

ATTACHMENT 3
LIST OF OBSERVED VEGETATION

Species Search Lists – Timed Wander Approach

Disturbed Oak Pine Forest (30-70 years)

Eupatorium rugosum
Agropyron repens
Solidago canadensis
Celastrus orbiculatus
Acer rubrum
Poa pratensis
Rhus radicans
Pinus strobus
Quercus velutina
Rhamnus cathartica
Prunus serotina
Lonicera tatarica
Dactylis glomerata
Chenopodium album
Alliaria officinalis
Oxalis stricta
Parthenocissus inserta
Plantago lanceolata
Galium asprellum
Solanum dulcamara
Ambrosia artemisiifolia elatior
Rubus allegheniensis
Aster laevis
Panicum sp.
Rubus occidentalis
Hackelia virginiana
Vitis riparia
Quercus coccinea
Acer rubrum
Pinus rigida
Symlocarpus foetidus
Polygonum persicaria
Polygonum punctatum
Onoclea sensibilis
Circaea luteiana
Polygonum lapathifolium
Impatiens capensis
Populus deltoides
Robinia pseudoacacia
Rhus radicans
Lonicera maackii
Rubus sp.
Phytolacca americana
Cardamine pensylvanica
Agrostis perennans
Veronica americana
Sorbus americana
Quercus coccinea

Quercus velutina
Quercus rubra
Athyrium filix-femina
Podophyllum peltatum

Forested Wetland (30-50 years)

Osmunda claytoniana
Athyrium filix-femina
Impatiens pallida
Prunus serotina
Eupatorium perfoliatum
Eupatorium rugosum
Acer rubrum
Osmunda regalis
Parthenocissus inserta
Celastrus orbiculatus
Vitis riparia
Pilea pumila
Acalypha rhomboidea
Rosa multiflora
Symplocarpus foetidus
Lindernia benzoin
Polygonum virginianum
Carex stricta
Quercus rubra
Cornus racemosa
Quercus coccinea
Populus deltoides
Viburnum dentatum
Aster simplex
Rubus occidentalis
Rubus allegheniensis
Amphicarpaea bracteata
Thalictrum dasycarpum
Clematis virginiana
Thelypteris noveboracensis
Fraxinus pennsylvanica
Lonicera tatarica
Polygonum virginianum
Trillium flexipes
Hepatica americana
Arisaema triphyllum
Solidago gigantea
Solidago patula
Circaea lutieana
Viola lanceolata
Carex bebbii
Lycopus americanus
Aster laevis
Geranium maculatum
Populus deltoides

Fraxinus nigra
Solanum dulcamara
Ribes missouriense
Cardamine pensylvanica
Ulmus americana
Veronica americana
Thalictrum dasycarpum hypoglaucum
Oxalis stricta

Upland Mesic Forest

Prunus serotina
Acer rubrum
Lindera benzoin
Thelypteris noveboracensis
Prunus virginiana
Tilia americana
Osmunda claytoniana
Alliaria officinalis
Rhus radicans
Onoclea sensibilis
Fraxinus americana
Parthenocissus inserta
Aralia nudicaulis
Celastrus orbiculatus
Rosa multiflora
Onoclea sensibilis
Cardamine pensylvanica
Veronica americana
Carex sparganioides
Polygonum virginianum
Prunus virginiana
Spiraea alba
Carex blanda
Rubus allegheniensis
Quercus rubra
Corylus americana
Lysimachia terrestris
Glyceria striata
Carex sp.
Lonicera tatarica
Betula populifolia
Quercus velutina
Viola sp.
Mitchella repens
Viola striata
Solidago patula
Aster laevis
Thalictrum dasycarpum
Nemophanthus mucronata

Disturbed Mesic Forest (20-30 years)

Osmunda cinnamomea
Eupatorium rugosum
Impatiens capensis
Alliaria officinalis
Acer rubrum
Solanum dulcamara
Osmunda regalis
Rubus allegheniensis
Celastrus orbiculatus
Pilea pumila
Onoclea sensibilis
Polygonum virginianum
Symlocarpus foetidus
Athyrium filix-femina
Carex sp.
Prunus serotina
Carex pensylvanica
Thalictrum dasycarpum
Oxalis stricta
Acalypha rhomboidea
Solidago canadensis
Glyceria striata
Eupatorium purpureum
Polygonella articulata
Phytolacca americana
Onoclea sensibilis
Clematis virginiana
Apios americana
Cornus amomum
Polygonum virginianum
Thelypteris noveboracensis
Geum canadense
Populus grandidentata
Rosa multiflora
Osmunda regalis
Amphicarpaea bracteata
Aster puniceus
Cirsium arvense
Echinocystis lobata
Urtica dioica
Carex stricta

North Powerline Easement

Impatiens capensis
Osmunda claytoniana
Alliaria officinalis
Celastrus orbiculatus
Eupatorium rugosum
Cirsium arvense

Acer rubrum
Pilea pumila
Polygonella articulata
Phragmites communis
Solidago canadensis
Rubus allegheniensis
Polygonum convolvulus
Glyceria striata
Sambucus canadensis
Urtica dioica
Rhus glabra
Phytolacca americana
Geum canadense
Oxalis stricta
Lobelia siphilitica
Symplocarpus foetidus
Prunella vulgaris
Erigeron annuus
Solidago graminifolia
Polygonum punctatum
Juncus tenuis
Galium sp.
Corylus americana
Eupatorium purpureum
Polygonum arifolium pubescens
Lythrum salicaria
Aster pilosus
Agrostis stolonifera
Rubus occidentalis
Vitis riparia

Powerline Corridor

Rubus allegheniensis
Solidago graminifolia
Solidago canadensis
Polygonum orientale
Phytolacca americana
Osmunda claytoniana
Osmunda regalis
Asclepias syriaca
Celastrus orbiculatus
Prunus serotina
Parthenocissus inserta
Clematis virginiana
Galium aparine
Alliaria officinalis
Impatiens capensis
Cornus racemosa
Pilea pumila
Spiraea alba
Vitis riparia

Amphicarpaea bracteata
Geum canadense

Older Forested Wetlands (Part of Forested Wetland polygon; area around transects E2-E3)

Eupatorium rugosum
Vitis riparia
Arctium lappa
Impatiens capensis
Pilea pumila
Geum canadense
Alliaria officinalis
Thalictrum dasycarpum
Solanum dulcamara
Symplocarpus foetidus
Eupatorium purpureum
Prunus serotina
Phragmites communis
Rubus allegheniensis
Parthenocissus inserta
Osmunda claytoniana
Clematis virginiana
Athyrium filix-femina
Lindera benzoin
Solidago canadensis
Acer rubrum
Osmunda regalis
Trillium flexipes
Celastrus orbiculatus
Viburnum opulus
Carex sp.
Cornus amomum
Ulmus americana
Aster umbellatus
Glyceria striata
Polygonum virginianum
Fraxinus americana
Circaea lutieana
Viburnum dentatum
Thelypteris noveboracensis
Osmunda regalis spectabilis
Carex pensylvanica
Maianthemum canadense
Hamamelis virginiana
Sambucus canadensis
Aster cordifolius
Carex blanda
Quercus rubra
Viburnum dentatum
Geranium maculatum
Streptopus roseus

Smilacina racemosa
Polystichum acrostichoides
Corylus americana
Carpinus caroliniana
Arisaema triphyllum
Mitchella repens
Carex sp.
Brachyelytrum erectum
Ostrya virginiana
Carex pensylvanica
Galium sp.
Sassafras albidum
Populus deltoides
Rhus radicans
Onoclea sensibilis
Adiantum pedatum
Prunus serotina
Quercus alba
Betula papyrifera
Solidago flexicaulis
Aralia nudicaulis
Rubus flagellaris

Pines Stand/Old Pasture

Pinus strobus
Prunus serotina
Solidago canadensis
Solidago ulmifolia
Gaultheria procumbens
Acer rubrum
Aster divaricatus
Veronica americana
Vaccinium angustifolium
Mitchella repens
Hamamelis virginiana
Quercus alba
Agrostis perennans
Carex pensylvanica
Rubus occidentalis
Solidago caesia
Fraxinus americana
Lonicera tatarica
Rhamnus cathartica
Celastrus orbiculatus
Aster laevis
Athyrium filix-femina michauxii
Carex blanda
Clematis virginiana
Lotus corniculatus
Galium sp.
Viola papilionacea

Parthenocissus inserta
Solidago graminifolia nuttallii
Betula populifolia
Festuca rubra
Aster laevis
Populus deltoides
Potentilla simplex
Osmunda claytoniana
Dianthus armeria
Solidago sp.
Hieracium florentinum
Oxalis stricta
Dactylis glomerata
Lobelia inflata
Viola sagittata
Hypericum perforatum
Solidago nemoralis
Rumex acetosella
Alliaria officinalis
Fraxinus americana
Maianthemum canadense interius
Amelanchier sp.
Monotropa uniflora
Agrostis perennans
Solidago nemoralis
Juncus tenuis
Dactylis glomerata
Danthonia spicata

Northern Drainage Ditch system

Solanum dulcamara
Leersia oryzoides
Epilobium coloratum
Impatiens capensis
Aster umbellatus
Eupatorium perfoliatum
Scirpus cyperinus
Berberis thunbergii
Symplocarpus foetidus
Aster laevis
Lonicera tatarica
Bidens frondosa
Glyceria striata
Vitis riparia
Onoclea sensibilis
Iris versicolor
Betula populifolia
Aster divaricatus
Equisetum arvense

Old field

Prunella vulgaris
Quercus rubra
Solidago caesia
Agrostis perennans
Hieracium florentinum
Phleum pratense
Solidago canadensis
Sassafras albidum
Viburnum opulus
Galium sp.
Rudbeckia hirta
Prunus serotina
Andropogon gerardii
Panicum cryptandous
Quercus alba
Solidago graminifolia nuttallii
Lonicera tatarica
Rubus allegheniensis
Quercus coccinea
Lespedeza hirta
Andropogon scoparius
Spiraea alba
Elaeagnus angustifolia
Salix sp.
Populus tremuloides
Centaurea maculosa
Rhus radicans
Vicia cracca
Eragrostis spectabilis
Poa pratensis
Plantago lanceolata
Dactylis glomerata
Aster pilosus
Asclepias syriaca
Daucus carota
Solidago juncea
Cornus racemosa
Juniperus virginiana
Asparagus officinalis
Onoclea sensibilis
Vitis riparia
Eupatorium purpureum
Lysimachia ciliata
Solidago nemoralis
Aster ericoides
Quercus velutina
Juncus tenuis

City Disturbed Forest

Eupatorium rugosum
Viburnum dentatum
Osmunda claytoniana
Solidago gigantea
Alliaria officinalis
Impatiens capensis
Cornus racemosa
Acer rubrum
Athyrium filix-femina michauxii
Viola sp.
Juncus tenuis
Onoclea sensibilis
Prunus serotina
Fraxinus americana
Viburnum lentago
Convallaria majalis
Celastrus orbiculatus
Trillium flexipes
Symplocarpus foetidus
Ulmus americana
Osmunda regalis
Pilea pumila
Carex pensylvanica
Parthenocissus inserta
Rhus radicans
Pinus rigida
Aralia nudicaulis
Carex blanda
Mitchella repens
Rhamnus cathartica
Corylus americana
Maianthemum canadense
Boehmeria cylindrica
Thelypteris noveboracensis
Fraxinus americana
Lindera benzoin
Pilea pumila
Geum canadense
Glyceria striata
Carex sp
Pinus strobus
Pinus resinosa
Thalictrum dasycarpum
Prunus virginiana
Solanum dulcamara
Apios americana
Vitis riparia
Polygonum virginianum
Rhus radicans
Lonicera tatarica

Carex bebbii
Veronica americana
Lysimachia ciliata
Polygonum punctatum
Carex sp.
Quercus alba
Quercus prinoides
Aster lateriflorus
Phragmites communis

Red Maple Stand East of Trailer Park

Alliaria officinalis
Impatiens capensis
Acer rubrum
Prunus serotina
Celastrus orbiculatus
Rubus allegheniensis
Eupatorium rugosum
Rubus allegheniensis
Rubus occidentalis
Vitis riparia
Polygonum virginianum
Ulmus americana
Pilea pumila
Carex sp.
Streptopus roseus
Rubus flagellaris
Arctium lappa
Sorbus americana
Athyrium filix-femina
Lonicera tatarica
Juncus tenuis
Fraxinus americana
Glyceria striata
Fragaria virginiana
Geum canadense
Symplocarpus foetidus

Degraded Oak/Pine Forest

Carex pensylvanica
Quercus alba
Carex stricta
Polygonum punctatum
Lonicera tatarica
Alliaria officinalis
Parthenocissus inserta
Prunus serotina
Trillium flexipes
Eupatorium rugosum
Aster laevis
Carex blanda

Chenopodium murale
Celastrus orbiculatus
Quercus velutina
Pinus rigida
Rubus occidentalis
Rubus allegheniensis
Quercus macrocarpa
Hackelia virginiana
Polygonum pensylvanicum
Oxalis stricta
Polygonum convolvulus
Cornus racemosa
Quercus muhlenbergii
Polygonum pensylvanicum
Solidago juncea
Sorbus americana
Catalpa speciosa.
Erechtites hieracifolia
Malus sp.
Betula populifolia
Osmunda regalis
Arisaema triphyllum

Trailer Park

Picea pungens
Pinus resinosa
Festuca elatior
Vitis riparia
Poa pratensis
Celastrus orbiculatus
Picea abies
Salix babylonica
Acer rubrum
Acer saccharinum
Taraxacum officinale
Poa pratensis
Hackelia virginiana
Lonicera tatarica
Rhamnus cathartica
Achillea millefolium
Verbascum thapsus
Asclepias syriaca
Daucus carota
Populus deltoides
Lythrum salicaria
Cirsium arvense
Lepidium virginicum
Setaria glauca
Oxalis stricta
Plantago major
Betula papyrifera

Juglans nigra
Aster laevis
Athyrium filix-femina michauxii
Asclepias syriaca
Malus sp.
Oenothera biennis
Festuca rubra
Catalpa speciosa
Aristida purpurascens
Acalypha rhomboidea
Verbena bracteata
Bromus japonicus
Centaurea maculosa
Echinochloa crusgalli
Panicum capillare
Leptochloa indica
Erechtites hieracifolia
Brassica kaber
Polygonum aviculare
Erigeron annuus
Berteroa incana
Ulmus pumila
Dactylis glomerata
Sporobolus vaginiflorus
Cyperus strigosus
Ambrosia artemisiifolia elatior
Galium sp.
Eragrostis neomexicana
Rumex crispus
Rosa multiflora
Erigeron canadensis
Agropyron repens
Phytolacca americana
Spiraea tomentosa rosea
Robinia pseudoacacia
Panicum villosissimum
Eragrostis spectabilis
Andropogon scoparius
Setaria faberi
Lotus corniculatus
Lythrum salicaria
Mock orange bush
Lespedeza capitata
Hypericum perforatum
Rudbeckia hirta
Physostegia virginiana
Panicum virgatum
Quercus alba
Festuca rubra
Ceanothus americanus
Carex sp.

Digitaria sanguinalis
Potentilla simplex
Iris siberica
Panicum sp.
Trifolium arvense
Thuja occidentalis
Panicum dichotomiflorum
Salsola kali
Artemisia sp.
Forsythia sp.
Ligustrum vulgare
Bromus inermis
Campsis radicans
Gleditsia triacanthos
Cirsium vulgare
Melilotus officinalis
Eupatorium perfoliatum
Erechtites hieracifolia
Viola papilionacea
Melilotus officinalis
Eragrostis pectinacea
Acer negundo
Leonurus cardiaca

Black Locust/Wild Black Cherry dominated area

Prunus serotina
Robinia pseudoacacia

(no other species described)

Old Field/Scattered Cottonwoods on Spoil Piles

Populus deltoides

(no other species described)

Quaking Aspen/Dense Shrub area

Populus tremuloides
Rubus sp.
Cornus racemosa

(no other species described)

Red Oak Dominated area

Quercus rubra

(no other species described)