WETLAND DETERMINATION DATA FORM – Great Plains Region

Project/Site:		City/Cour	nty:		Sampling Date:		
Applicant/Owner:			Sta	te:	Sampling Point:		
Investigator(s):		Section,	Township, Range:				
Landform (hillslope, terrace, etc.):		Local re	lief (concave, convex, no	ne):	Slop	e (%):	
Subregion (LRR):	I	.at:	Long:		Datun	n:	
Soil Map Unit Name:				NWI classific	cation:		
Are climatic / hydrologic conditions on the	e site typical for this tir	ne of year? Yes	No (If r	io, explain in R	(emarks.)		
Are Vegetation, Soil, or Hydrology significantl			disturbed? Are "Normal Circumstances" present? Yes No				
Are Vegetation, Soil, or Hydrology naturally p			lematic? (If needed, explain any answers in Remarks.)				
SUMMARY OF FINDINGS - Att	tach site map sh	owing sampl	ling point locations	s, transects	s, important fea	atures, etc.	
Hydrophytic Vegetation Present?	Yes No _	Is	the Sampled Area				
Hydric Soil Present?		w	ithin a Wetland?	Yes	No	No	
	Yes No _						

VEGETATION – Use scientific names of plants.

	Absolute		Dominance Test worksheet:
Tree Stratum (Plot size:)		<u>Species?</u> Status	 Number of Dominant Species
1			_ That Are OBL, FACW, or FAC (excluding FAC-): (A)
2			- (excluding FAC-): (A)
3			Total Number of Dominant
4			- Species Across All Strata:(B)
		= Total Cover	Percent of Dominant Species
Sapling/Shrub Stratum (Plot size:)			That Are OBL, FACW, or FAC: (A/B)
1			Prevalence Index worksheet:
2			
3			- OBL species x 1 =
4			- FACW species x 2 =
5			- FAC species x 3 =
Herb Stratum (Plot size:)		= Total Cover	FACU species x 4 =
1			UPL species x 5 =
2			Column Totals: (A) (B)
3.			
4			Prevalence Index = B/A =
5			Hydrophytic Vegetation Indicators:
6			Dominance Test is >50%
7			Prevalence Index is ≤3.0 ¹
8			Morphological Adaptations ¹ (Provide supporting
9			- data in Remarks or on a separate sheet)
			Problematic Hydrophytic Vegetation ¹ (Explain)
10		= Total Cover	-
Woody Vine Stratum (Plot size:)			¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1			
2			Hydrophytic
		= Total Cover	Vegetation Present? Yes <u>No</u>
% Bare Ground in Herb Stratum		-	
Remarks:			

SOIL

Sampling Point: _____

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth	Matrix		Red	ox Feature		<u> </u>		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
				_				
	·							
<u> </u>	·							
¹ Type: C=C	oncentration, D=D	epletion, RM=Re	duced Matrix, C	S=Covered	d or Coate	d Sand Gr	ains. ² Location	: PL=Pore Lining, M=Matrix.
Hydric Soil	Indicators: (App	licable to all LR	Rs, unless othe	rwise not	ed.)		Indicators for P	roblematic Hydric Soils ³ :
Histoso	l (A1)		Sandy	Gleyed Ma	trix (S4)		1 cm Muck ((A9) (LRR I, J)
Histic E	pipedon (A2)		Sandy	Redox (S5)		Coast Prairi	e Redox (A16) (LRR F, G, H)
Black H	listic (A3)		Strippe	d Matrix (S	6)		Dark Surfac	e (S7) (LRR G)
Hydrog	en Sulfide (A4)		Loamy	Mucky Mir	neral (F1)		High Plains	Depressions (F16)
Stratifie	d Layers (A5) (LRI	R F)	Loamy	Gleyed Ma	atrix (F2)		(LRR H d	outside of MLRA 72 & 73)
1 cm M	uck (A9) (LRR F, G	6, H)	Deplete	ed Matrix (I	F3)		Reduced Ve	ertic (F18)
Deplete	d Below Dark Surf	ace (A11)	Redox	Dark Surfa	ice (F6)		Red Parent	Material (TF2)
Thick D	ark Surface (A12)		Deplete	ed Dark Su	rface (F7)			ain in Remarks)
Sandy I	Mucky Mineral (S1)	I		Depressio			³ Indicators of hyd	drophytic vegetation and
	Mucky Peat or Pea		·			,		rology must be present,
	ucky Peat or Peat		(MI	RA 72 & 1	73 of LRR	H)	unless distu	rbed or problematic.
Restrictive	Layer (if present)	:						
Туре:			_					
Depth (in	nches):		_				Hydric Soil Pres	ent? Yes <u>No</u>
Remarks:								
HYDROLC	OGY							
Wetland Hy	drology Indicator	s:						
Primary Indi	cators (minimum o	f one required; cl	heck all that app	ly)			Secondary Inc	dicators (minimum of two required)
Surface	Water (A1)		Salt Crust	: (B11)			Surface S	oil Cracks (B6)
 Hiah W	ater Table (A2)		Aquatic Ir	vertebrate	s (B13)		Sparselv	Vegetated Concave Surface (B8)
	ion (A3)			Sulfide O				Patterns (B10)
	Marks (B1)		Dry-Seas					Rhizospheres on Living Roots (C3)
	nt Deposits (B2)		Oxidized					,
	posits (B3)			not tilled)				Burrows (C8)
	at or Crust (B4)		Presence			D)		n Visible on Aerial Imagery (C9)
	. ,					")		
	posits (B5)		Thin Mucl					hic Position (D2)
	ion Visible on Aeria	/	Other (Ex	plain in Re	marks)			tral Test (D5)
	Stained Leaves (B9)					Frost-Hea	ave Hummocks (D7) (LRR F)
Field Obser								
Surface Wa	ter Present?	Yes No						
Water Table	Present?	Yes No	Depth (ir	nches):		_		
Saturation F		Yes No	Depth (ir	nches):		_ Wetla	and Hydrology Pre	sent? Yes No
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:								
		ini gauge, monito	Jillig well, aeriai	priolos, pr	evious ins	pections),	n avaliable.	
Domortica								
Remarks:								

RI	EPORT DOC		Form Approved					
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This document is one of a series of Regional Supplements to the Corps of Engineers Wetlands Delineation Manual, which provides technical guidance and procedures for identifying and delineating wetlands that may be subject to regulatory jurisdiction under Section 404 of the Clean Water Act. The development of Regional Supplements is part of a nationwide effort to address regional wetland characteristics and improve the accuracy and efficiency of wetland-delineation procedures. This supplement is applicable to the Great Plains Region, which consists of all or significant portions of 11 states: Colorado, Kansas, Minnesota, Montana, Nebraska, New Mexico, North Dakota, Oklahoma, South Dakota, Texas, and Wyoming.								
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