WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:		L3R								Date:	09/17/14	_
Applicant:	• •									County:	Pennington	_
Investigators: MRK/OTG			Subregion (MLRA or LRR): MLRA 56						State:	MN	<u>-</u>	
Soil Unit:	166A						I Classification:					_
Landform:	Talf				ocal Relief:					Sample Point	u-154n44w33-g1	<u>1</u>
Slope (%):	0 - 2%	1141 41 14	Latitude: 48.				22203333	Datum:		1		
		nditions on the site				1			□ No	Section:		
Are Vegetation		□, or Hydrology	•	tly disturbed?		Are	e normal circum	•	esent?	Township:		
Are Vegetation		□, or Hydrology	□aturally p	roblematic?			✓ Yes	□ No		Range:	Dir:	
SUMMARY O												
Hydrophytic \			<u>No</u>		_				Is Present?			
Wetland Hyd			No							nt Within A W		
Remarks:	The upland	sample point is lo	cated in a h	ay field upslop	pe from a w	et mead	ow. The soil me	eets a hydrid	c indicator,	but the samp	ole point is not withi	ın a wetland.
	_											
HYDROLOGY	<u>Y</u>											
Wetland Hy	drology Ind	icators (Check all	I that apply;	Minimum of o	ne primary	or two s	econdary requi	red):				
Primary:	"	·							Secondary:			
	□ A1 - Surface Water				B11 - Salt							
	A2 - High Wa			□ B13 - Aquatic Fauna □ □ C1 - Hydrogen Sulfide Odor □							Vegetated Concave S	Surface
	A3 - Saturation B1 - Water M				C1 - Hydro					B10 - Drainag	e Patterns Rhizospheres on Livin	na Roots (tilled)
								Roots (not till		C8 - Crayfish		ig Roots (tilled)
□ B2 - Sediment Deposits □ □ B3 - Drift Deposits □						 □ C3 - Oxidized Rhizospheres on Living Roots (not tille □ C4 - Presence of Reduced Iron □ C9 - Saturation Visible on Aerial Imagery 						
	B4 - Algal Ma			C7 - Thin N	Auck Surfa	ace			D2 - Geomor	ohic Position		
	B5 - Iron Dep				Other (Exp	olain)				D5 - FAC-Neu		\
	B7 - Inundation	n Visible on Aerial Im	nagery							D7 - Frost-He	aved Hummocks (LRF	₹ F)
	by - water-Si	ained Leaves										
Field Observ	rations:											
		Van 👨	Davi	4le -	(in)							
Surface Water		Yes	Dep		_ (in.)			Wetland F	Hydrology	Present?	N	
Water Table		Yes □ Yes □	Dep		_ (in.)							
Saturation Pr	esent	Yes □	Dep	ouri	(in.)							
Describe Reco	orded Data (s	stream gauge, moni	itoring well, a	erial photos, p	revious insp	ections),	if available:					
Describe Reco	•	stream gauge, moni or secondary hydr			·	ections),	, if available:					
Remarks:	•				·	ections),	, if available:					
Remarks:	No primary	or secondary hydr	rological indi	cators were o	bserved.	,		diagram \				
Remarks: SOILS Profile Descri	No primary ption (Descri	or secondary hydr	rological indi	cators were o	bserved.	onfirm th	e absence of in					
Remarks: SOILS Profile Descri	No primary ption (Descri	or secondary hydr	rological indi	cators were o	bserved.	onfirm th	e absence of in					
Remarks: SOILS Profile Descri	No primary ption (Descri	or secondary hydr be to the depth ne etion, RM=Reduced Ma	rological indi	cators were o	bserved.	onfirm th	e absence of in ore Lining, M=Matr					
Remarks: SOILS Profile Descrip (Type: C=Concent	No primary ption (Descri	or secondary hydr be to the depth ne etion, RM=Reduced Ma	rological indi	ument the incred/Coated Sand	bserved. dicator or co	onfirm th tion: PL=P	e absence of in ore Lining, M=Matr	ix)	Teyture		Remarks	
Remarks: SOILS Profile Descrip (Type: C=Concent	No primary ption (Descriptration, D=Depl	or secondary hydron be to the depth neetion, RM=Reduced Matrix Color (Moist)	eeded to doc latrix, CS=Cove	ument the incred/Coated Sand	bserved.	onfirm th	e absence of in ore Lining, M=Matr		Texture		Remarks	
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14	No primary ption (Descriptration, D=Depl	or secondary hydron be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1	rological indi	ument the incred/Coated Sand	dicator or co	onfirm th tion: PL=P Mottle	e absence of in ore Lining, M=Matr es Type	Location	Texture CL		Remarks	
Remarks: SOILS Profile Descrip (Type: C=Concent) Depth (In.) 0-14 14-20	No primary ption (Descriptration, D=Depl Hue_10YR Hue_2.5Y	or secondary hydron be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 5/2	eeded to doc latrix, CS=Cove	ument the incred/Coated Sand Color Hue_10YF	dicator or co	onfirm th tion: PL=P	e absence of in ore Lining, M=Matr	ix)	CL C		Remarks	
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14	No primary ption (Descriptration, D=Depl	or secondary hydron be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 5/2	rological indi	ument the incred/Coated Sand Color Hue_10YF	dicator or co	onfirm th tion: PL=P Mottle	e absence of in ore Lining, M=Matr es Type	Location	Texture CL C		Remarks	
Remarks: SOILS Profile Descrip (Type: C=Concent) Depth (In.) 0-14 14-20	No primary ption (Descriptration, D=Depl Hue_10YR Hue_2.5Y	or secondary hydron be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 5/2	eeded to doc latrix, CS=Cove	ument the incred/Coated Sand Color Hue_10YF	dicator or co	onfirm th tion: PL=P Mottle	e absence of in ore Lining, M=Matr es Type	Location	CL C		Remarks	
Remarks: SOILS Profile Descrip (Type: C=Concent) Depth (In.) 0-14 14-20	No primary ption (Descriptration, D=Depl Hue_10YR Hue_2.5Y	or secondary hydron be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 5/2	eeded to doc latrix, CS=Cove	ument the incred/Coated Sand Color Hue_10YF	dicator or co	onfirm th tion: PL=P Mottle	e absence of in ore Lining, M=Matr es Type	Location	CL C		Remarks	
Remarks: SOILS Profile Descrip (Type: C=Concent) Depth (In.) 0-14 14-20 14-20	No primary ption (Descriptration, D=Depl Hue_10YR Hue_2.5Y Hue_10YR	or secondary hydrone be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 5/2 2/1	eeded to doc latrix, CS=Cove	ument the incred/Coated Sand Color Hue_10YF	dicator or configurations; Local	Mottle %	e absence of interest Lining, M=Matr	Location	CL C		Remarks	
Remarks: SOILS Profile Descrip (Type: C=Concent) Depth (In.) 0-14 14-20	No primary ption (Descriptration, D=Depl Hue_10YR Hue_2.5Y Hue_10YR	or secondary hydrone be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 5/2 2/1	eeded to doc latrix, CS=Cove	ument the incred/Coated Sand Color Hue_10YF	dicator or configurations; Local	Mottle %	e absence of in ore Lining, M=Matr es Type	Location	CL C CL			
Remarks: SOILS Profile Descrip (Type: C=Concent) Depth (In.) 0-14 14-20 14-20	No primary ption (Descriptration, D=Depl Hue_10YR Hue_2.5Y Hue_10YR	or secondary hydrone be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 5/2 2/1	eeded to doc latrix, CS=Cove	ument the incred/Coated Sand Color Hue_10YF	dicator or configurations; Local (Moist) R 5/6 not presen	Mottle %	e absence of interest Lining, M=Matr	Location M	CL C CL	for Problemati	c Soils¹	
Remarks: SOILS Profile Descrip (Type: C=Concent) Depth (In.) 0-14 14-20 14-20 NRCS Hydri	No primary ption (Description, D=Depletration, D=Depletration	or secondary hydrone be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 5/2 2/1 Indicators (ch	eeded to doc latrix, CS=Cove	ument the incred/Coated Sand Color Hue_10YF D ndicators are	dicator or control (Moist) R 5/6 not presen	Mottle %	e absence of interest Lining, M=Matr	Location	CL C CL Indicators f A9 - 1 cm M	luck (LRR I, J)	c Soils ¹	
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14 14-20 14-20 NRCS Hydri	No primary ption (Description, D=Depletration, D=Depletration	or secondary hydrone be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 5/2 2/1 Indicators (chain in the color in the co	eeded to doc latrix, CS=Cove	ument the incred/Coated Sand Color Hue_10YF Color Colo	dicator or construction of the construction of	Mottle % 15 t):	e absence of interest Lining, M=Matr	Location	CL C CL Indicators f A9 - 1 cm M A16 - Coast	luck (LRR I, J) Prairie Redox	c Soils ¹	
Remarks: SOILS Profile Descrip (Type: C=Concent) Depth (In.) 0-14 14-20 14-20 NRCS Hydri	Hue_10YR Hue_2.5Y Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His	or secondary hydrone be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 5/2 2/1 Indicators (chain in the color is the color in the co	eeded to doc latrix, CS=Cove	ument the incred/Coated Sand Color Hue_10YF Hue_10YF Solution Solu	Moist) R 5/6 not presen Redox d Matrix Mucky Miner	mottle was al	e absence of interest Lining, M=Matr	Location	CL C CL Indicators f A9 - 1 cm M A16 - Coast S7 - Dark S	luck (LRR I, J) Prairie Redox urface (LRR G	c Soils ¹ (LRR F, G, H)	72)
Remarks: SOILS Profile Descrip (Type: C=Concent) Depth (In.) 0-14 14-20 14-20 NRCS Hydri	Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge	or secondary hydrone be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 5/2 2/1 Indicators (chain in Sulfide	rological indi	ument the incred/Coated Sand Color Hue_10YF Hue_10YF S5 - Sandy S6 - Strippe F1 - Loamy F2 - Loamy	Moist) R 5/6 not presen Redox d Matrix Mucky Miner Gleyed Matri	mottle was al	e absence of interest Lining, M=Matr	Location	CL C CL Indicators f A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F	luck (LRR I, J) Prairie Redox urface (LRR G Plains Depress	c Soils ¹	73)
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14 14-20 14-20 NRCS Hydri	Hue_10YR Hue_2.5Y Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified	or secondary hydrone be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 5/2 2/1 Indicators (chain in the color is the color in the co	rological indi	ument the incred/Coated Sand Color Hue_10YF Hue_10YF Self- Sandy Self- Strippe F1 - Loamy F2 - Loamy F3 - Deplete	Moist) R 5/6 not presen Redox d Matrix Mucky Miner Gleyed Matri	mottle which was all x	e absence of interest Lining, M=Matr	Location	CL C CL Indicators f A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduce	luck (LRR I, J) Prairie Redox urface (LRR G Plains Depress	c Soils ¹ (LRR F, G, H)	73)
Remarks: SOILS Profile Descrip (Type: C=Concent) Depth (In.) 0-14 14-20 14-20 NRCS Hydri	hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete	or secondary hydromore be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 5/2 2/1 Indicators (chain chain	rological indi	ument the incred/Coated Sand Color Hue_10YF Hue_10YF Strippe Strippe F1 - Loamy F2 - Loamy F2 - Loamy F3 - Deplete F6 - Redox F7 - Deplete	Moist) Redox d Matrix Mucky Miner Gleyed Matrix Dark Surface ed Dark Surface	mottle was all as a second confirm the tion: PL=P Mottle was a second confirm the tion: PL=P Mottle was a second confirm the tion: PL=P Mottle was a second confirm the tion: PL=P	e absence of interest Lining, M=Matr	Location	CL C CL Indicators f A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduct TF2 - Red F	luck (LRR I, J) Prairie Redox urface (LRR G Plains Depressi ced Vertic	C Soils ¹ (LRR F, G, H)) ONS (LRR H, outside MLRA 72,	73)
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14 14-20 14-20 NRCS Hydri	htration, D=Depleteration, D=Depleterati	be to the depth neetion, RM=Reduced Matrix Matrix Color (Moist) 2/1 5/2 2/1 Indicators (chain sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface	rological indi	ument the incred/Coated Sand Color Ument the incred	mot presen Redox d Matrix Mucky Miner Gleyed Matrix Dark Surface d Dark Surface Depressions	mottle which was all and a constant of the con	e absence of incore Lining, M=Matrones Type C	Location	CL C CL Indicators f A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduc TF2 - Red F TF12 - Very	luck (LRR I, J) Prairie Redox urface (LRR G Plains Depress ced Vertic Parent Material	C Soils ¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72,	73)
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14 14-20 14-20 NRCS Hydri	Hue_10YR Hue_2.5Y Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydrogel A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M	or secondary hydrometric be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 5/2 2/1 Indicators (characteristic by Sulfide Layers (LRR F) ck (LRR FGH) de Below Dark Surface ark Surface ucky Mineral	rological indi	ument the incred/Coated Sand Color Ument the incred	mot presen Redox d Matrix Mucky Miner Gleyed Matrix Dark Surface d Dark Surface Depressions	mottle which was all and a constant of the con	e absence of interest Lining, M=Matr	Location	CL C CL Indicators f A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduc TF2 - Red F TF12 - Very	luck (LRR I, J) Prairie Redox urface (LRR G Plains Depress ced Vertic Parent Material Shallow Dark	C Soils ¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72,	73)
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14 14-20 14-20 NRCS Hydri	Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm N	be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 5/2 2/1 Indicators (chain in Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface ucky Mineral flucky Peat or Peat (L	rological indi eeded to doc latrix, CS=Cove 9/ 10 6: 20 heck here if i	ument the incred/Coated Sand Color Ument the incred	mot presen Redox d Matrix Mucky Miner Gleyed Matrix Dark Surface d Dark Surface Depressions	mottle which was all and a constant of the con	e absence of incore Lining, M=Matrones Type C	Location	CL C CL Indicators f A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduc TF2 - Red F TF12 - Very Other (Expla	luck (LRR I, J) Prairie Redox urface (LRR G Plains Depression ced Vertic Parent Material Shallow Dark ain in Remarks	C Soils ¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72,	
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14 14-20 14-20 NRCS Hydri	Ption (Descriptration, D=Depleteration, D=Depleteration) Hue_10YR Hue_2.5Y Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black History A4 - Hydroger A5 - Stratified A9 - 1 cm Mu A11 - Depleteration A12 - Thick D S1 - Sandy M S2 - 2.5 cm M S3 - 5 cm Mu	or secondary hydrometric be to the depth neetion, RM=Reduced Mineral Matrix Color (Moist) 2/1 5/2 2/1 Indicators (characteristic by Sulfide Layers (LRR F) ck (LRR FGH) de Below Dark Surface ark Surface ucky Mineral Mucky Peat or Peat (LR) cky Peat or Peat (LR)	rological indi eeded to doc latrix, CS=Cove 9/ 10 6: 20 heck here if i	ument the incred/Coated Sand Color Ument the incred	mot presen Redox d Matrix Mucky Miner Gleyed Matrix Dark Surface d Dark Surface Depressions	mottle which was all and a constant of the con	e absence of incore Lining, M=Matrones Type C	Location	CL C CL Indicators f A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduc TF2 - Red F TF12 - Very Other (Expla	luck (LRR I, J) Prairie Redox urface (LRR G Plains Depression ced Vertic Parent Material Shallow Dark ain in Remarks	C Soils ¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72,	
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14 14-20 14-20 NRCS Hydri	Hue_10YR Hue_10YR Hue_10YR Hue_10YR Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydroge A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm N	or secondary hydrometric be to the depth neetion, RM=Reduced Mineral Matrix Color (Moist) 2/1 5/2 2/1 Indicators (characteristic by Sulfide Layers (LRR F) ck (LRR FGH) de Below Dark Surface ark Surface ucky Mineral Mucky Peat or Peat (LR) cky Peat or Peat (LR)	rological indi eeded to doc latrix, CS=Cove 9/ 10 6: 20 heck here if i	ument the incred/Coated Sand Color Ument the incred	mot presen Redox d Matrix Mucky Miner Gleyed Matrix Dark Surface d Dark Surface Depressions	mottle which was all and a constant of the con	e absence of incore Lining, M=Matrones Type C	Location	CL C CL Indicators f A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduc TF2 - Red F TF12 - Very Other (Expla	luck (LRR I, J) Prairie Redox urface (LRR G Plains Depress ced Vertic Parent Material Shallow Dark ain in Remarks	C Soils ¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72,	
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14 14-20 14-20 NRCS Hydri	Hue_10YR Hue_10YR Hue_2.5Y Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydrogel A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm M S3 - 5 cm Mu S4 - Sandy G	or secondary hydrometric be to the depth neetion, RM=Reduced Mineral Matrix Color (Moist) 2/1 5/2 2/1 Indicators (characteristic by Sulfide Layers (LRR F) ck (LRR FGH) de Below Dark Surface ark Surface ucky Mineral Mucky Peat or Peat (LR) cky Peat or Peat (LR)	rological indi eeded to doc latrix, CS=Cove 9/ 10 6: 20 heck here if i	ument the incred/Coated Sand Color Color Hue_10YF Color Colo	mot present Mucky Miner Gleyed Matrix Dark Surface ded Da	mottle which was all and a constant of the con	e absence of infore Lining, M=Matrees Type C RA 72, 73 of LRF	Location	CL C CL Indicators f A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduc TF2 - Red F TF12 - Very Other (Expla	luck (LRR I, J) Prairie Redox urface (LRR G Plains Depress ced Vertic Parent Material Shallow Dark ain in Remarks	C Soils ¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72,	
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14 14-20 14-20 NRCS Hydri	Hue_10YR Hue_10YR Hue_2.5Y Hue_10YR A1- Histosol A2 - Histic Ep A3 - Black His A4 - Hydrogel A5 - Stratified A9 - 1 cm Mu A11 - Deplete A12 - Thick D S1 - Sandy M S2 - 2.5 cm M S3 - 5 cm Mu S4 - Sandy G	or secondary hydrometric be to the depth neetion, RM=Reduced Mineral Matrix Color (Moist) 2/1 5/2 2/1 Indicators (characteristic by Sulfide Layers (LRR F) ck (LRR FGH) de Below Dark Surface ark Surface ucky Mineral Mucky Peat or Peat (LR) cky Peat or Peat (LR)	rological indi eeded to doc latrix, CS=Cove 9/ 10 6: 20 heck here if i	ument the incred/Coated Sand Color Ument the incred	mot present Mucky Miner Gleyed Matrix Dark Surface ded Da	mottle which was all and a constant of the con	e absence of infore Lining, M=Matrees Type C RA 72, 73 of LRF	Location	CL C CL Indicators f A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduc TF2 - Red F TF12 - Very Other (Expla	luck (LRR I, J) Prairie Redox urface (LRR G Plains Depression ced Vertic Parent Material Shallow Dark ain in Remarks	C Soils ¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72,	
Remarks: SOILS Profile Descrip (Type: C=Concent Depth (In.) 0-14 14-20 14-20 NRCS Hydri	Ption (Description), D=Deplementation, D=Depleme	or secondary hydrometric be to the depth neetion, RM=Reduced Matrix Color (Moist) 2/1 5/2 2/1 Indicators (characteristic of Sulfide Layers (LRR F) ck (LRR FGH) d Below Dark Surface ark Surface ucky Mineral Mucky Peat or Peat (LR) leyed Matrix	rological indicators and indicators are seen as a seen are seen are seen as a seen are seen are seen as a seen are	ument the incred/Coated Sand Color Ument the incred	mot present Mucky Miner Gleyed Matrix Dark Surface do Dark Sur	Mottle Mottle Mottle 15 al x ace assions (ML	e absence of infore Lining, M=Matroes Type C Hydric So	Location M H H II Present?	CL C CL Indicators f A9 - 1 cm M A16 - Coast S7 - Dark S F16 - High F F18 - Reduct TF2 - Red F TF12 - Very Other (Explain	luck (LRR I, J) Prairie Redox urface (LRR G) Plains Depress ced Vertic Parent Material Shallow Dark ain in Remarks hydrophytic vegeta ed or problematic.	C Soils ¹ (LRR F, G, H) Ons (LRR H, outside MLRA 72,	y must be present,

WETLAND DETERMINATION DATA FORM Great Plains Region

1.	(Species identified in all uppercase are (Plot size: 30 ft. radius) Species Name	e non-native	species.)		
Tree Stratum ((Plot size: 30 ft. radius)		e species.)		
1.		º/ Cover			
		76 COVE	Dominant	Ind.Status	Dominance Test Worksheet
2					
2.					Number of Dominant Species that are OBL, FACW, or FAC:(A)
3.					
4.					Total Number of Dominant Species Across All Strata:3(B)
5.					5 (5 (5 (7 (7 (7 (7 (7 (7 (7 (7 (7 (7 (7 (7 (7
6. 7.					Percent of Dominant Species That Are OBL, FACW, or FAC:(A/B)
8.	1				Prevalence Index Worksheet
9.	-				Total % Cover of: Multiply by:
10.					OBL spp. 5 $x 1 = 5$
	Total Cover =	0			OBL spp. 5
			<u>-</u>		FAC spp. $0 X 3 = 0$
	Stratum (Plot size: 15 ft. radius)				FACU spp. $90 x 4 = 360$
1. 2.					UPL spp
3.					Total 105 (A) 385 (B)
<u> </u>					Total 105 (A) 385 (B)
5.					Prevalence Index = B/A = 3.667
6.					
7.					
8.					Hydrophytic Vegetation Indicators:
9.					Rapid Test for Hydrophytic Vegetation
10.	Total Cavar				Dominance Test is > 50%
ĺ	Total Cover =	0	_	l	Prevalence Index is ≤ 3.0 *
Literate Otrostumo /					Morphological Adaptations (Explain) *
Herb Stratum ((Plot size: 5 ft. radius) Lotus corniculatus	40	Υ	FACU	Problem Hydrophytic Vegetation (Explain) *
2.	Solidago canadensis	40 25	<u>т</u> Ү	FACU	* Indicators of hydric soil and wetland hydrology must be
3.	Elymus repens	25	Y	FACU	present, unless disturbed or problematic.
4.	Agrostis gigantea	10	N	FACW	Definitions of Vegetation Strata:
5.	Carex pellita	5	N	OBL	
6					Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast
7.					height (DBH), regardless of height.
8.					The state of the s
9.					Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.
10.					
11.					Herb - All herbaceous (non-woody) plants, regardless of size.
12. 13.					Herb - All Herbaceas (Herr Woody) Plante, regardless of eles.
14.					
15.					Woody Vines - All woody vines, regardless of height.
-	Total Cover =	105			
Woody Vine St	tratum (Plot size: 30 ft. radius)				
1.					
2.					
3.					Hydrophytic Vegetation Present? N
5. 4.					
' 4.	Total Cover =	0			
Remarks:	The upland sample point is dominated by bird		efoil. Cana	da golden	rod and quackgrass.
11011101111	The aparta cample points assuments	W 0 1001	7011, 0011	ua 95	
Additional F	Remarks:				
ĺ					· · · · · · · · · · · · · · · · · · ·
ĺ					