

Location: 515-BL w 147A
 Observer: SAN

VASCULAR PLANT CHECKSHEET

Date: Oct 6/11

Job Number:

ASA
 * Roadside survey *

DICOT HERBS												MONOCOT HERBS					
1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
Achillea millefolium						Erigeron annuus						Plantago lanceolata					Alisma plantago-aquatica
Actaea pachypoda						Erigeron philadelphicus						Plantago major					Allium tricoccum
Actaea rubra						Erigeron strigosus						Plantago rugelii					Allium
Agalinus						Erysimum cheiranthoides						Podophyllum peltatum					Arisaema triphyllum
Agrimonia gryposepala						Eupatorium maculatum						Polygonum					Asparagus officinalis
Alliaria petiolaris						Eupatorium perforatum						Polygonum					Calla palustris
Amaranthus retrofractus						Eupatorium rugosum						Polygonum					Clintonia borealis
Ambrosia artemisiifolia						Euphorbia						Polygonum lapathifolium					Convolvulus major
Amphicarpaea byactata						Euthamia graminifolia						Polygonum persicaria					Cypripedium calceolus
Anaphalis margaritacea						Fragaria virginiana						Potentilla					Eleocharis canadensis
Anemone						Fragaria vesca						Potentilla norvegica					Epipactis helleborina
Anemone canadensis						Galeopsis tetrahyt						Potentilla recta					Erythronium americanum
Anemone virginiana						Gallium						Prunella alba					Hemerocallis fulva
Antennaria neglecta						Gallium						Prunella vulgaris					Iris versicolor
Apocynum androsaemifolium						Gallium palustre						Pyrola elliptica					Lemna minor
Apocynum cannabinum						Gallium triflorum						Ranunculus					Lemna trisulca
Aquilegia canadensis						Geranium maculatum						Ranunculus abortivus					Lilium
Aralia nudicaulis						Geranium robertianum						Ranunculus acris					Malanthemum canadense
Arcium minus						Geum alepaticum						Rubus odoratus					Malanthemum racemosum
Artemisia						Geum canadense						Rumex acetosella					Malanthemum stellatum
Asarum canadense						Geum						Rumex crispus					Pastinaca
Asclepias incarnata						Glecoma hederacea						Rumex					Pentstemon cordata
Asclepias syriaca						Hepatica scutifolia						Sanguinaria canadensis					Polygonatum pubescens
Aster						Hesperis matronalis						Sanicula marilandica					Potamogeton crispus
Aster cordifolius						Hieracium aurantiacum						Saponaria officinalis					Potamogeton pectinatus
Aster ericoides						Hieracium caespitosum						Satureja vulgaris					Potamogeton
Aster lanceolatus						Hieracium						Scutellaria galericulata					Potamogeton
Aster latifolius	X					Hydrophyllum virginianum						Silene vulgaris					Potamogeton
Aster macrophyllus						Hypericum perforatum						Sium suave					Sagittaria latifolia
Aster novae-angliae						Impatiens capensis						Solanum dulcamara					Sisyrinchium montanum
Aster purpureus						Inula helenium						Solidago					Smilax herbacea
Barbarea vulgaris						Lactuca						Solidago altissima					Spiranthes cernua
Bidens cernua						Legosia canadensis						Solidago canadensis	X				Spirodela polyrhiza
Bidens frondosa						Lapsana communis						Solidago canadensis					Streptopus roseus
Boehmeria cylindrica						Laonurus cordata						Solidago flexuosula	X				Trillium erectum
Caltha palustris						Lepidium						Solidago gigantea					Trillium grandiflorum
Galysicgia solum						Linaria vulgaris						Solidago nemoralis					Uvularia grandiflora
Cardamine diphylla						Lithospermum officinale						Solidago rugosa					
Cardamine						Labella						Sonchus oleraceus					
Caulophyllum thalictroides						Labella inflata						Sonchus asper					
Corallium fontanum						Lotus corniculatus						Stellaria					
Ceratophyllum demersum						Lycopus americanus						Tanacetum vulgare					
Chelidonium majus						Lycopus						Taraxacum officinale					
Chenopodium album						Lythrum citifolia						Thalictrum dioicum					
Chrysanth. leucanthemum						Lythrum salicaria						Thalictrum pubescens					
Cichorium intybus						Medicago lupulina						Taraxacum officinale					
Cicuta						Medicago sativum						Tragopogon pratensis					
Circaea lutetiana						Melilotus alba						Trifolium borealis					
Cirsium arvense						Mertensia arvensis						Trifolium					
Citrelum vulgare						Mimulus ringens						Trifolium pratense					
Clematis virginiana						Mimulus ringens						Trifolium repens					
Clintonia borealis						Nitella diphylla						Tussilago farfara					
Coryza canadensis						Monarda fistulosa						Urtica dioica					
Coronilla varia						Myosotis						Urticularia vulgaris					
Cynanchum rotundum						Nasturtium officinale						Verbascum thapsus					
Cynoglossum officinale						Nepeta cataria						Verbena hastata					
Daucus carota						Nuphar variegatum						Verbena urticifolia					
Desmodium canadense						Nymphaea odorata						Veronica					
Diarrhiza americana						Oenothera biennis						Veronica officinalis					
Dipsacus fulvum						Osmorhiza						Viola cracca					
Echinostella lobata						Oxalis stricta						Viola heptasperma					
Echium vulgare						Phytolacca						Viola					
Epilobium						Physalis heterophylla						Viola					
Epilobium ciliatum												Viola pubescens					
Epilobium hirsutum												Viola soraria					
Epilobium parviflorum																	

1: Polygonum 4: _____
 2: _____ 5: _____
 3: _____ 6: _____

SITE LOCATIONS

AD-SP Transmission Line - July 4, 2011 12:54



Bluewater ELC S1

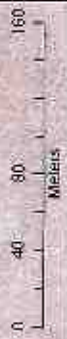
551

Bluewater ELC S3

Bluewater ELC S6

Bluewater ELC S4

Bluewater ELC S2



Transmission line Roadside North side
 Site: 551 Polygon: BTA-551
 Surveyor(s): Jess + Andrea Date: July 4, 2011 Time start: 12:34 finish: 1:45 pm
 UTMZ: UTMN:

ELC
 Community Description and Classification

Polygon Description *Sunny 20°C*

System	Substrate	Topographic Feature	Plant Form	Community
<input checked="" type="checkbox"/> Terrestrial <input type="checkbox"/> Wetland <input type="checkbox"/> Aquatic Site <input type="checkbox"/> Open Water <input type="checkbox"/> Shallow Water <input checked="" type="checkbox"/> Surficial Dep. <input type="checkbox"/> Bedrock	<input type="checkbox"/> Organic <input type="checkbox"/> Mineral Soil <input type="checkbox"/> Parent Mip. <input type="checkbox"/> Active Bedrk <input type="checkbox"/> Basic Bedrk <input type="checkbox"/> Carb. Dodrk	<input type="checkbox"/> Lacustrine <input type="checkbox"/> Riverine <input checked="" type="checkbox"/> Bottomland <input type="checkbox"/> Terrace <input type="checkbox"/> Valley Slope <input type="checkbox"/> Tableland <input type="checkbox"/> Roll, Upland <input type="checkbox"/> Cliff <input type="checkbox"/> Talus <input type="checkbox"/> Crevice/Cave <input type="checkbox"/> Alvar <input type="checkbox"/> Rockland <input type="checkbox"/> Beach / Bar <input type="checkbox"/> Sand Dune <input type="checkbox"/> Bluff	<input type="checkbox"/> Plankton <input type="checkbox"/> Submerged <input type="checkbox"/> Floating-LVD. <input type="checkbox"/> Graminoid <input type="checkbox"/> Forb <input type="checkbox"/> Lichen <input type="checkbox"/> Bryophyte <input type="checkbox"/> Deciduous <input type="checkbox"/> Coniferous <input type="checkbox"/> Mixed	<input type="checkbox"/> Lake <input type="checkbox"/> Pond <input type="checkbox"/> River <input type="checkbox"/> Stream <input type="checkbox"/> Marsh <input type="checkbox"/> Swamp <input type="checkbox"/> Fen <input type="checkbox"/> Bog <input type="checkbox"/> Barren <input type="checkbox"/> Meadow <input type="checkbox"/> Prairie <input type="checkbox"/> Thicket <input type="checkbox"/> Savannah <input type="checkbox"/> Woodland <input checked="" type="checkbox"/> Forest <input type="checkbox"/> Plantation

Stand Description

Layer	HT	CVR	Species in Order of Decreasing Dominance (up to 4 sp) <i>(> Much Greater Than; > Greater Than; = About Equal To)</i>
1	2	4	JUNIFLOR > PINUS > FERNARIUM = TULAMEN
2			
3			
4	6	3	

HT Codes: 7 < 0.2m 6 > 0.2-0.5m 5 > 0.5-1m 4 > 1-2m 3 > 2-6m 2 > 6-25m 1 > 25m
 CVR Codes: 0 - none 1 0% - 10% 2 10 - 20% 3 25 - 50% 4 50 - 60%

Stand Composition: Size Class Analysis: *O* < 10 *R* 10-24 *A* 25-50 *R* > 50
 Standing Snags: < 10 10-24 25-50 > 50
 Deadfall / Logs: < 10 10-24 25-50 > 50

BA:
 Abundance Codes: N = None R = Rare O = Occasional A = Abundant

Com. Age: Pioneer Young Mid-Age Mature Old Growth

Ecotope:
 Vegetation Type: *Dry-Fresh Waterline - Black Walnut Mixed*
 Incision: *Fire + Grubs*
 Complex:
 Code: *FOMA*

Community Profile Diagram/Comments
** old water course present*
** 1981 representative - this is seen mostly*
mostly of old and new
watercourse

Tree Tally by Species

Species	Tally 1	Tally 2	Tally 3	Tally 4	Total	Prism Factor	2
/							
Total							100
Basal Area (BA)							
Dead							

Soils Ontario and ELC Soils Description

PT/Auger #	Soils Ontario and ELC Soils Description				Summary	
1	Zone	Easting	Northing	Position	Moisture Regime	
1	Aspect	Percent	Slope	Length		
2	Mottles	/				Drainage
2	Gley					
3	Water Table	/				Effective Texture (indicate below)
3	Carbonates					
4	Bedrock	/				% CF
4	Depth from zero					
5	Texture	/				% CF
5	Depth from zero					
6	Texture	/				% CF
6	Depth from zero					
7	Texture	/				% CF
7	Depth from zero					
8	Texture	/				% CF
8	Depth from zero					
9	% Surface Stone/Rock	/				% CF
9	Moisture Regime					
10	Drainage	/				% CF
10						

Transmission line BT4

VASCULAR PLANT CHECKSHEET

Location: Blenheim 551
 Observer: Jess + Andrea

Date: July 4, 2011
 Job Number:

D. HERBES												MONOCOT HERBES											
1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6						
Achillea millefolium						Erigeron annuus	X	X	X			Plantago lanceolata						Allium triquetrum					
Achillea ptarmica						Erigeron philadelphicus						Plantago major						Allium					
Achillea rubra						Erigeron strigosus	X	X	X			Plantago rugelii						Arisaema triphyllum					
Agrostis						Erysimum cheiranthoides						Podophyllum peltatum						Asparagus officinalis					
Agrostis gryposepala						Eupatorium maculatum						Polygonum						Calla palustris					
Agrimonia eupatoria	X	X	X			Eupatorium perforatum						Polygonum						Chenopodium					
Ajuga reptans						Eupatorium rugosum						Polygonum						Cirsium discolor					
Ambrosia artemisiifolia						Euphorbia						Polygonum lasiocarpum						Conoclinium rugosum					
Ambrosia trifida						Elymus graminifolius						Polygonum persicaria						Eragrostis canadensis					
Anemone						Fragaria virginiana						Potentilla						Eragrostis heliophila					
Anemone canadensis						Fragaria vesca						Potentilla norvegica						Eryngium yuccifolium					
Anemone virginiana						Galeopsis tetrahit						Potentilla recta						Heteroscytus filva					
Antennaria neglecta						Gallium						Prunella alba						Helianthus annuus					
Antennaria racemosa						Gallium						Prunella vulgaris						Hesperis matronalis					
Antennaria dioica						Gallium palustre						Pycnos officinalis						Hyssopus officinalis					
Antennaria dioica						Gallium triflorum						Ranunculus						Hyssopus officinalis					
Antennaria dioica						Geranium maculatum						Ranunculus abortivus						Hyssopus officinalis					
Antennaria dioica						Geranium robertianum						Ranunculus acris						Hyssopus officinalis					
Antennaria dioica						Geranium silvestre						Ranunculus hirsutus						Hyssopus officinalis					
Antennaria dioica						Geranium canadense				X		Ranunculus sceleratus						Hyssopus officinalis					
Antennaria dioica						Geranium						Ranunculus repens						Hyssopus officinalis					
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AD-SP Transmission Line - July 4, 2011 12:54

North Arrow ——— North



Bluewater ELC SJ

552

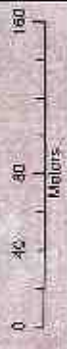
CLP3

B74C

B74A

B74B

705 Oaks, Giant wren



Transmission line BT4

VASCULAR PLANT CHECKSHEET

Location: Blount 552
 bserver: Jess + Andrea

Date: July 4, 2011

Job Number:

L. HERBS												MONOCOT HERBS											
1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6						
Achillea millefolium						Erigeron annuus	X	X	X			Plantago lanceolata						Allium plantago-aquatica					
Achillea pschypode						Erigeron philadelphicus						Plantago major						Allium tricoccum					
Achillea tubra						Erigeron strigosus	X	X	X			Plantago rugelii						Allium					
Agrostis						Erythronium albidum						Podium sp. pedatum						Arisaema triphyllum					
Agrimonia eupatoria						Eupatorium maculatum						Polygonum						Asparagus officinalis					
Ailanthus petiolata	X	X	X			Eupatorium perforatum						Polygonum						Calla palustris					
Amaranthus retrofractus						Eupatorium rugosum						Polygonum						Cicuta horrida					
Ambrosia artemisiifolia						Euphorbia						Polygonum hydropiper						Conium maculatum					
Ambrosia trifida						Euphorbia corollata						Polygonum persicaria						Cyperus tenuis					
Anaphalis margaritacea						Fraxinus virginiana						Potentilla						Cyperus sp. canadensis					
Anemone						Fraxinus vesca						Potentilla norvegica						Equisetum hyemale					
Anemone canadensis						Galatella trifida						Potentilla recta						Erythronium americanum					
Anemone virginiana						Galium						Panicum alba						Hemerocallis fulva					
Ardennaria neglecta						Galium						Panicum vulgare						Helianthus annuus					
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Asarum canadense						Galium triflorum						Panicum						Hesperis matronalis					
Asarum canadense						Galium triflorum						Panicum						Hesperis matronalis					
Asarum canadense						Galium triflorum						Panicum						Hesperis matronalis					
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Asarum canadense						Galium triflorum						Panicum						Hesperis matronalis					
Asarum canadense						Galium triflorum						Panicum						Hesperis matronalis					
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Asarum canadense						Galium triflorum						Panicum						Hesperis matronalis					
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Asarum canadense						Galium triflorum						Panicum						Hesperis matronalis					
Asarum canadense						Galium triflorum						Panicum						Hesperis matronalis					
Asarum canadense						Galium triflorum						Panicum						Hesperis matronalis					
Asarum canadense						Galium triflorum						Panicum						Hesperis matronalis					
Asarum canadense						Galium triflorum						Panicum						Hesperis matronalis					
Asarum canadense						Galium triflorum						Panicum						Hesperis matronalis					
Asarum canadense																							

CONIFERS						TREES and SHRUBS						GRAMINOIDS					
1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
Abies balsamea						Rosa multiflora						Agrostis gigantea					
Juniperus communis						Rosa						Agrostis stolonifera					
Juniperus virginiana						Rubus alleghaniensis						Agropyron repens					
Larix laricina						Rubus idaeus			X			Alopecurus					
Picea abies						Rubus occidentalis						Bromus inermis					
Picea glauca	X					Rubus odoratus						Calamagrostis canadensis					
Pinus resinosa						Rubus piceus						Carex acutata					
Pinus strobus	X					Salix alba						Carex acutata					
Pinus sylvestris			X			Salix amygdaloides						Carex behni					
Thuja occidentalis						Salix bebbiana						Carex blanda					
Thuja canadensis						Salix discolor						Carex gracillima					
Pinus sylvestris	X	X				Salix microcephala						Carex granularis					
Picea mariana	X	X				Salix nigra						Carex hystericina					
						Salix lucida						Carex pennsylvanica					
						Salix petiolaris						Carex radicata					
TREES and SHRUBS						Salix purpurea						Carex retrofracta					
Acer negundo		X				Salix x rubens						Carex stipitata					
Acer rubrum						Salix						Carex stricta					
Acer saccharinum						Sambucus canadensis						Carex vulpinoidea					
Acer saccharum						Sambucus racemosa						Carex					
Acer spicatum						Sorbus aucuparia						Carex					
Alnus rugosa						Spiraea alba						Carex					
Amelanchier						Syringa vulgaris						Carex					
Berberis thunbergii						Tilia americana						Carex					
Betula alleghaniensis						Ulmus americana						Carex					
Betula papyrifera						Ulmus						Carex					
Carpinus caroliniana						Vaccinium						Carex					
Carya cordiformis						Viburnum lentago						Carex					
Celastrus scandens						Viburnum opulus						Cyperus					
Coccoloba alternifolia						Viburnum						Cyperus					
Cornus amomum						Vitis riparia			X			Dactylis glomerata			X		
Cornus rugosa												Deschampsia spicata					
Cornus stolonifera		X										Echinochloa crus-galli					
Corylus cornuta												Echinochloa crus-galli					
Crataegus monogyna												Echinochloa crus-galli					
Crataegus punctata												Echinochloa crus-galli					
Crataegus sp.												Echinochloa crus-galli					
Crataegus												Echinochloa crus-galli					
Diervilla lonicera												Echinochloa crus-galli					
Fagus grandifolia												Echinochloa crus-galli					
Fraxinus americana		X	X									Echinochloa crus-galli					
Fraxinus nigra												Echinochloa crus-galli					
Fraxinus nigra		X	X									Echinochloa crus-galli					
Lonicera maackii												Echinochloa crus-galli					
Lonicera hians												Echinochloa crus-galli					
Lonicera												Echinochloa crus-galli					
Malva parviflora												Echinochloa crus-galli					
Ostrya virginiana												Echinochloa crus-galli					
Pachyrhizus laciniosa		X										Echinochloa crus-galli					
Populus balsamifera												Echinochloa crus-galli					
Populus grandidentata												Echinochloa crus-galli					
Populus tremuloides												Echinochloa crus-galli					
Populus												Echinochloa crus-galli					
Prunus pennsylvanica		X										Echinochloa crus-galli					
Prunus americana												Echinochloa crus-galli					
Prunus virginiana												Echinochloa crus-galli					
Prunus												Echinochloa crus-galli					
Quercus macrocarpa												Echinochloa crus-galli					
Quercus rubra												Echinochloa crus-galli					
Quercus												Echinochloa crus-galli					
Rhus copallina												Echinochloa crus-galli					
Rhus radicans												Echinochloa crus-galli					
Rhus typhina												Echinochloa crus-galli					
Rhus americana												Echinochloa crus-galli					
Rhus copallina												Echinochloa crus-galli					
Rhus x rubra												Echinochloa crus-galli					
Rubia pseudo-acacia												Echinochloa crus-galli					
Cornus americana												Echinochloa crus-galli					

ADP-SP Transmission Line - July 4, 2011 12:51

Ni Falls



Bluewater ELC Site 4

553

552

BT4A

BT4B

BT4C



74-Dal'50r Freshman (as)

BLM-555

BLM-555-1000

Transmission Line - July 4, 2011 -- SP-A

Blower ELC Site 5



Feature 555

556

95.96 - loose-dike

5

25

36

36

South side

ACESACK > CAR CORO > TILAMER > FRAMER

210 = 0

10-24-A

25-50-A

27 > 50-0

CONIFERS						TREES and SHRUBS						GRAMINOIDS					
1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
Abies balsamea						+ Rosa multiflora						Agrostis gigantea					
Juniperus communis						Rosa						Agrostis stolonifera					
Juniperus virginiana						Rubus allegheniensis						Agropyron repens					
Larix laricina						Rubus idaeus						Alopecurus					
Picea abies						Rubus occidentalis						Bremus inermis					
Picea glauca						Rubus odoratus						Calamagrostis canadensis					
Pinus resinosa						Rubus pubescens						Carex acutata					
Pinus strobus						Salix alba						Carex aurea					
Pinus sylvestris						Salix amygdaloides						Carex bebbii					
Thuja occidentalis						Salix bebbiana						Carex blanda					
Tsuga canadensis						+ Salix discolor						Carex gracillima					
						Salix erioccephala						Carex granulata					
						Salix exigua						Carex hystericina					
						Salix lucida						Carex pennsylvanica					
						Salix petiolaris						Carex radiata					
						+ Salix purpurea						Carex retrorsa					
TREES and SHRUBS						Salix x rubens						Carex stipata					
Acer negundo						+ Salix						Carex stricta					
Acer rubrum						Sambucus canadensis						Carex vulpinoidea					
Acer saccharinum	XX					Sambucus racemosa						Carex					
Acer saccharum	XX					Sorbus ascyperia						Carex					
Acer spicatum						Spiraea alba						Carex					
Alnus rugosa						Syringa vulgaris						Carex					
Amelanchier						+ Tilia americana		XX				Carex					
Berberis thunbergii						Ulmus americana		XX				Carex					
Betula alleghaniensis						Ulmus						Carex					
Betula papyrifera						Vaccinium						Carex					
Carpinus caroliniana						Viburnum lentago						Cyperus					
Carya cordiformis		XX				Viburnum opulus						Cyperus					
Celastrus scandens						Viburnum						Dactylis glomerata					
Cornus alternifolia						Vitis riparia						Danthonia spicata					
Cornus amomum												Echinochloa crus-galli					
Cornus rugosa												Eleocharis erythropoda					
Cornus stolonifera												Eleocharis					
Corylus cornuta												Elymus virginicus					
Crataegus monogyna	XX											Elymus					
Crataegus punctata												Festuca arundinacea					
Crataegus sp.												Glyceria striata					
Crataegus												Glyceria					
Dicentra lonicera												Juncus dudleyi					
Fagus grandifolia												Juncus effusus					
Fraxinus americana		XX				FERNS						Juncus tenuis					
Fraxinus nigra						Adiantum pedatum						Juncus					
Fraxinus pennsylvanica						Athyrium filix-femina						Juncus					
Ilex verticillata						Botrychium multifidum						Leersia oryzoides					
Juglans cinerea						Botrychium virginianum						Muhlenbergia					
Juglans nigra		XX				Cyatopteris bulbifera						Oryzopsis asperifolia					
Lonicera morrowi						Dryopteris caroliniana						Panicum					
Lonicera tatarica						Dryopteris cristata						Panicum					
Lonicera						Dryopteris marginalis						Phalaris arundinacea					XX
Malus pumila						Dryopteris						Phleum pratense					
Ostrya virginiana			XX			Equisetum arvense						Phragmites australis					
Parthenocissus inserta						Equisetum hyemale						Poa compressus					
Populus balsamifera						Equisetum variegatum						Poa pratensis					
Populus grandidentata						Equisetum						Poa					
Populus tremuloides						Gymnocarpium dryopteris						Scirpus atrovirens					
Populus						Lycopodium digitatum						Scirpus cyperinus					
Prunus pennsylvanica						Lycopodium obscurum						Scirpus validus					
Prunus serotina			XX			Lycopodium						Scirpus					
Prunus virginiana						Lycopodium						Scirpus					
Prunus						Matteucia struthiopteris						Setaria					
Quercus macrocarpa						Onoclea sensibilis						Spartanium					
Quercus rubra						Osmunda cinnamomea						Typha angustifolia					
Quercus						Osmunda regalis						Typha latifolia					
Rhamnus cathartica			XX			Polystichum acrostichoides						Typha glauca					
Rhus radicans				XX		Pteridium aquilinum											
Rhus typhina						Thelypteris palustris											
Ribes americana																	
Ribes cynosbati																	
Ribes x rubrum																	
Robinia pseudo-acacia																	
Cornus (Baccharis)			XX														

NLS 10-77

Transmission Line - July 4, 2011 - SP AD

Bluewater ELC Site 5

BLW-556



Transmission Line - July 4 2011 - JP+AD

561



Blue Water Electric Site 12

124- Service Yarn? 175- Choke cherry

Transmission Lines - July 4 2011 - SPRAP



BIM-562

Bluewater ELD 3119