

APPENDIX A

**LIST OF VASCULAR PLANT SPECIES IDENTIFIED – WETLAND STUDY AREA
STARK COUNTY, NORTH DAKOTA, 2006-2007**

Binomial	Code	Common Name	Indicator Status
NATIVE PERENNIAL GRAMINOIDS (Cool Season)			
XAgrohordeum macounii	XAgrmac	Macoun wildrye	FAC
Agropyron dasystachyum	Agr das	Thickspike wheatgrass	FAC
Agropyron smithii	Agr smi	Western wheatgrass	FACU
Agropyron trachycaulum	Agr tra	Slender wheatgrass	FAC
Alopecurus geniculatus	Alo gen	Water foxtail	OBL
Calamagrostis montanensis	Cal mon	Plains reedgrass	NI (FACU)
Carex aquatilis	Car aqu	Water sedge	OBL
Carex brevior	Car bre	Short-beaked sedge	FACU
Carex eleocharis	Car ele	Needleleaf sedge	NI (FACU)
Carex filifolia	Car fil	Threadleaf sedge	NI (UPL)
Carex gravida	Car gra	Pregnant sedge	NI (FAC)
Carex heliophila	Car hel	Sun sedge	NI (FACU)
Carex laeviconica	Car lae	Smoothcone sedge	OBL
Carex lanuginosa	Car lan	Woolly sedge	OBL
Carex praegracilis	Car pra	Clustered field sedge	FACW
Carex saximontana	Car sax	Rocky Mountain sedge	NI (FACU)
Carex sprengei	Car spr	Sprengel's sedge	FACU
Carex vulpinoidea	Car vul	Fox sedge	OBL
Eleocharis xyridiformis	Ele xyr	Common spikesedge	OBL
Elymus canadensis	Ely can	Canada wildrye	FACU
Elymus virginicus	Ely vir	Virginia wildrye	FAC
Glyceria grandis	Gly gra	American mannagrass	OBL
Hordeum jubatum	Hor jub	Foxtail barley	FACW
Juncus balticus	Jun bal	Baltic rush	FACW
Koeleria pyramidata	Koe pyr	Prairie junegrass	NI (FACU)
Phragmites australis	Phr aus	Common reed	FACW
Poa glaucifolia	Poa gla	Pale-leaf bluegrass	FAC
Poa juncifolia	Poa jun	Alkali bluegrass	FACU
Poa sandbergii	Poa san	Sandberg's bluegrass	FACU
Puccinellia cusickii	Puc cus	Cusick alkaligrass	OBL
Puccinellia nuttalliana	Puc nut	Nuttall's alkaligrass	OBL
Scirpus americanus	Sci ame	American bulrush	OBL
Scirpus fluviatilis	Sci flu	River bulrush	OBL
Scirpus maritimus	Sci mar	Alkali bulrush	OBL
Scirpus microcarpus	Sci mic	Panicled bulrush	OBL
Scirpus validus	Sci val	Softstem bulrush	OBL
Stipa comata	Sti com	Needle-and-thread	NI (FACU-)
Stipa viridula	Sti vir	Green needlegrass	NI (FAC-)

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NATIVE PERENNIAL GRAMINOIDS (Warm Season)			
<i>Bouteloua gracilis</i>	Bou gra	Blue grama	NI (UPL)
<i>Buchloe dactyloides</i>	Buc dac	Buffalograss	FACU-
<i>Calamovilfa longifolia</i>	Cal lon	Prairie sandreed	NI (FACU)
<i>Distichlis spicata</i>	Dis spi	Inland saltgrass	FACW
<i>Muhlenbergia cuspidata</i>	Muh cus	Plains muhly	NI (FACU)
<i>Muhlenbergia racemosa</i>	Muh rac	Green muhly	FACW
<i>Panicum virgatum</i>	Pan vir	Switchgrass	FAC
<i>Schedonnardus paniculatus</i>	Sch pan	Tumblegrass	NI (UPL)
<i>Spartina pectinata</i>	Spa pec	Prairie cordgrass	FACW
INTRODUCED PERENNIAL GRAMINOIDS			
<i>Agropyron cristatum</i>	Agr cri	Crested wheatgrass	NI (FACU)
<i>Agropyron repens</i>	Agr rep	Quackgrass	FAC
<i>Alopecurus pratensis</i>	Alo pra	Meadow foxtail	FACW
<i>Bromus inermis</i>	Bro ine	Smooth brome	FACU
<i>Poa compressa</i>	Poa com	Canada bluegrass	FACU
<i>Poa palustris</i>	Poa pal	Fowl bluegrass	FACW
<i>Poa pratensis</i>	Poa pra	Kentucky bluegrass	FACU
NATIVE ANNUAL GRAMINOIDS			
<i>Beckmannia syzigachne</i>	Bec syz	American sloughgrass	OBL
<i>Festuca octoflora</i>	Fes oct	Six-weeks fescue	FACU
INTRODUCED ANNUAL GRAMINOIDS			
<i>Avena fatua</i>	Ave fat	Wild oat	NI (FACU)
<i>Echinochloa muricata</i>	Ech mur	Barnyard-grass	OBL
NATIVE PERENNIAL FORBS			
<i>Achillea millefolium</i>	Ach mil	Common yarrow	FACU
<i>Agrimonia striata</i>	Agr str	Striate agrimony	FACU
<i>Alisma triviale</i>	Ali tri	American waterplantain	OBL
<i>Allium textile</i>	All tex	Textile onion	NI (UPL)
<i>Antennaria parvifolia</i>	Ant par	Littleleaf pussytoes	NI (UPL)
<i>Apocynum cannabinum</i>	Apo can	Hemp dogbane	FAC
<i>Artemisia frigida</i>	Art fri	Fringed sagewort	NI (FACU)
<i>Artemisia ludoviciana</i>	Art lud	Cudweed sagewort	FACU
<i>Asclepias speciosa</i>	Asc spe	Showy milkweed	FAC
<i>Aster commutatus</i>	Ast com	Little gray aster	FACU
<i>Aster laevis</i>	Ast lae	Smooth aster	NI (FACU)
<i>Aster pansus</i>	Ast pan	Heath-leaved aster	FAC
<i>Aster simplex</i>	Ast sim	Panicled aster	FACW
<i>Astragalus adsurgens</i>	Ast ads	Prairie milkvetch	NI (UPL)
<i>Astragalus agrestis</i>	Ast agr	Field milkvetch	FACU
<i>Astragalus bisulcatus</i>	Ast bis	Two-grooved milkvetch	NI (FACU)
<i>Astragalus missouriensis</i>	Ast mio	Missouri milkvetch	NI (UPL)

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<i>Cicuta maculata</i>	Cic mac	Spotted water-hemlock	NI (OBL)
<i>Cirsium flodmanii</i>	Cir flo	Flodman's thistle	FAC
<i>Cirsium undulatum</i>	Cir und	Wavyleaf thistle	FAC
<i>Comandra umbellata</i>	Com umb	Pale bastard toadflax	NI (UPL)
<i>Cynoglossum boreale</i>	Cyn bor	Northern wild comfrey	NI (FACU)
<i>Erigeron glabellus</i>	Eri gla	Smooth fleabane	FACW
<i>Eriogonum pauciflorum</i>	Eri pau	Few-flowered buckwheat	NI (UPL)
<i>Erysimum inconspicuum</i>	Ery inc	Smallflowered rocket	NI (FACU)
<i>Galium boreale</i>	Gal bor	Northern bedstraw	FACU
<i>Gaura coccinea</i>	Gau coc	Scarlet gaura	NI (FACU)
<i>Geum aleppicum</i>	Geu ale	Yellow avens	FACU
<i>Glycyrrhiza lepidota</i>	Gly lep	American licorice	FACU
<i>Gutierrezia sarothrae</i>	Gut sar	Broom snakeweed	NI (UPL)
<i>Haplopappus spinulosus</i>	Hap spi	Spiny goldenweed	NI (UPL)
<i>Helianthus maximiliani</i>	Hel max	Maximilian's sunflower	FACU
<i>Helianthus tuberosus</i>	Hel tub	Jerusalem artichoke	FACU
<i>Iva axillaris</i>	Iva axi	Poverty weed	FACU
<i>Lactuca oblongifolia</i>	Lac obl	Chicory lettuce	FACU
<i>Linum perenne</i>	Lin per	Blue flax	NI (FACU)
<i>Lithospermum incisum</i>	Lit inc	Yellow gromwell	NI (UPL)
<i>Lysimachia ciliata</i>	Lys cil	Fringed loosestrife	FACW
<i>Mentha arvensis</i>	Men arv	Field mint	FACW
<i>Mertensia lanceolata</i>	Mer lan	Lanceleaf bluebells	NI ((FACU)
<i>Mirabilis nyctaginea</i>	Mir nyc	Heart-leaved umbrellawort	UPL
<i>Monarda fistulosa</i>	Mon fis	Horsemint	UPL
<i>Opuntia fragilis</i>	Opu fra	Brittle pricklypear	NI (UPL)
<i>Opuntia polyacantha</i>	Opu pol	Plains pricklypear	NI (UPL)
<i>Osmorhiza longistylis</i>	Osm lon	Anise root	FACU
<i>Penstemon albidus</i>	Pen alb	White penstemon	NI (UPL)
<i>Phlox hoodii</i>	Phl hoo	Hood's phlox	NI (UPL)
<i>Plantago eriopoda</i>	Pla eri	Redwool plantain	FAC
<i>Polygonum amphibium</i>	Pol amp	Water ladysthumb	OBL
<i>Potamogeton pectinatus</i>	Pot pec	Fennel-leaf pondweed	OBL
<i>Potentilla diversifolia</i>	Pot div	Diverse-leaved cinquefoil	FACW
<i>Potentilla pensylvanica</i>	Pot pen	Prairie cinquefoil	NI (FACU)
<i>Psoralea argophylla</i>	Pso arg	Silverleaf scurfpea	NI (UPL)
<i>Ranunculus cymbalaria</i>	Ran cym	Rocky Mountain buttercup	OBL
<i>Ranunculus macounii</i>	Ran mac	Macoun's buttercup	OBL
<i>Ratibida columnifera</i>	Rat col	Prairie coneflower	NI (FACU)
<i>Rorippa sinuata</i>	Ror sin	Spreading yellowcress	FACW
<i>Rumex mexicanus</i>	Rum mex	Willow dock	FACW
<i>Sagittaria cuneata</i>	Sag cun	Arumleaf arrowhead	OBL
<i>Senecio integerrimus</i>	Sen int	Western groundsel	FAC
NATIVE PERENNIAL FORBS (continued)			
<i>Sisyrinchium montanum</i>	Sis mon	Common blue-eyed grass	FACU

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<i>Smilacina stellata</i>	Smi ste	Starry false solomon's seal	FACU
<i>Solidago canadensis</i>	Sol can	Canada goldenrod	FACU
<i>Solidago gigantea</i>	Sol gig	Giant goldenrod	FACW
<i>Solidago missouriensis</i>	Sol mis	Missouri goldenrod	NI (UPL)
<i>Solidago mollis</i>	Sol mol	Velvety goldenrod	NI (FACU)
<i>Solidago rigida</i>	Sol rig	Stiff goldenrod	FACU-
<i>Sphaeralcea coccinea</i>	Sph coc	Scarlet globemallow	NI (UPL)
<i>Thalictrum dasycarpum</i>	Tha das	Purple meadowrue	FAC
<i>Thalictrum venulosum</i>	Tha ven	Veiny meadowrue	NI (FACU)
<i>Toxicodendron rydbergii</i>	Tox ryd	Poison ivy	FACU
<i>Typha angustifolia</i>	Typ ang	Lesser cattail	OBL
<i>Typha latifolia</i>	Typ lat	Common cattail	OBL
<i>Urtica dioica</i>	Urt dio	Stinging nettle	FACW
<i>Vicia americana</i>	Vic ame	American vetch	FAC
<i>Viola pratincola</i>	Vio pra	Meadow violet	FAC
INTRODUCED PERENNIAL FORBS			
<i>Artemisia absinthium</i>	Art abs	Common wormwood	NI (FACU)
<i>Centaurea maculosa</i>	Cen mac	Spotted knapweed	NI (UPL)
<i>Cirsium arvense</i>	Cir arv	Canada thistle	FACU
<i>Convolvulus arvensis</i>	Con arv	Field morning-glory	NI (UPL)
<i>Euphorbia esula</i>	Eup esu	Leafy spurge	NI (FACU+)
<i>Hesperis matronalis</i>	Hes mat	Dame's rocket	NI (FACU)
<i>Medicago sativa</i>	Med sat	Alfalfa	NI (FACU)
<i>Nepeta cataria</i>	Nep cat	Catnip	FACU
<i>Plantago major</i>	Pla maj	Common plantain	FAC
<i>Rorippa sylvestris</i>	Ror syl	Creeping yellowcress	FACW+
<i>Rumex crispus</i>	Rum cri	Curl dock	FACW
<i>Rumex domesticus</i>	Rum dom	Yard dock	FACW+
<i>Rumex patienta</i>	Rum pat	Patience dock	NI (FAC)
<i>Sonchus arvensis</i>	Son arv	Field sow-thistle	FAC
<i>Taraxacum officinale</i>	Tar off	Common dandelion	FACU
FERNS AND ALLIES			
<i>Equisetum laevigatum</i>	Equ lae	Smooth horsetail	FAC
NATIVE ANNUAL/BIENNIAL FORBS			
<i>Amaranthus retroflexus</i>	Ama ret	Rough pigweed	FACU
<i>Ambrosia artemisiifolia</i>	Amb art	Annual ragweed	FACU
<i>Ambrosia trifida</i>	Amb tri	Giant ragweed	FAC
<i>Artemisia biennis</i>	Art bie	Biennial wormwood	FAC
<i>Atriplex subspicata</i>	Atr sub	Spearscale	NI (FAC)
NATIVE ANNUAL/BIENNIAL FORBS (continued)			
<i>Chenopodium fremontii</i>	Che fre	Fremont's goosefoot	FACU
<i>Chenopodium gigantospermum</i>	Che gig	Mapleleaf goosefoot	NI (FACU)

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Chenopodium glaucum	Che gla	Oak-leaved goosefoot	FACW
Chenopodium leptophyllum	Che lep	Slimleaf goosefoot	UPL
Chenopodium rubrum	Che rub	Red goosefoot	OBL
Collomia linearis	Col lin	Narrow-leaf collomia	FACU
Conyza canadensis	Con can	Canada horseweed	FACU
Echinocystis lobata	Ech lob	Wild cucumber	FAC
Ellisia nyctelea	Ell nyc	Nyctelea	UPL
Galium aparine	Gal apa	Cleavers	FACU
Grindelia squarrosa	Gri squ	Curlycup gumweed	UPL
Hackelia deflexa	Hac def	Nodding stickseed	FACW
Hedeoma hispidum	Hed his	Rough false pennyroyal	NI (UPL)
Helianthus annuus	Hel ann	Common sunflower	FACU
Helianthus petiolaris	Hel pet	Prairie sunflower	NI (FACU)
Iva xanthifolia	Iva xan	Tall marsh-elder	FACU
Linum rigidum	Lin rig	Yellow flax	NI (UPL)
Myosurus minimus	Myo min	Least mousetail	OBL
Oenothera villosa	Oen vil	Common evening-primrose	FACU
Orthocarpus luteus	Ort lut	Yellow owl clover	FACU
Parietaria pensylvanica	Par pen	Pellitory	FACU
Plagiobothrys scouleri	Pla sco	Scouler's popcorn-flower	FACW+
Plantago elongata	Pla elo	Slender plantain	FACW
Plantago patagonica	Pla pat	Woolly plantain	UPL
Polygonum arenastrum	Pol are	Common knotweed	NI (FACU)
Polygonum aviculare	Pol avi	Prostrate knotweed	FACU
Polygonum lapathifolium	Pol lap	Earlytop ladythumb	OBL
Polygonum ramosissimum	Pol ram	Bush smartweed	FACU
Ranunculus abortivus	Ran abo	Smallflowered buttercup	FACW
Rorippa palustris	Ror pal	Marsh yellowcress	OBL
Solanum rostratum	Sol ros	Buffalo bur	NI (FACU)
Suaeda depressa	Sua dep	Sea blite	FACW
Suckleya suckleyana	Suc suc	Poison suckleya	OBL
Veronica peregrina	Ver per	Purslane speedwell	FACW
Xanthium strumarium	Xan str	Common cocklebur	FAC
INTRODUCED ANNUAL/BIENNIAL FORBS			
Arctium minus	Arc min	Common burdock	NI (FAC)
Atriplex heterosperma	Atr het	Two-seed orache	NI (FAC)
Camelina microcarpa	Cam mic	Littlepod falseflax	NI (FACU)
Capsella bursa-pastoris	Cap bur	Shepherd's-purse	FACU
Chenopodium album	Che alb	Lambsquarter	FAC
Chorispora tenella	Cho ten	Blue mustard	NI (FAC)
INTRODUCED ANNUAL/BIENNIAL FORBS (continued)			
Descurainia sophia	Des sop	Flixweed tansymustard	NI (FACU)
Draba nemorosa	Dra nem	Woods draba	NI (UPL)
Kochia scoparia	Koc sco	Beveledere summercypress	FAC

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Lactuca serriola	Lac ser	Prickly lettuce	FACU
Malva rotundifolia	Mal rot	Running mallow	NI (UPL)
Medicago lupulina	Med lup	Black medic	FACU
Melilotus officinalis	Mel off	Yellow sweetclover	FACU-
Polygonum convolvulus	Pol con	Ivy bindweed	FAC
Polygonum persicaria	Pol per	Spotted ladythumb	FACW
Potentilla norvegica	Pot nor	Norwegian cinquefoil	FAC
Salsola iberica	Sal ibe	Russian thistle	FACU-
Silene noctiflora	Sil noc	Night-flowering silene	NI (FACU)
Sisymbrium loeselii	Sis loe	Loesel tumbledustard	NI (FACU)
Thlaspi arvense	Thl arv	Fanweed	FACU
Tragopogon dubius	Tra dub	Common salsify	NI (FACU)
NATIVE SHRUBS AND VINES			
Amelanchier humilis	Ame hum	Low serviceberry	NI (FACU)
Artemisia cana	Art can	Silver sagebrush	FACU
Atriplex nuttallii	Atr nut	Nuttall saltbush	NI (UPL)
Cornus stolonifera	Cor sto	Red-osier dogwood	FACW
Crateagus rotundifolia	Cra rot	Northern hawthorn	NI (FAC)
Humulus lupulus	Hum lup	Common hop	FACU
Parthenocissus vitacea	Par vit	Woodbine	FACU
Prunus americana	Pru ame	Wild plum	UPL
Prunus virginiana	Pru vir	Common chokecherry	FACU-
Ribes americanum	Rib ame	American black currant	FACW
Ribes odoratum	Rib odo	Buffalo currant	FACU
Ribes setosum	Rib set	Bristly gooseberry	FACU
Rosa arkansana	Ros ark	Prairie rose	NI (FACU)
Rosa woodsii	Ros woo	Wood's rose	FACU
Salix eriocephala	Sal eri	Diamond willow	FACW
Salix exigua	Sal exi	Sandbar willow	FACW+
Salix lutea	Sal lut	Yellow willow	FACW
Shepherdia argentea	She arg	Silver buffaloberry	NI (FAC)
Smilax herbacea	Smi her	Carrion-flower	FAC
Symphoricarpos occidentalis	Sym occ	Western snowberry	NI (FACU)
INTRODUCED SHRUBS			
Lonicera tatarica	Lon tat	Tatarian honeysuckle	FACU
NATIVE TREES			
Acer negundo	Ace neg	Boxelder	FAC
Fraxinus pennsylvanica	Fra pen	Green ash	FAC
Populus deltoides	Pop del	Plains cottonwood	FAC
Salix amygdaloides	Sal amy	Peachleaf willow	FACW
Ulmus americana	Ulm ame	American elm	FAC

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INTRODUCED TREES			
Elaeagnus angustifolia	Ela ang	Russian olive	FAC-

Binomial nomenclature follows Great Plains Flora Association (1986), *Flora of the Great Plains*, University Press of Kansas, Lawrence, 1392 p.; some common names are taken from Beetle (1970).

Indicator status from Reed (1997)

OBL = Obligate FACW = Facultative Wetland FAC = Facultative FACU = Facultative Upland
UPL = Upland NI = Not Indicated