



APPENDIX E

ELC Communities

Table E1: ELC Communities Found in the Project Location

ELC Code	Classification	Soils	Vegetation	Comments/Photo Record
CGL_2	Parkland	n/a	Maintained parkland, no natural vegetation cover present.	n/a
CVC_1	Business Sector	n/a	No natural vegetation cover.	n/a
CVC_4	Extraction	n/a	n/a	An abandoned small gravel quarry.
CVR_1	Low Density Residential		Maintained residential areas, no natural vegetation cover.	Numerous residential areas are located within 120 m of the project location.
CVR_4	Rural Property	n/a	Maintained residential areas and farm infrastructure, no natural vegetation cover.	Numerous rural properties are located within 120 metres of the project location. See Photo 62 in Appendix C
FOC	Coniferous Forest	n/a	Forested vegetation community dominated by coniferous species.	n/a
FOCM2-2	Dry – Fresh White Cedar Coniferous Forest Type	Clay, organics 10 cm, silty loam	A conifer community dominated by Eastern White Cedar (<i>Thuja occidentalis</i>). Other trees and shrubs include Yellow Birch (<i>Betula allegheniensis</i>) with Wild Black Currant (<i>Ribes americanum</i>) and Choke Cherry (<i>Prunus virginiana</i>). Herbaceous species include Field Horsetail (<i>Equisetum arvensis</i>) and Jack-in-the pulpit (<i>Arisaema triphyllum</i>).	See Photo 2 in Appendix C.
FOCM4-1	Fresh – Moist White Cedar Coniferous Forest Type	n/a	This conifer community is dominated by Eastern White Cedar. Other trees present include Green Ash (<i>Fraxinus pennsylvanica</i>), White Elm (<i>Ulmus americana</i>) and Sugar Maple (<i>Acer saccharum</i>).	See Photo 3 in Appendix C.
FOCM4-3	Fresh – Moist Cedar – Balsam Fir Coniferous Forest Type	Very fine silty loam	A community with abundant Balsam Fir (<i>Abies balsamea</i>) and occasional White Spruce (<i>Picea glauca</i>).	See Photo 4 in Appendix C.
FOCM6	Naturalized Coniferous Plantation	Fine sand, silty loam	Abundant with Norway Spruce (<i>Picea abies</i>), Red Pine (<i>Pinus resinosa</i>), Scots Pine and Wild Red Raspberry (<i>Rubus idaeus</i>). Occasional trees include Tamarack (<i>Larix laricina</i>) and Black Cherry (<i>Prunus serotina</i>). Herbaceous species include Woodland Burdock (<i>Arctium minus ssp. nemorosum</i>), Upright Yellow Wood Sorrel (<i>Oxalis stricta</i>), Bladder Campion (<i>Silene latifolia</i>), Canada Enchanter's Nightshade (<i>Circaea lutetiana ssp. canadensis</i>), and Canada Mayflower (<i>Maianthemum canadense</i>).	See Photo 5 in Appendix C.
FOD	Deciduous Forest	n/a	Forested vegetation community dominated by deciduous species.	n/a
FODM2-4	Dry – Fresh Oak – Hardwood Deciduous Forest Type	Silty loam	Abundant with Red Oak (<i>Quercus rubra</i>) and Green Ash. Occasional White Elm (<i>Ulmus americana</i>) is present. All other tree species are rare throughout. Herbaceous species include Common Strawberry, Tall (<i>Fragaria virginiana</i>), Goldenrod (<i>Solidago sp.</i>), Sedge (<i>Carex sp.</i>) and avens (<i>Geum sp.</i>).	See Photo 6 in Appendix C.
FODM3-1	Dry – Fresh Poplar Deciduous Forest Type	Fine sandy loam	Balsam Poplar (<i>Populus balsamifera</i>) dominates with other Poplar species including Trembling Aspen (<i>Populus tremuloides</i>). Other common species include Slender Willow (<i>Salix petiolaris</i>) and Red-osier Dogwood (<i>Cornus stolonifera</i>).	See Photo 7 in Appendix C.
FODM5-1	Dry – Fresh Sugar Maple Deciduous Forest Type	Silty loam	A diverse community dominated by Sugar Maple (<i>Acer saccharum</i>) with Alternate-leaved Dogwood (<i>Cornus alternifolia</i>) and Choke Cherry in the understorey, and False Solomon's Seal (<i>Maianthemum racemosum</i>) in the ground layer. Other species found within some areas include American Beech (<i>Fagus grandifolia</i>), Trout Lily (<i>Erythronium americanum</i>), Virginia Waterleaf (<i>Hydrophyllum virginianum</i>), Blue Cohosh (<i>Caulophyllum thalictroides</i>) and Herb Robert (<i>Geranium robertianum</i>).	Perhaps the most abundant vegetation type broadly represented throughout the area with numerous sections within 120 metres of the project location. Some parcels within the project location have been selectively harvested for lumber. Some sites are disturbed as they are open to cattle and may have numerous American Beech suckers. See Photo 8 in Appendix C.
FODM5-4	Dry – Fresh Sugar Maple – Ironwood Deciduous Forest Type	n/a	Dominant tree species include Sugar Maple and Ironwood (<i>Ostrya virginiana</i>).	A forest community typical of sites managed or disturbed by cutting. See Photo X in Appendix C
FODM5-7	Dry – Fresh Sugar Maple – Black Cherry Deciduous Forest Type	Silty loam/sand	Sugar Maple dominates with occasional Black Cherry. Abundant herbaceous species include Trout Lily, Herb Robert and occasional Wild leek and Climbing bittersweet.	This community is a large area in the central portion within 120 m of the project location along

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				the 230KV Line.
FODM5-9	Dry-Fresh Sugar Maple-Hardwood Deciduous Forest Type	n/a	Sugar maple dominates with occasional White Ash (<i>Fraxinus americana</i>), Black Cherry, American Beech and American Basswood (<i>Tilia americana</i>). White birch (<i>Betula papyrifera</i>) is present but rare. Red-osier dogwood can also be found.	See Photo 9 in Appendix C.
FODM6-1	Fresh – Moist Sugar Maple – Lowland Ash Deciduous Forest Type	n/a	A community dominated by Sugar Maple and Green Ash with occasional Balsam Poplar (<i>Populus balsamifera</i>).	See Photo 10 in Appendix C.
FODM8-1	Fresh – Moist Poplar Deciduous Forest Type	Very fine sandy loam	Balsam Poplar and Trembling Aspen dominate this community, with mixtures of Balsam Fir, White Elm and Yellow Birch (<i>Betula allegheniensis</i>). Green ash can be found occasionally, along with Rough Stemmed Goldenrod (<i>Solidago rugosa</i>), Panicked Aster (<i>Aster lanceolatus ssp. lanceolatus</i>) and Red-osier Dogwood.	See Photo 11 in Appendix C.
FOM	Mixed forest	Silty loam	This community did not fit any descriptions based on field observations. It was a blend of coniferous and deciduous trees in equal proportions including Eastern Hemlock (<i>Tsuga canadensis</i>), Balsam Fir, American Beech, Black Cherry and White Elm. Herbaceous plants observed include Broad Leaved Dock (<i>Rumex obtusifolius</i>), Herb Robert and Intermediate Wood Fern (<i>Dryopteris intermedia</i>).	n/a
FOMM8-1	Fresh – Moist Poplar Mixed Forest	n/a	A Trembling Aspen and Balsam Poplar community with occasional Tamarack and Scots Pine. Rare occurrences of White Birch and Eastern White Cedar. Herbaceous plants found include Goldenrod Common Milkweed (<i>Asclepias syriaca</i>), Aster and Orchard Grass (<i>Dactylis glomerata</i>).	See Photo 12 in Appendix C.
FOMM8-2	Fresh – Moist White Birch Mixed Forest Type	n/a	This community is dominated by White Birch and Eastern Tamarack. Other species commonly observed include Green Ash, White Spruce and Balsam Poplar. Common shrub species such as Red-osier Dogwood and Pussy Willow (<i>Salix discolor</i>) are also present.	See Photo 13 in Appendix C.
FOMM10	Fresh – Moist Spruce/Fir – Hardwood Mixed Forest Ecosite	Silty loam	A Yellow Birch, Eastern White Cedar and Balsam Fir community. In some areas, Sugar Maple, Black Cherry, and Eastern Hemlock are also abundant. Wild Red Raspberry and Spinulose Wood Fern (<i>Dryopteris carthusiana</i>) are common on the ground.	See Photo 14 in Appendix C.
FOMM10*	Fresh – Moist Spruce/Fir – Sugar Maple Mixed Forest Ecosite	Silty Loam	This community is dominated by Sugar Maple, with an abundance of White Spruce and Balsam Fir. Herb Rober and Intermediate Wood Fern (<i>Dryopteris intermedia</i>) can be found on the ground.	n/a
MAMM1-2	Cattail Graminoid Mineral Meadow Marsh	n/a	This small inclusion contains abundant Narrow-leaved Cattail (<i>Typha angustifolia</i>), with Reed Canary Grass (<i>Phalaris arundinacea</i>) and a sedge species (<i>Carex sp.</i>) also abundant. Other species present include Water Smartweed (<i>Polygonum amphibium</i>), Fowl Manna Grass and Creeping Buttercup (<i>Ranunculus repens</i>)	See Photo 15 in Appendix C
MAMM1-3	Reed Canary Grass Graminoid Mineral Meadow Marsh Type	Silty loam, Silty sand, Clay, silty clay	This community is dominated by Reed Canary Grass; Purple-stemmed Aster (<i>Aster puniceus</i>) is also abundant. In some areas, Canada Blue Joint (<i>Calamagrostis canadensis</i>), Water Avens (<i>Geum rivale</i>), Canada Goldenrod (<i>Solidago canadensis</i>) and Wild Black Currant (<i>Ribes americanum</i>) can be found.	This community is one of the most common and is found in many locations on the edge of Melancthon PSW and within 120 metres of the project location. Some communities are adjacent to open pasture and may be used by cattle in the summer. See Photo 16 in Appendix C.
MAMM1-5	Fowl Manna Grass Graminoid Mineral Meadow Marsh Type	n/a	A mineral meadow marsh community mainly dominated by Fowl Manna Grass.	n/a
MAMM1-6	Tall Manna Grass Graminoid Mineral Meadow Marsh Type	n/a	A mineral meadow marsh community mainly dominated by Tall Manna Grass.	n/a
MAMM1-9	Narrow-leaved Sedge Graminoid	n/a	A mineral meadow marsh community mainly dominated by Narrow-leaved sedge species.	See Photo 17 in Appendix C

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	Mineral Meadow Marsh			
MAMM2-6	Joe Pye Weed Forb Mineral Meadow Marsh Type	Silt Loam	This community is dominated with Spotted Joe Pye Weed (<i>Eupatorium maculatum ssp. Maculatum</i>). Reed Canary Grass and Alder-leaved Buckthorn (<i>Rhamnus alnifolia</i>) are also common.	See Photo 18 in Appendix C.
MAMM3-1	Mixed Mineral Meadow Marsh Type	n/a	This community is dominated by Reed Canary Grass and Goldenrods.	n/a
MAMO1-3	Reed Canary Grass Gramnoid Organic Meadow Marsh Type	Organic soil = 44 cm with mottles, silty clay	This community is dominated by Reed Canary Grass. Other common species found include Hairy Willow Herb (<i>Epilobium hirsutum</i>), Climbing Bittersweet (<i>Solanum dulcamara</i>) and Blue Vervain (<i>Verbena 3astate</i>).	See Photo 19 in Appendix C.
MASM1-1	Cattail Mineral Shallow Marsh Type	Silty clay, mesic organic accumulations up to 53 cm at one site	Common Cattail (<i>Typha latifolia</i>) dominates this community with smaller pockets of Reed Canary Grass and some Sedge species including Green Sedge (<i>Carex viridula</i>) and Yellow Sedge (<i>Carex flava</i>). Wild Blue Flag (<i>Iris versicolor</i>) is also common.	See Photo 20 in Appendix C.
MASM1-5	Broad Leaved Sedge Mineral Shallow Marsh Type	Clay, organics 10 cm	Beaked Sedge (<i>Carex utriculata</i>) is abundant within this community. Other species commonly found include Sensitive Fern (<i>Onoclea sensibilis</i>), Wild Blue Flag, Reed Canary Grass, and Common Hop Sedge (<i>Carex lupulina</i>).	See Photo 21 in Appendix C.
MASM1-14	Reed Canary Grass Mineral Shallow Marsh Type	n/a	Reed canary grass dominates this community. Sedge species can also be found occasionally.	n/a
MEFM1-1	Goldenrod Forb Meadow Type	n/a	This community is dominated by Goldenrod species, such as Canada Goldenrod. Other herbaceous species commonly found include Wild Carrot (<i>Daucus carota</i>), Common Mullein (<i>Verbascum Thapsus</i>) and Cow Vetch (<i>Vicia cracca</i>). In one area, Spreading Dogbane (<i>Apocynum androsaemifolium ssp. Androsaemifolium</i>) is abundant.	See Photo 22 in Appendix C.
MEFM4	Fresh-Moist Forb Meadow Ecosite	n/a	Common species found within this community include Common Milkweed, Canada Goldenrod, Spotted Joe Pye Weed and various other Goldenrod and Aster species.	See Photo 23 in Appendix C.
MEGM3-5	Smooth Brome Graminoid Meadow Type		A graminoid meadow community dominated by Smooth Brome.	n/a
MEGM3-8	Reed canary grass graminoid meadow type	n/a	Reed canary grass dominated with occasional occurrences of Smooth brome (<i>Bromus inermis ssp. Inermis</i>) and Canada goldenrod (<i>Solidago canadensis</i>).	This community is found along feeder line. See Photo 24 in Appendix C.
MEGM4-1	Open Graminoid Meadow Type	n/a	This community is dominated by Reed Canary Grass and Goldenrod.	A low quality forb community.
MEMM3	Dry-Fresh Mixed Meadow Ecosite	Silty loam, depth of organics 1cm	Non-native plants such as Cow vetch and Orchard grass are abundant within this community. Occassionally, Canada Goldenrod and Smooth Brome (<i>Bromus inermis</i>) can be found	See Photo 25 in Appendix C.
MEMM4	Fresh – Moist Mixed Meadow Ecosite	Silty loam	Reed Canary Grass interspersed with Slender and Pussy Willow. Boneset (<i>Eupatorium perfoliatum</i>), Wild Mint (<i>Mentha arvensis ssp. Borealis</i>) and Field Horsetail (<i>Equisetum arvensis</i>) are common. In some area Annual Daisy Fleabane (<i>Erigeron annuus</i>), Alfalfa (<i>Medicago sativa</i>) and Canada Goldenrod can be found abundantly.	Several small patches found within the project location and setback, surrounded by wetland and agricultural pastures with row crops. See Photo 26 in Appendix C.
MEGM4-1	Open Graminoid Meadow Type	Silty clay/loam	This Community Consists of Narrow Leaved Meadow Sweet (<i>Spiraea alba</i>) with occasional Slender and Bebb's willows (<i>Salix bebbiana</i>). Reed Canary Grass is the dominant herbaceous species. Round-leaved Dogwood (<i>Cornus rugosa</i>) can be found occasionally.	See Photo 27 in Appendix C.
OAGM1	Annual Row Crop	n/a	Actively farmed cropland. Crops present in the general study include potatoes, soybeans, rhubarb and corn.	See Photo 59 in Appendix C.
OAGM2	Perennial Cover Crop	n/a	Open grass dominated communities actively maintained for hay production.	See Photo 60 in Appendix C.
OAGM4	Open Pasture	n/a	Open grass dominated communities actively grazed by livestock.	See Photo 61 in Appendix C.
OAO	Open Aquatic	n/a	Vegetation around the edges of these open water communities to depths of < 2 metres includes	Most of these communities exist as small open

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			floating mats of Common Duckweed (<i>Lemna minor</i>).	natural or irrigation ponds. See Photo 28 in Appendix C.
SAGM4	Medium Mineral Orchard Type	n/a	A treed vegetation community dominated by domesticated fruit trees.	n/a
SAS1	Shallow Submerged Aquatic Ecosite	n/a	Pondweed species (<i>Potamogeton sp.</i>) persists as the dominant submerged aquatic species.	See Photo 29 in Appendix C.
SWCM1-2	White Cedar Conifer Mineral Coniferous Forest Type	Clay, silty clay/loam	Balsam Fir and Eastern White Cedar dominate this community with occasional Eastern Tamarack and Trembling Aspen. Helleborine (<i>Epipactis helleborine</i>) and Fowl Manna Grass (<i>Glyceria striata</i>) are common on the ground. In one area, there are abundant Bunchberry (<i>Cornus canadensis</i>), Goldthread (<i>Coptis groenlandica</i>), and Common Strawberry.	See Photo 30 in Appendix C.
SWD	Deciduous Swamp	n/a	A treed wetland community dominated by deciduous species.	n/a
SWDM2-1	Black ash mineral deciduous swamp type	Silty loam, clay	This community is scattered with hummocks which provide good habitat for Marsh speedwell (<i>Veronica scutellata</i>) and Three leaved solomon's seal (<i>Maianthemum trifolium</i>). Balsam poplar and Black ash are occasional with Eastern white cedar. Dominant herbaceous species include Spotted joe pyeweed and Rough stemmed goldenrod	One community exists with the Melancthon PSW in the south central portion of the project location along 230 KV Line.
SWDM3-1	Red Maple Deciduous Swamp Type	Clay, silty clay	Common tree species found within this community include Red Maple (<i>Acer rubrum</i>), White Birch and Balsam Fir. Common shrub species found include Common Elderberry (<i>Sambucus canadensis</i>) and Choke Cherry. In drier sections, Trout Lily can be found on the ground. In some areas, vernal pools are present; common species found within these pools include Spotted Joe Pye Weed, Climbing Bittersweet, Wild Red Raspberry, Sensitive Fern and Fowl Manna Grass. One area in particular is abundant in Mountain Holly (<i>Nemopanthus mucronatus</i>).	See Photo 31 in Appendix C.
SWDM4-1	Willow Mineral Deciduous Swamp	n/a	White Willow (<i>Salix alba</i>) and other Willow species are found throughout this community. Reed Canary Grass, Broad-leaved Cattail (<i>Typha latifolia</i>), and Panicked Aster are abundant.	See Photo 32 in Appendix C.
SWDM4-3	White Birch – Poplar Mineral Deciduous Swamp	n/a	White birch is abundant with rare occurrences of Trembling aspen, Eastern white cedar, and Red maple. Reed canary grass is the dominate vegetation in the 0.5 to 2 m height range.	Assessed from rail bed right-of-way. Community is found along the 230KV Line. See Photo 33 in Appendix C.
SWDM4-5	Poplar mineral deciduous swamp type	Very fine sand, Silt, Silty clay/loam	Balsam Poplar, White Elm, Green Ash, and Trembling Aspen are the dominant tree species found within the canopy of this community. Red-osier Dogwood and Reed Canary Grass are commonly found. In some areas, Spotted joe Pye Weed, Hellborine, Spotted Touch-me-not (<i>Impatiens capensis</i>). Blue Joint Grass and Mountain Holly are abundant.	This community is primarily within the Melancthon Provincially Significant Wetland (PSW). See Photo 34 in Appendix C.
SWDO1-2	Green Ash Organic Deciduous Swamp	n/a	This community is Green Ash dominated, with White Elm and White Birch. Reed Canary Grass is the dominant ground-layer vegetation.	See Photo 35 in Appendix C.
SWDO2-3	Swamp Maple Organic Deciduous Swamp	Mesic organic, 83 cm of organics	Freeman's Maple (<i>Acer X freemanii</i>) is abundant in this community with occasional White Birch, Trembling Aspen and Balsam Poplar. Occasionally, shrubs such as Red-osier dogwood and Winterberry (<i>Ilex verticillata</i>) can be found. Herbaceous plants observed include Reed Canary Grass, Sensitive Fern and Fowl Manna Grass.	See Photo 36 in Appendix C.
SWMM1-1	White Cedar – Hardwood Mineral Mixed Swamp Type	Clay, silty clay	Eastern White Cedar dominates this community, with Balsam Fir, Black Ash (<i>Fraxinus nigra</i>), and Yellow Birch found occassioanlly. Bladder Sedge (<i>Carex intumescens</i>) and Wire sedge (<i>Carex lasiocarpa</i>) were observed frequently on the ground.	See Photo 37 in Appendix C.
SWMM2-1	Red Maple – Conifer Mineral Mixed Swamp Type	Silty clay	Balsam Fir is dominant within this community, with occasional Black Cherry and White Birch. Equal amounts of Lady Fern (<i>Athurium sp.</i>), Sensitive Fern, Spinulose Wood Fern and Tall Buttercup (<i>Ranunculus acris</i>) can be found as herbs in the ground layer.	See Photo 38 in Appendix C.
SWMM3-1	Yellow Birch-conifer mineral mixed swamp type		A mixed swamp community with Yellow Birch and various conifer species.	See Photo 39 in Appendix C.

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SWMM3-2	Poplar-Conifer Mineral Mixed Swamp Type	Loamy Sand, Silty loam, very fine sand, 1 site had silty clay, 35 cm of organics	Trembling Aspen is abundant within this community, with Black Ash, Eastern White Cedar, White Spruce, Balsam Fir, Balsam Poplar and Yellow Birch. Red-osier dogwood, Wild red raspberry, Sensitive Fern, Field Horsetail, Fowl manna grass (<i>Glyceria striata</i>) and Spotted touch-me-not are also found.	See Photo 40 in Appendix C.
SWMM3-2a	Poplar – Fir Mineral Mixed Swamp Type	n/a	This community is dominated by Balsma Fi, White birch, and Trembling aspen. Reed Canary Grass is common in this community.	n/a
SWMM4	Ash Mineral Mixed Swamp Ecosite	Clay, fine sandy silty clay with fibric organic accumulations up to 66 cm at one site	This community is dominated with Eastern White Cedar, Green Ash, White Elm and Black Ash. Herb Robert, Spotted Joe Pye Weed, and Marsh marigold (<i>Caltha palustris</i>) area common on the ground. In one area, Stunted Sedge (<i>Carex magellanica ssp. Irrigua</i>) was found.	See Photo 42 in Appendix C.
SWMM4-2	Black Ash – Conifer Mixed Swamp Type	Organics between 37 cm, 1 site had mesic and humic accumulations of 66 cm, Clay	Black Ash dominates the canopy layer, with Fowl Manna Grass and Spotted Touch-me-not as the abundant herbaceous layer vegetation.	See Photo 41 in Appendix C.
SWMM5-1	Balsam Fir – Hardwood Mineral Mixed Swamp Type	n/a	Balsam Fir dominates this community, with occasional Red Maple and Balsam Poplar. Abundant herbaceous species include Canada Mayflower and Dwarf Raspberry (<i>Rubus pubescens</i>).	See Photo 43 in Appendix C.
SWMM5-2	Tamarack – Hardwood Mineral Mixed Swamp	Fine sand	Eastern Tamarack is dominant within this community. Red-oiser Dogwood, New England Aster (<i>Aster novae-angliae</i>) and Silvery cinquefoil (<i>Potentilla anserina</i>) are common on the ground.	See Photo 44 in Appendix C.
SWMO2-1	Red Maple – Conifer Oragnic Mixed Swamp Type	Humic organic	This community is dominated by Red Maple and Trembling Aspen, with occasional occurrences of Balsam Fir, Green Ash, White Birch, Yellow Birch, and Spruce. Herbaceous species observed include Sensitive Fern, Flow Manna Grass, Northern buggleweed (<i>Lycopus uniflorus</i>) and Spinulose Wood Fern.	See Photo 45 in Appendix C.
SWMO3-3	White Birch – Conifer Organic Mixed Swamp	n/a	White Birch is abundant in this community with occasional Eastern White Cedar. Rare occurrences of Red-osier Dogwood and Tamarack are present.	See Photo 46 in Appendix C.
SWMO4-1	Balsam fir-Hardwood organic mixed swamp type	Silty clay	This community is dominated by Trembling Aspen, Yellow Birch and Balsam Fir. Red-osier Dogwood, Reed Canary Grass, and Spotted Touch-me-not were also observed.	n/a
SWT	Thicket Swamp	n/a	A wetland community dominated by shrub species.	n/a
SWTM1-1	Speckled Alder Mineral Deciduous Thicket Swamp Type	n/a	This community is dominated by Speckled Alder (<i>Alnus incana ssp. rugosa</i>) with abundant Reed Canary Grass. Species found occasionally include Spotted Jewel-weed (<i>Impatiens capensis</i>), Spotted Joe Pye Weed (<i>Eupatorium maculatum</i>) and Cattail.	See Photo 47 in Appendix C.
SWTM2-1	Red-osier Dogwood Mineral Deciduous Thicket Swamp Type	Clay	This community is dominated by Red-osier Dogwood. Bebb's Willow, Common Hop Sedge, and Tuckerman's Sedge (<i>Carex tuckermanii</i>) was also observed.	See Photo 48 in Appendix C.
SWTM3-1	Missouri Willow Mineral Deciduous Thicket Swamp	Very fine sand	This community is dominated primarily by Missouri Willow (<i>Salix eriocephala</i>) and Reed Canary Grass. Redtop Grass (<i>Agrostis gigantea</i>) and Grass Leaved Goldenrod are abundant.	See Photo 49 in Appendix C.
SWTM3-2	Bebb's Willow Mineral Deciduous Thicket Swamp	n/a	This community contains Bebb's willow, red-osier dogwood, white birch and eastern white cedar in the shrub layer. Herbaceous species present include field hawkweed (<i>Hieracium caespitosum ssp. caespitosum</i>), field horsetail and reed canary grass.	See Photo 50 in Appendix C.
SWTM3-3	Slender Willow Mineral Deciduous Thicket Swamp	Silt, Loamy very fine sand	A mixture of Bebb's Willow and Slender Willow dominate this community. Balsam Poplar can be found occasionally. Herbaceous plants observed include Marsh Marigold, Crested Shield Fern (<i>Dryopteris cristata</i>) and Wild Mint. Some areas have abundant Red-osier Dogwood.	See Photo 51 in Appendix C.
SWTM3-5	Pussy Willow Mineral Deciduous	n/a	This community is dominated by Pussy Willow and Cattail, with occasional occurrences of Sandbar	See Photo 52 in Appendix C.

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	Thicket Swamp		Willow (<i>Salix exigua</i>), Red-osier Dogwood, Spotted Jewel-weed and Carex species.	
SWTM3-6	Mixed Willow Mineral Deciduous Thicket Swamp	Silty clay, silt, organics 30 cm	Abundant Slender Willow can be found within this community, interspersed with other Willows such as Bebb's willow and Pussy willow. Other species commonly observed include Red-osier Dogwood, Reed Canary Grass, and Spotted Joe Pye Weed. A fen indicator species, Stunted Sedge (<i>Carex magellanica</i>) was found in one area.	See Photo 53 in Appendix C.
SWTO2-3	Slender Willow Organic Deciduous Thicket Swamp	Fibric organic	Slender Willow dominates this community; however Pussy Willow is also abundant. One of the only populations of Hoary Sedge (<i>Carex canescens</i>) and Leatherleaf (<i>Chamaedaphne calyculata</i>) occurs within this community.	See Photo 54 in Appendix C.
SWTO2-6	Mixed Willow Organic Deciduous Thicket Swamp	Humic organic, 53 cm of organics	Sandbar Willow is abundant in this community, with Bebb's Willow and Reed Canary Grass. Red-osier Dogwood is found occasionally, along with rare occurrences of Broad-leaved Cattail.	See Photo 55 in Appendix C.
TAGM1	Coniferous Plantation	n/a	This vegetation community is dominated by planted coniferous tree species (e.g. white spruce, red pine)	Small patches of coniferous plantation are found throughout the general study area. See Photo 1 in Appendix C.
THDM2-1	Sumac Deciduous Shrub Thicket Type		A shrub thicket community dominated by Staghorn Sumac (<i>Rhus typhina</i>).	n/a
THDM2-4	Gray Dogwood Deciduous Shrub Thicket Type	n/a	Gray Dogwood (<i>Cornus racemosa</i>) dominates this community. Balsam Poplar, Black Chokeberry (<i>Aronaria melancarpa</i>) and Common Wood Sorrel (<i>Oxalis montana</i>) were also observed.	n/a
THMM1-1	Native Mixed Regeneration Thicket	n/a	This community is dominated by Scots Pine, Tamarack and Eastern White Cedar. Rare occurrences of White Birch and Poplar species was also noted.	Photo 56 in Appendix C.
WODM5-1	Fresh – Moist Poplar Deciduous Woodland	n/a	A woodland community dominated by poplar species.	n/a
WOFM4-3	Sugar Maple Deciduous Woodland	n/a	A woodland community dominated by Sugar Maple.	See Photo 58 in Appendix C
SWM	Generic Swamp	n/a	A treed wetland community.	n/a
WOMM4	Fresh-Moist mixed woodland ecosite	Silt	Abundant with Canada goldenrod, Rough goldenrod (<i>Solidago rugosa ssp. rugosa</i>), Common Strawberry, Red raspberry and Choke cherry	This Ecosite is surrounded by deciduous swamp, mixed meadow and row crops. One patch is in the northwestern portion of the project location. See Photo 57 in Appendix C.