WETLAND DETERMINATION DATA FORM - Great Plains Region Sampling Date: 1/8 Gity/County: ______ State: 50 Sampling Point: WSOOK Applicant/Owner: Irans Canada Section, Township, Range: Sec 4 1910 48 Investigator(s): ___ Local relief (concave, convex, none): Landform (hillslope, terrace, etc.): _ Subregion (LRR): Northern Great Datum: Long: NWI classification: Soil Map Unit Name: Are climatic / hydrologic conditions on the site typical for this time of year? Yes No _____ (If no, explain in Remarks.) Are Vegetation _____, Soil ______, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes_ , Soil _____, or Hydrology _____naturally problematic? (If needed, explain any answers in Remarks,) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes Is the Sampled Area Hydric Soil Present? Yes No within a Wetland? Wetland Hydrology Present? Remarks: VEGETATION - Use scientific names of plants. Absolute Dominant Indicator **Dominance Test worksheet:** Tree Stratum (Plot size: % Cover Species? Status Number of Dominant Species That Are OBL, FACW, or FAC (excluding FAC-): (A) Total Number of Dominant Species Across All Strata: = Total Cover Percent of Dominant Species Sapling/Shrub Stratum (Plot size: That Are OBL, FACW, or FAC: Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species x 1 = FACW species x 2 = FAC species x3= = Total Cover Herb Stratum (Plot size: FACU species ____ x 4 = ___ ___ x5=__ UPL species Column Totals: __ (A) _____ (B) Prevalence Index = B/A = ___ totemista compestors 5 Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation ___ 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.01 4 - Morphological Adaptations (Provide supporting 9. data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain) SS = Total Cover Woody Vine Stratum (Plot size: Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Hydrophytic Vegetation = Total Cover Present? % Bare Ground in Herb Stratum Remarks:

SOIL

Sampling Point: W500 AA005

			h needed to document th		onfirm the	absence of indicators.)	
Depth (inches)			Redox Feat	Type ¹ L	oc² Te		
A-U	104R 3/1	100	Color (moist) 70			c 1 //	
11 100		100				Dancy Loan	
4-15	101/24/	1 /00			_	Sarly Clay loan	
		I the I					
			The state of the s				
	10.						
	2.3616.0863		- NOT 1275 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
	The little of						
¹Type: C=Co	oncentration, D=D	epletion, RM=	Reduced Matrix, CS=Cove	ered or Coated Sa	and Grains.	² Location: PL=Pore Lining, M=Matrix.	
			RRs, unless otherwise r			dicators for Problematic Hydric Soils ³ :	
Histosol			Sandy Gleyed	Control of the Contro		_ 1 cm Muck (A9) (LRR I, J)	
Histic Epipedon (A2)			Sandy Redox			Coast Prairie Redox (A16) (LRR F, G, H)	
Black Histic (A3)			Stripped Matrix			Dark Surface (S7) (LRR G)	
Hydrogen Sulfide (A4)			Loamy Mucky			High Plains Depressions (F16)	
Stratified Layers (A5) (LRR F)			Loamy Gleyed		12011	(LRR H outside of MLRA 72 & 73)	
1 cm Muck (A9) (LRR F, G, H)			Depleted Matri			Reduced Vertic (F18)	
Depleted Below Dark Surface (A11)			Redox Dark Si		1 1 1 1 1 1	Red Parent Material (TF2)	
Thick Dark Surface (A12)			Depleted Dark	Surface (F7)	W Fair Mac	_ Very Shallow Dark Surface (TF12)	
Sandy Mucky Mineral (S1)			Redox Depres	sions (F8)		_ Other (Explain in Remarks)	
2.5 cm Mucky Peat or Peat (S2) (LRR G, H)			i, H) High Plains De	pressions (F16)	3 1	ndicators of hydrophytic vegetation and	
5 cm Mu	cky Peat or Peat	(S3) (LRR F)	(MLRA 72	& 73 of LRR H)		wetland hydrology must be present,	
			ME SURVEY ME			unless disturbed or problematic.	
Restrictive I	ayer (if present)						
Type:							
Depth (inc	ches):				Ну	dric Soil Present? Yes No	
Remarks:	Charles and		SECTION AND ADDRESS.				
HYDROLO			M 125				
Wetland Hyd	drology Indicator	rs:	通多 网 自然 新				
Primary India	ators (minimum c	of one required	; check all that apply)			Secondary Indicators (minimum of two required)	
Surface	Water (A1)		Salt Crust (B11)			Surface Soil Cracks (B6)	
High Wa	ter Table (A2)		Aquatic Invertebr	ates (B13)		Sparsely Vegetated Concave Surface (B8)	
Saturatio	on (A3)		Hydrogen Sulfide			Drainage Patterns (B10)	
Water Marks (B1)			Dry-Season Wate			Oxidized Rhizospheres on Living Roots (C3)	
Sediment Deposits (B2)			Oxidized Rhizosp		Roots (C3)	(where tilled)	
Drift Deposits (B3)			(where not tille		1.00.0 (00)	Crayfish Burrows (C8)	
Algal Mat or Crust (B4)			Presence of Red			Saturation Visible on Aerial Imagery (C9)	
			Thin Muck Surface			Geomorphic Position (D2)	
Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7)						FAC-Neutral Test (D5)	
Water-Stained Leaves (B9)) Other (Explain in	Remarks)			
		9)				Frost-Heave Hummocks (D7) (LRR F)	
Field Observ				1000			
Surface Water	face Water Present? Yes No Depth (inches):						
Water Table Present? Yes No			lo Depth (inches):	Depth (inches):			
Saturation Pr		Yes N	lo Depth (inches):		Wetland H	Hydrology Present? Yes No	
(includes cap			-iti		(I \ '.	31-61-	
Describe Red	corded Data (strea	arn gauge, mo	nitoring well, aerial photos,	previous inspec	uons), if ava	illable:	
		LK ETT					
Remarks:		MAIN PLAN		demonstration			