i>Sassafras albidum</i>	Sassafras	FACU			X	X	X	X	X	X		X		X	X	X	X	X		X	X
<i>Schedonorus pratensis</i>	Meadow Fescue	FACU					X						X		X						
<i>Schizachyrium scoparium</i>	Little False Bluestem	FACU		X	X					X		X			X			X			
<i>Schoenoplectus pungens</i>	Three-Square	OBL																			
<i>Scirpus atrovirens</i>	Dark-Green Bulrush	OBL			X			X		X	X	X			X				X		X
<i>Scirpus cyperinus</i>	Cottongrass Bulrush	OBL		X	X	X		X		X	X	X			X				X	X	X
<i>Scutellaria latifolia</i>	Mad Dog Skullcap	OBL																		X	
<i>Securigera varia</i>	Crown Vetch	UPL		X											X			X	X		
<i>Senecio hieraciifolius</i>	American Burnweed	FAC		X	X			X		X	X	X			X			X	X		X
<i>Setaria faberi</i>	Japanese Bristle Grass	FACU			X										X						
<i>Setaria pumila</i>	Yellow Bristle Grass	FAC			X																
<i>Sicyos angulatus</i>	One-Seed Burr-Cucumber	FACW					X														
<i>Sium suave</i>	Hemlock Water-Parsnip	OBL																		X	
<i>Smilax hispida</i>	Chinaroot	FAC			X																
<i>Smilax lasioneura</i>	Illinois Carrion Flower	UPL																			
<i>Smilax rotundifolia</i>	Horsebrier	FAC			X			X		X	X	X				X	X		X	X	
<i>Smilax sp.</i>																					
<i>Solanum carolinense</i>	Carolina Horse-Nettle	FACU			X														X		
<i>Solanum dulcamara</i>	Climbing Nightshade	FAC			X		X				X	X								X	
<i>Solidago altissima</i>	Tall Goldenrod	FACU		X	X			X		X	X	X			X		X	X	X		X
<i>Solidago canadensis</i>	Canadian Goldenrod	FACU														X					
<i>Solidago gigantea</i>	Late Goldenrod	FACW		X	X		X													X	
<i>Solidago glaberrima</i>	Eastern Missouri Goldenrod	UPL			X																

*Indicates species, varieties or hybrids not included in the Chicago Region Floristic Quality Assessment Calculator database (Herman et al 2013).

Appendix D Floristic Quality Assessment Inventory for Habitat Units H01 through H20 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H01	H02	H03	H04	H05	H06	H07	H08	H10	H12	H13	H14	H15	H16	H17	H18	H19	H20
				36.03 - 36.48 south	36.03 - 40.72 north	36.48 - 36.70 south	37.81 - 37.98 south	38.56 - 39.30 north	39.17 - 39.30 south	39.34 - 40.73 north	40.73 - 41.82 north	41.86 - 42.94 north	42.59 - 42.79 south	42.79 - 42.94 south	42.95 - 43.74 north	42.95 - 43.10 south	43.31 - 43.46 south	43.78 - 44.03 north	44.05 - 45.12 north	44.05 - 45.12 south	45.15 - 45.70 north
<i>Solidago juncea</i>	Early Goldenrod	UPL			X					X											
<i>Solidago patula</i>	Round-Leaf Goldenrod	OBL																			X
<i>Solidago rigida</i>	Hard-Leaf Flat-Top-Goldenrod	FACU			X																
<i>Solidago rigidiuscula</i>	Prairie Goldenrod	UPL				X															
<i>Solidago rugosa</i>	Wrinkle-Leaf Goldenrod	FAC		X	X	X		X		X		X			X			X	X	X	X
<i>Solidago sp.</i>													X								
<i>Solidago speciosa</i>	Showy Goldenrod	UPL								X											
<i>Solidago uliginosa</i>	Bog Goldenrod	OBL								X											
<i>Sonchus arvensis ssp. uliginosus</i>	Field Sow-Thistle	FACU																			
<i>Sonchus asper</i>	Spiny-Leaf Sow-Thistle	FACU																			
<i>Sonchus oleraceus</i>	Common Sow-Thistle	FACU								X											
<i>Sorghastrum nutans</i>	Yellow Indian Grass	FACU			X			X													
<i>Sorghum halpense</i>	Johnson Grass	FACU										X							X		
<i>Sparganium sp.</i>																				X	
<i>Spartina pectinata</i>	Freshwater Cord Grass	FACW																			
<i>Spiraea alba</i>	White Meadowsweet	FACW			X	X															
<i>Spiraea tomentosa</i>	Steeplebush	FACW			X	X		X		X		X			X			X		X	
<i>Stachys hispida</i>	Lamb's-Ears	UPL																	X		
<i>Stachys pilosa</i>	Hairy Hedge-Nettle	FACW			X						X	X			X			X	X		
<i>Stellaria media</i>	Common Chickweed	FACU																			
<i>Symphoricarpos albus var. laevigatus</i>	Common Snowberry	FACU																			
<i>Symphoricarpos occidentalis</i>	Western Snowberry	UPL																			
<i>Symphyotrichum laeve</i>	Smooth Blue American-Aster	FACU			X			X													
<i>Symphyotrichum lanceolatum</i>	White Panicked American-Aster	FAC			X			X											X	X	
<i>Symphyotrichum lateriflorum</i>	Farewell-Summer	FACW				X															
<i>Symphyotrichum ontarionis</i>	Ontario American-Aster	FAC																			
<i>Symphyotrichum parviceps</i>	Small White Aster	UPL																			
<i>Symphyotrichum pilosum</i>	White Oldfield American-Aster	FACU																			
<i>Symphyotrichum racemosum</i>	Fragile-Stem American-Aste	FACW			X			X													
<i>Symphyotrichum sp.</i>									X					X							
<i>Symplocarpus foetidus</i>	Skunk-Cabbage	OBL							X											X	
<i>Taraxacum officinale</i>	Common Dandelion	FACU							X				X	X	X						
<i>Teucrium canadense</i>	American Germander	FACW										X							X	X	X
<i>Thalictrum dasycarpum</i>	Purple Meadow-Rue	FACW										X						X			

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H01 through H20 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H01	H02	H03	H04	H05	H06	H07	H08	H10	H12	H13	H14	H15	H16	H17	H18	H19	H20
				36.03 - 36.48 south	36.03 - 40.72 north	36.48 - 36.70 south	37.81 - 37.98 south	38.56 - 39.30 north	39.17 - 39.30 south	39.34 - 40.73 north	40.73 - 41.82 north	41.86 - 42.94 north	42.59 - 42.79 south	42.79 - 42.94 south	42.95 - 43.74 north	42.95 - 43.10 south	43.31 - 43.46 south	43.78 - 44.03 north	44.05 - 45.12 north	44.05 - 45.12 south	45.15 - 45.70 north
<i>Thelypteris palustris</i> var. <i>pubescens</i>	Eastern Marsh Fern	OBL		X	X			X		X		X			X			X	X		X
<i>Tilia americana</i>	American Basswood	FACU														X					
<i>Toxicodendron radicans</i>	Eastern Poison-Ivy	FAC		X	X											X	X				
<i>Tradescantia ohiensis</i>	Bluejacket	FACU			X		X	X			X	X			X			X	X	X	X
<i>Tragopogon dubius</i>	Sand Goat's-Beard	UPL																			
<i>Tridens flavus</i>	Purple-Top	UPL		X								X			X				X		
<i>Trifolium hybridum</i>	Alsike Clover	FACU											X								
<i>Trifolium pratense</i>	Red Clover	FACU													X						
<i>Trillium grandifolium</i>	Large White Trillium	UPL																		X	
<i>Trillium recurvatum</i> ¹¹	Bloody-butcher	FACU															X ¹¹			X ¹¹	
<i>Typha angustifolia</i> ¹²	Narrow-Leaf Cat-Tail	OBL		X ¹²	X ¹²		X ¹²	X ¹²		X ¹²	X ¹²	X ¹²						X ¹²		X ¹²	
<i>Typha latifolia</i> ¹²	Broad-Leaf Cat-Tail	OBL			X ¹²			X ¹²	X ¹²	X ¹²	X ¹²	X ¹²			X ¹²				X ¹²	X ¹²	X ¹²
<i>Typha x glauca</i> ¹²	Hybrid Cat-Tail	OBL																			
<i>Ulmus americana</i>	American Elm	FACW					X					X					X		X	X	
<i>Ulmus pumila</i>	Siberian Elm	UPL					X														
<i>Ulmus rubra</i>	Slippery Elm	FAC								X		X									
<i>Urtica dioica</i> ssp. <i>gracilis</i>	Tall Nettle	FACW			X		X														
<i>Vaccinium angustifolium</i>	Late Lowbush Blueberry	FACU																			
<i>Verbascum thapsus</i>	Woolly Mullein	UPL		X	X			X	X	X		X	X		X			X			X
<i>Verbena hastata</i>	Simpler's-Joy	FACW		X	X			X		X	X	X			X						
<i>Verbena stricta</i>	Hoary Vervain	UPL		X																X	
<i>Verbena urticifolia</i>	White Vervain	FAC			X							X								X	
<i>Verbesina alternifolia</i>	Wingstem	FACW																		X	
<i>Vernonia fasciculata</i>	Prairie Ironweed	FACW								X											
<i>Vernonia gigantea</i>	Smooth Tall Ironweed	FAC						X		X					X			X	X		X
<i>Veronicastrum virginicum</i>	Culver's-Root	FAC														X					
<i>Viburnum acerifolium</i>	Maple-Leaf Arrow-Wood	UPL																			
<i>Viburnum lentago</i>	Nanny-Berry	FAC																			
<i>Viburnum opulus</i> var. <i>opulus</i>	Highbush-Cranberry	FAC			X			X													
<i>Viburnum prunifolium</i>	Smooth Blackhaw	FACU																	X		
<i>Viburnum recognitum</i> ¹³	Smooth Arrow-Wood	FAC			X	X	X	X				X ¹³									
<i>Viburnum</i> sp.									X					X							
<i>Vicia tetrasperma</i>	Four-Seed Vetch	UPL																			X
<i>Vinca minor</i>	Common Periwinkle	UPL							X												

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H01 through H20 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H01	H02	H03	H04	H05	H06	H07	H08	H10	H12	H13	H14	H15	H16	H17	H18	H19	H20
				36.03 - 36.48 south	36.03 - 40.72 north	36.48 - 36.70 south	37.81 - 37.98 south	38.56 - 39.30 north	39.17 - 39.30 south	39.34 - 40.73 north	40.73 - 41.82 north	41.86 - 42.94 north	42.59 - 42.79 south	42.79 - 42.94 south	42.95 - 43.74 north	42.95 - 43.10 south	43.31 - 43.46 south	43.78 - 44.03 north	44.05 - 45.12 north	44.05 - 45.12 south	45.15 - 45.70 north
<i>Viola sororia</i>	Hooded Blue Violet	FAC							X								X				
<i>Vitis aestivalis</i>	Summer Grape	FACU			X		X	X		X	X	X			X				X		X
<i>Vitis labrusca</i>	Fox Grape	FACU		X	X			X		X	X	X						X	X	X	X
<i>Vitis riparia</i>	River-Bank Grape	FACW		X	X		X	X		X					X	X		X			
<i>Vitis sp.</i>																					
<i>Vitis vulpina</i>	Frost Grape	FAC			X																
<i>Xanthium strumarium</i>	Rough Cocklebur	FAC																			
<i>Yucca smalliana</i>	Yucca	UPL														X					
<i>Zanthoxylum americanum</i>	Toothachetree	FACU														X					

1 *Ampelopsis brevipedunculata* has not previously been documented for Indiana; although there are scattered known occurrences from all bordering states. This species was field identified, so there are no voucher specimens against which to confirm the identification. Since there are no other vines with a similar leaf pattern, the account will be retained on the list as a questionable occurrence.

2 Changed *Asclepias lanuginosa* in the original report to *Asclepias longifolia* (=A. *hirtella*).

3 Although most of these sedges were identified as *Carex grayii*, the potential exists that some may have been the similar *Carex intumescens*. Because it is not possible at this time to determine which habitat units the correction should be made, the individual habitat occurrences have not been revised with the understanding that some of these could potentially be *Carex intumescens*.

4 Changed *Chrysopsis villosa* for habitat units H24 and H33 in the original report to *Heterotheca subaxillaris*.

5 Changed *Hypericum prolificum* in the original report to *Hypericum kalmianum*.

6 Changed *Lilium philadelphicum* var. *andinum* in the original report to *Lilium michiganense*.

7 Changed *Agalinis aspera* for habitat unit H34 in the original report to *Linaria vulgaris*.

8 Changed *Shepherdia canadensis* for habitat unit H10 in the original report to *Lonicera sp./Ligustrum sp.*

9 Changed *Trichostema dichotomum* in the original report to *Lythrum salicaria*.

10 Changed *Ribes triste* for habitat unit H25 in the original report to *Ribes rubrum*.

11 Changed *Trillium sessile* in the original report to *Trillium recurvatum*.

12 Although all of the cattails encountered within the project area were identified as either *Typha angustifolia* or *Typha latifolia*, several of these occurrences might have been the hydrid *Typha x glauca*. Because it is not possible at this time to determine which habitat units the correction should be made, the individual habitat occurrences have not been revised with the understanding that some of these could potentially be *Typha x glauca*.

13 Changed *Viburnum dentatum* in the original report to *Viburnum recognitum* for habitat units H10 and H44.

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H22 through H40 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H22	H23	H24	H25	H28	H29	H30	H31	H32	H33	H34	H35	H36	H37	H38	H39	H40
				45.90 - 46.04 south	46.10 - 46.50 south	46.50 - 47.30 south	46.50 - 47.05 north	47.42 - 47.50 south	47.43 - 48.01 south	48.38 - 48.90 north	48.38 - 49.01 south	49.03 - 49.22 south	50.15 - 50.50 north	50.15 - 50.50 south	50.70 - 50.75 south	50.82 - 51.00 north and south	53.91 - 54.71 south	54.75 - 55.00 north and south	54.85 - 55.0 south of US12	55.05 - 55.69 north and south
<i>Acalypha rhomboidea</i>	Common Three-Seed-Mercury	FACU																		X
<i>Acer ginnala</i>	Amur Maple	UPL																		
<i>Acer negundo</i>	Ash-Leaf Maple	FAC		X		X			X	X	X				X	X	X	X	X	X
<i>Acer rubrum</i>	Red Maple	FAC																		
<i>Acer saccharinum</i>	Silver Maple	FACW		X	X											X	X	X		X
<i>Acer saccharum</i>	Sugar Maple	FACU													X			X		
<i>Achillea millefolium</i>	Common Yarrow	FACU			X	X	X		X		X					X				
<i>Agalinis skinneriana</i>	Skinner's False Foxglove	UPL	ST																	
<i>Agalinis tenuifolia</i>	Slender-Leaf False Foxglove	FACW																		
<i>Ageratina altissima</i>	White Snakeroot	FACU			X				X									X		X
<i>Agrimonia gryposepala</i>	Tall Hairy Grooveburr	FACU																		
<i>Agrimonia parviflora</i>	Harvestlice	FACW																		
<i>Agrostis gigantea</i>	Black Bent	FACW					X										X			
<i>Agrostis scabra</i>	Rough Bent	FAC									X		X							X
<i>Agrostis stolonifera</i>	Spreading Bent	FACW				X					X									
<i>Ailanthus altissima</i>	Tree-of-Heaven	FACU		X	X	X							X	X	X	X	X	X	X	X
<i>Alisma subcordatum</i>	American Water-Plantain	OBL																		
<i>Alliaria petiolata</i>	Garlic-Mustard	FAC				X									X				X	
<i>Allium sp.</i>																				
<i>Allium tricoccum</i>	Ramp	FACU																		X
<i>Allium vineale</i>	Crow Garlic	FACU				X														
<i>Alnus incana</i>	Speckled Alder	FACW	WL																	
<i>Alnus sp.</i>																				
<i>Alopecurus carolinianus</i>	Tufted Meadow-Foxtail	FACW																		
<i>Ambrosia artemisiifolia</i>	Annual Ragweed	FACU		X	X	X		X	X		X		X	X		X	X	X		X
<i>Ambrosia trifida</i>	Great Ragweed	FAC			X	X			X								X	X	X	
<i>Amelanchier interior</i>	Inland Service-Berry	UPL							X											
<i>Amelanchier laevis</i>	Allegheny Service-Berry	UPL													X					
<i>Amelanchier sp.</i>																				
<i>Ampelopsis brevipedunculata</i> ¹	Turquoise-Berry	UPL				X ¹	X ¹													
<i>Amphicarpaea bracteata</i>	American Hog-Peanut	FAC																		
<i>Andropogon gerardii</i>	Big Bluestem	FAC			X	X	X		X	X	X		X							X

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H22 through H40 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H22	H23	H24	H25	H28	H29	H30	H31	H32	H33	H34	H35	H36	H37	H38	H39	H40
				45.90 - 46.04 south	46.10 - 46.50 south	46.50 - 47.30 south	46.50 - 47.05 north	47.42 - 47.50 south	47.43 - 48.01 south	48.38 - 48.90 north	48.38 - 49.01 south	49.03 - 49.22 south	50.15 - 50.50 north	50.15 - 50.50 south	50.70 - 50.75 south	50.82 - 51.00 north and south	53.91 - 54.71 south	54.75 - 55.00 north and south	54.85 - 55.0 south of US12	55.05 - 55.69 north and south
<i>Andropogon virginicus</i>	Broom-Sedge	FACU									X									
<i>Anemone quinquefolia</i>	Nightcaps	FAC																		
<i>Anemone virginiana</i>	Tall Thimbleweed	FACU																		
<i>Apios americana</i>	Groundnut	FACW			X				X											X
<i>Apocynum cannabinum</i>	Indian-Hemp	FAC							X	X										X
<i>Arabis lyrata</i>	Mouse-Ear Cress	UPL													X					
<i>Arctium lappa</i>	Great Burdock	UPL			X					X	X									
<i>Aronia prunifolia</i>	Purple Chokeberry	FACW																		
<i>Artemisia abrotanum</i>	Southern Wormwood	UPL																		
<i>Artemisia absinthium</i>	Common Wormwood	UPL		X	X	X		X	X		X			X			X			X
<i>Artemisia dracunculus</i>	False Tarragon	UPL																		
<i>Artemisia serrata</i>	Serrate-Leaf Sage	UPL																		
<i>Artemisia vulgaris</i>	Common Mugwort	UPL								X										
<i>Asclepias incarnata</i>	Swamp Milkweed	OBL							X											
<i>Asclepias longifolia</i> ²	Woolly Milkweed	UPL																		
<i>Asclepias purpurascens</i>	Purple Milkweed	FACU																		
<i>Asclepias syriaca</i>	Common Milkweed	FACU			X	X	X		X	X	X		X	X		X	X	X	X	X
<i>Asclepias tuberosa ssp. interior</i>	Butterfly-Weed	UPL																		
<i>Asclepias verticillata</i>	Whorled Milkweed	FACU							X											
<i>Asclepias viridiflora</i>	Green Milkweed	UPL																		
<i>Asimina triloba</i>	Common Pawpaw	FAC																		
<i>Asparagus officinalis</i>	Asparagus	FACU				X	X													
<i>Athyrium filix-femina ssp. angustum</i>	Subarctic Lady Fern	FAC																		
<i>Berberis thunbergii</i>	Japanese Barberry	FACU		X	X															
<i>Berteroa incana</i>	Hoary Alyssum	UPL																		
<i>Betula nigra</i>	River Birch	FACW																		
<i>Bidens bipinnata</i>	Spanish-Needles	FAC																X		
<i>Bidens frondosa</i>	Devil's-Pitchfork	FACW																		
<i>Bidens sp.</i>																				
<i>Boehmeria cylindrica</i>	Small-Spike False Nettle	OBL																		
<i>Bothriochloa laguroides</i>	Silver Beardgrass	UPL											X							
<i>Bromus secalinus</i>	Smooth Chess	UPL		X		X							X	X						

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H22 through H40 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H22	H23	H24	H25	H28	H29	H30	H31	H32	H33	H34	H35	H36	H37	H38	H39	H40
				45.90 - 46.04 south	46.10 - 46.50 south	46.50 - 47.30 south	46.50 - 47.05 north	47.42 - 47.50 south	47.43 - 48.01 south	48.38 - 48.90 north	48.38 - 49.01 south	49.03 - 49.22 south	50.15 - 50.50 north	50.15 - 50.50 south	50.70 - 50.75 south	50.82 - 51.00 north and south	53.91 - 54.71 south	54.75 - 55.00 north and south	54.85 - 55.0 south of US12	55.05 - 55.69 north and south
<i>Calamagrostis canadensis</i>	Bluejoint	OBL																		
<i>Calamagrostis stricta</i>	Slim-Stem Reed Grass	FACW																		
<i>Calystegia sepium</i>	Hedge False Bindweed	FAC				X					X		X				X			X
<i>Campsis radicans</i>	Trumpet-Creeper	FACU																X		
<i>Cannabis sativa</i>	Hemp	FACU																		
<i>Cardamine parviflora</i> var. <i>arenicola</i>	Small-Flowered Bitter Cress	FAC				X														
<i>Carex bebbii</i>	Bebb's Sedge	OBL	ST						X											X
<i>Carex brevior</i>	Short-Beak Sedge	FAC																		
<i>Carex crinita</i>	Fringed Sedge	OBL																		
<i>Carex folliculata</i>	Northern Long Sedge	OBL	SR																	
<i>Carex grayii</i> ³	Gray's Sedge	FACW			X ³															
<i>Carex intumescens</i> ³	Greater Bladder Sedge	FACW																		
<i>Carex lacustris</i>	Lakebank Sedge	OBL									X	X								
<i>Carex lurida</i>	Sallow Sedge	OBL																		
<i>Carex</i> sp.																				
<i>Carex straminea</i>	Eastern Straw Sedge	OBL																		X
<i>Carex suberecta</i>	Prairie Straw Sedge	OBL																		
<i>Carex tribuloides</i>	Blunt Broom Sedge	OBL																		
<i>Carex vulpinoidea</i>	Common Fox Sedge	FACW				X		X	X											X
<i>Carya cordiformis</i>	Bitter-Nut Hickory	FACU			X															
<i>Carya ovata</i>	Shag-Bark Hickory	FACU						X												
<i>Carya</i> sp.																			X	
<i>Catalpa speciosa</i>	Northern Catalpa	FACU															X	X	X	
<i>Celastrus orbiculatus</i>	Asian Bittersweet	UPL		X	X	X		X	X		X				X			X	X	
<i>Celastrus scandens</i>	American Bittersweet	FACU				X	X			X						X				X
<i>Celtis occidentalis</i>	Common Hackberry	FAC			X										X					
<i>Cenchrus longispinus</i>	Sand Bur	UPL												X			X			X
<i>Centaurea stoebe</i> ssp. <i>micranthos</i>	Spotted Knapweed	UPL			X		X		X	X	X		X	X		X	X	X	X	X
<i>Cephalanthus occidentalis</i>	Common Buttonbush	OBL			X												X	X		X
<i>Cercis canadensis</i>	Redbud	FACU																X		
<i>Chamaesyce humistrata</i>	Spreading Sandmat	FACW																X		
<i>Chamaesyce maculata</i>	Spotted Sandmat	FACU											X							

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H22 through H40 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H22	H23	H24	H25	H28	H29	H30	H31	H32	H33	H34	H35	H36	H37	H38	H39	H40
				45.90 - 46.04 south	46.10 - 46.50 south	46.50 - 47.30 south	46.50 - 47.05 north	47.42 - 47.50 south	47.43 - 48.01 south	48.38 - 48.90 north	48.38 - 49.01 south	49.03 - 49.22 south	50.15 - 50.50 north	50.15 - 50.50 south	50.70 - 50.75 south	50.82 - 51.00 north and south	53.91 - 54.71 south	54.75 - 55.00 north and south	54.85 - 55.0 south of US12	55.05 - 55.69 north and south
<i>Chamaesyce nutans</i>	Eyebane	FACU											X							X
<i>Chelidonium majus</i>	Celandine	UPL		X																
<i>Chelone glabra</i>	White Turtlehead	OBL																		
<i>Chenopodium album</i>	Lamb's-Quarters	FACU								X			X			X	X	X	X	X
<i>Chenopodium leptophyllum</i>	Narrow-Leaf Goosefoot	FACU																		
<i>Chenopodium pratericola</i>	Nettle-Leaf Goosefoot	FACU																		
<i>Chondrilla juncea</i>	Rush Skeletonweed	UPL												X						
<i>Cichorium intybus</i>	Chicory	FACU			X	X				X	X			X			X			
<i>Cicuta maculata</i>	Spotted Water-Hemlock	OBL																		
<i>Cinna arundinacea</i>	Sweet Wood-Reed	FACW																		
<i>Cirsium arvense</i>	Canadian Thistle	FACU		X		X			X	X	X							X		X
<i>Cirsium discolor</i>	Field Thistle	FACU					X		X		X		X	X			X			
<i>Cirsium muticum</i>	Swamp Thistle	OBL																		
<i>Cirsium vulgare</i>	Bull Thistle	FACU		X			X			X	X					X				
<i>Claytonia virginica</i>	Virginia Springbeauty	FACU													X					
<i>Clematis virginiana</i>	Devil's-Darning-Needles	FAC																		
<i>Coleataenia anceps</i>	Beaked Cut-Throat Grass	FACW																		
<i>Coleataenia longifolia</i>	Red-Top Cut-Throat Grass	FACW																		
<i>Coleataenia rigidula</i>	Red-Top Cut-Throat Grass	FACW						X												
<i>Commelina communis</i>	Asiatic Dayflower	FACU																X	X	
<i>Convallaria majalis</i>	Lily-of-the-Valley	UPL																		
<i>Coreopsis lanceolata</i>	Lance-Leaf Tickseed	FACU																		
<i>Coreopsis tripteris</i>	Tall Tickseed	FAC				X														
<i>Cornus alba</i>	Red Osier	FACW			X		X	X		X	X	X								
<i>Cornus florida</i>	Flowering Dogwood	FACU																		
<i>Cornus obliqua</i>	Pale Dogwood	FACW		X																
<i>Cornus racemosa</i>	Gray Dogwood	FAC			X	X		X	X	X										
<i>Corylus americana</i>	American Hazelnut	FACU																		
<i>Crataegus macrosperma*</i>																				
<i>Crataegus phaenopyrum</i>	Washington Hawthorn	FAC																		
<i>Crataegus pruinosa</i>	Frosted Hawthorn	UPL					X		X											
<i>Crataegus sp.</i>						X														

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H22 through H40 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H22	H23	H24	H25	H28	H29	H30	H31	H32	H33	H34	H35	H36	H37	H38	H39	H40
				45.90 - 46.04 south	46.10 - 46.50 south	46.50 - 47.30 south	46.50 - 47.05 north	47.42 - 47.50 south	47.43 - 48.01 south	48.38 - 48.90 north	48.38 - 49.01 south	49.03 - 49.22 south	50.15 - 50.50 north	50.15 - 50.50 south	50.70 - 50.75 south	50.82 - 51.00 north and south	53.91 - 54.71 south	54.75 - 55.00 north and south	54.85 - 55.0 south of US12	55.05 - 55.69 north and south
<i>Croton glandulosus</i> var. <i>septrionalis</i>	Sand Croton	UPL																		
<i>Cuscuta gonovii</i>	Rope Dodder	UPL																		
<i>Cyperus bipartitus</i>	Shining Flat Sedge	OBL																		X
<i>Cyperus esculentus</i>	Chufa	FACW																		
<i>Cyperus filiculmis</i>	Chufa	FACW												X						
<i>Cyperus lupulinus</i>	Great Plains Flat Sedge	FACU																		
<i>Cyperus schweinitzii</i>	Sand Flat Sedge	FACU			X															
<i>Cyperus strigosus</i>	Straw-Color Flat Sedge	FACW																		
<i>Dactylis glomerata</i>	Orchard Grass	FACU		X	X	X														
<i>Daucus carota</i>	Queen Anne’s Lace	UPL		X	X	X	X		X	X	X		X	X		X	X	X	X	X
<i>Desmodium paniculatum</i>	Panicled-Leaf Tick-Trefoil	FACU																		
<i>Desmodium sessilifolium</i>	Sessile-Leaf Tick-Trefoil	UPL																		
<i>Dichanthelium clandestinum</i>	Deer-Tongue Rosette Grass	FACW					X													X
<i>Digitaria sanguinalis</i>	Hairy Crab Grass	FACU											X					X		X
<i>Dioscorea villosa</i>	Wild Yam	FAC																		
<i>Dipsacus fullonum</i>	Fuller's Teasel	FACU				X		X	X											
<i>Doellingeria umbellata</i>	Parasol White-Top	FACW																		
<i>Draba verna</i>	Vernal Whitlow-Grass	UPL									X									
<i>Dryopteris cristata</i>	Crested Wood Fern	OBL																		
<i>Dryopteris intermedia</i>	Evergreen Wood Fern	FAC																		
<i>Echinacea purpurea</i>	Purple Coneflower	UPL							X											
<i>Echinochloa muricata</i>	Large Barnyard Grass	FACW		X															X	
<i>Elaeagnus angustifolia</i>	Russian-Olive	FACU						X												
<i>Elaeagnus umbellata</i>	Autumn-Olive	UPL			X	X	X		X	X	X									
<i>Eleusine indica</i>	Indian Goose Grass	FACU															X			X
<i>Elymus canadensis</i>	Nodding Wild Rye	FACU																X	X	
<i>Elymus riparius</i>	River-Bank Wild Rye	FACW																		
<i>Elymus virginicus</i>	Virginia Wild Rye	FACW																X		
<i>Epilobium coloratum</i>	Purple-Leaf Willowherb	OBL		X					X											
<i>Equisetum arvense</i>	Field Horsetail	FAC			X				X		X		X			X	X			
<i>Equisetum hyemale</i>	Tall Scouring-Rush	FACW									X		X				X			X
<i>Equisetum laevigatum</i>	Smooth Scouring-Rush	FACW																X		

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H22 through H40 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H22	H23	H24	H25	H28	H29	H30	H31	H32	H33	H34	H35	H36	H37	H38	H39	H40
				45.90 - 46.04 south	46.10 - 46.50 south	46.50 - 47.30 south	46.50 - 47.05 north	47.42 - 47.50 south	47.43 - 48.01 south	48.38 - 48.90 north	48.38 - 49.01 south	49.03 - 49.22 south	50.15 - 50.50 north	50.15 - 50.50 south	50.70 - 50.75 south	50.82 - 51.00 north and south	53.91 - 54.71 south	54.75 - 55.00 north and south	54.85 - 55.0 south of US12	55.05 - 55.69 north and south
<i>Eragrostis capillaris</i>	Lace Grass	UPL																		
<i>Eragrostis spectabilis</i>	Purple Love Grass	UPL												X						X
<i>Erigeron annuus</i>	Eastern Daisy Fleabane	FACU				X														X
<i>Erigeron canadensis</i>	Canadian Horseweed	FACU		X	X	X		X	X	X	X		X	X			X	X		X
<i>Erigeron strigosus</i>	Prairie Fleabane	FACU							X											
<i>Euonymus alatus</i>	Winged Euonymus	UPL																		
<i>Euonymus europaeus</i>	European Spindle Tree	UPL																		
<i>Euonymus hederaceus</i>	Climbing Euonymus	UPL													X					
<i>Eupatorium altissimum</i>	Tall Boneset	UPL			X		X	X	X	X			X		X	X				
<i>Eupatorium perfoliatum</i>	Common Boneset	OBL		X	X				X											
<i>Eupatorium serotinum</i>	Late-Flowering Thoroughwort	FAC		X	X	X		X	X	X	X			X		X	X	X		X
<i>Euphorbia corollata</i>	Flowering Spurge	UPL				X	X		X				X	X		X	X	X		X
<i>Euphorbia hexagona</i>	Mexican-Fireplant	FACU																		
<i>Euthamia graminifolia</i>	Flat-Top Goldentop	FACW			X	X		X	X							X				X
<i>Euthamia gymnospermoides</i>	Texas Goldentop	FACW																		X
<i>Eutrochium fistulosum</i>	Trumpetweed	OBL			X				X											
<i>Eutrochium maculatum</i>	Spotted Trumpetweed	OBL																		
<i>Eutrochium purpureum</i>	Sweet-Scented Joe-Pye-Weed	FAC																		
<i>Fagus grandifolia</i>	American Beech	FACU																		
<i>Fallopia convolvulus</i>	Black-Bindweed	FACU																		X
<i>Fallopia dumetorum</i> *										X			X							
<i>Fallopia scandens</i>	Climbing Black-Bindweed	FAC			X				X	X				X		X	X	X	X	X
<i>Festuca filiformis</i>	Slender Fescue	UPL				X														
<i>Festuca rubra</i>	Red Fescue	FACU				X														
<i>Fragaria virginiana</i>	Virginia Strawberry	FACU													X					
<i>Frangula alnus</i>	Glossy False Buckthorn	FACW																		
<i>Fraxinus pennsylvanica</i>	Green Ash	FACW		X	X	X		X	X		X								X	X
<i>Galium aparine</i>	Sticky-Willy	FACU				X									X				X	
<i>Galium tinctorium</i>	Stiff Marsh Bedstraw	OBL																		
<i>Gentianopsis virgata</i>	Lesser Fringed-Gentian	OBL																		
<i>Geum canadense</i>	White Avens	FAC		X	X													X		
<i>Geum laciniatum var. trichocarpum</i>	Rough Avens	FACW				X														

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H22 through H40 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H22	H23	H24	H25	H28	H29	H30	H31	H32	H33	H34	H35	H36	H37	H38	H39	H40
				45.90 - 46.04 south	46.10 - 46.50 south	46.50 - 47.30 south	46.50 - 47.05 north	47.42 - 47.50 south	47.43 - 48.01 south	48.38 - 48.90 north	48.38 - 49.01 south	49.03 - 49.22 south	50.15 - 50.50 north	50.15 - 50.50 south	50.70 - 50.75 south	50.82 - 51.00 north and south	53.91 - 54.71 south	54.75 - 55.00 north and south	54.85 - 55.0 south of US12	55.05 - 55.69 north and south
<i>Glechoma hederacea</i>	Groundivy	FACU													X				X	
<i>Gleditsia tricanthos</i>	Honey-Locust	FACU																		X
<i>Glyceria canadensis</i>	Rattlesnake Manna Grass	OBL																		
<i>Glyceria striata</i>	Fowl Manna Grass	OBL																		
<i>Hackelia virginiana</i>	Beggar's-Lice	FACU		X	X	X			X									X	X	X
<i>Hamamelis virginiana</i>	American Witch-Hazel	FACU			X															
<i>Hedera helix</i>	English Ivy	UPL																		
<i>Helenium autumnale</i>	Fall Sneezeweed	FACW																		
<i>Helianthus divaricatus</i>	Woodland Sunflower	UPL							X		X									
<i>Helianthus giganteus</i>	Giant Sunflower	FACW																		
<i>Helianthus grosseserratus</i>	Saw-Tooth Sunflower	FACW							X				X							
<i>Helianthus hirsutus</i>	Hispid Sunflower	UPL												X						
<i>Helianthus petiolaris</i>	Petioled Sunflower	UPL												X				X		
<i>Helianthus salicifolius</i>	Willow-Leaf Sunflower	UPL																		
<i>Helianthus tuberosus</i>	Jerusalem-Artichoke	FACU																		
<i>Helianthus X cinereus*</i>																				
<i>Helianthus X laetiflorus*</i>													X							
<i>Heterotheca subaxillaris</i> ⁴	Camphorweed	UPL				X ⁴			X				X ⁴	X		X				
<i>Hordeum jubatum</i>	Fox-Tail Barley	FAC																		
<i>Hypericum canadense</i>	Lesser Canadian St. John's-Wort	FACW											X				X			
<i>Hypericum kalmianum</i> ⁵	Kalm’s St. John's-Wort	FACW																		
<i>Hypericum perforatum</i>	Common St. John's-Wort	FACU				X														
<i>Hypericum punctatum</i>	Spotted St. John's-Wort	FAC						X												
<i>Hypericum sp.</i>																				
<i>Hypericum sphaerocarpum</i>	Round-Seed St. John's-Wort	FACU																		
<i>Ilex opaca*</i>																				
<i>Ilex verticillata</i>	Common Winterberry	FACW																		
<i>Impatiens capensis</i>	Spotted Touch-Me-Not	FACW			X				X	X										
<i>Ipomoea lacunosa</i>	Whitestar	FACW												X						
<i>Ipomoea pandurata</i>	Man-of-the-Earth	FACU							X											
<i>Ipomoea purpurea</i>	Common Morning-Glory	FACU				X					X									
<i>Iris sp.</i>																				

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Scientific name	Common name	Wetland Designation	State Status	H22	H23	H24	H25	H28	H29	H30	H31	H32	H33	H34	H35	H36	H37	H38	H39	H40
				45.90 - 46.04 south	46.10 - 46.50 south	46.50 - 47.30 south	46.50 - 47.05 north	47.42 - 47.50 south	47.43 - 48.01 south	48.38 - 48.90 north	48.38 - 49.01 south	49.03 - 49.22 south	50.15 - 50.50 north	50.15 - 50.50 south	50.70 - 50.75 south	50.82 - 51.00 north and south	53.91 - 54.71 south	54.75 - 55.00 north and south	54.85 - 55.0 south of US12	55.05 - 55.69 north and south
<i>Iris virginica</i> var. <i>shrevei</i>	Virginia Blueflag	OBL																		
<i>Juglans nigra</i>	Black Walnut	FACU		X													X	X	X	
<i>Juncus acuminatus</i>	Knotty-Leaf Rush	OBL												X						
<i>Juncus anthelatus</i>	Kentucky Rush	FACW																		
<i>Juncus brachycarpus</i>	White-Root Rush	FACW																		
<i>Juncus canadensis</i>	Canadian Rush	OBL												X						
<i>Juncus dudleyi</i>	Dudley's Rush	FACW							X	X										
<i>Juncus effusus</i> ssp. <i>solutus</i>	Lamp Rush	OBL							X											
<i>Juncus interior</i>	Inland Rush	FAC																		
<i>Juncus marginatus</i>	Bog Rush	FACW																		
<i>Juncus nodosus</i>	Knotted Rush	OBL																		
<i>Juncus scirpoiodes</i>	Needle-Pod Rush	FACW							X											
<i>Juncus</i> sp.																				
<i>Juncus torreyi</i>	Torrey's Rush	FACW																		
<i>Juniperus virginiana</i>	Eastern Red-Cedar	FACU			X	X			X	X									X	
<i>Kochia scoparia</i>	Cypressbush	UPL																		
<i>Krigia virginica</i>	Virginia Dwarf-Dandelion	UPL								X										
<i>Lactuca biennis</i>	Wild Blue Lettuce	FAC																		
<i>Lactuca canadensis</i>	Canadian Blue Lettuce	FACU																		X
<i>Lactuca serriola</i>	Prickly Lettuce	FACU							X				X	X		X	X			X
<i>Lamium purpureum</i>	Purple Dead Nettle	UPL				X					X				X					
<i>Laportea canadensis</i>	Canadian Wood-Nettle	FACW			X															
<i>Leersia oryzoides</i>	Rice Cut Grass	OBL							X											
<i>Lemna minor</i>	Common Duckweed	OBL			X						X	X								
<i>Leonurus cardiaca</i>	Motherwort	UPL		X	X													X	X	
<i>Lepidium campestre</i>	Field Pepperwort	UPL																		
<i>Lepidium densiflorum</i>	Miner's Pepperwort	FAC											X							
<i>Lepidium virginicum</i>	Poorman's-Pepperwort	FACU												X				X		
<i>Leptochloa acuminata</i>	Salt Meadow Grass	UPL																		
<i>Lespedeza capitata</i>	Round-Head Bush-Clover	FACU				X	X													
<i>Lespedeza hirta</i>	Hairy Bush-Clover	UPL																		
<i>Leucanthemum vulgare</i>	Ox-Eye Daisy	UPL							X											

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H22 through H40 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H22	H23	H24	H25	H28	H29	H30	H31	H32	H33	H34	H35	H36	H37	H38	H39	H40
				45.90 - 46.04 south	46.10 - 46.50 south	46.50 - 47.30 south	46.50 - 47.05 north	47.42 - 47.50 south	47.43 - 48.01 south	48.38 - 48.90 north	48.38 - 49.01 south	49.03 - 49.22 south	50.15 - 50.50 north	50.15 - 50.50 south	50.70 - 50.75 south	50.82 - 51.00 north and south	53.91 - 54.71 south	54.75 - 55.00 north and south	54.85 - 55.0 south of US12	55.05 - 55.69 north and south
<i>Liatris aspera</i>	Rough Gayfeather	UPL																		X
<i>Liatris cylindracea</i>	Cylindrical Gayfeather	UPL																		
<i>Ligustrum obtusifolium</i>	Blunt-Leaf Privet	UPL																		
<i>Ligustrum vulgare</i>	European Privet	FACU																		
<i>Lilium michiganense</i> ⁶	Michigan Lily	FACW																		
<i>Linaria vulgaris</i> ⁷	Butter-and-Eggs	UPL				X				X	X		X	X ⁷				X		X
<i>Lindera benzoin</i>	Northern Spicebush	FACW				X														
<i>Liriodendron tulipifera</i>	Tuliptree	FACU																		
<i>Lobelia cardinalis</i>	Cardinal-Flower	OBL																		
<i>Lobelia siphilitica</i>	Great Blue Lobelia	OBL																		
<i>Lolium perenne ssp. multiflorum</i>	Perennial Rye Grass	FACU			X	X			X								X	X	X	X
<i>Lonicera japonica</i>	Japanese Honeysuckle	FACU																		
<i>Lonicera maackii</i>	Amur Honeysuckle	UPL		X			X													
<i>Lonicera morrowii</i>	Morrow's Honeysuckle	FACU								X										
<i>Lonicera sp.</i>				X	X						X				X				X	X
<i>Lonicera sp./Ligustrum sp.</i> ⁸																				
<i>Lonicera tatarica</i>	Twinsisters	FACU				X			X									X		
<i>Lonicera X notha</i> *		UPL								X			X			X	X			
<i>Lonicera X xylosteoides</i> *		UPL																		
<i>Lonicera xylosteum</i>	European Fly Honeysuckle	UPL		X														X		X
<i>Ludwigia alternifolia</i>	Seedbox	OBL																		
<i>Ludwigia palustris</i>	Globe-Fruit Primrose-Willow	OBL																		
<i>Lycopus americanus</i>	Cut-Leaf Water-Horehound	OBL							X	X										X
<i>Lysimachia lanceolata</i>	Lance-Leaf Yellow-Loosestrife	FAC				X														
<i>Lysimachia quadrifolia</i>	Whorled Yellow-Loosestrife	FACU																		
<i>Lysimachia terrestris</i>	Swampcandles	OBL				X														
<i>Lythrum salicaria</i> ⁹	Purple Loosestrife	OBL		X	X			X	X	X	X	X				X				X
<i>Maianthemum canadense</i>	False Lily-of-the-Valley	FAC													X				X	X
<i>Maianthemum racemosum</i>	Feathery False Solomon's-Seal	FACU													X					
<i>Medicago lupulina</i>	Black Medick	FACU																		X
<i>Melilotus albus</i>	White Sweet-Clover	UPL				X	X		X	X				X		X				X
<i>Melilotus officinalis</i>	Yellow Sweet-Clover	FACU																		

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H22 through H40 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H22	H23	H24	H25	H28	H29	H30	H31	H32	H33	H34	H35	H36	H37	H38	H39	H40
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<i>Mentha spicata</i>	Spearmint	FACW																X		
<i>Mimulus ringens</i>	Allegheny Monkey-Flower	OBL																		
<i>Mirabilis nyctaginea</i>	Wild Four-O'clock	UPL																		
<i>Monarda fistulosa</i>	Oswego-Tea	FACU				X														
<i>Monarda punctata</i>	Spotted Beebalm	UPL					X						X					X		X
<i>Morus alba</i>	White Mulberry	FAC		X	X	X			X		X					X	X	X	X	X
<i>Morus rubra</i>	Red Mulberry	FACU											X							
<i>Muhlenbergia asperifolia</i>	Alkali Muhly	FACW																		X
<i>Muhlenbergia racemosa</i>	Green Muhly	FACW																		
<i>Muhlenbergia sobolifera</i>	Rock Muhly	UPL																		
<i>Muscari botryoides</i>	Grape Hyacinth	UPL													X					
<i>Myriophyllum exalbescens</i>	Tiny Mousetail	FACW																		X
<i>Nabalus albus</i>	White Rattlesnake-Root	FACU																		
<i>Narcissus pseudo-narcissus</i>	Daffodil	UPL													X					
<i>Narcissus X medioluteus*</i>		UPL													X					
<i>Nepeta cataria</i>	Catnip	FACU		X	X		X		X	X	X			X		X	X	X	X	X
<i>Nymphaea odorata</i>	American White Water-Lily	OBL																		
<i>Nyssa sylvatica</i>	Black Tupelo	FAC																		
<i>Oenothera biennis</i>	King's-Cureall	FACU		X		X	X		X		X			X		X	X	X	X	X
<i>Onoclea sensibilis</i>	Sensitive Fern	FACW			X				X											
<i>Opuntia humifusa</i>	Common Prickly-Pear	UPL					X				X	X	X	X						X
<i>Ornithogalum umbellatum</i>	Star-of-Bethlehem	UPL																		
<i>Osmorhiza longistylis</i>	Aniseroot	FACU			X										X				X	
<i>Osmunda cinnamomea</i>	Cinnamon Fern	FACW																		
<i>Osmunda spectabilis</i>	Royal Fern	OBL																		
<i>Ostrya virginiana</i>	Eastern Hop-Hornbeam	FACU				X														
<i>Oxalis stricta</i>	Upright Yellow Wood-Sorrel	FACU				X													X	X
<i>Oxypolis rigidior</i>	Stiff Cowbane	OBL																		
<i>Packera glabella</i>	Cress-Leaf Groundsel	FACW																		
<i>Panax trifolius</i>	Dwarf Ginseng	UPL																		
<i>Panicum capillare</i>	Common Panic Grass	FAC							X	X						X				
<i>Panicum flexile</i>	Wiry Panic Grass	FACW														X				

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H22 through H40 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H22	H23	H24	H25	H28	H29	H30	H31	H32	H33	H34	H35	H36	H37	H38	H39	H40
				45.90 - 46.04 south	46.10 - 46.50 south	46.50 - 47.30 south	46.50 - 47.05 north	47.42 - 47.50 south	47.43 - 48.01 south	48.38 - 48.90 north	48.38 - 49.01 south	49.03 - 49.22 south	50.15 - 50.50 north	50.15 - 50.50 south	50.70 - 50.75 south	50.82 - 51.00 north and south	53.91 - 54.71 south	54.75 - 55.00 north and south	54.85 - 55.0 south of US12	55.05 - 55.69 north and south
<i>Panicum philadelphicum</i>	Philadelphia Panic Grass	FACW																		
<i>Panicum sp.</i>																				
<i>Panicum virgatum</i>	Wand Panic Grass	FAC			X		X			X	X		X	X			X	X		X
<i>Parthenocissus quinquefolia</i>	Virginia-Creeper	FACU		X		X	X	X	X	X	X		X	X		X	X	X	X	X
<i>Paspalum setaceum</i>	Slender Crown Grass	FACU																		X
<i>Penthorum sedoides</i>	Ditch-Stonecrop	OBL																		
<i>Persicaria amphibia</i>	Water Smartweed	OBL																		
<i>Persicaria hydropiperoides</i>	Swamp Smartweed	OBL																		
<i>Persicaria lapathifolia</i>	Dock-Leaf Smartweed	FACW								X	X					X				X
<i>Persicaria maculosa</i>	Lady's-Thumb	FACW							X		X					X				X
<i>Persicaria punctata</i>	Dotted Smartweed	OBL							X											
<i>Persicaria satittata</i>	Arrow-Leaf Tearthumb	OBL							X											
<i>Persicaria virginiana</i>	Jumpseed	FAC		X	X				X											
<i>Phalaris arundinacea</i>	Reed Canary Grass	FACW		X	X	X										X	X			X
<i>Phlox paniculata</i>	Fall Phlox	FACU				X														
<i>Phragmites australis ssp. australis</i>	Common Reed	FACW				X			X	X	X	X				X				X
<i>Physalis heterophylla</i>	Clammy Ground-Cherry	UPL											X			X				
<i>Physocarpus opulifolius</i>	Atlantic Ninebark	FACW							X											
<i>Physostegia virginiana</i>	Obedient-Plant	FACW																		
<i>Phytolacca americana</i>	American Pokeweed	FACU														X	X	X		X
<i>Picea abies</i>	Norway Spruce	UPL																		
<i>Pilea pumila</i>	Canadian Clearweed	FACW																		
<i>Pinus strobus</i>	Eastern White Pine	FACU		X	X															
<i>Plantago lanceolata</i>	English Plantain	FACU				X	X				X			X		X	X			X
<i>Plantago rugelii</i>	Black-Seed Plantain	FAC																		
<i>Platanus occidentalis</i>	American Sycamore	FACW			X															
<i>Podophyllum peltatum</i>	May-Apple	FACU																		
<i>Poinsettia dentata</i>	Wild Poinsettia	UPL											X	X		X	X	X	X	X
<i>Polanisia graveolens</i>	Clammyweed	UPL											X							
<i>Polygonatum canaliculatum</i>	King Solomon's-Seal	FACU							X		X			X	X		X	X		
<i>Populus deltoides</i>	Eastern Cottonwood	FAC			X	X		X	X	X			X			X	X	X	X	
<i>Populus tremuloides</i>	Quaking Aspen	FAC			X															

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H22 through H40 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H22	H23	H24	H25	H28	H29	H30	H31	H32	H33	H34	H35	H36	H37	H38	H39	H40
				45.90 - 46.04 south	46.10 - 46.50 south	46.50 - 47.30 south	46.50 - 47.05 north	47.42 - 47.50 south	47.43 - 48.01 south	48.38 - 48.90 north	48.38 - 49.01 south	49.03 - 49.22 south	50.15 - 50.50 north	50.15 - 50.50 south	50.70 - 50.75 south	50.82 - 51.00 north and south	53.91 - 54.71 south	54.75 - 55.00 north and south	54.85 - 55.0 south of US12	55.05 - 55.69 north and south
<i>Potentilla norvegica</i>	Norwegian Cinquefoil	FAC									X									
<i>Potentilla recta</i>	Sulfur Cinquefoil	UPL																		
<i>Prunella vulgaris ssp. lanceolata</i>	Common Selfheal	FAC							X											
<i>Prunus americana</i>	American Plum	UPL							X											
<i>Prunus pensylvanica</i>	Fire Cherry	FACU																X		
<i>Prunus serotina</i>	Black Cherry	FACU		X	X										X			X		X
<i>Prunus sp.</i>															X					
<i>Prunus virginiana</i>	Choke Cherry	FACU						X							X			X		X
<i>Pseudognaphalium obtusifolium</i>	Sweet Everlasting	UPL																		
<i>Ptelea trifoliata</i>	Common Hoptree	FACU																		X
<i>Pteridium aquilinum var. latiusculum</i>	Northern Bracken Fern	FACU									X									
<i>Pycnanthemum tenuifolium</i>	Narrow-Leaf Mountain-Mint	FAC																		
<i>Pycnanthemum virginianum</i>	Virginia Mountain-Mint	FACW							X											X
<i>Pyrus calleryana</i>	Ornamental Pear	UPL							X											
<i>Quercus alba</i>	Northern White Oak	FACU				X														X
<i>Quercus bicolor</i>	Swamp White Oak	FACW						X	X											
<i>Quercus palustris</i>	Pin Oak	FACW		X	X				X						X			X		X
<i>Quercus rubra</i>	Northern Red Oak	FACU		X		X		X	X						X			X		X
<i>Quercus velutina</i>	Black Oak	UPL																		
<i>Quercus X buschii*</i>																		X		
<i>Quercus X hawkinsiae*</i>		UPL																		
<i>Ranunculus arbortivus</i>	Tall Buttercup	FAC													X				X	
<i>Ranunculus recurvatus</i>	Blisterwort	FACW								X										
<i>Ratibida pinnata</i>	Yellow Coneflower	UPL								X										
<i>Reynoutria japonica</i>	Japanese-Knotweed	FACU															X			X
<i>Reynoutria japonica</i>	Japanese-Knotweed	FACU																		
<i>Rhamnus cathartica</i>	European Buckthorn	FAC																		X
<i>Rhamnus davurica</i>	Dahurian Buckthorn	UPL													X					
<i>Rhamnus lanceolata</i>	Lance-Leaf Buckthorn	FACW																		X
<i>Rhus aromatica</i>	Fragrant Sumac	UPL																		
<i>Rhus copallinum</i>	Winged Sumac	UPL																		
<i>Rhus glabra</i>	Smooth Sumac	UPL																		

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Scientific name	Common name	Wetland Designation	State Status	H22	H23	H24	H25	H28	H29	H30	H31	H32	H33	H34	H35	H36	H37	H38	H39	H40
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<i>Rhus typhina</i>	Staghorn Sumac	UPL		X	X	X	X	X	X	X	X					X	X		X	X
<i>Ribes americanum</i>	Wild Black Currant	FACW						X	X						X					
<i>Ribes cynosbati</i>	Eastern Prickly Gooseberry	FAC			X															
<i>Ribes lacustre</i>	Hairy-Stem Gooseberry	FACW																		
<i>Ribes rubrum</i> ¹⁰	Red Currant	UPL					X ¹⁰		X											
<i>Ribes sp.</i>																				
<i>Robinia pseudoaccacia</i>	Black Locust	FACU		X	X	X							X		X		X			
<i>Rosa carolina</i>	Carolina Rose	FACU								X			X							X
<i>Rosa gallica</i>	French Rose	UPL																		
<i>Rosa multiflora</i>	Rambler Rose	FACU		X	X	X		X	X		X				X					
<i>Rosa palustris</i>	Swamp Rose	OBL																		
<i>Rubus alleghiensis</i>	Allegheny Blackberry	FACU						X							X			X		
<i>Rubus frondosus</i>	Blackberry	UPL																		
<i>Rubus hispidus</i>	Bristly Dewberry	FACW																		
<i>Rubus idaeus ssp. strigosus</i>	Common Red Raspberry	FACU																		
<i>Rubus occidentalis</i>	Black Raspberry	UPL		X	X	X	X	X	X											X
<i>Rubus pubescens</i>	Dwarf Red Raspberry	FACW																		
<i>Rubus sp.</i>						X			X	X					X		X			X
<i>Rubus wheeleri</i>	Wheeler's Blackberry	FAC																	X	
<i>Rubus X neglectus*</i>																				
<i>Rudbeckia hirta</i>	Black-Eyed-Susan	FACU																		
<i>Rudbeckia laciniata</i>	Green-Head Coneflower	FACW									X									
<i>Rumex crispus</i>	Curly Dock	FAC			X	X			X		X							X	X	X
<i>Rumex obtusifolius</i>	Bitter Dock	FACW																		
<i>Salix discolor</i>	Pussy Willow	FACW																		
<i>Salix interior</i>	Sandbar Willow	FACW							X	X										
<i>Salix myricoides</i>	Bayberry Willow	FACW																		
<i>Salix nigra</i>	Black Willow	OBL			X															
<i>Salix pedicellaris</i>	Bog Willow	OBL							X											
<i>Salix petiolaris</i>	Meadow Willow	OBL																		
<i>Salix X pendulina*</i>		FACW							X											
<i>Salix X sepulcralis*</i>		FACW														X				

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<i>Sambucus nigra ssp. canadensis</i>	Black Elder	FACW			X	X			X	X	X	X				X	X	X		X
<i>Sanicula odorata</i>	Clustered Black-Snakeroot	FAC																	X	
<i>Saponaria officinalis</i>	Bouncing-Bett	FACU			X	X	X				X		X	X		X	X	X		X
<i>Sassafras albidum</i>	Sassafras	FACU			X	X			X						X			X		X
<i>Schedonorus pratensis</i>	Meadow Fescue	FACU			X	X	X	X	X		X			X			X	X	X	X
<i>Schizachyrium scoparium</i>	Little False Bluestem	FACU					X		X				X	X		X				X
<i>Schoenoplectus pungens</i>	Three-Square	OBL																		
<i>Scirpus atrovirens</i>	Dark-Green Bulrush	OBL			X				X											
<i>Scirpus cyperinus</i>	Cottongrass Bulrush	OBL							X											
<i>Scutellaria latifolia</i>	Mad Dog Skullcap	OBL																		
<i>Securigera varia</i>	Crown Vetch	UPL						X			X							X	X	
<i>Senecio hieraciifolius</i>	American Burnweed	FAC							X		X					X			X	X
<i>Setaria faberi</i>	Japanese Bristle Grass	FACU				X				X	X		X	X		X	X	X		
<i>Setaria pumila</i>	Yellow Bristle Grass	FAC		X	X	X					X						X		X	X
<i>Sicyos angulatus</i>	One-Seed Burr-Cucumber	FACW								X										
<i>Sium suave</i>	Hemlock Water-Parsnip	OBL							X											
<i>Smilax hispida</i>	Chinaroot	FAC											X							X
<i>Smilax lasioneura</i>	Illinois Carrion Flower	UPL				X														
<i>Smilax rotundifolia</i>	Horsebrier	FAC																	X	
<i>Smilax sp.</i>																				
<i>Solanum carolinense</i>	Carolina Horse-Nettle	FACU									X		X				X	X		X
<i>Solanum dulcamara</i>	Climbing Nightshade	FAC		X					X		X					X	X		X	
<i>Solidago altissima</i>	Tall Goldenrod	FACU		X	X	X	X	X	X	X	X					X		X	X	X
<i>Solidago canadensis</i>	Canadian Goldenrod	FACU																		
<i>Solidago gigantea</i>	Late Goldenrod	FACW		X					X							X				
<i>Solidago glaberrima</i>	Eastern Missouri Goldenrod	UPL																		
<i>Solidago juncea</i>	Early Goldenrod	UPL																		
<i>Solidago patula</i>	Round-Leaf Goldenrod	OBL																		
<i>Solidago rigida</i>	Hard-Leaf Flat-Top-Goldenrod	FACU																		
<i>Solidago rigidiuscula</i>	Prairie Goldenrod	UPL																		
<i>Solidago rugosa</i>	Wrinkle-Leaf Goldenrod	FAC																		
<i>Solidago sp.</i>																				

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				45.90 - 46.04 south	46.10 - 46.50 south	46.50 - 47.30 south	46.50 - 47.05 north	47.42 - 47.50 south	47.43 - 48.01 south	48.38 - 48.90 north	48.38 - 49.01 south	49.03 - 49.22 south	50.15 - 50.50 north	50.15 - 50.50 south	50.70 - 50.75 south	50.82 - 51.00 north and south	53.91 - 54.71 south	54.75 - 55.00 north and south	54.85 - 55.0 south of US12	55.05 - 55.69 north and south
<i>Solidago speciosa</i>	Showy Goldenrod	UPL																		
<i>Solidago uliginosa</i>	Bog Goldenrod	OBL																		
<i>Sonchus arvensis</i> ssp. <i>uliginosus</i>	Field Sow-Thistle	FACU																		X
<i>Sonchus asper</i>	Spiny-Leaf Sow-Thistle	FACU																X		
<i>Sonchus oleraceus</i>	Common Sow-Thistle	FACU				X			X	X	X			X				X		
<i>Sorghastrum nutans</i>	Yellow Indian Grass	FACU											X							X
<i>Sorghum halpense</i>	Johnson Grass	FACU																		
<i>Sparganium</i> sp.																				
<i>Spartina pectinata</i>	Freshwater Cord Grass	FACW																		X
<i>Spiraea alba</i>	White Meadowsweet	FACW																		
<i>Spiraea tomentosa</i>	Steeplebush	FACW																		
<i>Stachys hispida</i>	Lamb's-Ears	UPL																		
<i>Stachys pilosa</i>	Hairy Hedge-Nettle	FACW																		
<i>Stellaria media</i>	Common Chickweed	FACU																		
<i>Symphoricarpos albus</i> var. <i>laevigatus</i>	Common Snowberry	FACU																		
<i>Symphoricarpos occidentalis</i>	Western Snowberry	UPL																		
<i>Symphyotrichum laeve</i>	Smooth Blue American-Aster	FACU																		
<i>Symphyotrichum lanceolatum</i>	White Panicked American-Aster	FAC				X		X												
<i>Symphyotrichum lateriflorum</i>	Farewell-Summer	FACW																		
<i>Symphyotrichum ontarionis</i>	Ontario American-Aster	FAC							X	X										
<i>Symphyotrichum parviceps</i>	Small White Aster	UPL																		
<i>Symphyotrichum pilosum</i>	White Oldfield American-Aster	FACU		X	X			X	X				X			X	X	X	X	X
<i>Symphyotrichum racemosum</i>	Fragile-Stem American-Aste	FACW				X				X	X									
<i>Symphyotrichum</i> sp.											X									
<i>Symplocarpus foetidus</i>	Skunk-Cabbage	OBL									X	X								
<i>Taraxacum officinale</i>	Common Dandelion	FACU									X				X				X	
<i>Teucrium canadense</i>	American Germander	FACW							X											X
<i>Thalictrum dasycarpum</i>	Purple Meadow-Rue	FACW																		
<i>Thelypteris palustris</i> var. <i>pubescens</i>	Eastern Marsh Fern	OBL																		
<i>Tilia americana</i>	American Basswood	FACU				X			X							X				
<i>Toxicodendron radicans</i>	Eastern Poison-Ivy	FAC		X	X	X	X	X	X	X			X			X				
<i>Tradescantia ohiensis</i>	Bluejacket	FACU				X	X			X			X	X				X		X

*Indicates species, varieties or hybrids not included in the Chicago Region Floristic Quality Assessment Calculator database (Herman et al 2013).

Appendix D Floristic Quality Assessment Inventory for Habitat Units H22 through H40 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H22	H23	H24	H25	H28	H29	H30	H31	H32	H33	H34	H35	H36	H37	H38	H39	H40
				45.90 - 46.04 south	46.10 - 46.50 south	46.50 - 47.30 south	46.50 - 47.05 north	47.42 - 47.50 south	47.43 - 48.01 south	48.38 - 48.90 north	48.38 - 49.01 south	49.03 - 49.22 south	50.15 - 50.50 north	50.15 - 50.50 south	50.70 - 50.75 south	50.82 - 51.00 north and south	53.91 - 54.71 south	54.75 - 55.00 north and south	54.85 - 55.0 south of US12	55.05 - 55.69 north and south
<i>Tragopogon dubius</i>	Sand Goat's-Beard	UPL															X			
<i>Tridens flavus</i>	Purple-Top	UPL			X	X							X			X				X
<i>Trifolium hybridum</i>	Alsike Clover	FACU																		
<i>Trifolium pratense</i>	Red Clover	FACU																		
<i>Trillium grandifolium</i>	Large White Trillium	UPL																		
<i>Trillium recurvatum</i> ¹¹	Bloody-butcher	FACU																		
<i>Typha angustifolia</i> ¹²	Narrow-Leaf Cat-Tail	OBL			X ¹²				X ¹²		X ¹²									
<i>Typha latifolia</i> ¹²	Broad-Leaf Cat-Tail	OBL							X ¹²			X ¹²								
<i>Typha x glauca</i> ¹²	Hybrid Cat-Tail	OBL																		
<i>Ulmus americana</i>	American Elm	FACW																		X
<i>Ulmus pumila</i>	Siberian Elm	UPL		X	X								X	X		X	X	X	X	X
<i>Ulmus rubra</i>	Slippery Elm	FAC				X			X								X	X		
<i>Urtica dioica ssp. gracilis</i>	Tall Nettle	FACW			X	X					X			X	X	X				
<i>Vaccinium angustifolium</i>	Late Lowbush Blueberry	FACU													X					
<i>Verbascum thapsus</i>	Woolly Mullein	UPL				X	X		X	X	X		X	X		X	X	X		
<i>Verbena hastata</i>	Simpler's-Joy	FACW							X											X
<i>Verbena stricta</i>	Hoary Vervain	UPL				X	X		X	X	X			X						X
<i>Verbena urticifolia</i>	White Vervain	FAC		X	X	X			X	X	X									
<i>Verbesina alternifolia</i>	Wingstem	FACW																		
<i>Vernonia fasciculata</i>	Prairie Ironweed	FACW									X									
<i>Vernonia gigantea</i>	Smooth Tall Ironweed	FAC			X	X		X	X	X	X									
<i>Veronicastrum virginicum</i>	Culver's-Root	FAC																		
<i>Viburnum acerifolium</i>	Maple-Leaf Arrow-Wood	UPL																		
<i>Viburnum dentatum</i>	Southern Arrow-Wood	FAC																		
<i>Viburnum lentago</i>	Nanny-Berry	FAC																		
<i>Viburnum opulus var. opulus</i>	Highbush-Cranberry	FAC						X												
<i>Viburnum prunifolium</i>	Smooth Blackhaw	FACU																		
<i>Viburnum recognitum</i> ¹³	Smooth Arrow-Wood	FAC			X															
<i>Viburnum sp.</i>																				
<i>Vicia tetrasperma</i>	Four-Seed Vetch	UPL																		
<i>Vinca minor</i>	Common Periwinkle	UPL																	X	
<i>Viola sororia</i>	Hooded Blue Violet	FAC																		

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H22 through H40 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H22	H23	H24	H25	H28	H29	H30	H31	H32	H33	H34	H35	H36	H37	H38	H39	H40
				45.90 - 46.04 south	46.10 - 46.50 south	46.50 - 47.30 south	46.50 - 47.05 north	47.42 - 47.50 south	47.43 - 48.01 south	48.38 - 48.90 north	48.38 - 49.01 south	49.03 - 49.22 south	50.15 - 50.50 north	50.15 - 50.50 south	50.70 - 50.75 south	50.82 - 51.00 north and south	53.91 - 54.71 south	54.75 - 55.00 north and south	54.85 - 55.0 south of US12	55.05 - 55.69 north and south
<i>Vitis aestivalis</i>	Summer Grape	FACU									X									
<i>Vitis labrusca</i>	Fox Grape	FACU									X									
<i>Vitis riparia</i>	River-Bank Grape	FACW		X	X	X	X	X	X	X	X		X	X		X	X	X	X	X
<i>Vitis sp.</i>											X									
<i>Vitis vulpina</i>	Frost Grape	FAC																		
<i>Xanthium strumarium</i>	Rough Cocklebur	FAC									X									
<i>Yucca smalliana</i>	Yucca	UPL					X								X				X	
<i>Zanthoxylum americanum</i>	Toothachetree	FACU																		

1 *Ampelopsis brevipedunculata* has not previously been documented for Indiana; although there are scattered known occurrences from all bordering states. This species was field identified, so there are no voucher specimens against which to confirm the identification. Since there are no other vines with a similar leaf pattern, the account will be retained on the list as a questionable occurrence.

2 Changed *Asclepias lanuginosa* in the original report to *Asclepias longifolia* (=A. *hirtella*).

3 Although most of these sedges were identified as *Carex grayii*, the potential exists that some may have been the similar *Carex intumescens*. Because it is not possible at this time to determine which habitat units the correction should be made, the individual habitat occurrences have not been revised with the understanding that some of these could potentially be *Carex intumescens*.

4 Changed *Chrysopsis villosa* for habitat units H24 and H33 in the original report to *Heterotheca subaxillaris*.

5 Changed *Hypericum prolificum* in the original report to *Hypericum kalmianum*.

6 Changed *Lilium philadelphicum* var. *andinum* in the original report to *Lilium michiganense*.

7 Changed *Agalinis aspera* for habitat unit H34 in the original report to *Linaria vulgaris*.

8 Changed *Shepherdia canadensis* for habitat unit H10 in the original report to *Lonicera sp./Ligustrum sp.*

9 Changed *Trichostema dichotomum* in the original report to *Lythrum salicaria*.

10 Changed *Ribes triste* for habitat unit H25 in the original report to *Ribes rubrum*.

11 Changed *Trillium sessile* in the original report to *Trillium recurvatum*.

12 Although all of the cattails encountered within the project area were identified as either *Typha angustifolia* or *Typha latifolia*, several of these occurrences might have been the hydrid *Typha x glauca*. Because it is not possible at this time to determine which habitat units the correction should be made, the individual habitat occurrences have not been revised with the understanding that some of these could potentially be *Typha x glauca*.

13 Changed *Viburnum dentatum* in the original report to *Viburnum recognitum* for habitat units H10 and H44.

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H41 through H58 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H41	H42	H43	H44	H45	H46	H47	H48	H49	H50	H51	H52	H53	H54	H55	H56	H58
				55.28 - 55.40 south of US12	55.70 - 56.38 north	55.70 - 56.38 south	56.40 - 57.14 north	57.58 - 58.02 north	58.03 - 58.33 north	35.07 - 35.11 south	37.54 - 37.55 south	38.13 - 38.14 north	38.13 - 38.14 south	38.76 - 38.77 south	39.47 - 39.48 south	39.93 - 39.94 south	40.5 - 40.72 south	43.21 - 43.22 south	43.49 - 43.50 south	56.40 - 57.00 south
<i>Acalypha rhomboidea</i>	Common Three-Seed-Mercury	FACU																		
<i>Acer ginnala</i>	Amur Maple	UPL						X												
<i>Acer negundo</i>	Ash-Leaf Maple	FAC		X	X	X	X	X		X										
<i>Acer rubrum</i>	Red Maple	FAC														X	X			
<i>Acer saccharinum</i>	Silver Maple	FACW		X			X	X		X			X				X			
<i>Acer saccharum</i>	Sugar Maple	FACU														X		X		
<i>Achillea millefolium</i>	Common Yarrow	FACU			X	X							X						X	
<i>Agalinis skinneriana</i>	Skinner's False Foxglove	UPL	ST																	
<i>Agalinis tenuifolia</i>	Slender-Leaf False Foxglove	FACW																		X
<i>Ageratina altissima</i>	White Snakeroot	FACU					X	X												X
<i>Agrimonia gryposepala</i>	Tall Hairy Grooveburr	FACU															X			
<i>Agrimonia parviflora</i>	Harvestlice	FACW																		
<i>Agrostis gigantea</i>	Black Bent	FACW																		
<i>Agrostis scabra</i>	Rough Bent	FAC																		
<i>Agrostis stolonifera</i>	Spreading Bent	FACW				X														
<i>Ailanthus altissima</i>	Tree-of-Heaven	FACU		X	X			X	X											
<i>Alisma subcordatum</i>	American Water-Plantain	OBL																		X
<i>Alliaria petiolata</i>	Garlic-Mustard	FAC		X						X	X		X							
<i>Allium sp.</i>							X			X										
<i>Allium tricoccum</i>	Ramp	FACU																		
<i>Allium vineale</i>	Crow Garlic	FACU																		
<i>Alnus incana</i>	Speckled Alder	FACW	WL																	
<i>Alnus sp.</i>															X					
<i>Alopecurus carolinianus</i>	Tufted Meadow-Foxtail	FACW																		
<i>Ambrosia artemisiifolia</i>	Annual Ragweed	FACU		X	X	X	X	X	X											X
<i>Ambrosia trifida</i>	Great Ragweed	FAC				X														
<i>Amelanchier interior</i>	Inland Service-Berry	UPL																		
<i>Amelanchier laevis</i>	Allegheny Service-Berry	UPL																		
<i>Amelanchier sp.</i>																	X			
<i>Ampelopsis brevipedunculata</i> ¹	Turquoise-Berry	UPL																		
<i>Amphicarpaea bracteata</i>	American Hog-Peanut	FAC																		
<i>Andropogon gerardii</i>	Big Bluestem	FAC			X	X	X	X	X											

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H41 through H58 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H41	H42	H43	H44	H45	H46	H47	H48	H49	H50	H51	H52	H53	H54	H55	H56	H58
				55.28 - 55.40 south of US12	55.70 - 56.38 north	55.70 - 56.38 south	56.40 - 57.14 north	57.58 - 58.02 north	58.03 - 58.33 north	35.07 - 35.11 south	37.54 - 37.55 south	38.13 - 38.14 north	38.13 - 38.14 south	38.76 - 38.77 south	39.47 - 39.48 south	39.93 - 39.94 south	40.5 - 40.72 south	43.21 - 43.22 south	43.49 - 43.50 south	56.40 - 57.00 south
<i>Andropogon virginicus</i>	Broom-Sedge	FACU																		
<i>Anemone quinquefolia</i>	Nightcaps	FAC																		
<i>Anemone virginiana</i>	Tall Thimbleweed	FACU																		
<i>Apios americana</i>	Groundnut	FACW					X													X
<i>Apocynum cannabinum</i>	Indian-Hemp	FAC				X	X													
<i>Arabis lyrata</i>	Mouse-Ear Cress	UPL													X					
<i>Arctium lappa</i>	Great Burdock	UPL					X													
<i>Aronia prunifolia</i>	Purple Chokeberry	FACW																		
<i>Artemisia abrotanum</i>	Southern Wormwood	UPL							X											
<i>Artemisia absinthium</i>	Common Wormwood	UPL																X	X	
<i>Artemisia dracunculus</i>	False Tarragon	UPL																		
<i>Artemisia serrata</i>	Serrate-Leaf Sage	UPL																		
<i>Artemisia vulgaris</i>	Common Mugwort	UPL				X			X											
<i>Asclepias incarnata</i>	Swamp Milkweed	OBL																		
<i>Asclepias longifolia</i> ²	Woolly Milkweed	UPL																		
<i>Asclepias purpurascens</i>	Purple Milkweed	FACU																		
<i>Asclepias syriaca</i>	Common Milkweed	FACU		X	X	X	X	X	X											
<i>Asclepias tuberosa ssp. interior</i>	Butterfly-Weed	UPL																		
<i>Asclepias verticillata</i>	Whorled Milkweed	FACU																		
<i>Asclepias viridiflora</i>	Green Milkweed	UPL																		
<i>Asimina triloba</i>	Common Pawpaw	FAC																		
<i>Asparagus officinalis</i>	Asparagus	FACU					X													
<i>Athyrium filix-femina ssp. angustum</i>	Subarctic Lady Fern	FAC																		
<i>Berberis thunbergii</i>	Japanese Barberry	FACU																		
<i>Berteroa incana</i>	Hoary Alyssum	UPL			X															
<i>Betula nigra</i>	River Birch	FACW																		
<i>Bidens bipinnata</i>	Spanish-Needles	FAC																		
<i>Bidens frondosa</i>	Devil's-Pitchfork	FACW																		
<i>Bidens sp.</i>														X						
<i>Boehmeria cylindrica</i>	Small-Spike False Nettle	OBL																		
<i>Bothriochloa laguroides</i>	Silver Beardgrass	UPL																		
<i>Bromus secalinus</i>	Smooth Chess	UPL																		

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H41 through H58 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H41	H42	H43	H44	H45	H46	H47	H48	H49	H50	H51	H52	H53	H54	H55	H56	H58
				55.28 - 55.40 south of US12	55.70 - 56.38 north	55.70 - 56.38 south	56.40 - 57.14 north	57.58 - 58.02 north	58.03 - 58.33 north	35.07 - 35.11 south	37.54 - 37.55 south	38.13 - 38.14 north	38.13 - 38.14 south	38.76 - 38.77 south	39.47 - 39.48 south	39.93 - 39.94 south	40.5 - 40.72 south	43.21 - 43.22 south	43.49 - 43.50 south	56.40 - 57.00 south
<i>Calamagrostis canadensis</i>	Bluejoint	OBL				X	X													
<i>Calamagrostis stricta</i>	Slim-Stem Reed Grass	FACW																		
<i>Calystegia sepium</i>	Hedge False Bindweed	FAC				X														
<i>Campsis radicans</i>	Trumpet-Creeper	FACU																		
<i>Cannabis sativa</i>	Hemp	FACU							X											
<i>Cardamine parviflora</i> var. <i>arenicola</i>	Small-Flowered Bitter Cress	FAC																		
<i>Carex bebbii</i>	Bebb's Sedge	OBL	ST																	
<i>Carex brevior</i>	Short-Beak Sedge	FAC																		
<i>Carex crinita</i>	Fringed Sedge	OBL																		
<i>Carex folliculata</i>	Northern Long Sedge	OBL	SR																	
<i>Carex grayii</i> ³	Gray's Sedge	FACW																		
<i>Carex intumescens</i> ³	Greater Bladder Sedge	FACW																		
<i>Carex lacustris</i>	Lakebank Sedge	OBL					X										X			
<i>Carex lurida</i>	Sallow Sedge	OBL																		
<i>Carex</i> sp.														X					X	X
<i>Carex straminea</i>	Eastern Straw Sedge	OBL																		
<i>Carex suberecta</i>	Prairie Straw Sedge	OBL																		
<i>Carex tribuloides</i>	Blunt Broom Sedge	OBL																		
<i>Carex vulpinoidea</i>	Common Fox Sedge	FACW																		
<i>Carya cordiformis</i>	Bitter-Nut Hickory	FACU																		
<i>Carya ovata</i>	Shag-Bark Hickory	FACU																		
<i>Carya</i> sp.										X										
<i>Catalpa speciosa</i>	Northern Catalpa	FACU						X												
<i>Celastrus orbiculatus</i>	Asian Bittersweet	UPL		X						X	X					X	X	X	X	X
<i>Celastrus scandens</i>	American Bittersweet	FACU				X														
<i>Celtis occidentalis</i>	Common Hackberry	FAC						X	X											
<i>Cenchrus longispinus</i>	Sand Bur	UPL				X		X												
<i>Centaurea stoebe</i> ssp. <i>micranthos</i>	Spotted Knapweed	UPL			X	X			X											
<i>Cephalanthus occidentalis</i>	Common Buttonbush	OBL			X		X	X												X
<i>Cercis canadensis</i>	Redbud	FACU																		
<i>Chamaesyce humistrata</i>	Spreading Sandmat	FACW																		
<i>Chamaesyce maculata</i>	Spotted Sandmat	FACU			X															

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H41 through H58 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H41	H42	H43	H44	H45	H46	H47	H48	H49	H50	H51	H52	H53	H54	H55	H56	H58
				55.28 - 55.40 south of US12	55.70 - 56.38 north	55.70 - 56.38 south	56.40 - 57.14 north	57.58 - 58.02 north	58.03 - 58.33 north	35.07 - 35.11 south	37.54 - 37.55 south	38.13 - 38.14 north	38.13 - 38.14 south	38.76 - 38.77 south	39.47 - 39.48 south	39.93 - 39.94 south	40.5 - 40.72 south	43.21 - 43.22 south	43.49 - 43.50 south	56.40 - 57.00 south
<i>Chamaesyce nutans</i>	Eyebane	FACU																		
<i>Chelidonium majus</i>	Celandine	UPL																		
<i>Chelone glabra</i>	White Turtlehead	OBL																		
<i>Chenopodium album</i>	Lamb's-Quarters	FACU			X															
<i>Chenopodium leptophyllum</i>	Narrow-Leaf Goosefoot	FACU				X														
<i>Chenopodium pratericola</i>	Nettle-Leaf Goosefoot	FACU																		
<i>Chondrilla juncea</i>	Rush Skeletonweed	UPL																		
<i>Cichorium intybus</i>	Chicory	FACU		X																
<i>Cicuta maculata</i>	Spotted Water-Hemlock	OBL					X								X			X		
<i>Cinna arundinacea</i>	Sweet Wood-Reed	FACW																		
<i>Cirsium arvense</i>	Canadian Thistle	FACU				X														
<i>Cirsium discolor</i>	Field Thistle	FACU			X		X	X												X
<i>Cirsium muticum</i>	Swamp Thistle	OBL																		
<i>Cirsium vulgare</i>	Bull Thistle	FACU				X														
<i>Claytonia virginica</i>	Virginia Springbeauty	FACU																		
<i>Clematis virginiana</i>	Devil's-Darning-Needles	FAC																		
<i>Coleataenia anceps</i>	Beaked Cut-Throat Grass	FACW																		
<i>Coleataenia longifolia</i>	Red-Top Cut-Throat Grass	FACW																		
<i>Coleataenia rigidula</i>	Red-Top Cut-Throat Grass	FACW																		
<i>Commelina communis</i>	Asiatic Dayflower	FACU																		
<i>Convallaria majalis</i>	Lily-of-the-Valley	UPL								X										
<i>Coreopsis lanceolata</i>	Lance-Leaf Tickseed	FACU																		
<i>Coreopsis tripteris</i>	Tall Tickseed	FAC					X													
<i>Cornus alba</i>	Red Osier	FACW					X													
<i>Cornus florida</i>	Flowering Dogwood	FACU																		
<i>Cornus obliqua</i>	Pale Dogwood	FACW																		
<i>Cornus racemosa</i>	Gray Dogwood	FAC																		
<i>Corylus americana</i>	American Hazelnut	FACU																	X	X
<i>Crataegus macrosperma*</i>																				
<i>Crataegus phaenopyrum</i>	Washington Hawthorn	FAC																		
<i>Crataegus pruinosa</i>	Frosted Hawthorn	UPL																		
<i>Crataegus sp.</i>																				

*Indicates species, varieties or hybrids not included in the Chicago Region Floristic Quality Assessment Calculator database (Herman et al 2013).

Appendix D Floristic Quality Assessment Inventory for Habitat Units H41 through H58 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H41	H42	H43	H44	H45	H46	H47	H48	H49	H50	H51	H52	H53	H54	H55	H56	H58
				55.28 - 55.40 south of US12	55.70 - 56.38 north	55.70 - 56.38 south	56.40 - 57.14 north	57.58 - 58.02 north	58.03 - 58.33 north	35.07 - 35.11 south	37.54 - 37.55 south	38.13 - 38.14 north	38.13 - 38.14 south	38.76 - 38.77 south	39.47 - 39.48 south	39.93 - 39.94 south	40.5 - 40.72 south	43.21 - 43.22 south	43.49 - 43.50 south	56.40 - 57.00 south
<i>Croton glandulosus</i> var. <i>septrionalis</i>	Sand Croton	UPL			X															
<i>Cuscuta gonovii</i>	Rope Dodder	UPL																		
<i>Cyperus bipartitus</i>	Shining Flat Sedge	OBL																		X
<i>Cyperus esculentus</i>	Chufa	FACW					X													X
<i>Cyperus filiculmis</i>	Chufa	FACW																		
<i>Cyperus lupulinus</i>	Great Plains Flat Sedge	FACU				X														
<i>Cyperus schweinitzii</i>	Sand Flat Sedge	FACU																		X
<i>Cyperus strigosus</i>	Straw-Color Flat Sedge	FACW				X														
<i>Dactylis glomerata</i>	Orchard Grass	FACU																		
<i>Daucus carota</i>	Queen Anne’s Lace	UPL		X	X	X	X										X	X		X
<i>Desmodium paniculatum</i>	Panicled-Leaf Tick-Trefoil	FACU																		
<i>Desmodium sessilifolium</i>	Sessile-Leaf Tick-Trefoil	UPL					X													
<i>Dichanthelium clandestinum</i>	Deer-Tongue Rosette Grass	FACW																X		
<i>Digitaria sanguinalis</i>	Hairy Crab Grass	FACU			X	X														
<i>Dioscorea villosa</i>	Wild Yam	FAC																		
<i>Dipsacus fullonum</i>	Fuller's Teasel	FACU					X													
<i>Doellingeria umbellata</i>	Parasol White-Top	FACW																		
<i>Draba verna</i>	Vernal Whitlow-Grass	UPL																		
<i>Dryopteris cristata</i>	Crested Wood Fern	OBL																		
<i>Dryopteris intermedia</i>	Evergreen Wood Fern	FAC																		
<i>Echinacea purpurea</i>	Purple Coneflower	UPL																		
<i>Echinochloa muricata</i>	Large Barnyard Grass	FACW			X															X
<i>Elaeagnus angustifolia</i>	Russian-Olive	FACU														X			X	
<i>Elaeagnus umbellata</i>	Autumn-Olive	UPL					X										X			
<i>Eleusine indica</i>	Indian Goose Grass	FACU																		
<i>Elymus canadensis</i>	Nodding Wild Rye	FACU																		
<i>Elymus riparius</i>	River-Bank Wild Rye	FACW																		
<i>Elymus virginicus</i>	Virginia Wild Rye	FACW																X		
<i>Epilobium coloratum</i>	Purple-Leaf Willowherb	OBL																		
<i>Equisetum arvense</i>	Field Horsetail	FAC			X	X	X					X	X				X	X	X	X
<i>Equisetum hyemale</i>	Tall Scouring-Rush	FACW				X	X	X	X									X	X	
<i>Equisetum laevigatum</i>	Smooth Scouring-Rush	FACW																		

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H41 through H58 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H41	H42	H43	H44	H45	H46	H47	H48	H49	H50	H51	H52	H53	H54	H55	H56	H58
				55.28 - 55.40 south of US12	55.70 - 56.38 north	55.70 - 56.38 south	56.40 - 57.14 north	57.58 - 58.02 north	58.03 - 58.33 north	35.07 - 35.11 south	37.54 - 37.55 south	38.13 - 38.14 north	38.13 - 38.14 south	38.76 - 38.77 south	39.47 - 39.48 south	39.93 - 39.94 south	40.5 - 40.72 south	43.21 - 43.22 south	43.49 - 43.50 south	56.40 - 57.00 south
<i>Eragrostis capillaris</i>	Lace Grass	UPL							X											
<i>Eragrostis spectabilis</i>	Purple Love Grass	UPL				X														
<i>Erigeron annuus</i>	Eastern Daisy Fleabane	FACU																		
<i>Erigeron canadensis</i>	Canadian Horseweed	FACU			X	X	X	X	X											
<i>Erigeron strigosus</i>	Prairie Fleabane	FACU																		
<i>Euonymus alatus</i>	Winged Euonymus	UPL																	X	
<i>Euonymus europaeus</i>	European Spindle Tree	UPL																		
<i>Euonymus hederaceus</i>	Climbing Euonymus	UPL																		
<i>Eupatorium altissimum</i>	Tall Boneset	UPL																		
<i>Eupatorium perfoliatum</i>	Common Boneset	OBL					X													X
<i>Eupatorium serotinum</i>	Late-Flowering Thoroughwort	FAC		X		X	X	X	X											
<i>Euphorbia corollata</i>	Flowering Spurge	UPL						X	X											
<i>Euphorbia hexagona</i>	Mexican-Fireplant	FACU																		
<i>Euthamia graminifolia</i>	Flat-Top Goldentop	FACW					X	X												X
<i>Euthamia gymnospermoides</i>	Texas Goldentop	FACW																		
<i>Eutrochium fistulosum</i>	Trumpetweed	OBL					X	X												
<i>Eutrochium maculatum</i>	Spotted Trumpetweed	OBL																		
<i>Eutrochium purpureum</i>	Sweet-Scented Joe-Pye-Weed	FAC																		
<i>Fagus grandifolia</i>	American Beech	FACU																		
<i>Fallopia convolvulus</i>	Black-Bindweed	FACU																		
<i>Fallopia dumetorum*</i>																				
<i>Fallopia scandens</i>	Climbing Black-Bindweed	FAC			X	X	X	X	X											
<i>Festuca filiformis</i>	Slender Fescue	UPL																		
<i>Festuca rubra</i>	Red Fescue	FACU																		
<i>Fragaria virginiana</i>	Virginia Strawberry	FACU					X										X			
<i>Frangula alnus</i>	Glossy False Buckthorn	FACW					X	X												X
<i>Fraxinus pennsylvanica</i>	Green Ash	FACW		X	X	X	X				X	X								
<i>Galium aparine</i>	Sticky-Willy	FACU		X			X			X	X		X				X		X	
<i>Galium tinctorium</i>	Stiff Marsh Bedstraw	OBL												X						
<i>Gentianopsis virgata</i>	Lesser Fringed-Gentian	OBL																		
<i>Geum canadense</i>	White Avens	FAC						X												
<i>Geum laciniatum var. trichocarpum</i>	Rough Avens	FACW																		

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H41 through H58 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H41	H42	H43	H44	H45	H46	H47	H48	H49	H50	H51	H52	H53	H54	H55	H56	H58
				55.28 - 55.40 south of US12	55.70 - 56.38 north	55.70 - 56.38 south	56.40 - 57.14 north	57.58 - 58.02 north	58.03 - 58.33 north	35.07 - 35.11 south	37.54 - 37.55 south	38.13 - 38.14 north	38.13 - 38.14 south	38.76 - 38.77 south	39.47 - 39.48 south	39.93 - 39.94 south	40.5 - 40.72 south	43.21 - 43.22 south	43.49 - 43.50 south	56.40 - 57.00 south
<i>Glechoma hederacea</i>	Groundivy	FACU		X			X										X			
<i>Gleditsia tricanthos</i>	Honey-Locust	FACU						X												
<i>Glyceria canadensis</i>	Rattlesnake Manna Grass	OBL																		
<i>Glyceria striata</i>	Fowl Manna Grass	OBL																		
<i>Hackelia virginiana</i>	Beggar's-Lice	FACU		X	X	X		X												
<i>Hamamelis virginiana</i>	American Witch-Hazel	FACU														X		X		
<i>Hedera helix</i>	English Ivy	UPL		X						X										
<i>Helenium autumnale</i>	Fall Sneezeweed	FACW																		
<i>Helianthus divaricatus</i>	Woodland Sunflower	UPL																		
<i>Helianthus giganteus</i>	Giant Sunflower	FACW																		
<i>Helianthus grosseserratus</i>	Saw-Tooth Sunflower	FACW					X													X
<i>Helianthus hirsutus</i>	Hispid Sunflower	UPL																		
<i>Helianthus petiolaris</i>	Petioled Sunflower	UPL				X			X											
<i>Helianthus salicifolius</i>	Willow-Leaf Sunflower	UPL																		
<i>Helianthus tuberosus</i>	Jerusalem-Artichoke	FACU																		
<i>Helianthus X cinereus*</i>																				
<i>Helianthus X laetiflorus*</i>																				
<i>Heterotheca subaxillaris</i> ⁴	Camphorweed	UPL																		
<i>Hordeum jubatum</i>	Fox-Tail Barley	FAC																		X
<i>Hypericum canadense</i>	Lesser Canadian St. John's-Wort	FACW																		
<i>Hypericum kalmianum</i> ⁵	Kalm’s St. John's-Wort	FACW																		
<i>Hypericum perforatum</i>	Common St. John's-Wort	FACU																		
<i>Hypericum punctatum</i>	Spotted St. John's-Wort	FAC																		
<i>Hypericum sp.</i>																				
<i>Hypericum sphaerocarpum</i>	Round-Seed St. John's-Wort	FACU																		
<i>Ilex opaca</i>																				
<i>Ilex verticillata</i>	Common Winterberry	FACW																		
<i>Impatiens capensis</i>	Spotted Touch-Me-Not	FACW									X									
<i>Ipomoea lacunosa</i>	Whitestar	FACW																		
<i>Ipomoea pandurata</i>	Man-of-the-Earth	FACU																		
<i>Ipomoea purpurea</i>	Common Morning-Glory	FACU																		
<i>Iris sp.</i>													X		X		X			

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H41 through H58 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H41	H42	H43	H44	H45	H46	H47	H48	H49	H50	H51	H52	H53	H54	H55	H56	H58
				55.28 - 55.40 south of US12	55.70 - 56.38 north	55.70 - 56.38 south	56.40 - 57.14 north	57.58 - 58.02 north	58.03 - 58.33 north	35.07 - 35.11 south	37.54 - 37.55 south	38.13 - 38.14 north	38.13 - 38.14 south	38.76 - 38.77 south	39.47 - 39.48 south	39.93 - 39.94 south	40.5 - 40.72 south	43.21 - 43.22 south	43.49 - 43.50 south	56.40 - 57.00 south
<i>Iris virginica</i> var. <i>shrevei</i>	Virginia Blueflag	OBL					X													
<i>Juglans nigra</i>	Black Walnut	FACU				X							X							
<i>Juncus acuminatus</i>	Knotty-Leaf Rush	OBL																		
<i>Juncus anthelatus</i>	Kentucky Rush	FACW																		
<i>Juncus brachycarpus</i>	White-Root Rush	FACW																		
<i>Juncus canadensis</i>	Canadian Rush	OBL																		
<i>Juncus dudleyi</i>	Dudley's Rush	FACW																		X
<i>Juncus effusus</i> ssp. <i>solutus</i>	Lamp Rush	OBL											X	X						
<i>Juncus interior</i>	Inland Rush	FAC																		
<i>Juncus marginatus</i>	Bog Rush	FACW																		
<i>Juncus nodosus</i>	Knotted Rush	OBL																		
<i>Juncus scirpoiodes</i>	Needle-Pod Rush	FACW																		
<i>Juncus</i> sp.																				X
<i>Juncus torreyi</i>	Torrey's Rush	FACW																		X
<i>Juniperus virginiana</i>	Eastern Red-Cedar	FACU					X	X								X			X	
<i>Kochia scoparia</i>	Cypressbush	UPL				X														
<i>Krigia virginica</i>	Virginia Dwarf-Dandelion	UPL																		
<i>Lactuca biennis</i>	Wild Blue Lettuce	FAC		X																
<i>Lactuca canadensis</i>	Canadian Blue Lettuce	FACU					X													
<i>Lactuca serriola</i>	Prickly Lettuce	FACU			X	X		X	X											
<i>Lamium purpureum</i>	Purple Dead Nettle	UPL		X			X			X	X									
<i>Laportea canadensis</i>	Canadian Wood-Nettle	FACW																		
<i>Leersia oryzoides</i>	Rice Cut Grass	OBL																		
<i>Lemna minor</i>	Common Duckweed	OBL						X												X
<i>Leonurus cardiaca</i>	Motherwort	UPL				X		X		X										
<i>Lepidium campestre</i>	Field Pepperwort	UPL			X	X														
<i>Lepidium densiflorum</i>	Miner's Pepperwort	FAC																		
<i>Lepidium virginicum</i>	Poorman's-Pepperwort	FACU																		
<i>Leptochloa acuminata</i>	Salt Meadow Grass	UPL				X			X											
<i>Lespedeza capitata</i>	Round-Head Bush-Clover	FACU							X											
<i>Lespedeza hirta</i>	Hairy Bush-Clover	UPL			X															
<i>Leucanthemum vulgare</i>	Ox-Eye Daisy	UPL																		

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H41 through H58 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H41	H42	H43	H44	H45	H46	H47	H48	H49	H50	H51	H52	H53	H54	H55	H56	H58
				55.28 - 55.40 south of US12	55.70 - 56.38 north	55.70 - 56.38 south	56.40 - 57.14 north	57.58 - 58.02 north	58.03 - 58.33 north	35.07 - 35.11 south	37.54 - 37.55 south	38.13 - 38.14 north	38.13 - 38.14 south	38.76 - 38.77 south	39.47 - 39.48 south	39.93 - 39.94 south	40.5 - 40.72 south	43.21 - 43.22 south	43.49 - 43.50 south	56.40 - 57.00 south
<i>Liatris aspera</i>	Rough Gayfeather	UPL																		
<i>Liatris cylindracea</i>	Cylindrical Gayfeather	UPL																		
<i>Ligustrum obtusifolium</i>	Blunt-Leaf Privet	UPL																		
<i>Ligustrum vulgare</i>	European Privet	FACU																		
<i>Lilium michiganense</i> ⁶	Michigan Lily	FACW																		
<i>Linaria vulgaris</i> ⁷	Butter-and-Eggs	UPL			X	X	X		X											
<i>Lindera benzoin</i>	Northern Spicebush	FACW															X			
<i>Liriodendron tulipifera</i>	Tuliptree	FACU											X				X	X		
<i>Lobelia cardinalis</i>	Cardinal-Flower	OBL																		
<i>Lobelia siphilitica</i>	Great Blue Lobelia	OBL																		
<i>Lolium perenne ssp. multiflorum</i>	Perennial Rye Grass	FACU			X															
<i>Lonicera japonica</i>	Japanese Honeysuckle	FACU																		
<i>Lonicera maackii</i>	Amur Honeysuckle	UPL																		
<i>Lonicera morrowii</i>	Morrow's Honeysuckle	FACU		X																
<i>Lonicera sp.</i>							X	X	X	X	X		X		X	X	X		X	X
<i>Lonicera sp./Ligustrum sp.</i> ⁸																				
<i>Lonicera tatarica</i>	Twinsisters	FACU				X														
<i>Lonicera X notha</i> *		UPL																		
<i>Lonicera X xylosteoides</i> *		UPL																		X
<i>Lonicera xylosteum</i>	European Fly Honeysuckle	UPL																		
<i>Ludwigia alternifolia</i>	Seedbox	OBL																		
<i>Ludwigia palustris</i>	Globe-Fruit Primrose-Willow	OBL																		
<i>Lycopus americanus</i>	Cut-Leaf Water-Horehound	OBL																		
<i>Lysimachia lanceolata</i>	Lance-Leaf Yellow-Loosestrife	FAC																		
<i>Lysimachia quadrifolia</i>	Whorled Yellow-Loosestrife	FACU																		
<i>Lysimachia terrestris</i>	Swampcandles	OBL																		
<i>Lythrum salicaria</i> ⁹	Purple Loosestrife	OBL		X	X	X	X		X											X
<i>Maianthemum canadense</i>	False Lily-of-the-Valley	FAC		X			X												X	
<i>Maianthemum racemosum</i>	Feathery False Solomon's-Seal	FACU								X						X		X	X	
<i>Medicago lupulina</i>	Black Medick	FACU				X														
<i>Melilotus albus</i>	White Sweet-Clover	UPL				X	X													
<i>Melilotus officinalis</i>	Yellow Sweet-Clover	FACU																		

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H41 through H58 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H41	H42	H43	H44	H45	H46	H47	H48	H49	H50	H51	H52	H53	H54	H55	H56	H58
				55.28 - 55.40 south of US12	55.70 - 56.38 north	55.70 - 56.38 south	56.40 - 57.14 north	57.58 - 58.02 north	58.03 - 58.33 north	35.07 - 35.11 south	37.54 - 37.55 south	38.13 - 38.14 north	38.13 - 38.14 south	38.76 - 38.77 south	39.47 - 39.48 south	39.93 - 39.94 south	40.5 - 40.72 south	43.21 - 43.22 south	43.49 - 43.50 south	56.40 - 57.00 south
<i>Mentha spicata</i>	Spearmint	FACW																		
<i>Mimulus ringens</i>	Allegheny Monkey-Flower	OBL																		
<i>Mirabilis nyctaginea</i>	Wild Four-O'clock	UPL				X														
<i>Monarda fistulosa</i>	Oswego-Tea	FACU																		
<i>Monarda punctata</i>	Spotted Beebalm	UPL			X	X	X		X											
<i>Morus alba</i>	White Mulberry	FAC		X		X	X	X	X	X										
<i>Morus rubra</i>	Red Mulberry	FACU																		
<i>Muhlenbergia asperifolia</i>	Alkali Muhly	FACW																		
<i>Muhlenbergia racemosa</i>	Green Muhly	FACW																		
<i>Muhlenbergia sobolifera</i>	Rock Muhly	UPL																		
<i>Muscari botryoides</i>	Grape Hyacinth	UPL																		
<i>Myriophyllum exalbescens</i>	Tiny Mousetail	FACW																		
<i>Nabalus albus</i>	White Rattlesnake-Root	FACU																		
<i>Narcissus pseudo-narcissus</i>	Daffodil	UPL																		
<i>Narcissus X medioluteus*</i>		UPL								X										
<i>Nepeta cataria</i>	Catnip	FACU			X	X														
<i>Nymphaea odorata</i>	American White Water-Lily	OBL					X													
<i>Nyssa sylvatica</i>	Black Tupelo	FAC																		
<i>Oenothera biennis</i>	King's-Cureall	FACU			X		X	X	X											
<i>Onoclea sensibilis</i>	Sensitive Fern	FACW					X					X		X	X			X		
<i>Opuntia humifusa</i>	Common Prickly-Pear	UPL			X	X		X	X											
<i>Ornithogalum umbellatum</i>	Star-of-Bethlehem	UPL																		
<i>Osmorhiza longistylis</i>	Aniseroot	FACU								X						X				
<i>Osmunda cinnamomea</i>	Cinnamon Fern	FACW																		
<i>Osmunda spectabilis</i>	Royal Fern	OBL																		
<i>Ostrya virginiana</i>	Eastern Hop-Hornbeam	FACU																		
<i>Oxalis stricta</i>	Upright Yellow Wood-Sorrel	FACU																		
<i>Oxypolis rigidior</i>	Stiff Cowbane	OBL																		
<i>Packera glabella</i>	Cress-Leaf Groundsel	FACW					X													X
<i>Panax trifolius</i>	Dwarf Ginseng	UPL																		
<i>Panicum capillare</i>	Common Panic Grass	FAC			X	X	X													
<i>Panicum flexile</i>	Wiry Panic Grass	FACW						X												

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H41 through H58 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H41	H42	H43	H44	H45	H46	H47	H48	H49	H50	H51	H52	H53	H54	H55	H56	H58
				55.28 - 55.40 south of US12	55.70 - 56.38 north	55.70 - 56.38 south	56.40 - 57.14 north	57.58 - 58.02 north	58.03 - 58.33 north	35.07 - 35.11 south	37.54 - 37.55 south	38.13 - 38.14 north	38.13 - 38.14 south	38.76 - 38.77 south	39.47 - 39.48 south	39.93 - 39.94 south	40.5 - 40.72 south	43.21 - 43.22 south	43.49 - 43.50 south	56.40 - 57.00 south
<i>Panicum philadelphicum</i>	Philadelphia Panic Grass	FACW																		
<i>Panicum sp.</i>																				X
<i>Panicum virgatum</i>	Wand Panic Grass	FAC			X	X	X													
<i>Parthenocissus quinquefolia</i>	Virginia-Creeper	FACU		X	X	X	X	X	X		X					X			X	
<i>Paspalum setaceum</i>	Slender Crown Grass	FACU																		
<i>Penthorum sedoides</i>	Ditch-Stonecrop	OBL																		
<i>Persicaria amphibia</i>	Water Smartweed	OBL				X														
<i>Persicaria hydropiperoides</i>	Swamp Smartweed	OBL																		
<i>Persicaria lapathifolia</i>	Dock-Leaf Smartweed	FACW			X	X														
<i>Persicaria maculosa</i>	Lady's-Thumb	FACW				X				X										X
<i>Persicaria punctata</i>	Dotted Smartweed	OBL				X														
<i>Persicaria satittata</i>	Arrow-Leaf Tearthumb	OBL																		
<i>Persicaria virginiana</i>	Jumpseed	FAC																		
<i>Phalaris arundinacea</i>	Reed Canary Grass	FACW				X	X	X			X	X		X					X	
<i>Phlox paniculata</i>	Fall Phlox	FACU																		
<i>Phragmites australis ssp. australis</i>	Common Reed	FACW			X	X	X											X		X
<i>Physalis heterophylla</i>	Clammy Ground-Cherry	UPL			X	X														
<i>Physocarpus opulifolius</i>	Atlantic Ninebark	FACW																		
<i>Physostegia virginiana</i>	Obedient-Plant	FACW																		
<i>Phytolacca americana</i>	American Pokeweed	FACU																		
<i>Picea abies</i>	Norway Spruce	UPL																		
<i>Pilea pumila</i>	Canadian Clearweed	FACW																		
<i>Pinus strobus</i>	Eastern White Pine	FACU								X										
<i>Plantago lanceolata</i>	English Plantain	FACU			X	X							X							
<i>Plantago rugelii</i>	Black-Seed Plantain	FAC					X													
<i>Platanus occidentalis</i>	American Sycamore	FACW																		
<i>Podophyllum peltatum</i>	May-Apple	FACU														X	X	X		
<i>Poinsettia dentata</i>	Wild Poinsettia	UPL		X	X	X		X	X											
<i>Polanisia graveolens</i>	Clammyweed	UPL																		
<i>Polygonatum canaliculatum</i>	King Solomon's-Seal	FACU						X	X											
<i>Populus deltoides</i>	Eastern Cottonwood	FAC		X		X	X	X												
<i>Populus tremuloides</i>	Quaking Aspen	FAC					X												X	

*Indicates species, varieties or hybrids not included in the Chicago Region Floristic Quality Assessment Calculator database (Herman et al 2013).

Appendix D Floristic Quality Assessment Inventory for Habitat Units H41 through H58 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H41	H42	H43	H44	H45	H46	H47	H48	H49	H50	H51	H52	H53	H54	H55	H56	H58
				55.28 - 55.40 south of US12	55.70 - 56.38 north	55.70 - 56.38 south	56.40 - 57.14 north	57.58 - 58.02 north	58.03 - 58.33 north	35.07 - 35.11 south	37.54 - 37.55 south	38.13 - 38.14 north	38.13 - 38.14 south	38.76 - 38.77 south	39.47 - 39.48 south	39.93 - 39.94 south	40.5 - 40.72 south	43.21 - 43.22 south	43.49 - 43.50 south	56.40 - 57.00 south
<i>Potentilla norvegica</i>	Norwegian Cinquefoil	FAC					X													X
<i>Potentilla recta</i>	Sulfur Cinquefoil	UPL					X				X									
<i>Prunella vulgaris ssp. lanceolata</i>	Common Selfheal	FAC																		
<i>Prunus americana</i>	American Plum	UPL																		
<i>Prunus pensylvanica</i>	Fire Cherry	FACU																		
<i>Prunus serotina</i>	Black Cherry	FACU					X			X							X		X	
<i>Prunus sp.</i>																				
<i>Prunus virginiana</i>	Choke Cherry	FACU						X	X		X					X		X	X	
<i>Pseudognaphalium obtusifolium</i>	Sweet Everlasting	UPL																		
<i>Ptelea trifoliata</i>	Common Hoptree	FACU						X												
<i>Pteridium aquilinum var. latiusculum</i>	Northern Bracken Fern	FACU			X	X	X	X												
<i>Pycnanthemum tenuifolium</i>	Narrow-Leaf Mountain-Mint	FAC					X													X
<i>Pycnanthemum virginianum</i>	Virginia Mountain-Mint	FACW																		
<i>Pyrus calleryana</i>	Ornamental Pear	UPL																		
<i>Quercus alba</i>	Northern White Oak	FACU					X													
<i>Quercus bicolor</i>	Swamp White Oak	FACW																		
<i>Quercus palustris</i>	Pin Oak	FACW		X			X	X	X								X			
<i>Quercus rubra</i>	Northern Red Oak	FACU				X				X							X			
<i>Quercus velutina</i>	Black Oak	UPL							X											
<i>Quercus X buschii*</i>																				
<i>Quercus X hawkinsiae*</i>		UPL					X		X											
<i>Ranunculus arbortivus</i>	Tall Buttercup	FAC								X			X							
<i>Ranunculus recurvatus</i>	Blisterwort	FACW																		
<i>Ratibida pinnata</i>	Yellow Coneflower	UPL																		
<i>Reynoutria japonica</i>	Japanese-Knotweed	FACU			X		X								X					
<i>Reynoutria japonica</i>	Japanese-Knotweed	FACU								X										
<i>Rhamnus cathartica</i>	European Buckthorn	FAC					X													
<i>Rhamnus davurica</i>	Dahurian Buckthorn	UPL																		
<i>Rhamnus lanceolata</i>	Lance-Leaf Buckthorn	FACW						X												
<i>Rhus aromatica</i>	Fragrant Sumac	UPL							X											
<i>Rhus copallinum</i>	Winged Sumac	UPL					X													
<i>Rhus glabra</i>	Smooth Sumac	UPL																		

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H41 through H58 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H41	H42	H43	H44	H45	H46	H47	H48	H49	H50	H51	H52	H53	H54	H55	H56	H58
				55.28 - 55.40 south of US12	55.70 - 56.38 north	55.70 - 56.38 south	56.40 - 57.14 north	57.58 - 58.02 north	58.03 - 58.33 north	35.07 - 35.11 south	37.54 - 37.55 south	38.13 - 38.14 north	38.13 - 38.14 south	38.76 - 38.77 south	39.47 - 39.48 south	39.93 - 39.94 south	40.5 - 40.72 south	43.21 - 43.22 south	43.49 - 43.50 south	56.40 - 57.00 south
<i>Rhus typhina</i>	Staghorn Sumac	UPL		X		X	X	X			X									
<i>Ribes americanum</i>	Wild Black Currant	FACW																		
<i>Ribes cynosbati</i>	Eastern Prickly Gooseberry	FAC													X					
<i>Ribes lacustre</i>	Hairy-Stem Gooseberry	FACW																		
<i>Ribes rubrum</i> ¹⁰	Red Currant	UPL																		
<i>Ribes sp.</i>																				
<i>Robinia pseudoaccacia</i>	Black Locust	FACU								X							X		X	
<i>Rosa carolina</i>	Carolina Rose	FACU						X	X											
<i>Rosa gallica</i>	French Rose	UPL																		
<i>Rosa multiflora</i>	Rambler Rose	FACU				X				X							X			
<i>Rosa palustris</i>	Swamp Rose	OBL																		
<i>Rubus alleghiensis</i>	Allegheny Blackberry	FACU					X				X		X							
<i>Rubus frondosus</i>	Blackberry	UPL																		
<i>Rubus hispidus</i>	Bristly Dewberry	FACW						X												
<i>Rubus idaeus ssp. strigosus</i>	Common Red Raspberry	FACU																		
<i>Rubus occidentalis</i>	Black Raspberry	UPL						X											X	
<i>Rubus pubescens</i>	Dwarf Red Raspberry	FACW																		
<i>Rubus sp.</i>							X					X					X	X		
<i>Rubus wheeleri</i>	Wheeler's Blackberry	FAC																		
<i>Rubus X neglectus</i> *																				
<i>Rudbeckia hirta</i>	Black-Eyed-Susan	FACU																		
<i>Rudbeckia laciniata</i>	Green-Head Coneflower	FACW				X														
<i>Rumex crispus</i>	Curly Dock	FAC		X		X	X												X	X
<i>Rumex obtusifolius</i>	Bitter Dock	FACW																X		
<i>Salix discolor</i>	Pussy Willow	FACW					X													X
<i>Salix interior</i>	Sandbar Willow	FACW					X	X												X
<i>Salix myricoides</i>	Bayberry Willow	FACW					X											X		X
<i>Salix nigra</i>	Black Willow	OBL																		
<i>Salix pedicellaris</i>	Bog Willow	OBL																		
<i>Salix petiolaris</i>	Meadow Willow	OBL																		
<i>Salix X pendulina</i> *		FACW																		
<i>Salix X sepulcralis</i> *		FACW																		

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H41 through H58 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H41	H42	H43	H44	H45	H46	H47	H48	H49	H50	H51	H52	H53	H54	H55	H56	H58
				55.28 - 55.40 south of US12	55.70 - 56.38 north	55.70 - 56.38 south	56.40 - 57.14 north	57.58 - 58.02 north	58.03 - 58.33 north	35.07 - 35.11 south	37.54 - 37.55 south	38.13 - 38.14 north	38.13 - 38.14 south	38.76 - 38.77 south	39.47 - 39.48 south	39.93 - 39.94 south	40.5 - 40.72 south	43.21 - 43.22 south	43.49 - 43.50 south	56.40 - 57.00 south
<i>Sambucus nigra ssp. canadensis</i>	Black Elder	FACW		X	X	X	X	X	X							X			X	X
<i>Sanicula odorata</i>	Clustered Black-Snakeroot	FAC																		
<i>Saponaria officinalis</i>	Bouncing-Bett	FACU			X	X		X												
<i>Sassafras albidum</i>	Sassafras	FACU					X	X									X		X	
<i>Schedonorus pratensis</i>	Meadow Fescue	FACU		X	X	X		X	X											
<i>Schizachyrium scoparium</i>	Little False Bluestem	FACU				X	X	X												
<i>Schoenoplectus pungens</i>	Three-Square	OBL																		X
<i>Scirpus atrovirens</i>	Dark-Green Bulrush	OBL					X													X
<i>Scirpus cyperinus</i>	Cottongrass Bulrush	OBL																		
<i>Scutellaria latifolia</i>	Mad Dog Skullcap	OBL																		
<i>Securigera varia</i>	Crown Vetch	UPL																		
<i>Senecio hieraciifolius</i>	American Burnweed	FAC			X															
<i>Setaria faberi</i>	Japanese Bristle Grass	FACU			X		X	X												
<i>Setaria pumila</i>	Yellow Bristle Grass	FAC			X	X			X											X
<i>Sicyos angulatus</i>	One-Seed Burr-Cucumber	FACW																		
<i>Sium suave</i>	Hemlock Water-Parsnip	OBL					X													X
<i>Smilax hispida</i>	Chinaroot	FAC																		
<i>Smilax lasioneura</i>	Illinois Carrion Flower	UPL																		
<i>Smilax rotundifolia</i>	Horsebrier	FAC						X												
<i>Smilax sp.</i>																X	X			
<i>Solanum carolinense</i>	Carolina Horse-Nettle	FACU				X														
<i>Solanum dulcamara</i>	Climbing Nightshade	FAC						X												
<i>Solidago altissima</i>	Tall Goldenrod	FACU		X	X	X	X	X	X		X									
<i>Solidago canadensis</i>	Canadian Goldenrod	FACU																		
<i>Solidago gigantea</i>	Late Goldenrod	FACW																		
<i>Solidago glaberrima</i>	Eastern Missouri Goldenrod	UPL																		
<i>Solidago juncea</i>	Early Goldenrod	UPL																		
<i>Solidago patula</i>	Round-Leaf Goldenrod	OBL																		
<i>Solidago rigida</i>	Hard-Leaf Flat-Top-Goldenrod	FACU																		
<i>Solidago rigidiuscula</i>	Prairie Goldenrod	UPL																		
<i>Solidago rugosa</i>	Wrinkle-Leaf Goldenrod	FAC																		
<i>Solidago sp.</i>												X	X				X		X	

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H41 through H58 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H41	H42	H43	H44	H45	H46	H47	H48	H49	H50	H51	H52	H53	H54	H55	H56	H58
				55.28 - 55.40 south of US12	55.70 - 56.38 north	55.70 - 56.38 south	56.40 - 57.14 north	57.58 - 58.02 north	58.03 - 58.33 north	35.07 - 35.11 south	37.54 - 37.55 south	38.13 - 38.14 north	38.13 - 38.14 south	38.76 - 38.77 south	39.47 - 39.48 south	39.93 - 39.94 south	40.5 - 40.72 south	43.21 - 43.22 south	43.49 - 43.50 south	56.40 - 57.00 south
<i>Solidago speciosa</i>	Showy Goldenrod	UPL																		
<i>Solidago uliginosa</i>	Bog Goldenrod	OBL																		X
<i>Sonchus arvensis</i> ssp. <i>uliginosus</i>	Field Sow-Thistle	FACU				X														
<i>Sonchus asper</i>	Spiny-Leaf Sow-Thistle	FACU																		
<i>Sonchus oleraceus</i>	Common Sow-Thistle	FACU																		
<i>Sorghastrum nutans</i>	Yellow Indian Grass	FACU					X													
<i>Sorghum halpense</i>	Johnson Grass	FACU																		
<i>Sparganium</i> sp.																				
<i>Spartina pectinata</i>	Freshwater Cord Grass	FACW																		
<i>Spiraea alba</i>	White Meadowsweet	FACW																		
<i>Spiraea tomentosa</i>	Steeplebush	FACW																		
<i>Stachys hispida</i>	Lamb's-Ears	UPL																		
<i>Stachys pilosa</i>	Hairy Hedge-Nettle	FACW																		
<i>Stellaria media</i>	Common Chickweed	FACU								X										
<i>Symphoricarpos albus</i> var. <i>laevigatus</i>	Common Snowberry	FACU					X													
<i>Symphoricarpos occidentalis</i>	Western Snowberry	UPL																		
<i>Symphyotrichum laeve</i>	Smooth Blue American-Aster	FACU																		
<i>Symphyotrichum lanceolatum</i>	White Panicked American-Aster	FAC				X														
<i>Symphyotrichum lateriflorum</i>	Farewell-Summer	FACW																		
<i>Symphyotrichum ontarionis</i>	Ontario American-Aster	FAC																		
<i>Symphyotrichum parviceps</i>	Small White Aster	UPL																		X
<i>Symphyotrichum pilosum</i>	White Oldfield American-Aster	FACU		X				X												
<i>Symphyotrichum racemosum</i>	Fragile-Stem American-Aste	FACW																		
<i>Symphyotrichum</i> sp.																				
<i>Symplocarpus foetidus</i>	Skunk-Cabbage	OBL										X		X						
<i>Taraxacum officinale</i>	Common Dandelion	FACU		X			X										X		X	
<i>Teucrium canadense</i>	American Germander	FACW																		
<i>Thalictrum dasycarpum</i>	Purple Meadow-Rue	FACW																		
<i>Thelypteris palustris</i> var. <i>pubescens</i>	Eastern Marsh Fern	OBL					X													
<i>Tilia americana</i>	American Basswood	FACU						X												
<i>Toxicodendron radicans</i>	Eastern Poison-Ivy	FAC		X		X		X	X											
<i>Tradescantia ohiensis</i>	Bluejacket	FACU			X	X	X	X												

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H41 through H58 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H41	H42	H43	H44	H45	H46	H47	H48	H49	H50	H51	H52	H53	H54	H55	H56	H58
				55.28 - 55.40 south of US12	55.70 - 56.38 north	55.70 - 56.38 south	56.40 - 57.14 north	57.58 - 58.02 north	58.03 - 58.33 north	35.07 - 35.11 south	37.54 - 37.55 south	38.13 - 38.14 north	38.13 - 38.14 south	38.76 - 38.77 south	39.47 - 39.48 south	39.93 - 39.94 south	40.5 - 40.72 south	43.21 - 43.22 south	43.49 - 43.50 south	56.40 - 57.00 south
<i>Tragopogon dubius</i>	Sand Goat's-Beard	UPL						X												
<i>Tridens flavus</i>	Purple-Top	UPL		X	X	X		X	X											
<i>Trifolium hybridum</i>	Alsike Clover	FACU											X							
<i>Trifolium pratense</i>	Red Clover	FACU				X														
<i>Trillium grandifolium</i>	Large White Trillium	UPL																		
<i>Trillium recurvatum</i> ¹¹	Bloody-butcher	FACU													X ¹¹		X ¹¹			
<i>Typha angustifolia</i> ¹²	Narrow-Leaf Cat-Tail	OBL				X ¹²	X ¹²	X ¹²					X ¹²							X ¹²
<i>Typha latifolia</i> ¹²	Broad-Leaf Cat-Tail	OBL				X ¹²	X ¹²							X ¹²						
<i>Typha x glauca</i> ¹²	Hybrid Cat-Tail	OBL																		
<i>Ulmus americana</i>	American Elm	FACW					X			X			X							
<i>Ulmus pumila</i>	Siberian Elm	UPL		X	X	X	X	X	X											
<i>Ulmus rubra</i>	Slippery Elm	FAC				X			X											
<i>Urtica dioica ssp. gracilis</i>	Tall Nettle	FACW			X	X	X			X										
<i>Vaccinium angustifolium</i>	Late Lowbush Blueberry	FACU																		
<i>Verbascum thapsus</i>	Woolly Mullein	UPL			X	X	X	X	X		X								X	
<i>Verbena hastata</i>	Simpler's-Joy	FACW				X														X
<i>Verbena stricta</i>	Hoary Vervain	UPL			X	X			X											
<i>Verbena urticifolia</i>	White Vervain	FAC		X	X	X	X													
<i>Verbesina alternifolia</i>	Wingstem	FACW																		
<i>Vernonia fasciculata</i>	Prairie Ironweed	FACW																		
<i>Vernonia gigantea</i>	Smooth Tall Ironweed	FAC																		
<i>Veronicastrum virginicum</i>	Culver's-Root	FAC																		
<i>Viburnum acerifolium</i>	Maple-Leaf Arrow-Wood	UPL																		
<i>Viburnum lentago</i>	Nanny-Berry	FAC					X													
<i>Viburnum opulus var. opulus</i>	Highbush-Cranberry	FAC									X									
<i>Viburnum prunifolium</i>	Smooth Blackhaw	FACU																		
<i>Viburnum recognitum</i> ¹³	Smooth Arrow-Wood	FAC		X			X ¹³													
<i>Viburnum sp.</i>																				
<i>Vicia tetrasperma</i>	Four-Seed Vetch	UPL																		
<i>Vinca minor</i>	Common Periwinkle	UPL													X					
<i>Viola sororia</i>	Hooded Blue Violet	FAC								X								X	X	
<i>Vitis aestivalis</i>	Summer Grape	FACU		X																

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Appendix D Floristic Quality Assessment Inventory for Habitat Units H41 through H58 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific name	Common name	Wetland Designation	State Status	H41	H42	H43	H44	H45	H46	H47	H48	H49	H50	H51	H52	H53	H54	H55	H56	H58
				55.28 - 55.40 south of US12	55.70 - 56.38 north	55.70 - 56.38 south	56.40 - 57.14 north	57.58 - 58.02 north	58.03 - 58.33 north	35.07 - 35.11 south	37.54 - 37.55 south	38.13 - 38.14 north	38.13 - 38.14 south	38.76 - 38.77 south	39.47 - 39.48 south	39.93 - 39.94 south	40.5 - 40.72 south	43.21 - 43.22 south	43.49 - 43.50 south	56.40 - 57.00 south
<i>Vitis labrusca</i>	Fox Grape	FACU																		
<i>Vitis riparia</i>	River-Bank Grape	FACW		X	X	X	X	X	X											X
<i>Vitis sp.</i>												X								
<i>Vitis vulpina</i>	Frost Grape	FAC																		
<i>Xanthium strumarium</i>	Rough Cocklebur	FAC																		
<i>Yucca smalliana</i>	Yucca	UPL															X			
<i>Zanthoxylum americanum</i>	Toothachetree	FACU																		

1 *Ampelopsis brevipedunculata* has not previously been documented for Indiana; although there are scattered known occurrences from all bordering states. This species was field identified, so there are no voucher specimens against which to confirm the identification. Since there are no other vines with a similar leaf pattern, the account will be retained on the list as a questionable occurrence.

2 Changed *Asclepias lanuginosa* in the original report to *Asclepias longifolia* (=A. *hirtella*).

3 Although most of these sedges were identified as *Carex grayii*, the potential exists that some may have been the similar *Carex intumescens*. Because it is not possible at this time to determine which habitat units the correction should be made, the individual habitat occurrences have not been revised with the understanding that some of these could potentially be *Carex intumescens*.

4 Changed *Chrysopsis villosa* for habitat units H24 and H33 in the original report to *Heterotheca subaxillaris*.

5 Changed *Hypericum prolificum* in the original report to *Hypericum kalmianum*.

6 Changed *Lilium philadelphicum* var. *andinum* in the original report to *Lilium michiganense*.

7 Changed *Agalinis aspera* for habitat unit H34 in the original report to *Linaria vulgaris*.

8 Changed *Shepherdia canadensis* for habitat unit H10 in the original report to *Lonicera sp./Ligustrum sp.*

9 Changed *Trichostema dichotomum* in the original report to *Lythrum salicaria*.

10 Changed *Ribes triste* for habitat unit H25 in the original report to *Ribes rubrum*.

11 Changed *Trillium sessile* in the original report to *Trillium recurvatum*.

12 Although all of the cattails encountered within the project area were identified as either *Typha angustifolia* or *Typha latifolia*, several of these occurrences might have been the hydrid *Typha x glauca*. Because it is not possible at this time to determine which habitat units the correction should be made, the individual habitat occurrences have not been revised with the understanding that some of these could potentially be *Typha x glauca*.

13 Changed *Viburnum dentatum* in the original report to *Viburnum recognitum* for habitat units H10 and H44.

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Appendix F Floristic Quality Assessment Inventory for Wetlands 35-1 through 42-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W35-1	W36-1	W36-2	W36-3	W36-4	W36-5	W37-1 W37-2	W37-3	W37-4 W37-5	W38-1	W38-2	W38-3	W39-1	W39-3	W39-4	W40-3	W41-1	W41-2	W41-3	W42-1	W42-2
<i>Acalypha rhomboidea</i>	Common Three-Seed-Mercury	FACU																						
<i>Acer ginnala</i>	Amur Maple	UPL																						
<i>Acer negundo</i>	Ash-Leaf Maple	FAC																						
<i>Acer rubrum</i>	Red Maple	FAC															X				X			
<i>Acer saccharinum</i>	Silver Maple	FACW		X		X						X	X				X							
<i>Acer saccharum</i>	Sugar Maple	FACU																				X		
<i>Achillea millefolium</i>	Common Yarrow	FACU																						
<i>Agalinis aspera</i>	Tall False Foxglove	FACU																						
<i>Agalinis skinneriana</i>	Skinner's False Foxglove	UPL	ST																					
<i>Agalinis tenuifolia</i>	Slender-Leaf False Foxglove	FACW											X											
<i>Ageratina altissima</i>	White Snakeroot	FACU																						
<i>Agrimonia gryposepala</i>	Tall Hairy Grooveburr	FACU									X													
<i>Agrimonia parviflora</i>	Harvestlice	FACW		X			X						X						X	X				
<i>Agrostis gigantea</i>	Black Bent	FACW																						
<i>Agrostis scabra</i>	Rough Bent	FAC																						
<i>Agrostis stolonifera</i>	Spreading Bent	FACW																					X	
<i>Ailanthus altissima</i>	Tree-of-Heaven	FACU																						
<i>Alisma subcordatum</i>	American Water-Plantain	OBL																						
<i>Alliaria petiolata</i>	Garlic-Mustard	FAC																						
<i>Allium sp.</i>																								
<i>Allium tricoccum</i>	Ramp	FACU																						
<i>Allium vineale</i>	Crow Garlic	FACU																						
<i>Alnus incana</i>	Speckled Alder	FACW	WL										X											
<i>Alnus sp.</i>																		X						
<i>Alopecurus carolinianus</i>	Tufted Meadow-Foxtail	FACW																						
<i>Ambrosia artemisiifolia</i>	Annual Ragweed	FACU					X						X							X				
<i>Ambrosia trifida</i>	Great Ragweed	FAC																						
<i>Amelanchier interior</i>	Inland Service-Berry	UPL																						
<i>Amelanchier laevis</i>	Allegheny Service-Berry	UPL																						
<i>Amelanchier sp.</i>																								
<i>Ampelopsis brevipedunculata</i> ¹	Turquoise-Berry	UPL																						
<i>Amphicarpaea bracteata</i>	American Hog-Peanut	FAC																						
<i>Andropogon gerardii</i>	Big Bluestem	FAC																		X				
<i>Andropogon virginicus</i>	Broom-Sedge	FACU																						
<i>Anemone quinquefolia</i>	Nightcaps	FAC																						
<i>Anemone virginiana</i>	Tall Thimbleweed	FACU					X																	

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Appendix F Floristic Quality Assessment Inventory for Wetlands 35-1 through 42-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W35-1	W36-1	W36-2	W36-3	W36-4	W36-5	W37-1 W37-2	W37-3	W37-4 W37-5	W38-1	W38-2	W38-3	W39-1	W39-3	W39-4	W40-3	W41-1	W41-2	W41-3	W42-1	W42-2
<i>Apios americana</i>	Groundnut	FACW					X	X		X	X		X						X	X			X	
<i>Apocynum cannabinum</i>	Indian-Hemp	FAC					X	X					X							X				X
<i>Arabis lyrata</i>	Mouse-Ear Cress	UPL																						
<i>Arctium lappa</i>	Great Burdock	UPL				X																		
<i>Aronia prunifolia</i>	Purple Chokeberry	FACW																			X			
<i>Artemisia abrotanum</i>	Southern Wormwood	UPL																						
<i>Artemisia absinthium</i>	Common Wormwood	UPL																						
<i>Artemisia dracunculus</i>	False Tarragon	UPL																						
<i>Artemisia serrata</i>	Serrate-Leaf Sage	UPL																						
<i>Artemisia vulgaris</i>	Common Mugwort	UPL																			X			
<i>Asclepias incarnata</i>	Swamp Milkweed	OBL																	X	X				
<i>Asclepias longifolia</i> ²	Tall Green Milkweed	UPL																						
<i>Asclepias purpurascens</i>	Purple Milkweed	FACU																						
<i>Asclepias syriaca</i>	Common Milkweed	FACU					X						X						X	X				
<i>Asclepias tuberosa ssp. interior</i>	Butterfly-Weed	UPL																						
<i>Asclepias verticillata</i>	Whorled Milkweed	FACU																						
<i>Asclepias viridiflora</i>	Green Milkweed	UPL																						
<i>Asimina triloba</i>	Common Pawpaw	FAC																			X			
<i>Asparagus officinalis</i>	Asparagus	FACU																						
<i>Athyrium filix-femina ssp. angustum</i>	Subarctic Lady Fern	FAC																						
<i>Berberis thunbergii</i>	Japanese Barberry	FACU																						
<i>Berteroa incana</i>	Hoary Alyssum	UPL																						
<i>Betula nigra</i>	River Birch	FACW																		X				
<i>Bidens bipinnata</i>	Spanish-Needles	FAC																						
<i>Bidens frondosa</i>	Devil's-Pitchfork	FACW																X						
<i>Bidens sp.</i>														X										
<i>Boehmeria cylindrica</i>	Small-Spike False Nettle	OBL										X												
<i>Bothriochloa laguroides</i>	Silver Beardgrass	UPL																						
<i>Bromus secalinus</i>	Smooth Chess	UPL																						
<i>Calamagrostis canadensis</i>	Bluejoint	OBL			X			X					X				X			X				
<i>Calamagrostis stricta</i>	Slim-Stem Reed Grass	FACW																						
<i>Calystegia sepium</i>	Hedge False Bindweed	FAC						X		X										X			X	
<i>Campsis radicans</i>	Trumpet-Creeper	FACU																						
<i>Cannabis sativa</i>	Hemp	FACU																						
<i>Cardamine parviflora var. arenicola</i>	Small-Flowered Bitter Cress	FAC																						
<i>Carex bebbii</i>	Bebb's Sedge	OBL	ST																X	X				

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Appendix F Floristic Quality Assessment Inventory for Wetlands 35-1 through 42-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W35-1	W36-1	W36-2	W36-3	W36-4	W36-5	W37-1 W37-2	W37-3	W37-4 W37-5	W38-1	W38-2	W38-3	W39-1	W39-3	W39-4	W40-3	W41-1	W41-2	W41-3	W42-1	W42-2
<i>Carex brevior</i>	Short-Beak Sedge	FAC																						
<i>Carex crinita</i>	Fringed Sedge	OBL											X							X			X	
<i>Carex folliculata</i>	Northern Long Sedge	OBL	SR										X						X	X				
<i>Carex grayii</i> ³	Gray's Sedge	FACW											X ³				X ³		X ³	X ³	X ³			
<i>Carex intumescens</i> ³	Greater Bladder Sedge	FACW																			X ³	X ³		
<i>Carex lacustris</i>	Lakebank Sedge	OBL																						
<i>Carex lurida</i>	Sallow Sedge	OBL						X					X				X			X	X		X	
<i>Carex sp.</i>														X										
<i>Carex straminea</i>	Eastern Straw Sedge	OBL											X											
<i>Carex suberecta</i>	Prairie Straw Sedge	OBL																						X
<i>Carex tribuloides</i>	Blunt Broom Sedge	OBL																						
<i>Carex vulpinoidea</i>	Common Fox Sedge	FACW								X			X						X	X			X	X
<i>Carya cordiformis</i>	Bitter-Nut Hickory	FACU																						
<i>Carya ovata</i>	Shag-Bark Hickory	FACU																						
<i>Carya sp.</i>																								
<i>Catalpa speciosa</i>	Northern Catalpa	FACU									X													
<i>Celastrus orbiculatus</i>	Asian Bittersweet	UPL		X																	X	X		
<i>Celastrus scandens</i>	American Bittersweet	FACU																						
<i>Celtis occidentalis</i>	Common Hackberry	FAC																						
<i>Cenchrus longispinus</i>	Sand Bur	UPL																						
<i>Centaurea stoebe ssp. micranthos</i>	Spotted Knapweed	UPL														X								
<i>Cephalanthus occidentalis</i>	Common Buttonbush	OBL																						
<i>Cercis canadensis</i>	Redbud	FACU																						
<i>Chamaesyce humistrata</i>	Spreading Sandmat	FACW																						
<i>Chamaesyce maculata</i>	Spotted Sandmat	FACU																						
<i>Chamaesyce nutans</i>	Eyebane	FACU																						
<i>Chelidonium majus</i>	Celandine	UPL																						
<i>Chelone glabra</i>	White Turtlehead	OBL											X											
<i>Chenopodium album</i>	Lamb's-Quarters	FACU																						
<i>Chenopodium leptophyllum</i>	Narrow-Leaf Goosefoot	FACU																						
<i>Chenopodium pratericola</i>	Nettle-Leaf Goosefoot	FACU																						
<i>Chondrilla juncea</i>	Rush Skeletonweed	UPL																						
<i>Chrysopsis villosa</i>	Prairie Golden Aster	UPL	ST																					
<i>Cichorium intybus</i>	Chicory	FACU																						
<i>Cicuta maculata</i>	Spotted Water-Hemlock	OBL																						
<i>Cinna arundinacea</i>	Sweet Wood-Reed	FACW							X															

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Appendix F Floristic Quality Assessment Inventory for Wetlands 35-1 through 42-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W35-1	W36-1	W36-2	W36-3	W36-4	W36-5	W37-1 W37-2	W37-3	W37-4 W37-5	W38-1	W38-2	W38-3	W39-1	W39-3	W39-4	W40-3	W41-1	W41-2	W41-3	W42-1	W42-2
<i>Cirsium arvense</i>	Canadian Thistle	FACU															X							
<i>Cirsium discolor</i>	Field Thistle	FACU			X			X			X		X						X	X				
<i>Cirsium muticum</i>	Swamp Thistle	OBL																	X					
<i>Cirsium vulgare</i>	Bull Thistle	FACU																						X
<i>Claytonia virginica</i>	Virginia Springbeauty	FACU																						
<i>Clematis virginiana</i>	Devil's-Darning-Needles	FAC		X		X											X		X	X			X	
<i>Coleataenia anceps</i>	Beaked Cut-Throat Grass	FACW																	X					
<i>Coleataenia longifolia</i>	Red-Top Cut-Throat Grass	FACW																						
<i>Coleataenia rigidula</i>	Red-Top Cut-Throat Grass	FACW																						
<i>Commelina communis</i>	Asiatic Dayflower	FACU																						
<i>Convallaria majalis</i>	Lily-of-the-Valley	UPL																						
<i>Coreopsis lanceolata</i>	Lance-Leaf Tickseed	FACU																						
<i>Coreopsis tripteris</i>	Tall Tickseed	FAC					X	X															X	X
<i>Cornus alba</i>	Red Osier	FACW											X											
<i>Cornus florida</i>	Flowering Dogwood	FACU																						
<i>Cornus obliqua</i>	Pale Dogwood	FACW																			X			
<i>Cornus racemosa</i>	Gray Dogwood	FAC		X									X							X			X	
<i>Corylus americana</i>	American Hazelnut	FACU																						
<i>Crataegus macrosperma*</i>																								
<i>Crataegus phaenopyrum</i>	Washington Hawthorn	FAC																		X				
<i>Crataegus pruinosa</i>	Frosted Hawthorn	UPL																						
<i>Crataegus sp.</i>																								
<i>Croton glandulosus var. septentrionalis</i>	Sand Croton	UPL																						
<i>Cuscuta gonovii</i>	Rope Dodder	UPL											X						X	X				
<i>Cyperus bipartitus</i>	Shining Flat Sedge	OBL											X											
<i>Cyperus esculentus</i>	Chufa	FACW				X														X	X			
<i>Cyperus filiculmis</i>	Chufa	FACW																						
<i>Cyperus lupulinus</i>	Great Plains Flat Sedge	FACU																						
<i>Cyperus schweinitzii</i>	Sand Flat Sedge	FACU																						
<i>Cyperus strigosus</i>	Straw-Color Flat Sedge	FACW																	X					
<i>Dactylis glomerata</i>	Orchard Grass	FACU																						
<i>Daucus carota</i>	Queen Anne’s Lace	UPL									X						X			X	X		X	X
<i>Desmodium paniculatum</i>	Panicked-Leaf Tick-Trefoil	FACU																						
<i>Desmodium sessilifolium</i>	Sessile-Leaf Tick-Trefoil	UPL																						
<i>Dichanthelium clandestinum</i>	Deer-Tongue Rosette Grass	FACW					X	X			X		X				X		X	X		X	X	X
<i>Digitaria sanguinalis</i>	Hairy Crab Grass	FACU																						

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Appendix F Floristic Quality Assessment Inventory for Wetlands 35-1 through 42-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W35-1	W36-1	W36-2	W36-3	W36-4	W36-5	W37-1 W37-2	W37-3	W37-4 W37-5	W38-1	W38-2	W38-3	W39-1	W39-3	W39-4	W40-3	W41-1	W41-2	W41-3	W42-1	W42-2
<i>Dioscorea villosa</i>	Wild Yam	FAC					X	X					X						X	X				X
<i>Dipsacus fullonum</i>	Fuller's Teasel	FACU																						
<i>Doellingeria umbellata</i>	Parasol White-Top	FACW						X			X		X						X					
<i>Draba verna</i>	Vernal Whitlow-Grass	UPL																						
<i>Dryopteris cristata</i>	Crested Wood Fern	OBL																						
<i>Dryopteris intermedia</i>	Evergreen Wood Fern	FAC																						
<i>Echinacea purpurea</i>	Purple Coneflower	UPL																						
<i>Echinochloa muricata</i>	Large Barnyard Grass	FACW				X																		
<i>Elaeagnus angustifolia</i>	Russian-Olive	FACU																						
<i>Elaeagnus umbellata</i>	Autumn-Olive	UPL																						X
<i>Eleusine indica</i>	Indian Goose Grass	FACU																						
<i>Elymus canadensis</i>	Nodding Wild Rye	FACU																						
<i>Elymus riparius</i>	River-Bank Wild Rye	FACW																						
<i>Elymus virginicus</i>	Virginia Wild Rye	FACW																					X	
<i>Epilobium coloratum</i>	Purple-Leaf Willowherb	OBL		X		X																		
<i>Equisetum arvense</i>	Field Horsetail	FAC		X				X							X	X	X			X				
<i>Equisetum hyemale</i>	Tall Scouring-Rush	FACW																		X				
<i>Equisetum laevigatum</i>	Smooth Scouring-Rush	FACW																						
<i>Eragrostis capillaris</i>	Lace Grass	UPL																						
<i>Eragrostis spectabilis</i>	Purple Love Grass	UPL																						
<i>Erigeron annuus</i>	Eastern Daisy Fleabane	FACU																						
<i>Erigeron canadensis</i>	Canadian Horseweed	FACU					X																	
<i>Erigeron strigosus</i>	Prairie Fleabane	FACU																						
<i>Euonymus alatus</i>	Winged Euonymus	UPL																						
<i>Euonymus europaeus</i>	European Spindle Tree	UPL																						
<i>Euonymus hederaceus</i>	Climbing Euonymus	UPL																						
<i>Eupatorium altissimum</i>	Tall Boneset	UPL														X								
<i>Eupatorium perfoliatum</i>	Common Boneset	OBL											X				X		X	X	X		X	
<i>Eupatorium serotinum</i>	Late-Flowering Thoroughwort	FAC		X	X	X		X									X							
<i>Euphorbia corollata</i>	Flowering Spurge	UPL					X																	
<i>Euphorbia hexagona</i>	Mexican-Fireplant	FACU																						
<i>Euthamia graminifolia</i>	Flat-Top Goldentop	FACW		X	X		X	X		X	X		X			X			X	X	X		X	X
<i>Euthamia gymnospermoides</i>	Texas Goldentop	FACW																						
<i>Eutrochium fistulosum</i>	Trumpetweed	OBL		X			X	X		X	X		X						X	X			X	X
<i>Eutrochium maculatum</i>	Spotted Trumpetweed	OBL																		X				
<i>Eutrochium purpureum</i>	Sweet-Scented Joe-Pye-Weed	FAC															X				X			

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Appendix F Floristic Quality Assessment Inventory for Wetlands 35-1 through 42-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W35-1	W36-1	W36-2	W36-3	W36-4	W36-5	W37-1 W37-2	W37-3	W37-4 W37-5	W38-1	W38-2	W38-3	W39-1	W39-3	W39-4	W40-3	W41-1	W41-2	W41-3	W42-1	W42-2
<i>Fagus grandifolia</i>	American Beech	FACU																						
<i>Fallopia convolvulus</i>	Black-Bindweed	FACU																						
<i>Fallopia dumetorum</i> *																								
<i>Fallopia scandens</i>	Climbing Black-Bindweed	FAC		X									X											
<i>Festuca filiformis</i>	Slender Fescue	UPL																						
<i>Festuca rubra</i>	Red Fescue	FACU																						
<i>Fragaria virginiana</i>	Virginia Strawberry	FACU																						
<i>Frangula alnus</i>	Glossy False Buckthorn	FACW		X		X		X																
<i>Fraxinus pennsylvanica</i>	Green Ash	FACW		X						X		X	X		X	X	X		X	X	X	X	X	X
<i>Galium aparine</i>	Sticky-Willy	FACU																						
<i>Galium tinctorium</i>	Stiff Marsh Bedstraw	OBL												X										
<i>Gentianopsis virgata</i>	Lesser Fringed-Gentian	OBL																						
<i>Geum canadense</i>	White Avens	FAC																						
<i>Geum laciniatum</i> var. <i>trichocarpum</i>	Rough Avens	FACW																		X				
<i>Glechoma hederacea</i>	Groundivy	FACU																						
<i>Gleditsia tricanthos</i>	Honey-Locust	FACU																						
<i>Glyceria canadensis</i>	Rattlesnake Manna Grass	OBL						X												X				
<i>Glyceria striata</i>	Fowl Manna Grass	OBL																			X			
<i>Hackelia virginiana</i>	Beggar's-Lice	FACU				X																		
<i>Hamamelis virginiana</i>	American Witch-Hazel	FACU																X						
<i>Hedera helix</i>	English Ivy	UPL																						
<i>Helenium autumnale</i>	Fall Sneezeweed	FACW																						
<i>Helianthus divaricatus</i>	Woodland Sunflower	UPL																						
<i>Helianthus giganteus</i>	Giant Sunflower	FACW																	X	X				
<i>Helianthus grosseserratus</i>	Saw-Tooth Sunflower	FACW											X											
<i>Helianthus hirsutus</i>	Hispid Sunflower	UPL																						
<i>Helianthus petiolaris</i>	Petioled Sunflower	UPL																						
<i>Helianthus salicifolius</i>	Willow-Leaf Sunflower	UPL											X											
<i>Helianthus tuberosus</i>	Jerusalem-Artichoke	FACU																						
<i>Helianthus X cinereus</i> *													X											
<i>Helianthus X laetiflorus</i> *																								
<i>Heterotheca subaxillaris</i> ⁴	Camphorweed	UPL																						
<i>Hordeum jubatum</i>	Fox-Tail Barley	FAC																						
<i>Hypericum canadense</i>	Lesser Canadian St. John's-Wort	FACW																						
<i>Hypericum kalmianum</i> ⁵	Kalm's St. John's-Wort	FACW						X ⁵																
<i>Hypericum perforatum</i>	Common St. John's-Wort	FACU																	X					

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Appendix F Floristic Quality Assessment Inventory for Wetlands 35-1 through 42-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W35-1	W36-1	W36-2	W36-3	W36-4	W36-5	W37-1 W37-2	W37-3	W37-4 W37-5	W38-1	W38-2	W38-3	W39-1	W39-3	W39-4	W40-3	W41-1	W41-2	W41-3	W42-1	W42-2
<i>Hypericum punctatum</i>	Spotted St. John's-Wort	FAC																						
<i>Hypericum sp.</i>																								
<i>Hypericum sphaerocarpum</i>	Round-Seed St. John's-Wort	FACU																						
<i>Ilex opaca</i> *																								
<i>Ilex verticillata</i>	Common Winterberry	FACW																						
<i>Impatiens capensis</i>	Spotted Touch-Me-Not	FACW		X						X	X	X				X	X		X	X			X	
<i>Ipomoea lacunosa</i>	Whitestar	FACW																	X					
<i>Ipomoea pandurata</i>	Man-of-the-Earth	FACU																						
<i>Ipomoea purpurea</i>	Common Morning-Glory	FACU																						
<i>Iris sp.</i>																		X						
<i>Iris virginica</i> var. <i>shrevei</i>	Virginia Blueflag	OBL																				X		
<i>Juglans nigra</i>	Black Walnut	FACU																						
<i>Juncus acuminatus</i>	Knotty-Leaf Rush	OBL																						X
<i>Juncus anthelatus</i>	Kentucky Rush	FACW																						X
<i>Juncus brachycarpus</i>	White-Root Rush	FACW						X																
<i>Juncus canadensis</i>	Canadian Rush	OBL																		X				
<i>Juncus dudleyi</i>	Dudley's Rush	FACW																						X
<i>Juncus effusus</i> ssp. <i>solutus</i>	Lamp Rush	OBL			X			X					X	X					X	X	X	X	X	X
<i>Juncus interior</i>	Inland Rush	FAC																		X				
<i>Juncus marginatus</i>	Bog Rush	FACW																						
<i>Juncus nodosus</i>	Knotted Rush	OBL																						
<i>Juncus scirpoiodes</i>	Needle-Pod Rush	FACW																						
<i>Juncus sp.</i>																								
<i>Juncus torreyi</i>	Torrey's Rush	FACW																						
<i>Juniperus virginiana</i>	Eastern Red-Cedar	FACU																						
<i>Kochia scoparia</i>	Cypressbush	UPL																						
<i>Krigia virginica</i>	Virginia Dwarf-Dandelion	UPL																						
<i>Lactuca biennis</i>	Wild Blue Lettuce	FAC																						
<i>Lactuca canadensis</i>	Canadian Blue Lettuce	FACU																						
<i>Lactuca serriola</i>	Prickly Lettuce	FACU																						
<i>Lamium purpureum</i>	Purple Dead Nettle	UPL																						
<i>Laportea canadensis</i>	Canadian Wood-Nettle	FACW																						
<i>Leersia oryzoides</i>	Rice Cut Grass	OBL								X														
<i>Lemna minor</i>	Common Duckweed	OBL																X						
<i>Leonurus cardiaca</i>	Motherwort	UPL																						
<i>Lepidium campestre</i>	Field Pepperwort	UPL																						

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Appendix F Floristic Quality Assessment Inventory for Wetlands 35-1 through 42-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W35-1	W36-1	W36-2	W36-3	W36-4	W36-5	W37-1 W37-2	W37-3	W37-4 W37-5	W38-1	W38-2	W38-3	W39-1	W39-3	W39-4	W40-3	W41-1	W41-2	W41-3	W42-1	W42-2
<i>Lepidium densiflorum</i>	Miner's Pepperwort	FAC																						
<i>Lepidium virginicum</i>	Poorman's-Pepperwort	FACU																						
<i>Leptochloa acuminata</i>	Salt Meadow Grass	UPL																						
<i>Lespedeza capitata</i>	Round-Head Bush-Clover	FACU																						
<i>Lespedeza hirta</i>	Hairy Bush-Clover	UPL																						
<i>Leucanthemum vulgare</i>	Ox-Eye Daisy	UPL																						
<i>Liatris aspera</i>	Rough Gayfeather	UPL																		X				
<i>Liatris cylindracea</i>	Cylindrical Gayfeather	UPL																						
<i>Ligustrum obtusifolium</i>	Blunt-Leaf Privet	UPL																						
<i>Ligustrum vulgare</i>	European Privet	FACU			X																X			
<i>Lilium michiganense</i> ⁶	Michigan Lily	FACW											X ⁶										X ⁶	
<i>Linaria vulgaris</i> ⁷	Butter-and-Eggs	UPL																						
<i>Lindera benzoin</i>	Northern Spicebush	FACW		X															X	X	X	X		
<i>Liriodendron tulipifera</i>	Tuliptree	FACU															X		X	X	X	X		X
<i>Lobelia cardinalis</i>	Cardinal-Flower	OBL																	X					
<i>Lobelia siphilitica</i>	Great Blue Lobelia	OBL						X													X			
<i>Lolium perenne ssp. multiflorum</i>	Perennial Rye Grass	FACU		X																				
<i>Lonicera japonica</i>	Japanese Honeysuckle	FACU																						
<i>Lonicera maackii</i>	Amur Honeysuckle	UPL																						
<i>Lonicera morrowii</i>	Morrow's Honeysuckle	FACU																						
<i>Lonicera sp.</i>				X		X										X		X						
<i>Lonicera sp./Ligustrum sp.</i> ⁸																								
<i>Lonicera tatarica</i>	Twinsisters	FACU		X																				
<i>Lonicera X notha</i> *		UPL																						
<i>Lonicera X xylosteoides</i> *		UPL																						
<i>Lonicera xylosteum</i>	European Fly Honeysuckle	UPL																						
<i>Ludwigia alternifolia</i>	Seedbox	OBL						X												X				
<i>Ludwigia palustris</i>	Globe-Fruit Primrose-Willow	OBL																						
<i>Lycopus americanus</i>	Cut-Leaf Water-Horehound	OBL				X		X					X				X		X	X				
<i>Lysimachia lanceolata</i>	Lance-Leaf Yellow-Loosestrife	FAC																						
<i>Lysimachia quadrifolia</i>	Whorled Yellow-Loosestrife	FACU																						
<i>Lysimachia terrestris</i>	Swampcandles	OBL																						
<i>Lythrum salicaria</i> ⁹	Purple Loosestrife	OBL		X	X	X		X			X	X	X			X	X		X	X	X		X	X ⁹
<i>Maianthemum canadense</i>	False Lily-of-the-Valley	FAC																						
<i>Maianthemum racemosum</i>	Feathery False Solomon's-Seal	FACU																						
<i>Medicago lupulina</i>	Black Medick	FACU																						

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Appendix F Floristic Quality Assessment Inventory for Wetlands 35-1 through 42-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W35-1	W36-1	W36-2	W36-3	W36-4	W36-5	W37-1 W37-2	W37-3	W37-4 W37-5	W38-1	W38-2	W38-3	W39-1	W39-3	W39-4	W40-3	W41-1	W41-2	W41-3	W42-1	W42-2
<i>Melilotus albus</i>	White Sweet-Clover	UPL																		X				
<i>Melilotus officinalis</i>	Yellow Sweet-Clover	FACU																						
<i>Mentha spicata</i>	Spearmint	FACW																						
<i>Mimulus ringens</i>	Allegheny Monkey-Flower	OBL			X								X						X	X				
<i>Mirabilis nyctaginea</i>	Wild Four-O'clock	UPL																						
<i>Monarda fistulosa</i>	Oswego-Tea	FACU					X												X				X	X
<i>Monarda punctata</i>	Spotted Beebalm	UPL																						
<i>Morus alba</i>	White Mulberry	FAC										X												
<i>Morus rubra</i>	Red Mulberry	FACU																						
<i>Muhlenbergia asperifolia</i>	Alkali Muhly	FACW																						
<i>Muhlenbergia racemosa</i>	Green Muhly	FACW																						
<i>Muhlenbergia sobolifera</i>	Rock Muhly	UPL									X													
<i>Muscari botryoides</i>	Grape Hyacinth	UPL																						
<i>Myriophyllum exalbescens</i>	Tiny Mousetail	FACW																						
<i>Nabalus albus</i>	White Rattlesnake-Root	FACU																						
<i>Narcissus pseudo-narcissus</i>	Daffodil	UPL																						
<i>Narcissus X medioluteus*</i>		UPL																						
<i>Nepeta cataria</i>	Catnip	FACU																						
<i>Nymphaea odorata</i>	American White Water-Lily	OBL																						
<i>Nyssa sylvatica</i>	Black Tupelo	FAC																			X			
<i>Oenothera biennis</i>	King's-Cureall	FACU					X										X			X			X	X
<i>Onoclea sensibilis</i>	Sensitive Fern	FACW			X	X	X	X		X		X	X	X	X				X	X	X	X	X	
<i>Opuntia humifusa</i>	Common Prickly-Pear	UPL		X																				
<i>Ornithogalum umbellatum</i>	Star-of-Bethlehem	UPL																						
<i>Osmorhiza longistylis</i>	Aniseroot	FACU																						
<i>Osmunda cinnamomea</i>	Cinnamon Fern	FACW											X				X					X		
<i>Osmunda spectabilis</i>	Royal Fern	OBL				X		X	X		X	X	X				X		X	X		X		
<i>Ostrya virginiana</i>	Eastern Hop-Hornbeam	FACU																			X			
<i>Oxalis stricta</i>	Upright Yellow Wood-Sorrel	FACU																						
<i>Oxypolis rigidior</i>	Stiff Cowbane	OBL																		X				
<i>Packera glabella</i>	Cress-Leaf Groundsel	FACW																						
<i>Panax trifolius</i>	Dwarf Ginseng	UPL																						
<i>Panicum capillare</i>	Common Panic Grass	FAC				X							X											
<i>Panicum flexile</i>	Wiry Panic Grass	FACW																						
<i>Panicum philadelphicum</i>	Philadelphia Panic Grass	FACW																						
<i>Panicum sp.</i>																								

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Appendix F Floristic Quality Assessment Inventory for Wetlands 35-1 through 42-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W35-1	W36-1	W36-2	W36-3	W36-4	W36-5	W37-1 W37-2	W37-3	W37-4 W37-5	W38-1	W38-2	W38-3	W39-1	W39-3	W39-4	W40-3	W41-1	W41-2	W41-3	W42-1	W42-2
<i>Panicum virgatum</i>	Wand Panic Grass	FAC									X		X			X								
<i>Parthenocissus quinquefolia</i>	Virginia-Creeper	FACU		X						X						X								
<i>Paspalum setaceum</i>	Slender Crown Grass	FACU																						
<i>Penthorum sedoides</i>	Ditch-Stonecrop	OBL																	X					
<i>Persicaria amphibia</i>	Water Smartweed	OBL								X														
<i>Persicaria hydropiperoides</i>	Swamp Smartweed	OBL																						
<i>Persicaria lapathifolia</i>	Dock-Leaf Smartweed	FACW				X																		
<i>Persicaria maculosa</i>	Lady's-Thumb	FACW																						
<i>Persicaria punctata</i>	Dotted Smartweed	OBL			X	X																		
<i>Persicaria satittata</i>	Arrow-Leaf Tearthumb	OBL		X	X			X		X	X		X			X			X	X			X	
<i>Persicaria virginiana</i>	Jumpseed	FAC		X					X															
<i>Phalaris arundinacea</i>	Reed Canary Grass	FACW		X						X		X		X	X	X	X	X		X	X	X	X	
<i>Phlox paniculata</i>	Fall Phlox	FACU																						
<i>Phragmites australis ssp. australis</i>	Common Reed	FACW		X		X				X	X		X			X			X	X	X	X		
<i>Physalis heterophylla</i>	Clammy Ground-Cherry	UPL																						
<i>Physocarpus opulifolius</i>	Atlantic Ninebark	FACW																						
<i>Physostegia virginiana</i>	Obedient-Plant	FACW																						
<i>Phytolacca americana</i>	American Pokeweed	FACU																						
<i>Picea abies</i>	Norway Spruce	UPL																						
<i>Pilea pumila</i>	Canadian Clearweed	FACW																						
<i>Pinus strobus</i>	Eastern White Pine	FACU																						
<i>Plantago lanceolata</i>	English Plantain	FACU																						
<i>Plantago rugelii</i>	Black-Seed Plantain	FAC																						
<i>Platanus occidentalis</i>	American Sycamore	FACW																						
<i>Podophyllum peltatum</i>	May-Apple	FACU																						
<i>Poinsettia dentata</i>	Wild Poinsettia	UPL																						
<i>Polanisia graveolens</i>	Clammyweed	UPL																						
<i>Polygonatum canaliculatum</i>	King Solomon's-Seal	FACU																						
<i>Populus deltoides</i>	Eastern Cottonwood	FAC		X		X															X			
<i>Populus tremuloides</i>	Quaking Aspen	FAC				X																		
<i>Potentilla norvegica</i>	Norwegian Cinquefoil	FAC																						
<i>Potentilla recta</i>	Sulfur Cinquefoil	UPL																						
<i>Prunella vulgaris ssp. lanceolata</i>	Common Selfheal	FAC																						
<i>Prunus americana</i>	American Plum	UPL																						
<i>Prunus pensylvanica</i>	Fire Cherry	FACU																						
<i>Prunus serotina</i>	Black Cherry	FACU																			X			

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Appendix F Floristic Quality Assessment Inventory for Wetlands 35-1 through 42-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W35-1	W36-1	W36-2	W36-3	W36-4	W36-5	W37-1 W37-2	W37-3	W37-4 W37-5	W38-1	W38-2	W38-3	W39-1	W39-3	W39-4	W40-3	W41-1	W41-2	W41-3	W42-1	W42-2
<i>Prunus</i> sp.																								
<i>Prunus virginiana</i>	Choke Cherry	FACU											X											
<i>Pseudognaphalium obtusifolium</i>	Sweet Everlasting	UPL					X																	
<i>Ptelea trifoliata</i>	Common Hoptree	FACU																						
<i>Pteridium aquilinum</i> var. <i>latiusculum</i>	Northern Bracken Fern	FACU					X		X	X									X	X				
<i>Pycnanthemum tenuifolium</i>	Narrow-Leaf Mountain-Mint	FAC																						
<i>Pycnanthemum virginianum</i>	Virginia Mountain-Mint	FACW																						
<i>Pyrus calleryana</i>	Ornamental Pear	UPL																						
<i>Quercus alba</i>	Northern White Oak	FACU																			X	X		
<i>Quercus bicolor</i>	Swamp White Oak	FACW																						
<i>Quercus palustris</i>	Pin Oak	FACW		X					X								X			X				
<i>Quercus rubra</i>	Northern Red Oak	FACU																			X	X		
<i>Quercus velutina</i>	Black Oak	UPL																						
<i>Quercus</i> X <i>buschii</i> *																								
<i>Quercus</i> X <i>hawkinsiae</i> *		UPL																						
<i>Ranunculus arbortivus</i>	Tall Buttercup	FAC																						
<i>Ranunculus recurvatus</i>	Blisterwort	FACW																						
<i>Ratibida pinnata</i>	Yellow Coneflower	UPL																						
<i>Reynoutria japonica</i>	Japanese-Knotweed	FACU																						
<i>Reynoutria japonica</i>	Japanese-Knotweed	FACU																						
<i>Rhamnus cathartica</i>	European Buckthorn	FAC																			X			
<i>Rhamnus davurica</i>	Dahurian Buckthorn	UPL																						
<i>Rhamnus lanceolata</i>	Lance-Leaf Buckthorn	FACW											X											
<i>Rhus aromatica</i>	Fragrant Sumac	UPL																						
<i>Rhus copallinum</i>	Winged Sumac	UPL					X																	X
<i>Rhus glabra</i>	Smooth Sumac	UPL																						
<i>Rhus typhina</i>	Staghorn Sumac	UPL											X											
<i>Ribes americanum</i>	Wild Black Currant	FACW																						
<i>Ribes cynosbati</i>	Eastern Prickly Gooseberry	FAC																						
<i>Ribes lacustre</i>	Hairy-Stem Gooseberry	FACW																						
<i>Ribes rubrum</i> ¹⁰	Red Currant	UPL																						
<i>Ribes</i> sp.																		X						
<i>Robinia pseudoaccacia</i>	Black Locust	FACU																						
<i>Rosa carolina</i>	Carolina Rose	FACU																						
<i>Rosa gallica</i>	French Rose	UPL																						
<i>Rosa multiflora</i>	Rambler Rose	FACU											X				X		X		X			

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Appendix F Floristic Quality Assessment Inventory for Wetlands 35-1 through 42-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W35-1	W36-1	W36-2	W36-3	W36-4	W36-5	W37-1 W37-2	W37-3	W37-4 W37-5	W38-1	W38-2	W38-3	W39-1	W39-3	W39-4	W40-3	W41-1	W41-2	W41-3	W42-1	W42-2
<i>Rosa palustris</i>	Swamp Rose	OBL		X				X					X							X				
<i>Rubus alleghiensis</i>	Allegheny Blackberry	FACU						X					X							X				
<i>Rubus frondosus</i>	Blackberry	UPL						X																
<i>Rubus hispidus</i>	Bristly Dewberry	FACW					X													X				
<i>Rubus idaeus ssp. strigosus</i>	Common Red Raspberry	FACU											X										X	
<i>Rubus occidentalis</i>	Black Raspberry	UPL														X								
<i>Rubus pubescens</i>	Dwarf Red Raspberry	FACW																						
<i>Rubus sp.</i>				X						X	X				X					X			X	
<i>Rubus wheeleri</i>	Wheeler's Blackberry	FAC													X									
<i>Rubus X neglectus</i>																								X
<i>Rudbeckia hirta</i>	Black-Eyed-Susan	FACU																		X				
<i>Rudbeckia laciniata</i>	Green-Head Coneflower	FACW																		X				
<i>Rumex crispus</i>	Curly Dock	FAC																					X	
<i>Rumex obtusifolius</i>	Bitter Dock	FACW																						
<i>Salix discolor</i>	Pussy Willow	FACW																						
<i>Salix interior</i>	Sandbar Willow	FACW																					X	
<i>Salix myricoides</i>	Bayberry Willow	FACW		X							X										X	X		
<i>Salix nigra</i>	Black Willow	OBL		X		X															X			
<i>Salix pedicellaris</i>	Bog Willow	OBL																						
<i>Salix petiolaris</i>	Meadow Willow	OBL																						
<i>Salix X pendulina*</i>		FACW											X											
<i>Salix X sepulcralis*</i>		FACW																						
<i>Sambucus nigra ssp. canadensis</i>	Black Elder	FACW				X				X		X				X			X					
<i>Sanicula odorata</i>	Clustered Black-Snakeroot	FAC																						
<i>Saponaria officinalis</i>	Bouncing-Bett	FACU																						
<i>Sassafras albidum</i>	Sassafras	FACU											X				X			X	X			
<i>Schedonorus pratensis</i>	Meadow Fescue	FACU																						
<i>Schizachyrium scoparium</i>	Little False Bluestem	FACU					X																	X
<i>Schoenoplectus pungens</i>	Three-Square	OBL																						
<i>Scirpus atrovirens</i>	Dark-Green Bulrush	OBL						X					X						X	X	X		X	X
<i>Scirpus cyperinus</i>	Cottongrass Bulrush	OBL		X	X	X		X	X				X				X		X	X		X	X	
<i>Scutellaria latifolia</i>	Mad Dog Skullcap	OBL																						
<i>Securigera varia</i>	Crown Vetch	UPL																						
<i>Senecio hieraciifolius</i>	American Burnweed	FAC			X	X		X			X		X						X	X			X	
<i>Setaria faberi</i>	Japanese Bristle Grass	FACU																						
<i>Setaria pumila</i>	Yellow Bristle Grass	FAC		X																				

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Appendix F Floristic Quality Assessment Inventory for Wetlands 35-1 through 42-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W35-1	W36-1	W36-2	W36-3	W36-4	W36-5	W37-1 W37-2	W37-3	W37-4 W37-5	W38-1	W38-2	W38-3	W39-1	W39-3	W39-4	W40-3	W41-1	W41-2	W41-3	W42-1	W42-2
<i>Sicyos angulatus</i>	One-Seed Burr-Cucumber	FACW																						
<i>Sium suave</i>	Hemlock Water-Parsnip	OBL																X						
<i>Smilax hispida</i>	Chinaroot	FAC																						
<i>Smilax lasioneura</i>	Illinois Carrion Flower	UPL																						
<i>Smilax rotundifolia</i>	Horsebrier	FAC											X				X		X	X				
<i>Smilax sp.</i>																								
<i>Solanum carolinense</i>	Carolina Horse-Nettle	FACU					X																	
<i>Solanum dulcamara</i>	Climbing Nightshade	FAC			X					X		X					X		X	X				
<i>Solidago altissima</i>	Tall Goldenrod	FACU			X	X	X	X			X		X			X	X		X	X			X	
<i>Solidago canadensis</i>	Canadian Goldenrod	FACU															X							
<i>Solidago gigantea</i>	Late Goldenrod	FACW		X		X				X	X													
<i>Solidago glaberrima</i>	Eastern Missouri Goldenrod	UPL																						
<i>Solidago juncea</i>	Early Goldenrod	UPL						X																
<i>Solidago patula</i>	Round-Leaf Goldenrod	OBL																						
<i>Solidago rigida</i>	Hard-Leaf Flat-Top-Goldenrod	FACU						X																
<i>Solidago rigidiuscula</i>	Prairie Goldenrod	UPL																						
<i>Solidago rugosa</i>	Wrinkle-Leaf Goldenrod	FAC					X	X					X							X		X	X	X
<i>Solidago sp.</i>															X									
<i>Solidago speciosa</i>	Showy Goldenrod	UPL																						
<i>Solidago uliginosa</i>	Bog Goldenrod	OBL																						
<i>Sonchus arvensis ssp. uliginosus</i>	Field Sow-Thistle	FACU																						
<i>Sonchus asper</i>	Spiny-Leaf Sow-Thistle	FACU																						
<i>Sonchus oleraceus</i>	Common Sow-Thistle	FACU																						
<i>Sorghastrum nutans</i>	Yellow Indian Grass	FACU											X			X								
<i>Sorghum halpense</i>	Johnson Grass	FACU																		X				
<i>Sparganium sp.</i>																								
<i>Spartina pectinata</i>	Freshwater Cord Grass	FACW																						
<i>Spiraea alba</i>	White Meadowsweet	FACW						X																
<i>Spiraea tomentosa</i>	Steeplebush	FACW									X		X											X
<i>Stachys hispida</i>	Lamb's-Ears	UPL																						
<i>Stachys pilosa</i>	Hairy Hedge-Nettle	FACW																X	X			X		
<i>Stellaria media</i>	Common Chickweed	FACU																						
<i>Symphoricarpos albus var. laevigatus</i>	Common Snowberry	FACU																						
<i>Symphoricarpos occidentalis</i>	Western Snowberry	UPL																						
<i>Symphyotrichum laeve</i>	Smooth Blue American-Aster	FACU											X							X				
<i>Symphyotrichum lanceolatum</i>	White Panicked American-Aster	FAC											X											

*Indicates species, varieties or hybrids not included in the Chicago Region Floristic Quality Assessment Calculator database (Herman et al 2013).

Appendix F Floristic Quality Assessment Inventory for Wetlands 35-1 through 42-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W35-1	W36-1	W36-2	W36-3	W36-4	W36-5	W37-1 W37-2	W37-3	W37-4 W37-5	W38-1	W38-2	W38-3	W39-1	W39-3	W39-4	W40-3	W41-1	W41-2	W41-3	W42-1	W42-2
<i>Symphyotrichum lateriflorum</i>	Farewell-Summer	FACW															X					X		
<i>Symphyotrichum ontarionis</i>	Ontario American-Aster	FAC																						
<i>Symphyotrichum parviceps</i>	Small White Aster	UPL																						
<i>Symphyotrichum pilosum</i>	White Oldfield American-Aster	FACU																						
<i>Symphyotrichum racemosum</i>	Fragile-Stem American-Aste	FACW											X											
<i>Symphyotrichum sp.</i>																		X						
<i>Symplocarpus foetidus</i>	Skunk-Cabbage	OBL												X	X			X				X		
<i>Taraxacum officinale</i>	Common Dandelion	FACU																						
<i>Teucrium canadense</i>	American Germander	FACW																						
<i>Thalictrum dasycarpum</i>	Purple Meadow-Rue	FACW																					X	
<i>Thelypteris palustris</i> var. <i>pubescens</i>	Eastern Marsh Fern	OBL			X	X	X	X			X		X							X			X	X
<i>Tilia americana</i>	American Basswood	FACU																						
<i>Toxicodendron radicans</i>	Eastern Poison-Ivy	FAC		X																	X	X		
<i>Tradescantia ohiensis</i>	Bluejacket	FACU						X					X						X	X			X	
<i>Tragopogon dubius</i>	Sand Goat’s-Beard	UPL																						
<i>Tridens flavus</i>	Purple-Top	UPL																		X				
<i>Trifolium hybridum</i>	Alsike Clover	FACU																						
<i>Trifolium pratense</i>	Red Clover	FACU																						
<i>Trillium grandifolium</i>	Large White Trillium	UPL																						
<i>Trillium recurvatum</i> ¹¹	Bloody-butcher	FACU																X ¹¹						
<i>Typha angustifolia</i> ¹²	Narrow-Leaf Cat-Tail	OBL			X ¹²	X ¹²						X ¹²	X ¹²				X ¹²		X ¹²	X ¹²				
<i>Typha latifolia</i> ¹²	Broad-Leaf Cat-Tail	OBL		X ¹²				X ¹²		X ¹²			X ¹²	X ¹²					X ¹²	X ¹²			X ¹²	X ¹²
<i>Typha x glauca</i> ¹²	Hybrid Cat-Tail	OBL																						
<i>Ulmus americana</i>	American Elm	FACW										X								X	X			
<i>Ulmus pumila</i>	Siberian Elm	UPL																						
<i>Ulmus rubra</i>	Slippery Elm	FAC																		X				
<i>Urtica dioica</i> ssp. <i>gracilis</i>	Tall Nettle	FACW								X		X						X						
<i>Vaccinium angustifolium</i>	Late Lowbush Blueberry	FACU																						
<i>Verbascum thapsus</i>	Woolly Mullein	UPL					X				X		X							X				
<i>Verbena hastata</i>	Simpler's-Joy	FACW			X			X		X	X		X						X	X			X	
<i>Verbena stricta</i>	Hoary Vervain	UPL				X																		
<i>Verbena urticifolia</i>	White Vervain	FAC																					X	
<i>Verbesina alternifolia</i>	Wingstem	FACW																						
<i>Vernonia fasciculata</i>	Prairie Ironweed	FACW																						
<i>Vernonia gigantea</i>	Smooth Tall Ironweed	FAC											X											
<i>Veronicastrum virginicum</i>	Culver's-Root	FAC																						

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Appendix F Floristic Quality Assessment Inventory for Wetlands 35-1 through 42-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W35-1	W36-1	W36-2	W36-3	W36-4	W36-5	W37-1 W37-2	W37-3	W37-4 W37-5	W38-1	W38-2	W38-3	W39-1	W39-3	W39-4	W40-3	W41-1	W41-2	W41-3	W42-1	W42-2
<i>Viburnum acerifolium</i>	Maple-Leaf Arrow-Wood	UPL																						
<i>Viburnum lentago</i>	Nanny-Berry	FAC																						
<i>Viburnum opulus</i> var. <i>opulus</i>	Highbush-Cranberry	FAC											X											
<i>Viburnum prunifolium</i>	Smooth Blackhaw	FACU																						
<i>Viburnum recognitum</i> ¹³	Smooth Arrow-Wood	FAC		X									X											
<i>Viburnum</i> sp.																								
<i>Vicia tetrasperma</i>	Four-Seed Vetch	UPL																						
<i>Vinca minor</i>	Common Periwinkle	UPL																						
<i>Viola sororia</i>	Hooded Blue Violet	FAC																						
<i>Vitis aestivalis</i>	Summer Grape	FACU			X							X	X						X	X			X	X
<i>Vitis labrusca</i>	Fox Grape	FACU		X		X	X	X		X			X						X	X			X	
<i>Vitis riparia</i>	River-Bank Grape	FACW				X		X		X			X				X							
<i>Vitis</i> sp.															X									
<i>Vitis vulpina</i>	Frost Grape	FAC																						
<i>Xanthium strumarium</i>	Rough Cocklebur	FAC																						
<i>Yucca smalliana</i>	Yucca	UPL																						
<i>Zanthoxylum americanum</i>	Toothachetree	FACU																						

1 *Ampelopsis brevipedunculata* has not previously been documented for Indiana; although there are scattered known occurrences from all bordering states. This species was field identified, so there are no voucher specimens against which to confirm the identification. Since there are no other vines with a similar leaf pattern, the account will be retained on the list as a questionable occurrence. This species was not identified from within any wetlands.

2 Changed *Asclepias lanuginosa* in the original report to *Asclepias longifolia* (=A. *hirtella*). This species was not identified from within any wetlands.

3 Although most of these sedges were identified as *Carex grayii*, the potential exists that some may have been the similar *Carex intumescens*. Because it is not possible at this time to determine which habitat units the correction should be made, the individual habitat occurrences have not been revised with the understanding that some of these could potentially be *Carex intumescens*.

4 Changed *Chrysopsis villosa* for habitat units H24 and H33 in the original report to *Heterotheca subaxillaris*. These individuals were not identified from within any wetlands.

5 Changed *Hypericum prolificum* in the original report to *Hypericum kalmianum* for wetland W36-4.

6 Changed *Lilium philadelphicum* var. *andinum* in the original report to *Lilium michiganense* for wetlands W38-1 and W42-1.

7 Changed *Agalinis aspera* for habitat unit H34 in the original report to *Linaria vulgaris*. This individual was not identified from within a wetland.

8 Changed *Shepherdia canadensis* for habitat unit H10 in the original report to *Lonicera* sp./ *Ligustrum* sp. This individual was not identified from within a wetland.

9 Changed *Trichostema dichotomum* in the original report to *Lythrum salicaria* for wetland W42-2.

10 Changed *Ribes triste* for habitat unit H25 in the original report to *Ribes rubrum*. This individual was not identified from within a wetland.

11 Changed *Trillium sessile* in the original report to *Trillium recurvatum* for wetland W39-4.

12 Although all of the cattails encountered within the project area were identified as either *Typha angustifolia* or *Typha latifolia*, several of these occurrences might have been the hydrid *Typha x glauca*. Because it is not possible at this time to determine which habitat units the correction should be made, the individual habitat occurrences have not been revised with the understanding that some of these could potentially be *Typha x glauca*.

13 Changed *Viburnum dentatum* in the original report to *Viburnum recognitum* for wetlands W56-4 and W56-5.

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Appendix F Floristic Quality Assessment Inventory for Wetlands 42-3 through 48-6 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W42-3	W42-4	W42-5	W43-1	W43-2	W43-3	W44-2	W44-3	W44-4	W45-1	W45-2	W45-4	W45-5	W45-6	W45-7	W46-1	W46-3	W47-1	W48-2	W48-6
<i>Acalypha rhomboidea</i>	Common Three-Seed-Mercury	FACU																					
<i>Acer ginnala</i>	Amur Maple	UPL																					
<i>Acer negundo</i>	Ash-Leaf Maple	FAC																				X	
<i>Acer rubrum</i>	Red Maple	FAC			X							X											
<i>Acer saccharinum</i>	Silver Maple	FACW			X							X				X							
<i>Acer saccharum</i>	Sugar Maple	FACU			X												X	X					
<i>Achillea millefolium</i>	Common Yarrow	FACU		X																			
<i>Agalinis aspera</i>	Tall False Foxglove	FACU																					
<i>Agalinis skinneriana</i>	Skinner's False Foxglove	UPL	ST																				
<i>Agalinis tenuifolia</i>	Slender-Leaf False Foxglove	FACW																					
<i>Ageratina altissima</i>	White Snakeroot	FACU																			X		
<i>Agrimonia gryposepala</i>	Tall Hairy Grooveburr	FACU																					
<i>Agrimonia parviflora</i>	Harvestlice	FACW					X						X										
<i>Agrostis gigantea</i>	Black Bent	FACW																					
<i>Agrostis scabra</i>	Rough Bent	FAC																					
<i>Agrostis stolonifera</i>	Spreading Bent	FACW																					
<i>Ailanthus altissima</i>	Tree-of-Heaven	FACU																					
<i>Alisma subcordatum</i>	American Water-Plantain	OBL										X	X										
<i>Alliaria petiolata</i>	Garlic-Mustard	FAC																					
<i>Allium sp.</i>																							
<i>Allium tricoccum</i>	Ramp	FACU																					
<i>Allium vineale</i>	Crow Garlic	FACU																					
<i>Alnus incana</i>	Speckled Alder	FACW	WL									X											
<i>Alnus sp.</i>																							
<i>Alopecurus carolinianus</i>	Tufted Meadow-Foxtail	FACW																					
<i>Ambrosia artemisiifolia</i>	Annual Ragweed	FACU						X		X		X									X		
<i>Ambrosia trifida</i>	Great Ragweed	FAC																					
<i>Amelanchier interior</i>	Inland Service-Berry	UPL																					
<i>Amelanchier laevis</i>	Allegheny Service-Berry	UPL																					
<i>Amelanchier sp.</i>																							
<i>Ampelopsis brevipedunculata</i> ¹	Turquoise-Berry	UPL																					
<i>Amphicarpaea bracteata</i>	American Hog-Peanut	FAC																					
<i>Andropogon gerardii</i>	Big Bluestem	FAC		X						X			X									X	
<i>Andropogon virginicus</i>	Broom-Sedge	FACU																					
<i>Anemone quinquefolia</i>	Nightcaps	FAC																					
<i>Anemone virginiana</i>	Tall Thimbleweed	FACU		X																			

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Appendix F Floristic Quality Assessment Inventory for Wetlands 42-3 through 48-6 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W42-3	W42-4	W42-5	W43-1	W43-2	W43-3	W44-2	W44-3	W44-4	W45-1	W45-2	W45-4	W45-5	W45-6	W45-7	W46-1	W46-3	W47-1	W48-2	W48-6
<i>Apios americana</i>	Groundnut	FACW			X		X			X		X	X			X				X	X		
<i>Apocynum cannabinum</i>	Indian-Hemp	FAC							X		X		X									X	
<i>Arabis lyrata</i>	Mouse-Ear Cress	UPL																					
<i>Arctium lappa</i>	Great Burdock	UPL																				X	
<i>Aronia prunifolia</i>	Purple Chokeberry	FACW										X											
<i>Artemisia abrotanum</i>	Southern Wormwood	UPL																					
<i>Artemisia absinthium</i>	Common Wormwood	UPL		X																			
<i>Artemisia dracunculus</i>	False Tarragon	UPL																					
<i>Artemisia serrata</i>	Serrate-Leaf Sage	UPL																					
<i>Artemisia vulgaris</i>	Common Mugwort	UPL																		X			
<i>Asclepias incarnata</i>	Swamp Milkweed	OBL							X												X		
<i>Asclepias longifolia</i> ²	Tall Green Milkweed	UPL			-	-									-	-	-	-		-			
<i>Asclepias purpurascens</i>	Purple Milkweed	FACU																					
<i>Asclepias syriaca</i>	Common Milkweed	FACU		X						X	X											X	
<i>Asclepias tuberosa ssp. interior</i>	Butterfly-Weed	UPL																					
<i>Asclepias verticillata</i>	Whorled Milkweed	FACU																					
<i>Asclepias viridiflora</i>	Green Milkweed	UPL																					
<i>Asimina triloba</i>	Common Pawpaw	FAC																					
<i>Asparagus officinalis</i>	Asparagus	FACU																					
<i>Athyrium filix-femina ssp. angustum</i>	Subarctic Lady Fern	FAC										X											
<i>Berberis thunbergii</i>	Japanese Barberry	FACU			X																		
<i>Berteroa incana</i>	Hoary Alyssum	UPL																					
<i>Betula nigra</i>	River Birch	FACW																					
<i>Bidens bipinnata</i>	Spanish-Needles	FAC																					
<i>Bidens frondosa</i>	Devil's-Pitchfork	FACW																					
<i>Bidens sp.</i>																							
<i>Boehmeria cylindrica</i>	Small-Spike False Nettle	OBL										X											
<i>Bothriochloa laguroides</i>	Silver Beardgrass	UPL																					
<i>Bromus secalinus</i>	Smooth Chess	UPL																					
<i>Calamagrostis canadensis</i>	Bluejoint	OBL						X	X	X	X	X											
<i>Calamagrostis stricta</i>	Slim-Stem Reed Grass	FACW																					
<i>Calystegia sepium</i>	Hedge False Bindweed	FAC									X		X										
<i>Campsis radicans</i>	Trumpet-Creeper	FACU																					
<i>Cannabis sativa</i>	Hemp	FACU																					
<i>Cardamine parviflora var. arenicola</i>	Small-Flowered Bitter Cress	FAC																					
<i>Carex bebbii</i>	Bebb's Sedge	OBL	ST						X												X		

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Appendix F Floristic Quality Assessment Inventory for Wetlands 42-3 through 48-6 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W42-3	W42-4	W42-5	W43-1	W43-2	W43-3	W44-2	W44-3	W44-4	W45-1	W45-2	W45-4	W45-5	W45-6	W45-7	W46-1	W46-3	W47-1	W48-2	W48-6
<i>Carex brevior</i>	Short-Beak Sedge	FAC			X																		
<i>Carex crinita</i>	Fringed Sedge	OBL					X			X	X	X											
<i>Carex folliculata</i>	Northern Long Sedge	OBL	SR				X			X		X											
<i>Carex grayii</i> ³	Gray's Sedge	FACW					X ³	X ³	X ³	X ³	X ³	X ³							X ³				
<i>Carex intumescens</i> ³	Greater Bladder Sedge	FACW																					
<i>Carex lacustris</i>	Lakebank Sedge	OBL																					X
<i>Carex lurida</i>	Sallow Sedge	OBL						X	X	X	X	X			X								
<i>Carex sp.</i>																							
<i>Carex straminea</i>	Eastern Straw Sedge	OBL																					
<i>Carex suberecta</i>	Prairie Straw Sedge	OBL																					
<i>Carex tribuloides</i>	Blunt Broom Sedge	OBL																					
<i>Carex vulpinoidea</i>	Common Fox Sedge	FACW		X			X	X			X	X				X					X		
<i>Carya cordiformis</i>	Bitter-Nut Hickory	FACU																					
<i>Carya ovata</i>	Shag-Bark Hickory	FACU																					
<i>Carya sp.</i>																							
<i>Catalpa speciosa</i>	Northern Catalpa	FACU													X								
<i>Celastrus orbiculatus</i>	Asian Bittersweet	UPL						X			X	X									X		
<i>Celastrus scandens</i>	American Bittersweet	FACU																				X	
<i>Celtis occidentalis</i>	Common Hackberry	FAC																					
<i>Cenchrus longispinus</i>	Sand Bur	UPL																					
<i>Centaurea stoebe ssp. micranthos</i>	Spotted Knapweed	UPL		X																		X	
<i>Cephalanthus occidentalis</i>	Common Buttonbush	OBL																	X				
<i>Cercis canadensis</i>	Redbud	FACU			X											X							
<i>Chamaesyce humistrata</i>	Spreading Sandmat	FACW																					
<i>Chamaesyce maculata</i>	Spotted Sandmat	FACU																					
<i>Chamaesyce nutans</i>	Eyebane	FACU																					
<i>Chelidonium majus</i>	Celandine	UPL																					
<i>Chelone glabra</i>	White Turtlehead	OBL																					
<i>Chenopodium album</i>	Lamb's-Quarters	FACU																					
<i>Chenopodium leptophyllum</i>	Narrow-Leaf Goosefoot	FACU																					
<i>Chenopodium pratericola</i>	Nettle-Leaf Goosefoot	FACU																					
<i>Chondrilla juncea</i>	Rush Skeletonweed	UPL																					
<i>Chrysopsis villosa</i>	Prairie Golden Aster	UPL	ST																				
<i>Cichorium intybus</i>	Chicory	FACU																				X	
<i>Cicuta maculata</i>	Spotted Water-Hemlock	OBL										X											
<i>Cinna arundinacea</i>	Sweet Wood-Reed	FACW																					

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Appendix F Floristic Quality Assessment Inventory for Wetlands 42-3 through 48-6 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W42-3	W42-4	W42-5	W43-1	W43-2	W43-3	W44-2	W44-3	W44-4	W45-1	W45-2	W45-4	W45-5	W45-6	W45-7	W46-1	W46-3	W47-1	W48-2	W48-6
<i>Cirsium arvense</i>	Canadian Thistle	FACU										X									X	X	
<i>Cirsium discolor</i>	Field Thistle	FACU											X										
<i>Cirsium muticum</i>	Swamp Thistle	OBL																					
<i>Cirsium vulgare</i>	Bull Thistle	FACU																				X	
<i>Claytonia virginica</i>	Virginia Springbeauty	FACU																					
<i>Clematis virginiana</i>	Devil's-Darning-Needles	FAC										X											
<i>Coleataenia anceps</i>	Beaked Cut-Throat Grass	FACW		X																			
<i>Coleataenia longifolia</i>	Red-Top Cut-Throat Grass	FACW																					
<i>Coleataenia rigidula</i>	Red-Top Cut-Throat Grass	FACW						X															
<i>Commelina communis</i>	Asiatic Dayflower	FACU																					
<i>Convallaria majalis</i>	Lily-of-the-Valley	UPL																					
<i>Coreopsis lanceolata</i>	Lance-Leaf Tickseed	FACU																					
<i>Coreopsis tripteris</i>	Tall Tickseed	FAC									X												
<i>Cornus alba</i>	Red Osier	FACW											X			X	X	X	X	X			
<i>Cornus florida</i>	Flowering Dogwood	FACU																					
<i>Cornus obliqua</i>	Pale Dogwood	FACW											X										
<i>Cornus racemosa</i>	Gray Dogwood	FAC							X			X	X						X		X		
<i>Corylus americana</i>	American Hazelnut	FACU																					
<i>Crataegus macrosperma*</i>																							
<i>Crataegus phaenopyrum</i>	Washington Hawthorn	FAC								X													
<i>Crataegus pruinosa</i>	Frosted Hawthorn	UPL																					
<i>Crataegus sp.</i>																							
<i>Croton glandulosus var. septentrionalis</i>	Sand Croton	UPL																					
<i>Cuscuta gonovii</i>	Rope Dodder	UPL								X													
<i>Cyperus bipartitus</i>	Shining Flat Sedge	OBL																					
<i>Cyperus esculentus</i>	Chufa	FACW			X			X	X	X		X											
<i>Cyperus filiculmis</i>	Chufa	FACW																					
<i>Cyperus lupulinus</i>	Great Plains Flat Sedge	FACU																					
<i>Cyperus schweinitzii</i>	Sand Flat Sedge	FACU																					
<i>Cyperus strigosus</i>	Straw-Color Flat Sedge	FACW											X										
<i>Dactylis glomerata</i>	Orchard Grass	FACU																					
<i>Daucus carota</i>	Queen Anne’s Lace	UPL		X	X			X		X	X										X	X	
<i>Desmodium paniculatum</i>	Panicked-Leaf Tick-Trefoil	FACU																					
<i>Desmodium sessilifolium</i>	Sessile-Leaf Tick-Trefoil	UPL																					
<i>Dichanthelium clandestinum</i>	Deer-Tongue Rosette Grass	FACW					X	X		X	X	X	X			X							
<i>Digitaria sanguinalis</i>	Hairy Crab Grass	FACU																					

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Appendix F Floristic Quality Assessment Inventory for Wetlands 42-3 through 48-6 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W42-3	W42-4	W42-5	W43-1	W43-2	W43-3	W44-2	W44-3	W44-4	W45-1	W45-2	W45-4	W45-5	W45-6	W45-7	W46-1	W46-3	W47-1	W48-2	W48-6
<i>Dioscorea villosa</i>	Wild Yam	FAC					X		X	X	X												
<i>Dipsacus fullonum</i>	Fuller's Teasel	FACU																			X		
<i>Doellingeria umbellata</i>	Parasol White-Top	FACW										X	X										
<i>Draba verna</i>	Vernal Whitlow-Grass	UPL																					
<i>Dryopteris cristata</i>	Crested Wood Fern	OBL																					
<i>Dryopteris intermedia</i>	Evergreen Wood Fern	FAC																					
<i>Echinacea purpurea</i>	Purple Coneflower	UPL																					
<i>Echinochloa muricata</i>	Large Barnyard Grass	FACW						X				X	X										
<i>Elaeagnus angustifolia</i>	Russian-Olive	FACU									X												
<i>Elaeagnus umbellata</i>	Autumn-Olive	UPL			X								X				X			X	X	X	
<i>Eleusine indica</i>	Indian Goose Grass	FACU																					
<i>Elymus canadensis</i>	Nodding Wild Rye	FACU						X															
<i>Elymus riparius</i>	River-Bank Wild Rye	FACW		X																			
<i>Elymus virginicus</i>	Virginia Wild Rye	FACW										X											
<i>Epilobium coloratum</i>	Purple-Leaf Willowherb	OBL										X									X		
<i>Equisetum arvense</i>	Field Horsetail	FAC			X					X	X					X			X				
<i>Equisetum hyemale</i>	Tall Scouring-Rush	FACW										X											
<i>Equisetum laevigatum</i>	Smooth Scouring-Rush	FACW																					
<i>Eragrostis capillaris</i>	Lace Grass	UPL						X															
<i>Eragrostis spectabilis</i>	Purple Love Grass	UPL																					
<i>Erigeron annuus</i>	Eastern Daisy Fleabane	FACU																					
<i>Erigeron canadensis</i>	Canadian Horseweed	FACU																			X	X	
<i>Erigeron strigosus</i>	Prairie Fleabane	FACU																					
<i>Euonymus alatus</i>	Winged Euonymus	UPL																					
<i>Euonymus europaeus</i>	European Spindle Tree	UPL																					
<i>Euonymus hederaceus</i>	Climbing Euonymus	UPL																					
<i>Eupatorium altissimum</i>	Tall Boneset	UPL																			X		
<i>Eupatorium perfoliatum</i>	Common Boneset	OBL		X	X	X				X		X	X		X	X			X	X	X		
<i>Eupatorium serotinum</i>	Late-Flowering Thoroughwort	FAC																			X	X	
<i>Euphorbia corollata</i>	Flowering Spurge	UPL					X				X		X										
<i>Euphorbia hexagona</i>	Mexican-Fireplant	FACU																					
<i>Euthamia graminifolia</i>	Flat-Top Goldentop	FACW		X	X		X	X	X	X	X	X	X						X		X		
<i>Euthamia gymnospermoides</i>	Texas Goldentop	FACW																					
<i>Eutrochium fistulosum</i>	Trumpetweed	OBL					X	X	X	X	X	X	X								X		
<i>Eutrochium maculatum</i>	Spotted Trumpetweed	OBL																					
<i>Eutrochium purpureum</i>	Sweet-Scented Joe-Pye-Weed	FAC			X																		

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Appendix F Floristic Quality Assessment Inventory for Wetlands 42-3 through 48-6 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W42-3	W42-4	W42-5	W43-1	W43-2	W43-3	W44-2	W44-3	W44-4	W45-1	W45-2	W45-4	W45-5	W45-6	W45-7	W46-1	W46-3	W47-1	W48-2	W48-6
<i>Fagus grandifolia</i>	American Beech	FACU																					
<i>Fallopia convolvulus</i>	Black-Bindweed	FACU																					
<i>Fallopia dumetorum</i> *																							
<i>Fallopia scandens</i>	Climbing Black-Bindweed	FAC																			X		
<i>Festuca filiformis</i>	Slender Fescue	UPL																					
<i>Festuca rubra</i>	Red Fescue	FACU				X																	
<i>Fragaria virginiana</i>	Virginia Strawberry	FACU																					
<i>Frangula alnus</i>	Glossy False Buckthorn	FACW										X											
<i>Fraxinus pennsylvanica</i>	Green Ash	FACW			X	X	X	X	X	X	X	X	X			X				X	X		
<i>Galium aparine</i>	Sticky-Willy	FACU																					
<i>Galium tinctorium</i>	Stiff Marsh Bedstraw	OBL																					
<i>Gentianopsis virgata</i>	Lesser Fringed-Gentian	OBL																					
<i>Geum canadense</i>	White Avens	FAC																					
<i>Geum laciniatum</i> var. <i>trichocarpum</i>	Rough Avens	FACW																					
<i>Glechoma hederacea</i>	Groundivy	FACU																					
<i>Gleditsia tricanthos</i>	Honey-Locust	FACU																					
<i>Glyceria canadensis</i>	Rattlesnake Manna Grass	OBL										X											
<i>Glyceria striata</i>	Fowl Manna Grass	OBL			X	X						X											
<i>Hackelia virginiana</i>	Beggar's-Lice	FACU																			X		
<i>Hamamelis virginiana</i>	American Witch-Hazel	FACU																					
<i>Hedera helix</i>	English Ivy	UPL																					
<i>Helenium autumnale</i>	Fall Sneezeweed	FACW										X											
<i>Helianthus divaricatus</i>	Woodland Sunflower	UPL																					
<i>Helianthus giganteus</i>	Giant Sunflower	FACW		X				X		X													
<i>Helianthus grosseserratus</i>	Saw-Tooth Sunflower	FACW																					
<i>Helianthus hirsutus</i>	Hispid Sunflower	UPL		X																			
<i>Helianthus petiolaris</i>	Petioled Sunflower	UPL							X														
<i>Helianthus salicifolius</i>	Willow-Leaf Sunflower	UPL																					
<i>Helianthus tuberosus</i>	Jerusalem-Artichoke	FACU						X															
<i>Helianthus X cinereus</i> *																							
<i>Helianthus X laetiflorus</i> *																							
<i>Heterotheca subaxillaris</i> ⁴	Camphorweed	UPL																					
<i>Hordeum jubatum</i>	Fox-Tail Barley	FAC																					
<i>Hypericum canadense</i>	Lesser Canadian St. John's-Wort	FACW																					
<i>Hypericum kalmianum</i> ⁵	Kalm's St. John's-Wort	FACW																					
<i>Hypericum perforatum</i>	Common St. John's-Wort	FACU																					

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Appendix F Floristic Quality Assessment Inventory for Wetlands 42-3 through 48-6 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W42-3	W42-4	W42-5	W43-1	W43-2	W43-3	W44-2	W44-3	W44-4	W45-1	W45-2	W45-4	W45-5	W45-6	W45-7	W46-1	W46-3	W47-1	W48-2	W48-6
<i>Hypericum kalmianum</i>	Shrubby St. John's-Wort	FACU																					
<i>Hypericum punctatum</i>	Spotted St. John's-Wort	FAC																					
<i>Hypericum sp.</i>										X													
<i>Hypericum sphaerocarpum</i>	Round-Seed St. John's-Wort	FACU									X												
<i>Ilex opaca*</i>																							
<i>Ilex verticillata</i>	Common Winterberry	FACW			X								X										
<i>Impatiens capensis</i>	Spotted Touch-Me-Not	FACW			X					X	X	X	X		X				X		X	X	
<i>Ipomoea lacunosa</i>	Whitestar	FACW																					
<i>Ipomoea pandurata</i>	Man-of-the-Earth	FACU																					
<i>Ipomoea purpurea</i>	Common Morning-Glory	FACU																					
<i>Iris sp.</i>																							
<i>Iris virginica var. shrevei</i>	Virginia Blueflag	OBL										X			X								
<i>Juglans nigra</i>	Black Walnut	FACU																					
<i>Juncus acuminatus</i>	Knotty-Leaf Rush	OBL		X																			
<i>Juncus anthelatus</i>	Kentucky Rush	FACW																					
<i>Juncus brachycarpus</i>	White-Root Rush	FACW																					
<i>Juncus canadensis</i>	Canadian Rush	OBL		X																			
<i>Juncus dudleyi</i>	Dudley's Rush	FACW									X												
<i>Juncus effusus ssp. solutus</i>	Lamp Rush	OBL		X		X	X	X	X			X	X								X		
<i>Juncus interior</i>	Inland Rush	FAC							X	X	X												
<i>Juncus marginatus</i>	Bog Rush	FACW																					
<i>Juncus nodosus</i>	Knotted Rush	OBL											X										
<i>Juncus scirpoiodes</i>	Needle-Pod Rush	FACW																			X		
<i>Juncus sp.</i>																							
<i>Juncus torreyi</i>	Torrey's Rush	FACW											X										
<i>Juniperus virginiana</i>	Eastern Red-Cedar	FACU																				X	
<i>Kochia scoparia</i>	Cypressbush	UPL																					
<i>Krigia virginica</i>	Virginia Dwarf-Dandelion	UPL																					
<i>Lactuca biennis</i>	Wild Blue Lettuce	FAC										X											
<i>Lactuca canadensis</i>	Canadian Blue Lettuce	FACU																					
<i>Lactuca serriola</i>	Prickly Lettuce	FACU																					
<i>Lamium purpureum</i>	Purple Dead Nettle	UPL																					
<i>Laportea canadensis</i>	Canadian Wood-Nettle	FACW																					
<i>Leersia oryzoides</i>	Rice Cut Grass	OBL										X	X								X		
<i>Lemna minor</i>	Common Duckweed	OBL										X							X				
<i>Leonurus cardiaca</i>	Motherwort	UPL																					

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Appendix F Floristic Quality Assessment Inventory for Wetlands 42-3 through 48-6 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W42-3	W42-4	W42-5	W43-1	W43-2	W43-3	W44-2	W44-3	W44-4	W45-1	W45-2	W45-4	W45-5	W45-6	W45-7	W46-1	W46-3	W47-1	W48-2	W48-6
<i>Lepidium campestre</i>	Field Pepperwort	UPL																					
<i>Lepidium densiflorum</i>	Miner's Pepperwort	FAC																					
<i>Lepidium virginicum</i>	Poorman's-Pepperwort	FACU																					
<i>Leptochloa acuminata</i>	Salt Meadow Grass	UPL										X											
<i>Lespedeza capitata</i>	Round-Head Bush-Clover	FACU																					
<i>Lespedeza hirta</i>	Hairy Bush-Clover	UPL																					
<i>Leucanthemum vulgare</i>	Ox-Eye Daisy	UPL																			X		
<i>Liatris aspera</i>	Rough Gayfeather	UPL								X													
<i>Liatris cylindracea</i>	Cylindrical Gayfeather	UPL																					
<i>Ligustrum obtusifolium</i>	Blunt-Leaf Privet	UPL																					
<i>Ligustrum vulgare</i>	European Privet	FACU																					
<i>Lilium michiganense</i> ⁷	Michigan Lily	FACW																					
<i>Linaria vulgaris</i> ⁸	Butter-and-Eggs	UPL																				X	
<i>Lindera benzoin</i>	Northern Spicebush	FACW			X						X	X	X				X						
<i>Liriodendron tulipifera</i>	Tuliptree	FACU			X					X		X											
<i>Lobelia cardinalis</i>	Cardinal-Flower	OBL										X											
<i>Lobelia siphilitica</i>	Great Blue Lobelia	OBL										X				X							
<i>Lolium perenne ssp. multiflorum</i>	Perennial Rye Grass	FACU																					
<i>Lonicera japonica</i>	Japanese Honeysuckle	FACU																					
<i>Lonicera maackii</i>	Amur Honeysuckle	UPL																					
<i>Lonicera morrowii</i>	Morrow's Honeysuckle	FACU																					
<i>Lonicera sp.</i>																							
<i>Lonicera sp./Ligustrum sp.</i> ⁸																							
<i>Lonicera tatarica</i>	Twinsisters	FACU																					
<i>Lonicera X notha</i> *		UPL						X															
<i>Lonicera X xylosteoides</i> *		UPL																					
<i>Lonicera xylosteum</i>	European Fly Honeysuckle	UPL											X										
<i>Ludwigia alternifolia</i>	Seedbox	OBL									X		X										
<i>Ludwigiiia palustris</i>	Globe-Fruit Primrose-Willow	OBL										X											
<i>Lycopus americanus</i>	Cut-Leaf Water-Horehound	OBL								X		X	X								X		
<i>Lysimachia lanceolata</i>	Lance-Leaf Yellow-Loosestrife	FAC																					
<i>Lysimachia quadrifolia</i>	Whorled Yellow-Loosestrife	FACU											X										
<i>Lysimachia terrestris</i>	Swampcandles	OBL																					
<i>Lythrum salicaria</i>	Purple Loosestrife	OBL			X	X	X	X	X	X		X			X			X	X		X	X	X
<i>Maianthemum canadense</i>	False Lily-of-the-Valley	FAC																					
<i>Maianthemum racemosum</i>	Feathery False Solomon's-Seal	FACU																					

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Appendix F Floristic Quality Assessment Inventory for Wetlands 42-3 through 48-6 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W42-3	W42-4	W42-5	W43-1	W43-2	W43-3	W44-2	W44-3	W44-4	W45-1	W45-2	W45-4	W45-5	W45-6	W45-7	W46-1	W46-3	W47-1	W48-2	W48-6
<i>Medicago lupulina</i>	Black Medick	FACU																					
<i>Melilotus albus</i>	White Sweet-Clover	UPL																				X	
<i>Melilotus officinalis</i>	Yellow Sweet-Clover	FACU																					
<i>Mentha spicata</i>	Spearmint	FACW																					
<i>Mimulus ringens</i>	Allegheny Monkey-Flower	OBL				X		X	X	X		X											
<i>Mirabilis nyctaginea</i>	Wild Four-O'clock	UPL																					
<i>Monarda fistulosa</i>	Oswego-Tea	FACU					X	X					X										
<i>Monarda punctata</i>	Spotted Beebalm	UPL																					
<i>Morus alba</i>	White Mulberry	FAC																					
<i>Morus rubra</i>	Red Mulberry	FACU																		X			
<i>Muhlenbergia asperifolia</i>	Alkali Muhly	FACW																					
<i>Muhlenbergia racemosa</i>	Green Muhly	FACW																					
<i>Muhlenbergia sobolifera</i>	Rock Muhly	UPL																					
<i>Muscari botryoides</i>	Grape Hyacinth	UPL																					
<i>Myriophyllum exalbescens</i>	Tiny Mousetail	FACW																					
<i>Nabalus albus</i>	White Rattlesnake-Root	FACU																					
<i>Narcissus pseudo-narcissus</i>	Daffodil	UPL																					
<i>Narcissus X medioluteus*</i>		UPL																					
<i>Nepeta cataria</i>	Catnip	FACU																			X	X	
<i>Nymphaea odorata</i>	American White Water-Lily	OBL																					
<i>Nyssa sylvatica</i>	Black Tupelo	FAC										X											
<i>Oenothera biennis</i>	King's-Cureall	FACU		X																	X		
<i>Onoclea sensibilis</i>	Sensitive Fern	FACW			X	X	X	X	X	X	X	X	X							X	X		
<i>Opuntia humifusa</i>	Common Prickly-Pear	UPL																					
<i>Ornithogalum umbellatum</i>	Star-of-Bethlehem	UPL																					
<i>Osmorhiza longistylis</i>	Aniseroot	FACU																					
<i>Osmunda cinnamomea</i>	Cinnamon Fern	FACW			X							X				X		X		X			
<i>Osmunda spectabilis</i>	Royal Fern	OBL			X		X			X		X	X							X			
<i>Ostrya virginiana</i>	Eastern Hop-Hornbeam	FACU																					
<i>Oxalis stricta</i>	Upright Yellow Wood-Sorrel	FACU																					
<i>Oxypolis rigidior</i>	Stiff Cowbane	OBL					X	X		X													
<i>Packera glabella</i>	Cress-Leaf Groundsel	FACW																					
<i>Panax trifolius</i>	Dwarf Ginseng	UPL																					
<i>Panicum capillare</i>	Common Panic Grass	FAC									X		X		X						X		
<i>Panicum flexile</i>	Wiry Panic Grass	FACW																					
<i>Panicum philadelphicum</i>	Philadelphia Panic Grass	FACW																					

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Appendix F Floristic Quality Assessment Inventory for Wetlands 42-3 through 48-6 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W42-3	W42-4	W42-5	W43-1	W43-2	W43-3	W44-2	W44-3	W44-4	W45-1	W45-2	W45-4	W45-5	W45-6	W45-7	W46-1	W46-3	W47-1	W48-2	W48-6
<i>Panicum sp.</i>																							
<i>Panicum virgatum</i>	Wand Panic Grass	FAC									X												
<i>Parthenocissus quinquefolia</i>	Virginia-Creeper	FACU					X						X								X	X	
<i>Paspalum setaceum</i>	Slender Crown Grass	FACU																					
<i>Penthorum sedoides</i>	Ditch-Stonecrop	OBL										X	X										
<i>Persicaria amphibia</i>	Water Smartweed	OBL																					
<i>Persicaria hydropiperoides</i>	Swamp Smartweed	OBL										X											
<i>Persicaria lapathifolia</i>	Dock-Leaf Smartweed	FACW																					
<i>Persicaria maculosa</i>	Lady's-Thumb	FACW																			X		
<i>Persicaria punctata</i>	Dotted Smartweed	OBL										X	X								X		
<i>Persicaria satittata</i>	Arrow-Leaf Tearthumb	OBL						X	X	X	X	X	X		X						X		
<i>Persicaria virginiana</i>	Jumpseed	FAC										X									X		
<i>Phalaris arundinacea</i>	Reed Canary Grass	FACW			X	X	X	X	X		X	X	X		X		X	X	X	X			
<i>Phlox paniculata</i>	Fall Phlox	FACU																					
<i>Phragmites australis ssp. australis</i>	Common Reed	FACW			X	X		X	X	X		X	X	X	X	X	X				X	X	X
<i>Physalis heterophylla</i>	Clammy Ground-Cherry	UPL																					
<i>Physocarpus opulifolius</i>	Atlantic Ninebark	FACW													X								
<i>Physostegia virginiana</i>	Obedient-Plant	FACW											X										
<i>Phytolacca americana</i>	American Pokeweed	FACU					X																
<i>Picea abies</i>	Norway Spruce	UPL																					
<i>Pilea pumila</i>	Canadian Clearweed	FACW										X											
<i>Pinus strobus</i>	Eastern White Pine	FACU																					
<i>Plantago lanceolata</i>	English Plantain	FACU																					
<i>Plantago rugelii</i>	Black-Seed Plantain	FAC																					
<i>Platanus occidentalis</i>	American Sycamore	FACW																X					
<i>Podophyllum peltatum</i>	May-Apple	FACU																					
<i>Poinsettia dentata</i>	Wild Poinsettia	UPL											X										
<i>Polanisia graveolens</i>	Clammyweed	UPL																					
<i>Polygonatum canaliculatum</i>	King Solomon's-Seal	FACU																					
<i>Populus deltoides</i>	Eastern Cottonwood	FAC		X	X													X		X			
<i>Populus tremuloides</i>	Quaking Aspen	FAC			X							X						X					
<i>Potentilla norvegica</i>	Norwegian Cinquefoil	FAC																					
<i>Potentilla recta</i>	Sulfur Cinquefoil	UPL																					
<i>Prunella vulgaris ssp. lanceolata</i>	Common Selfheal	FAC		X																			
<i>Prunus americana</i>	American Plum	UPL																					
<i>Prunus pensylvanica</i>	Fire Cherry	FACU																					

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Appendix F Floristic Quality Assessment Inventory for Wetlands 42-3 through 48-6 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W42-3	W42-4	W42-5	W43-1	W43-2	W43-3	W44-2	W44-3	W44-4	W45-1	W45-2	W45-4	W45-5	W45-6	W45-7	W46-1	W46-3	W47-1	W48-2	W48-6
<i>Prunus serotina</i>	Black Cherry	FACU									X	X					X						
<i>Prunus sp.</i>																							
<i>Prunus virginiana</i>	Choke Cherry	FACU			X																		
<i>Pseudognaphalium obtusifolium</i>	Sweet Everlasting	UPL																					
<i>Ptelea trifoliata</i>	Common Hoptree	FACU																					
<i>Pteridium aquilinum var. latiusculum</i>	Northern Bracken Fern	FACU			X		X	X	X	X													
<i>Pycnanthemum tenuifolium</i>	Narrow-Leaf Mountain-Mint	FAC											X										
<i>Pycnanthemum virginianum</i>	Virginia Mountain-Mint	FACW																					
<i>Pyrus calleryana</i>	Ornamental Pear	UPL																			X		
<i>Quercus alba</i>	Northern White Oak	FACU			X																		
<i>Quercus bicolor</i>	Swamp White Oak	FACW																			X		
<i>Quercus palustris</i>	Pin Oak	FACW			X	X	X				X	X							X				
<i>Quercus rubra</i>	Northern Red Oak	FACU															X	X			X		
<i>Quercus velutina</i>	Black Oak	UPL																					
<i>Quercus X buschii*</i>																							
<i>Quercus X hawkinsiae*</i>		UPL																					
<i>Ranunculus arbortivus</i>	Tall Buttercup	FAC																					
<i>Ranunculus recurvatus</i>	Blisterwort	FACW																					
<i>Ratibida pinnata</i>	Yellow Coneflower	UPL																					
<i>Reynoutria japonica</i>	Japanese-Knotweed	FACU																					
<i>Reynoutria japonica</i>	Japanese-Knotweed	FACU																					
<i>Rhamnus cathartica</i>	European Buckthorn	FAC																					
<i>Rhamnus davurica</i>	Dahurian Buckthorn	UPL																					
<i>Rhamnus lanceolata</i>	Lance-Leaf Buckthorn	FACW																					
<i>Rhus aromatica</i>	Fragrant Sumac	UPL																					
<i>Rhus copallinum</i>	Winged Sumac	UPL											X										
<i>Rhus glabra</i>	Smooth Sumac	UPL																					
<i>Rhus typhina</i>	Staghorn Sumac	UPL																				X	
<i>Ribes americanum</i>	Wild Black Currant	FACW																			X		
<i>Ribes cynosbati</i>	Eastern Prickly Gooseberry	FAC																		X			
<i>Ribes lacustre</i>	Hairy-Stem Gooseberry	FACW																					
<i>Ribes rubrum</i> ⁹	Red Currant	UPL																					
<i>Ribes sp.</i>																							
<i>Robinia pseudoaccacia</i>	Black Locust	FACU		X																			
<i>Rosa carolina</i>	Carolina Rose	FACU																					
<i>Rosa gallica</i>	French Rose	UPL																					

*Indicates species, varieties or hybrids not included in the Chicago Region Floristic Quality Assessment Calculator database (Herman et al 2013).

Appendix F Floristic Quality Assessment Inventory for Wetlands 42-3 through 48-6 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W42-3	W42-4	W42-5	W43-1	W43-2	W43-3	W44-2	W44-3	W44-4	W45-1	W45-2	W45-4	W45-5	W45-6	W45-7	W46-1	W46-3	W47-1	W48-2	W48-6
<i>Rosa multiflora</i>	Rambler Rose	FACU			X							X	X				X				X		
<i>Rosa palustris</i>	Swamp Rose	OBL								X	X	X											
<i>Rubus alleghiensis</i>	Allegheny Blackberry	FACU			X				X	X	X									X			
<i>Rubus frondosus</i>	Blackberry	UPL															X						
<i>Rubus hispidus</i>	Bristly Dewberry	FACW								X	X												
<i>Rubus idaeus ssp. strigosus</i>	Common Red Raspberry	FACU																					
<i>Rubus occidentalis</i>	Black Raspberry	UPL											X										
<i>Rubus pubescens</i>	Dwarf Red Raspberry	FACW																					
<i>Rubus sp.</i>				X			X	X					X										
<i>Rubus wheeleri</i>	Wheeler's Blackberry	FAC																					
<i>Rubus X neglectus*</i>																							
<i>Rudbeckia hirta</i>	Black-Eyed-Susan	FACU		X				X					X										
<i>Rudbeckia laciniata</i>	Green-Head Coneflower	FACW						X		X													
<i>Rumex crispus</i>	Curly Dock	FAC																			X		
<i>Rumex obtusifolius</i>	Bitter Dock	FACW																					
<i>Salix discolor</i>	Pussy Willow	FACW										X											
<i>Salix interior</i>	Sandbar Willow	FACW													X			X			X		
<i>Salix myricoides</i>	Bayberry Willow	FACW			X											X	X	X					
<i>Salix nigra</i>	Black Willow	OBL			X							X			X	X	X	X		X			
<i>Salix pedicellaris</i>	Bog Willow	OBL																					
<i>Salix petiolaris</i>	Meadow Willow	OBL																					
<i>Salix X pendulina*</i>		FACW																			X		
<i>Salix X sepulcralis*</i>		FACW																					
<i>Sambucus nigra ssp. canadensis</i>	Black Elder	FACW										X									X	X	
<i>Sanicula odorata</i>	Clustered Black-Snakeroot	FAC																					
<i>Saponaria officinalis</i>	Bouncing-Bett	FACU																					
<i>Sassafras albidum</i>	Sassafras	FACU		X	X		X		X			X	X		X					X			
<i>Schedonorus pratensis</i>	Meadow Fescue	FACU		X			X																
<i>Schizachyrium scoparium</i>	Little False Bluestem	FACU																					
<i>Schoenoplectus pungens</i>	Three-Square	OBL																					
<i>Scirpus atrovirens</i>	Dark-Green Bulrush	OBL		X		X		X		X	X		X			X				X	X		
<i>Scirpus cyperinus</i>	Cottongrass Bulrush	OBL			X		X	X		X	X	X	X			X					X		
<i>Scutellaria latifolia</i>	Mad Dog Skullcap	OBL										X											
<i>Securigera varia</i>	Crown Vetch	UPL						X															
<i>Senecio hieraciifolius</i>	American Burnweed	FAC						X	X	X	X		X								X		
<i>Setaria faberi</i>	Japanese Bristle Grass	FACU																				X	

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Appendix F Floristic Quality Assessment Inventory for Wetlands 42-3 through 48-6 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W42-3	W42-4	W42-5	W43-1	W43-2	W43-3	W44-2	W44-3	W44-4	W45-1	W45-2	W45-4	W45-5	W45-6	W45-7	W46-1	W46-3	W47-1	W48-2	W48-6
<i>Setaria pumila</i>	Yellow Bristle Grass	FAC																					
<i>Sicyos angulatus</i>	One-Seed Burr-Cucumber	FACW																					
<i>Sium suave</i>	Hemlock Water-Parsnip	OBL										X									X		
<i>Smilax hispida</i>	Chinaroot	FAC																					
<i>Smilax lasioneura</i>	Illinois Carrion Flower	UPL																					
<i>Smilax rotundifolia</i>	Horsebrier	FAC			X					X		X											
<i>Smilax sp.</i>																							
<i>Solanum carolinense</i>	Carolina Horse-Nettle	FACU																					
<i>Solanum dulcamara</i>	Climbing Nightshade	FAC										X									X		
<i>Solidago altissima</i>	Tall Goldenrod	FACU					X	X	X	X	X		X								X	X	
<i>Solidago canadensis</i>	Canadian Goldenrod	FACU													X					X			
<i>Solidago gigantea</i>	Late Goldenrod	FACW										X				X					X		
<i>Solidago glaberrima</i>	Eastern Missouri Goldenrod	UPL																					
<i>Solidago juncea</i>	Early Goldenrod	UPL																					
<i>Solidago patula</i>	Round-Leaf Goldenrod	OBL											X										
<i>Solidago rigida</i>	Hard-Leaf Flat-Top-Goldenrod	FACU																					
<i>Solidago rigidiuscula</i>	Prairie Goldenrod	UPL																					
<i>Solidago rugosa</i>	Wrinkle-Leaf Goldenrod	FAC			X	X	X	X	X	X		X	X										
<i>Solidago sp.</i>																							
<i>Solidago speciosa</i>	Showy Goldenrod	UPL																					
<i>Solidago uliginosa</i>	Bog Goldenrod	OBL													X								
<i>Sonchus arvensis ssp. uliginosus</i>	Field Sow-Thistle	FACU																					
<i>Sonchus asper</i>	Spiny-Leaf Sow-Thistle	FACU																					
<i>Sonchus oleraceus</i>	Common Sow-Thistle	FACU																			X	X	
<i>Sorghastrum nutans</i>	Yellow Indian Grass	FACU																					
<i>Sorghum halpense</i>	Johnson Grass	FACU								X													
<i>Sparganium sp.</i>												X											
<i>Spartina pectinata</i>	Freshwater Cord Grass	FACW																					
<i>Spiraea alba</i>	White Meadowsweet	FACW																					
<i>Spiraea tomentosa</i>	Steeplebush	FACW						X	X			X											
<i>Stachys hispida</i>	Lamb's-Ears	UPL									X												
<i>Stachys pilosa</i>	Hairy Hedge-Nettle	FACW					X		X	X													
<i>Stellaria media</i>	Common Chickweed	FACU																					
<i>Symphoricarpos albus var. laevigatus</i>	Common Snowberry	FACU																					
<i>Symphoricarpos occidentalis</i>	Western Snowberry	UPL																					
<i>Symphyotrichum laeve</i>	Smooth Blue American-Aster	FACU													X								

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Appendix F Floristic Quality Assessment Inventory for Wetlands 42-3 through 48-6 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W42-3	W42-4	W42-5	W43-1	W43-2	W43-3	W44-2	W44-3	W44-4	W45-1	W45-2	W45-4	W45-5	W45-6	W45-7	W46-1	W46-3	W47-1	W48-2	W48-6
<i>Symphyotrichum lanceolatum</i>	White Panicled American-Aster	FAC									X	X											
<i>Symphyotrichum lateriflorum</i>	Farewell-Summer	FACW													X	X							
<i>Symphyotrichum ontarionis</i>	Ontario American-Aster	FAC																			X		
<i>Symphyotrichum parviceps</i>	Small White Aster	UPL																					
<i>Symphyotrichum pilosum</i>	White Oldfield American-Aster	FACU																					
<i>Symphyotrichum racemosum</i>	Fragile-Stem American-Aste	FACW																					
<i>Symphyotrichum sp.</i>																							
<i>Symplocarpus foetidus</i>	Skunk-Cabbage	OBL										X											
<i>Taraxacum officinale</i>	Common Dandelion	FACU						X															
<i>Teucrium canadense</i>	American Germander	FACW										X	X								X		
<i>Thalictrum dasycarpum</i>	Purple Meadow-Rue	FACW																					
<i>Thelypteris palustris var. pubescens</i>	Eastern Marsh Fern	OBL					X	X	X	X	X		X										
<i>Tilia americana</i>	American Basswood	FACU																					
<i>Toxicodendron radicans</i>	Eastern Poison-Ivy	FAC																		X	X		
<i>Tradescantia ohiensis</i>	Bluejacket	FACU					X	X	X		X	X	X									X	
<i>Tragopogon dubius</i>	Sand Goat’s-Beard	UPL																					
<i>Tridens flavus</i>	Purple-Top	UPL						X			X												
<i>Trifolium hybridum</i>	Alsike Clover	FACU																					
<i>Trifolium pratense</i>	Red Clover	FACU		X																			
<i>Trillium grandifolium</i>	Large White Trillium	UPL																					
<i>Trillium recurvatum</i> ¹⁰	Bloody-butcher	FACU																					
<i>Typha angustifolia</i> ¹¹	Narrow-Leaf Cat-Tail	OBL			X ¹¹	X ¹¹			X ¹¹			X ¹¹			X ¹¹		X ¹¹		X ¹¹	X ¹¹	X ¹¹		
<i>Typha latifolia</i> ¹¹	Broad-Leaf Cat-Tail	OBL			X ¹¹	X ¹¹		X ¹¹		X ¹¹	X ¹¹	X ¹¹	X ¹¹	X ¹¹	X ¹¹	X ¹¹	X ¹¹						X ¹¹
<i>Typha x glauca</i> ¹¹	Hybrid Cat-Tail	OBL																					
<i>Ulmus americana</i>	American Elm	FACW								X								X					
<i>Ulmus pumila</i>	Siberian Elm	UPL																					
<i>Ulmus rubra</i>	Slippery Elm	FAC																					
<i>Urtica dioica ssp. gracilis</i>	Tall Nettle	FACW			X										X								
<i>Vaccinium angustifolium</i>	Late Lowbush Blueberry	FACU																					
<i>Verbascum thapsus</i>	Woolly Mullein	UPL		X				X					X									X	
<i>Verbena hastata</i>	Simpler's-Joy	FACW		X			X	X			X										X		
<i>Verbena stricta</i>	Hoary Vervain	UPL										X											
<i>Verbena urticifolia</i>	White Vervain	FAC																			X		
<i>Verbesina alternifolia</i>	Wingstem	FACW										X											
<i>Vernonia fasciculata</i>	Prairie Ironweed	FACW																					
<i>Vernonia gigantea</i>	Smooth Tall Ironweed	FAC						X			X		X							X	X		

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Appendix F Floristic Quality Assessment Inventory for Wetlands 42-3 through 48-6 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W42-3	W42-4	W42-5	W43-1	W43-2	W43-3	W44-2	W44-3	W44-4	W45-1	W45-2	W45-4	W45-5	W45-6	W45-7	W46-1	W46-3	W47-1	W48-2	W48-6
<i>Veronicastrum virginicum</i>	Culver's-Root	FAC																					
<i>Viburnum acerifolium</i>	Maple-Leaf Arrow-Wood	UPL																					
<i>Viburnum lentago</i>	Nanny-Berry	FAC																					
<i>Viburnum opulus</i> var. <i>opulus</i>	Highbush-Cranberry	FAC																					
<i>Viburnum prunifolium</i>	Smooth Blackhaw	FACU																					
<i>Viburnum recognitum</i> ¹²	Smooth Arrow-Wood	FAC																					
<i>Viburnum</i> sp.																							
<i>Vicia tetrasperma</i>	Four-Seed Vetch	UPL											X										
<i>Vinca minor</i>	Common Periwinkle	UPL																					
<i>Viola sororia</i>	Hooded Blue Violet	FAC																					
<i>Vitis aestivalis</i>	Summer Grape	FACU					X		X	X	X		X										
<i>Vitis labrusca</i>	Fox Grape	FACU							X	X		X	X										
<i>Vitis riparia</i>	River-Bank Grape	FACW			X			X	X								X			X	X	X	
<i>Vitis</i> sp.																							
<i>Vitis vulpina</i>	Frost Grape	FAC																					
<i>Xanthium strumarium</i>	Rough Cocklebur	FAC																					
<i>Yucca smalliana</i>	Yucca	UPL																					
<i>Zanthoxylum americanum</i>	Toothachetree	FACU																					

1 *Ampelopsis brevipedunculata* has not previously been documented for Indiana; although there are scattered known occurrences from all bordering states. This species was field identified, so there are no voucher specimens against which to confirm the identification. Since there are no other vines with a similar leaf pattern, the account will be retained on the list as a questionable occurrence. This species was not identified from within any wetlands.

2 Changed *Asclepias lanuginosa* in the original report to *Asclepias longifolia* (=A. *hirtella*). This species was not identified from within any wetlands.

3 Although most of these sedges were identified as *Carex grayii*, the potential exists that some may have been the similar *Carex intumescens*. Because it is not possible at this time to determine which habitat units the correction should be made, the individual habitat occurrences have not been revised with the understanding that some of these could potentially be *Carex intumescens*.

4 Changed *Chrysopsis villosa* for habitat units H24 and H33 in the original report to *Heterotheca subaxillaris*. These individuals were not identified from within any wetlands.

5 Changed *Hypericum prolificum* in the original report to *Hypericum kalmianum* for wetland W36-4.

6 Changed *Lilium philadelphicum* var. *andinum* in the original report to *Lilium michiganense* for wetlands W38-1 and W42-1.

7 Changed *Agalinis aspera* for habitat unit H34 in the original report to *Linaria vulgaris*. This individual was not identified from within a wetland.

8 Changed *Shepherdia canadensis* for habitat unit H10 in the original report to *Lonicera* sp./ *Ligustrum* sp. This individual was not identified from within a wetland.

9 Changed *Trichostema dichotomum* in the original report to *Lythrum salicaria* for wetland W42-2.

10 Changed *Ribes triste* for habitat unit H25 in the original report to *Ribes rubrum*. This individual was not identified from within a wetland.

11 Changed *Trillium sessile* in the original report to *Trillium recurvatum* for wetland W39-4.

12 Although all of the cattails encountered within the project area were identified as either *Typha angustifolia* or *Typha latifolia*, several of these occurrences might have been the hydrid *Typha x glauca*. Because it is not possible at this time to determine which habitat units the correction should be made, the individual habitat occurrences have not been revised with the understanding that some of these could potentially be *Typha x glauca*.

13 Changed *Viburnum dentatum* in the original report to *Viburnum recognitum* for wetlands W56-4 and W56-5.

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Appendix F Floristic Quality Assessment Inventory for Wetlands 48-7 through 57-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W48-7	W48-8	W48-9	W49-1	W49-2	W49-3	W49-4	W49-5	W49-6	W55-1	W55-2	W56-1	W56-2	W56-3	W56-4	W56-5	W56-6	W56-7	W57-1	W57-2
<i>Acalypha rhomboidea</i>	Common Three-Seed-Mercury	FACU											X										
<i>Acer ginnala</i>	Amur Maple	UPL																					
<i>Acer negundo</i>	Ash-Leaf Maple	FAC															X						
<i>Acer rubrum</i>	Red Maple	FAC																					
<i>Acer saccharinum</i>	Silver Maple	FACW																					X
<i>Acer saccharum</i>	Sugar Maple	FACU																					
<i>Achillea millefolium</i>	Common Yarrow	FACU																					
<i>Agalinis aspera</i>	Tall False Foxglove	FACU																					
<i>Agalinis skinneriana</i>	Skinner's False Foxglove	UPL	ST																				
<i>Agalinis tenuifolia</i>	Slender-Leaf False Foxglove	FACW														X							
<i>Ageratina altissima</i>	White Snakeroot	FACU														X	X					X	
<i>Agrimonia gryposepala</i>	Tall Hairy Grooveburr	FACU																					
<i>Agrimonia parviflora</i>	Harvestlice	FACW																					
<i>Agrostis gigantea</i>	Black Bent	FACW																					
<i>Agrostis scabra</i>	Rough Bent	FAC																					
<i>Agrostis stolonifera</i>	Spreading Bent	FACW																					
<i>Ailanthus altissima</i>	Tree-of-Heaven	FACU																					
<i>Alisma subcordatum</i>	American Water-Plantain	OBL														X							
<i>Alliaria petiolata</i>	Garlic-Mustard	FAC																					
<i>Allium sp.</i>																							
<i>Allium tricoccum</i>	Ramp	FACU																					
<i>Allium vineale</i>	Crow Garlic	FACU																					
<i>Alnus incana</i>	Speckled Alder	FACW	WL																				
<i>Alnus sp.</i>																							
<i>Alopecurus carolinianus</i>	Tufted Meadow-Foxtail	FACW																					
<i>Ambrosia artemisiifolia</i>	Annual Ragweed	FACU												X	X	X	X						
<i>Ambrosia trifida</i>	Great Ragweed	FAC												X									
<i>Amelanchier interior</i>	Inland Service-Berry	UPL																					
<i>Amelanchier laevis</i>	Allegheny Service-Berry	UPL																					
<i>Amelanchier sp.</i>																							
<i>Ampelopsis brevipedunculata</i> ¹	Turquoise-Berry	UPL																					
<i>Amphicarpaea bracteata</i>	American Hog-Peanut	FAC																					
<i>Andropogon gerardii</i>	Big Bluestem	FAC															X		X			X	
<i>Andropogon virginicus</i>	Broom-Sedge	FACU																					
<i>Anemone quinquefolia</i>	Nightcaps	FAC																					
<i>Anemone virginiana</i>	Tall Thimbleweed	FACU																					

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Appendix F Floristic Quality Assessment Inventory for Wetlands 48-7 through 57-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W48-7	W48-8	W48-9	W49-1	W49-2	W49-3	W49-4	W49-5	W49-6	W55-1	W55-2	W56-1	W56-2	W56-3	W56-4	W56-5	W56-6	W56-7	W57-1	W57-2
<i>Apios americana</i>	Groundnut	FACW														X			X				
<i>Apocynum cannabinum</i>	Indian-Hemp	FAC											X	X			X	X					
<i>Arabis lyrata</i>	Mouse-Ear Cress	UPL																					
<i>Arctium lappa</i>	Great Burdock	UPL																					
<i>Aronia prunifolia</i>	Purple Chokeberry	FACW																					
<i>Artemisia abrotanum</i>	Southern Wormwood	UPL																					
<i>Artemisia absinthium</i>	Common Wormwood	UPL																					
<i>Artemisia dracunculus</i>	False Tarragon	UPL																					
<i>Artemisia serrata</i>	Serrate-Leaf Sage	UPL																					
<i>Artemisia vulgaris</i>	Common Mugwort	UPL																					
<i>Asclepias incarnata</i>	Swamp Milkweed	OBL																					
<i>Asclepias longifolia</i> ²	Tall Green Milkweed	UPL																					
<i>Asclepias purpurascens</i>	Purple Milkweed	FACU																					
<i>Asclepias syriaca</i>	Common Milkweed	FACU											X	X					X				
<i>Asclepias tuberosa ssp. interior</i>	Butterfly-Weed	UPL																					
<i>Asclepias verticillata</i>	Whorled Milkweed	FACU																					
<i>Asclepias viridiflora</i>	Green Milkweed	UPL																					
<i>Asimina triloba</i>	Common Pawpaw	FAC																					
<i>Asparagus officinalis</i>	Asparagus	FACU																	X				
<i>Athyrium filix-femina ssp. angustum</i>	Subarctic Lady Fern	FAC																					
<i>Berberis thunbergii</i>	Japanese Barberry	FACU																					
<i>Berteroa incana</i>	Hoary Alyssum	UPL																					
<i>Betula nigra</i>	River Birch	FACW																					
<i>Bidens bipinnata</i>	Spanish-Needles	FAC																					
<i>Bidens frondosa</i>	Devil's-Pitchfork	FACW																					
<i>Bidens sp.</i>																							
<i>Boehmeria cylindrica</i>	Small-Spike False Nettle	OBL																					
<i>Bothriochloa laguroides</i>	Silver Beardgrass	UPL																					
<i>Bromus secalinus</i>	Smooth Chess	UPL																					
<i>Calamagrostis canadensis</i>	Bluejoint	OBL																X					
<i>Calamagrostis stricta</i>	Slim-Stem Reed Grass	FACW																					
<i>Calystegia sepium</i>	Hedge False Bindweed	FAC																					
<i>Campsis radicans</i>	Trumpet-Creeper	FACU																					
<i>Cannabis sativa</i>	Hemp	FACU																					
<i>Cardamine parviflora var. arenicola</i>	Small-Flowered Bitter Cress	FAC																					
<i>Carex bebbii</i>	Bebb's Sedge	OBL	ST										X										

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Appendix F Floristic Quality Assessment Inventory for Wetlands 48-7 through 57-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W48-7	W48-8	W48-9	W49-1	W49-2	W49-3	W49-4	W49-5	W49-6	W55-1	W55-2	W56-1	W56-2	W56-3	W56-4	W56-5	W56-6	W56-7	W57-1	W57-2
<i>Carex brevior</i>	Short-Beak Sedge	FAC																					
<i>Carex crinita</i>	Fringed Sedge	OBL																					
<i>Carex folliculata</i>	Northern Long Sedge	OBL	SR																				
<i>Carex grayii</i> ³	Gray's Sedge	FACW																					
<i>Carex intumescens</i> ³	Greater Bladder Sedge	FACW																					
<i>Carex lacustris</i>	Lakebank Sedge	OBL		X	X						X							X					
<i>Carex lurida</i>	Sallow Sedge	OBL																					
<i>Carex sp.</i>																					X		
<i>Carex straminea</i>	Eastern Straw Sedge	OBL																					
<i>Carex suberecta</i>	Prairie Straw Sedge	OBL																					
<i>Carex tribuloides</i>	Blunt Broom Sedge	OBL																					
<i>Carex vulpinoidea</i>	Common Fox Sedge	FACW											X										
<i>Carya cordiformis</i>	Bitter-Nut Hickory	FACU																					
<i>Carya ovata</i>	Shag-Bark Hickory	FACU																					
<i>Carya sp.</i>																							
<i>Catalpa speciosa</i>	Northern Catalpa	FACU																					
<i>Celastrus orbiculatus</i>	Asian Bittersweet	UPL																			X		
<i>Celastrus scandens</i>	American Bittersweet	FACU																					
<i>Celtis occidentalis</i>	Common Hackberry	FAC																					
<i>Cenchrus longispinus</i>	Sand Bur	UPL																					
<i>Centaurea stoebe ssp. micranthos</i>	Spotted Knapweed	UPL																					
<i>Cephalanthus occidentalis</i>	Common Buttonbush	OBL											X		X	X	X		X			X	X
<i>Cercis canadensis</i>	Redbud	FACU																					
<i>Chamaesyce humistrata</i>	Spreading Sandmat	FACW																					
<i>Chamaesyce maculata</i>	Spotted Sandmat	FACU																					
<i>Chamaesyce nutans</i>	Eyebane	FACU																					
<i>Chelidonium majus</i>	Celandine	UPL																					
<i>Chelone glabra</i>	White Turtlehead	OBL																					
<i>Chenopodium album</i>	Lamb's-Quarters	FACU																					
<i>Chenopodium leptophyllum</i>	Narrow-Leaf Goosefoot	FACU																					
<i>Chenopodium pratericola</i>	Nettle-Leaf Goosefoot	FACU																					
<i>Chondrilla juncea</i>	Rush Skeletonweed	UPL																					
<i>Chrysopsis villosa</i>	Prairie Golden Aster	UPL	ST																				
<i>Cichorium intybus</i>	Chicory	FACU																					
<i>Cicuta maculata</i>	Spotted Water-Hemlock	OBL																X					
<i>Cinna arundinacea</i>	Sweet Wood-Reed	FACW																					

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Appendix F Floristic Quality Assessment Inventory for Wetlands 48-7 through 57-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W48-7	W48-8	W48-9	W49-1	W49-2	W49-3	W49-4	W49-5	W49-6	W55-1	W55-2	W56-1	W56-2	W56-3	W56-4	W56-5	W56-6	W56-7	W57-1	W57-2
<i>Cirsium arvense</i>	Canadian Thistle	FACU																					
<i>Cirsium discolor</i>	Field Thistle	FACU														X		X					
<i>Cirsium muticum</i>	Swamp Thistle	OBL																					
<i>Cirsium vulgare</i>	Bull Thistle	FACU																					
<i>Claytonia virginica</i>	Virginia Springbeauty	FACU																					
<i>Clematis virginiana</i>	Devil's-Darning-Needles	FAC																					
<i>Coleataenia anceps</i>	Beaked Cut-Throat Grass	FACW																					
<i>Coleataenia longifolia</i>	Red-Top Cut-Throat Grass	FACW																					
<i>Coleataenia rigidula</i>	Red-Top Cut-Throat Grass	FACW																					
<i>Commelina communis</i>	Asiatic Dayflower	FACU																					
<i>Convallaria majalis</i>	Lily-of-the-Valley	UPL																					
<i>Coreopsis lanceolata</i>	Lance-Leaf Tickseed	FACU																					
<i>Coreopsis tripteris</i>	Tall Tickseed	FAC															X	X					
<i>Cornus alba</i>	Red Osier	FACW									X								X				
<i>Cornus florida</i>	Flowering Dogwood	FACU																					
<i>Cornus obliqua</i>	Pale Dogwood	FACW																					
<i>Cornus racemosa</i>	Gray Dogwood	FAC																					
<i>Corylus americana</i>	American Hazelnut	FACU														X							
<i>Crataegus macrosperma*</i>																							
<i>Crataegus phaenopyrum</i>	Washington Hawthorn	FAC																					
<i>Crataegus pruinosa</i>	Frosted Hawthorn	UPL																					
<i>Crataegus sp.</i>																							
<i>Croton glandulosus var. septentrionalis</i>	Sand Croton	UPL																					
<i>Cuscuta gonovii</i>	Rope Dodder	UPL																					
<i>Cyperus bipartitus</i>	Shining Flat Sedge	OBL											X			X							
<i>Cyperus esculentus</i>	Chufa	FACW														X			X				
<i>Cyperus filiculmis</i>	Chufa	FACW																					
<i>Cyperus lupulinus</i>	Great Plains Flat Sedge	FACU																					
<i>Cyperus schweinitzii</i>	Sand Flat Sedge	FACU														X							
<i>Cyperus strigosus</i>	Straw-Color Flat Sedge	FACW												X									
<i>Dactylis glomerata</i>	Orchard Grass	FACU																					
<i>Daucus carota</i>	Queen Anne’s Lace	UPL														X	X						
<i>Desmodium paniculatum</i>	Panicked-Leaf Tick-Trefoil	FACU																					
<i>Desmodium sessilifolium</i>	Sessile-Leaf Tick-Trefoil	UPL															X	X					
<i>Dichanthelium clandestinum</i>	Deer-Tongue Rosette Grass	FACW																					
<i>Digitaria sanguinalis</i>	Hairy Crab Grass	FACU																					

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Appendix F Floristic Quality Assessment Inventory for Wetlands 48-7 through 57-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W48-7	W48-8	W48-9	W49-1	W49-2	W49-3	W49-4	W49-5	W49-6	W55-1	W55-2	W56-1	W56-2	W56-3	W56-4	W56-5	W56-6	W56-7	W57-1	W57-2
<i>Dioscorea villosa</i>	Wild Yam	FAC																					
<i>Dipsacus fullonum</i>	Fuller's Teasel	FACU																					
<i>Doellingeria umbellata</i>	Parasol White-Top	FACW																					
<i>Draba verna</i>	Vernal Whitlow-Grass	UPL																					
<i>Dryopteris cristata</i>	Crested Wood Fern	OBL																					
<i>Dryopteris intermedia</i>	Evergreen Wood Fern	FAC																					
<i>Echinacea purpurea</i>	Purple Coneflower	UPL																					
<i>Echinochloa muricata</i>	Large Barnyard Grass	FACW														X							
<i>Elaeagnus angustifolia</i>	Russian-Olive	FACU																					
<i>Elaeagnus umbellata</i>	Autumn-Olive	UPL															X						
<i>Eleusine indica</i>	Indian Goose Grass	FACU																					
<i>Elymus canadensis</i>	Nodding Wild Rye	FACU																					
<i>Elymus riparius</i>	River-Bank Wild Rye	FACW																					
<i>Elymus virginicus</i>	Virginia Wild Rye	FACW																					
<i>Epilobium coloratum</i>	Purple-Leaf Willowherb	OBL																					
<i>Equisetum arvense</i>	Field Horsetail	FAC															X		X		X	X	
<i>Equisetum hyemale</i>	Tall Scouring-Rush	FACW																	X				
<i>Equisetum laevigatum</i>	Smooth Scouring-Rush	FACW																	X				X
<i>Eragrostis capillaris</i>	Lace Grass	UPL																					
<i>Eragrostis spectabilis</i>	Purple Love Grass	UPL																					
<i>Erigeron annuus</i>	Eastern Daisy Fleabane	FACU																					
<i>Erigeron canadensis</i>	Canadian Horseweed	FACU												X	X		X						
<i>Erigeron strigosus</i>	Prairie Fleabane	FACU																					
<i>Euonymus alatus</i>	Winged Euonymus	UPL																					
<i>Euonymus europaeus</i>	European Spindle Tree	UPL																					
<i>Euonymus hederaceus</i>	Climbing Euonymus	UPL																					
<i>Eupatorium altissimum</i>	Tall Boneset	UPL																					
<i>Eupatorium perfoliatum</i>	Common Boneset	OBL														X			X				
<i>Eupatorium serotinum</i>	Late-Flowering Thoroughwort	FAC											X	X			X		X			X	X
<i>Euphorbia corollata</i>	Flowering Spurge	UPL																					
<i>Euphorbia hexagona</i>	Mexican-Fireplant	FACU																					
<i>Euthamia graminifolia</i>	Flat-Top Goldentop	FACW														X	X	X					
<i>Euthamia gymnospermoides</i>	Texas Goldentop	FACW																					
<i>Eutrochium fistulosum</i>	Trumpetweed	OBL																X	X				
<i>Eutrochium maculatum</i>	Spotted Trumpetweed	OBL																					
<i>Eutrochium purpureum</i>	Sweet-Scented Joe-Pye-Weed	FAC																					

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Appendix F Floristic Quality Assessment Inventory for Wetlands 48-7 through 57-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W48-7	W48-8	W48-9	W49-1	W49-2	W49-3	W49-4	W49-5	W49-6	W55-1	W55-2	W56-1	W56-2	W56-3	W56-4	W56-5	W56-6	W56-7	W57-1	W57-2
<i>Fagus grandifolia</i>	American Beech	FACU																					
<i>Fallopia convolvulus</i>	Black-Bindweed	FACU																					
<i>Fallopia dumetorum</i> *																							
<i>Fallopia scandens</i>	Climbing Black-Bindweed	FAC											X		X		X						
<i>Festuca filiformis</i>	Slender Fescue	UPL																					
<i>Festuca rubra</i>	Red Fescue	FACU																					
<i>Fragaria virginiana</i>	Virginia Strawberry	FACU																					
<i>Frangula alnus</i>	Glossy False Buckthorn	FACW														X	X						
<i>Fraxinus pennsylvanica</i>	Green Ash	FACW												X								X	
<i>Galium aparine</i>	Sticky-Willy	FACU																					
<i>Galium tinctorium</i>	Stiff Marsh Bedstraw	OBL																					
<i>Gentianopsis virgata</i>	Lesser Fringed-Gentian	OBL																					
<i>Geum canadense</i>	White Avens	FAC																					
<i>Geum laciniatum</i> var. <i>trichocarpum</i>	Rough Avens	FACW																					
<i>Glechoma hederacea</i>	Groundivy	FACU																					
<i>Gleditsia tricanthos</i>	Honey-Locust	FACU																					
<i>Glyceria canadensis</i>	Rattlesnake Manna Grass	OBL																					
<i>Glyceria striata</i>	Fowl Manna Grass	OBL																					
<i>Hackelia virginiana</i>	Beggar's-Lice	FACU													X								
<i>Hamamelis virginiana</i>	American Witch-Hazel	FACU																					
<i>Hedera helix</i>	English Ivy	UPL																					
<i>Helenium autumnale</i>	Fall Sneezeweed	FACW																					
<i>Helianthus divaricatus</i>	Woodland Sunflower	UPL																					
<i>Helianthus giganteus</i>	Giant Sunflower	FACW																					
<i>Helianthus grosseserratus</i>	Saw-Tooth Sunflower	FACW														X	X		X				
<i>Helianthus hirsutus</i>	Hispid Sunflower	UPL																					
<i>Helianthus petiolaris</i>	Petioled Sunflower	UPL																					
<i>Helianthus salicifolius</i>	Willow-Leaf Sunflower	UPL																					
<i>Helianthus tuberosus</i>	Jerusalem-Artichoke	FACU																					
<i>Helianthus X cinereus</i> *																							
<i>Helianthus X laetiflorus</i> *																							
<i>Heterotheca subaxillaris</i> ⁴	Camphorweed	UPL																					
<i>Hordeum jubatum</i>	Fox-Tail Barley	FAC														X							
<i>Hypericum canadense</i>	Lesser Canadian St. John's-Wort	FACW																					
<i>Hypericum kalmianum</i> ⁵	Kalm's St. John's-Wort	FACW																					
<i>Hypericum perforatum</i>	Common St. John's-Wort	FACU																					

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Appendix F Floristic Quality Assessment Inventory for Wetlands 48-7 through 57-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W48-7	W48-8	W48-9	W49-1	W49-2	W49-3	W49-4	W49-5	W49-6	W55-1	W55-2	W56-1	W56-2	W56-3	W56-4	W56-5	W56-6	W56-7	W57-1	W57-2
<i>Hypericum punctatum</i>	Spotted St. John's-Wort	FAC																					
<i>Hypericum sp.</i>																							
<i>Hypericum sphaerocarpum</i>	Round-Seed St. John's-Wort	FACU																					
<i>Ilex opaca</i> *																							
<i>Ilex verticillata</i>	Common Winterberry	FACW																					
<i>Impatiens capensis</i>	Spotted Touch-Me-Not	FACW																					
<i>Ipomoea lacunosa</i>	Whitestar	FACW																					
<i>Ipomoea pandurata</i>	Man-of-the-Earth	FACU																					
<i>Ipomoea purpurea</i>	Common Morning-Glory	FACU																					
<i>Iris sp.</i>																							
<i>Iris virginica</i> var. <i>shrevei</i>	Virginia Blueflag	OBL																				X	
<i>Juglans nigra</i>	Black Walnut	FACU																					
<i>Juncus acuminatus</i>	Knotty-Leaf Rush	OBL																					
<i>Juncus anthelatus</i>	Kentucky Rush	FACW																					
<i>Juncus brachycarpus</i>	White-Root Rush	FACW																					
<i>Juncus canadensis</i>	Canadian Rush	OBL																					
<i>Juncus dudleyi</i>	Dudley's Rush	FACW														X							
<i>Juncus effusus</i> ssp. <i>solutus</i>	Lamp Rush	OBL																					
<i>Juncus interior</i>	Inland Rush	FAC																					
<i>Juncus marginatus</i>	Bog Rush	FACW																					
<i>Juncus nodosus</i>	Knotted Rush	OBL																					
<i>Juncus scirpoiodes</i>	Needle-Pod Rush	FACW																					
<i>Juncus sp.</i>																			X				
<i>Juncus torreyi</i>	Torrey's Rush	FACW														X							
<i>Juniperus virginiana</i>	Eastern Red-Cedar	FACU																					
<i>Kochia scoparia</i>	Cypressbush	UPL																					
<i>Krigia virginica</i>	Virginia Dwarf-Dandelion	UPL																					
<i>Lactuca biennis</i>	Wild Blue Lettuce	FAC																					
<i>Lactuca canadensis</i>	Canadian Blue Lettuce	FACU															X						
<i>Lactuca serriola</i>	Prickly Lettuce	FACU																					
<i>Lamium purpureum</i>	Purple Dead Nettle	UPL																					
<i>Laportea canadensis</i>	Canadian Wood-Nettle	FACW																					
<i>Leersia oryzoides</i>	Rice Cut Grass	OBL																					
<i>Lemna minor</i>	Common Duckweed	OBL						X													X		X
<i>Leonurus cardiaca</i>	Motherwort	UPL																					
<i>Lepidium campestre</i>	Field Pepperwort	UPL																					

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Appendix F Floristic Quality Assessment Inventory for Wetlands 48-7 through 57-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W48-7	W48-8	W48-9	W49-1	W49-2	W49-3	W49-4	W49-5	W49-6	W55-1	W55-2	W56-1	W56-2	W56-3	W56-4	W56-5	W56-6	W56-7	W57-1	W57-2
<i>Lepidium densiflorum</i>	Miner's Pepperwort	FAC																					
<i>Lepidium virginicum</i>	Poorman's-Pepperwort	FACU																					
<i>Leptochloa acuminata</i>	Salt Meadow Grass	UPL																					
<i>Lespedeza capitata</i>	Round-Head Bush-Clover	FACU																					
<i>Lespedeza hirta</i>	Hairy Bush-Clover	UPL																					
<i>Leucanthemum vulgare</i>	Ox-Eye Daisy	UPL																					
<i>Liatris aspera</i>	Rough Gayfeather	UPL																					
<i>Liatris cylindracea</i>	Cylindrical Gayfeather	UPL																					
<i>Ligustrum obtusifolium</i>	Blunt-Leaf Privet	UPL																					
<i>Ligustrum vulgare</i>	European Privet	FACU																					
<i>Lilium michiganense</i> ⁶	Michigan Lily	FACW																					
<i>Linaria vulgaris</i> ⁷	Butter-and-Eggs	UPL															X						
<i>Lindera benzoin</i>	Northern Spicebush	FACW																					
<i>Liriodendron tulipifera</i>	Tuliptree	FACU																					
<i>Lobelia cardinalis</i>	Cardinal-Flower	OBL																					
<i>Lobelia siphilitica</i>	Great Blue Lobelia	OBL																					
<i>Lolium perenne ssp. multiflorum</i>	Perennial Rye Grass	FACU																					
<i>Lonicera japonica</i>	Japanese Honeysuckle	FACU																					
<i>Lonicera maackii</i>	Amur Honeysuckle	UPL																					
<i>Lonicera morrowii</i>	Morrow's Honeysuckle	FACU																					
<i>Lonicera sp.</i>																	X		X	X		X	
<i>Lonicera sp./Ligustrum sp.</i> ⁸																							
<i>Lonicera tatarica</i>	Twinsisters	FACU																					
<i>Lonicera X notha</i> *		UPL																					
<i>Lonicera X xylosteoides</i> *		UPL														X							
<i>Lonicera xylosteum</i>	European Fly Honeysuckle	UPL																					
<i>Ludwigia alternifolia</i>	Seedbox	OBL																					
<i>Ludwigia palustris</i>	Globe-Fruit Primrose-Willow	OBL																					
<i>Lycopus americanus</i>	Cut-Leaf Water-Horehound	OBL											X										
<i>Lysimachia lanceolata</i>	Lance-Leaf Yellow-Loosestrife	FAC																					
<i>Lysimachia quadrifolia</i>	Whorled Yellow-Loosestrife	FACU																					
<i>Lysimachia terrestris</i>	Swampcandles	OBL																					
<i>Lythrum salicaria</i> ⁹	Purple Loosestrife	OBL		X	X				X		X	X	X	X	X	X	X	X	X			X	
<i>Maianthemum canadense</i>	False Lily-of-the-Valley	FAC																X				X	
<i>Maianthemum racemosum</i>	Feathery False Solomon's-Seal	FACU																					
<i>Medicago lupulina</i>	Black Medick	FACU																					

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Appendix F Floristic Quality Assessment Inventory for Wetlands 48-7 through 57-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W48-7	W48-8	W48-9	W49-1	W49-2	W49-3	W49-4	W49-5	W49-6	W55-1	W55-2	W56-1	W56-2	W56-3	W56-4	W56-5	W56-6	W56-7	W57-1	W57-2
<i>Melilotus albus</i>	White Sweet-Clover	UPL																	X				
<i>Melilotus officinalis</i>	Yellow Sweet-Clover	FACU																					
<i>Mentha spicata</i>	Spearmint	FACW																					
<i>Mimulus ringens</i>	Allegheny Monkey-Flower	OBL																					
<i>Mirabilis nyctaginea</i>	Wild Four-O'clock	UPL																					
<i>Monarda fistulosa</i>	Oswego-Tea	FACU																					
<i>Monarda punctata</i>	Spotted Beebalm	UPL																				X	
<i>Morus alba</i>	White Mulberry	FAC															X		X				
<i>Morus rubra</i>	Red Mulberry	FACU																					
<i>Muhlenbergia asperifolia</i>	Alkali Muhly	FACW																					
<i>Muhlenbergia racemosa</i>	Green Muhly	FACW																					
<i>Muhlenbergia sobolifera</i>	Rock Muhly	UPL																					
<i>Muscari botryoides</i>	Grape Hyacinth	UPL																					
<i>Myriophyllum exalbescens</i>	Tiny Mousetail	FACW																					
<i>Nabalus albus</i>	White Rattlesnake-Root	FACU																					
<i>Narcissus pseudo-narcissus</i>	Daffodil	UPL																					
<i>Narcissus X medioluteus*</i>		UPL																					
<i>Nepeta cataria</i>	Catnip	FACU																					
<i>Nymphaea odorata</i>	American White Water-Lily	OBL																	X				
<i>Nyssa sylvatica</i>	Black Tupelo	FAC																					
<i>Oenothera biennis</i>	King's-Cureall	FACU													X		X					X	
<i>Onoclea sensibilis</i>	Sensitive Fern	FACW									X	X					X		X				
<i>Opuntia humifusa</i>	Common Prickly-Pear	UPL																					
<i>Ornithogalum umbellatum</i>	Star-of-Bethlehem	UPL																					
<i>Osmorhiza longistylis</i>	Aniseroot	FACU																					
<i>Osmunda cinnamomea</i>	Cinnamon Fern	FACW																					
<i>Osmunda spectabilis</i>	Royal Fern	OBL																					
<i>Ostrya virginiana</i>	Eastern Hop-Hornbeam	FACU																					
<i>Oxalis stricta</i>	Upright Yellow Wood-Sorrel	FACU																					
<i>Oxypolis rigidior</i>	Stiff Cowbane	OBL																					
<i>Packera glabella</i>	Cress-Leaf Groundsel	FACW																			X		
<i>Panax trifolius</i>	Dwarf Ginseng	UPL																					
<i>Panicum capillare</i>	Common Panic Grass	FAC												X	X		X		X				
<i>Panicum flexile</i>	Wiry Panic Grass	FACW																					
<i>Panicum philadelphicum</i>	Philadelphia Panic Grass	FACW																					
<i>Panicum sp.</i>																				X			

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Appendix F Floristic Quality Assessment Inventory for Wetlands 48-7 through 57-2 within NICTD Double Track NWI Investigation Area (revised November 6, 2017)

Scientific Name	Common Name	Wetland Indicator Status	State Status	W48-7	W48-8	W48-9	W49-1	W49-2	W49-3	W49-4	W49-5	W49-6	W55-1	W55-2	W56-1	W56-2	W56-3	W56-4	W56-5	W56-6	W56-7	W57-1	W57-2
<i>Panicum virgatum</i>	Wand Panic Grass	FAC											X						X			X	
<i>Parthenocissus quinquefolia</i>	Virginia-Creeper	FACU											X	X	X		X		X			X	
<i>Paspalum setaceum</i>	Slender Crown Grass	FACU																					
<i>Penthorum sedoides</i>	Ditch-Stonecrop	OBL																					
<i>Persicaria amphibia</i>	Water Smartweed	OBL																					
<i>Persicaria hydropiperoides</i>	Swamp Smartweed	OBL																					
<i>Persicaria lapathifolia</i>	Dock-Leaf Smartweed	FACW												X	X								
<i>Persicaria maculosa</i>	Lady's-Thumb	FACW												X		X							
<i>Persicaria punctata</i>	Dotted Smartweed	OBL												X									
<i>Persicaria satittata</i>	Arrow-Leaf Tearthumb	OBL																					
<i>Persicaria virginiana</i>	Jumpseed	FAC																					
<i>Phalaris arundinacea</i>	Reed Canary Grass	FACW											X				X		X				X
<i>Phlox paniculata</i>	Fall Phlox	FACU																					
<i>Phragmites australis ssp. australis</i>	Common Reed	FACW		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	
<i>Physalis heterophylla</i>	Clammy Ground-Cherry	UPL												X									
<i>Physocarpus opulifolius</i>	Atlantic Ninebark	FACW																					
<i>Physostegia virginiana</i>	Obedient-Plant	FACW																					
<i>Phytolacca americana</i>	American Pokeweed	FACU																					
<i>Picea abies</i>	Norway Spruce	UPL																					
<i>Pilea pumila</i>	Canadian Clearweed	FACW																					
<i>Pinus strobus</i>	Eastern White Pine	FACU																					
<i>Plantago lanceolata</i>	English Plantain	FACU																					
<i>Plantago rugelii</i>	Black-Seed Plantain	FAC																					
<i>Platanus occidentalis</i>	American Sycamore	FACW																					
<i>Podophyllum peltatum</i>	May-Apple	FACU																					
<i>Poinsettia dentata</i>	Wild Poinsettia	UPL																					
<i>Polanisia graveolens</i>	Clammyweed	UPL																					
<i>Polygonatum canaliculatum</i>	King Solomon's-Seal	FACU																					
<i>Populus deltoides</i>	Eastern Cottonwood	FAC												X				X	X			X	X
<i>Populus tremuloides</i>	Quaking Aspen	FAC															X						
<i>Potentilla norvegica</i>	Norwegian Cinquefoil	FAC																	X				
<i>Potentilla recta</i>	Sulfur Cinquefoil	UPL																					
<i>Prunella vulgaris ssp. lanceolata</i>	Common Selfheal	FAC																					
<i>Prunus americana</i>	American Plum	UPL																					
<i>Prunus pensylvanica</i>	Fire Cherry	FACU																					
<i>Prunus serotina</i>	Black Cherry	FACU																					

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<i>Prunus</i> sp.																							
<i>Prunus virginiana</i>	Choke Cherry	FACU																					
<i>Pseudognaphalium obtusifolium</i>	Sweet Everlasting	UPL																					
<i>Ptelea trifoliata</i>	Common Hoptree	FACU																					
<i>Pteridium aquilinum</i> var. <i>latiusculum</i>	Northern Bracken Fern	FACU																X				X	
<i>Pycnanthemum tenuifolium</i>	Narrow-Leaf Mountain-Mint	FAC														X			X				
<i>Pycnanthemum virginianum</i>	Virginia Mountain-Mint	FACW																					
<i>Pyrus calleryana</i>	Ornamental Pear	UPL																					
<i>Quercus alba</i>	Northern White Oak	FACU																X	X				
<i>Quercus bicolor</i>	Swamp White Oak	FACW																					
<i>Quercus palustris</i>	Pin Oak	FACW															X		X			X	
<i>Quercus rubra</i>	Northern Red Oak	FACU																					
<i>Quercus velutina</i>	Black Oak	UPL																					
<i>Quercus</i> X <i>buschii</i> *																							
<i>Quercus</i> X <i>hawkinsiae</i> *		UPL																	X				
<i>Ranunculus arbortivus</i>	Tall Buttercup	FAC																					
<i>Ranunculus recurvatus</i>	Blisterwort	FACW																					
<i>Ratibida pinnata</i>	Yellow Coneflower	UPL																					
<i>Reynoutria japonica</i>	Japanese-Knotweed	FACU													X		X						
<i>Reynoutria japonica</i>	Japanese-Knotweed	FACU																					
<i>Rhamnus cathartica</i>	European Buckthorn	FAC																	X				
<i>Rhamnus davurica</i>	Dahurian Buckthorn	UPL																					
<i>Rhamnus lanceolata</i>	Lance-Leaf Buckthorn	FACW																					
<i>Rhus aromatica</i>	Fragrant Sumac	UPL																					
<i>Rhus copallinum</i>	Winged Sumac	UPL																	X				
<i>Rhus glabra</i>	Smooth Sumac	UPL																					
<i>Rhus typhina</i>	Staghorn Sumac	UPL															X					X	
<i>Ribes americanum</i>	Wild Black Currant	FACW																					
<i>Ribes cynosbati</i>	Eastern Prickly Gooseberry	FAC																					
<i>Ribes lacustre</i>	Hairy-Stem Gooseberry	FACW																					
<i>Ribes rubrum</i> ¹⁰	Red Currant	UPL																					
<i>Ribes</i> sp.																							
<i>Robinia pseudoaccacia</i>	Black Locust	FACU																					
<i>Rosa carolina</i>	Carolina Rose	FACU																					
<i>Rosa gallica</i>	French Rose	UPL																					
<i>Rosa multiflora</i>	Rambler Rose	FACU												X									

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Scientific Name	Common Name	Wetland Indicator Status	State Status	W48-7	W48-8	W48-9	W49-1	W49-2	W49-3	W49-4	W49-5	W49-6	W55-1	W55-2	W56-1	W56-2	W56-3	W56-4	W56-5	W56-6	W56-7	W57-1	W57-2
<i>Rosa palustris</i>	Swamp Rose	OBL																					
<i>Rubus alleghiensis</i>	Allegheny Blackberry	FACU																					
<i>Rubus frondosus</i>	Blackberry	UPL																					
<i>Rubus hispidus</i>	Bristly Dewberry	FACW																					
<i>Rubus idaeus ssp. strigosus</i>	Common Red Raspberry	FACU																					
<i>Rubus occidentalis</i>	Black Raspberry	UPL																					
<i>Rubus pubescens</i>	Dwarf Red Raspberry	FACW																					
<i>Rubus sp.</i>																	X						
<i>Rubus wheeleri</i>	Wheeler's Blackberry	FAC																					
<i>Rubus X neglectus*</i>																							
<i>Rudbeckia hirta</i>	Black-Eyed-Susan	FACU																					
<i>Rudbeckia laciniata</i>	Green-Head Coneflower	FACW																					
<i>Rumex crispus</i>	Curly Dock	FAC											X	X							X		
<i>Rumex obtusifolius</i>	Bitter Dock	FACW																					
<i>Salix discolor</i>	Pussy Willow	FACW														X		X	X			X	
<i>Salix interior</i>	Sandbar Willow	FACW														X	X	X	X		X	X	X
<i>Salix myricoides</i>	Bayberry Willow	FACW															X			X	X		
<i>Salix nigra</i>	Black Willow	OBL																					
<i>Salix pedicellaris</i>	Bog Willow	OBL																					
<i>Salix petiolaris</i>	Meadow Willow	OBL																					
<i>Salix X pendulina*</i>		FACW																					
<i>Salix X sepulcralis*</i>		FACW																					
<i>Sambucus nigra ssp. canadensis</i>	Black Elder	FACW										X		X	X		X				X	X	
<i>Sanicula odorata</i>	Clustered Black-Snakeroot	FAC																					
<i>Saponaria officinalis</i>	Bouncing-Bett	FACU													X								
<i>Sassafras albidum</i>	Sassafras	FACU																	X			X	
<i>Schedonorus pratensis</i>	Meadow Fescue	FACU																					
<i>Schizachyrium scoparium</i>	Little False Bluestem	FACU															X						
<i>Schoenoplectus pungens</i>	Three-Square	OBL														X							
<i>Scirpus atrovirens</i>	Dark-Green Bulrush	OBL														X			X				
<i>Scirpus cyperinus</i>	Cottongrass Bulrush	OBL																					
<i>Scutellaria latifolia</i>	Mad Dog Skullcap	OBL																					
<i>Securigera varia</i>	Crown Vetch	UPL																					
<i>Senecio hieraciifolius</i>	American Burnweed	FAC											X		X								
<i>Setaria faberi</i>	Japanese Bristle Grass	FACU													X		X						
<i>Setaria pumila</i>	Yellow Bristle Grass	FAC														X							

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Scientific Name	Common Name	Wetland Indicator Status	State Status	W48-7	W48-8	W48-9	W49-1	W49-2	W49-3	W49-4	W49-5	W49-6	W55-1	W55-2	W56-1	W56-2	W56-3	W56-4	W56-5	W56-6	W56-7	W57-1	W57-2
<i>Sicyos angulatus</i>	One-Seed Burr-Cucumber	FACW																					
<i>Sium suave</i>	Hemlock Water-Parsnip	OBL														X	X						
<i>Smilax hispida</i>	Chinaroot	FAC																					
<i>Smilax lasioneura</i>	Illinois Carrion Flower	UPL																					
<i>Smilax rotundifolia</i>	Horsebrier	FAC																					
<i>Smilax sp.</i>																							
<i>Solanum carolinense</i>	Carolina Horse-Nettle	FACU												X									
<i>Solanum dulcamara</i>	Climbing Nightshade	FAC																					X
<i>Solidago altissima</i>	Tall Goldenrod	FACU												X	X			X				X	X
<i>Solidago canadensis</i>	Canadian Goldenrod	FACU																					
<i>Solidago gigantea</i>	Late Goldenrod	FACW																					
<i>Solidago glaberrima</i>	Eastern Missouri Goldenrod	UPL																					
<i>Solidago juncea</i>	Early Goldenrod	UPL																					
<i>Solidago patula</i>	Round-Leaf Goldenrod	OBL																					
<i>Solidago rigida</i>	Hard-Leaf Flat-Top-Goldenrod	FACU																					
<i>Solidago rigidiuscula</i>	Prairie Goldenrod	UPL																					
<i>Solidago rugosa</i>	Wrinkle-Leaf Goldenrod	FAC																					
<i>Solidago sp.</i>																							
<i>Solidago speciosa</i>	Showy Goldenrod	UPL																					
<i>Solidago uliginosa</i>	Bog Goldenrod	OBL														X							
<i>Sonchus arvensis ssp. uliginosus</i>	Field Sow-Thistle	FACU																					
<i>Sonchus asper</i>	Spiny-Leaf Sow-Thistle	FACU																					
<i>Sonchus oleraceus</i>	Common Sow-Thistle	FACU																					
<i>Sorghastrum nutans</i>	Yellow Indian Grass	FACU																	X			X	
<i>Sorghum halpense</i>	Johnson Grass	FACU																					
<i>Sparganium sp.</i>																							
<i>Spartina pectinata</i>	Freshwater Cord Grass	FACW																					
<i>Spiraea alba</i>	White Meadowsweet	FACW																					
<i>Spiraea tomentosa</i>	Steeplebush	FACW																					
<i>Stachys hispida</i>	Lamb's-Ears	UPL																					
<i>Stachys pilosa</i>	Hairy Hedge-Nettle	FACW																					
<i>Stellaria media</i>	Common Chickweed	FACU																					
<i>Symphoricarpos albus var. laevigatus</i>	Common Snowberry	FACU																	X				
<i>Symphoricarpos occidentalis</i>	Western Snowberry	UPL																					
<i>Symphyotrichum laeve</i>	Smooth Blue American-Aster	FACU																					
<i>Symphyotrichum lanceolatum</i>	White Panicked American-Aster	FAC																					

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Scientific Name	Common Name	Wetland Indicator Status	State Status	W48-7	W48-8	W48-9	W49-1	W49-2	W49-3	W49-4	W49-5	W49-6	W55-1	W55-2	W56-1	W56-2	W56-3	W56-4	W56-5	W56-6	W56-7	W57-1	W57-2
<i>Symphyotrichum lateriflorum</i>	Farewell-Summer	FACW																					
<i>Symphyotrichum ontarionis</i>	Ontario American-Aster	FAC																					
<i>Symphyotrichum parviceps</i>	Small White Aster	UPL														X							
<i>Symphyotrichum pilosum</i>	White Oldfield American-Aster	FACU																					
<i>Symphyotrichum racemosum</i>	Fragile-Stem American-Aste	FACW																					
<i>Symphyotrichum sp.</i>																							
<i>Symplocarpus foetidus</i>	Skunk-Cabbage	OBL									X	X											
<i>Taraxacum officinale</i>	Common Dandelion	FACU																					
<i>Teucrium canadense</i>	American Germander	FACW																					
<i>Thalictrum dasycarpum</i>	Purple Meadow-Rue	FACW																					
<i>Thelypteris palustris</i> var. <i>pubescens</i>	Eastern Marsh Fern	OBL																X	X				
<i>Tilia americana</i>	American Basswood	FACU																					
<i>Toxicodendron radicans</i>	Eastern Poison-Ivy	FAC																					X
<i>Tradescantia ohiensis</i>	Bluejacket	FACU													X		X						
<i>Tragopogon dubius</i>	Sand Goat’s-Beard	UPL																					
<i>Tridens flavus</i>	Purple-Top	UPL																					
<i>Trifolium hybridum</i>	Alsike Clover	FACU																					
<i>Trifolium pratense</i>	Red Clover	FACU																					
<i>Trillium grandifolium</i>	Large White Trillium	UPL																					
<i>Trillium recurvatum</i> ¹¹	Bloody-butcher	FACU																					
<i>Typha angustifolia</i> ¹²	Narrow-Leaf Cat-Tail	OBL												X ¹²		X ¹²			X ¹²	X ¹²	X ¹²	X ¹²	X ¹²
<i>Typha latifolia</i> ¹²	Broad-Leaf Cat-Tail	OBL		X ¹²	X ¹²	X ¹²			X ¹²		X ¹²			X ¹²				X ¹²					
<i>Typha x glauca</i> ¹²	Hybrid Cat-Tail	OBL																					
<i>Ulmus americana</i>	American Elm	FACW											X				X						
<i>Ulmus pumila</i>	Siberian Elm	UPL																					
<i>Ulmus rubra</i>	Slippery Elm	FAC																					
<i>Urtica dioica</i> ssp. <i>gracilis</i>	Tall Nettle	FACW													X								
<i>Vaccinium angustifolium</i>	Late Lowbush Blueberry	FACU																					
<i>Verbascum thapsus</i>	Woolly Mullein	UPL																					
<i>Verbena hastata</i>	Simpler's-Joy	FACW			X																X		
<i>Verbena stricta</i>	Hoary Vervain	UPL												X									
<i>Verbena urticifolia</i>	White Vervain	FAC												X	X		X						
<i>Verbesina alternifolia</i>	Wingstem	FACW																					
<i>Vernonia fasciculata</i>	Prairie Ironweed	FACW																					
<i>Vernonia gigantea</i>	Smooth Tall Ironweed	FAC																					
<i>Veronicastrum virginicum</i>	Culver's-Root	FAC																					

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<i>Viburnum acerifolium</i>	Maple-Leaf Arrow-Wood	UPL																					
<i>Viburnum lentago</i>	Nanny-Berry	FAC																X					
<i>Viburnum opulus</i> var. <i>opulus</i>	Highbush-Cranberry	FAC																					
<i>Viburnum prunifolium</i>	Smooth Blackhaw	FACU																					
<i>Viburnum recognitum</i> ¹³	Smooth Arrow-Wood	FAC																X ¹³	X ¹³			X	
<i>Viburnum</i> sp.																							
<i>Vicia tetrasperma</i>	Four-Seed Vetch	UPL																					
<i>Vinca minor</i>	Common Periwinkle	UPL																					
<i>Viola sororia</i>	Hooded Blue Violet	FAC																					
<i>Vitis aestivalis</i>	Summer Grape	FACU																					
<i>Vitis labrusca</i>	Fox Grape	FACU																					
<i>Vitis riparia</i>	River-Bank Grape	FACW												X	X	X	X	X		X		X	
<i>Vitis</i> sp.																							
<i>Vitis vulpina</i>	Frost Grape	FAC																					
<i>Xanthium strumarium</i>	Rough Cocklebur	FAC																					
<i>Yucca smalliana</i>	Yucca	UPL																					
<i>Zanthoxylum americanum</i>	Toothachetree	FACU																					

1 *Ampelopsis brevipedunculata* has not previously been documented for Indiana; although there are scattered known occurrences from all bordering states. This species was field identified, so there are no voucher specimens against which to confirm the identification. Since there are no other vines with a similar leaf pattern, the account will be retained on the list as a questionable occurrence. This species was not identified from within any wetlands.

2 Changed *Asclepias lanuginosa* in the original report to *Asclepias longifolia* (=A. *hirtella*). This species was not identified from within any wetlands.

3 Although most of these sedges were identified as *Carex grayii*, the potential exists that some may have been the similar *Carex intumescens*. Because it is not possible at this time to determine which habitat units the correction should be made, the individual habitat occurrences have not been revised with the understanding that some of these could potentially be *Carex intumescens*.

4 Changed *Chrysopsis villosa* for habitat units H24 and H33 in the original report to *Heterotheca subaxillaris*. These individuals were not identified from within any wetlands.

5 Changed *Hypericum prolificum* in the original report to *Hypericum kalmianum* for wetland W36-4.

6 Changed *Lilium philadelphicum* var. *andinum* in the original report to *Lilium michiganense* for wetlands W38-1 and W42-1.

7 Changed *Agalinis aspera* for habitat unit H34 in the original report to *Linaria vulgaris*. This individual was not identified from within a wetland.

8 Changed *Shepherdia canadensis* for habitat unit H10 in the original report to *Lonicera* sp./ *Ligustrum* sp. This individual was not identified from within a wetland.

9 Changed *Trichostema dichotomum* in the original report to *Lythrum salicaria* for wetland W42-2.

10 Changed *Ribes triste* for habitat unit H25 in the original report to *Ribes rubrum*. This individual was not identified from within a wetland.

11 Changed *Trillium sessile* in the original report to *Trillium recurvatum* for wetland W39-4.

12 Although all of the cattails encountered within the project area were identified as either *Typha angustifolia* or *Typha latifolia*, several of these occurrences might have been the hydrid *Typha x glauca*. Because it is not possible at this time to determine which habitat units the correction should be made, the individual habitat occurrences have not been revised with the understanding that some of these could potentially be *Typha x glauca*.

13 Changed *Viburnum dentatum* in the original report to *Viburnum recognitum* for wetlands W56-4 and W56-5.

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