WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site:	City/County:	Samp	oling Date:		
Applicant/Owner:		State: Samp	oling Point:		
Investigator(s):	Section, Township, Range:				
Landform (hillslope, terrace, etc.):	Local relief (concave, convex, none): Slope (%):		Slope (%):		
Subregion (LRR): Lat:	Long:		Datum:		
Soil Map Unit Name:		NWI classification:			
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	y disturbed? Are "Norma	I Circumstances" present	t? Yes No		
Are Vegetation, Soil, or Hydrology naturally pr	roblematic? (If needed,	explain any answers in R	emarks.)		
SUMMARY OF FINDINGS – Attach site map showing	g sampling point locati	ons, transects, imp	oortant features, etc.		

Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present?	Yes Yes Yes	No No No	Is the Sampled Area within a Wetland?	Yes	No
Remarks:					

VEGETATION – Use scientific names of plants.

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

Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ² Location: PL=Pore Lining, ydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydri Histic Epipedon (A2) Sandy Redox (S5) 1 cm Muck (A9) (LRR C) Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Red Parent Material (TF2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Other (Explain in Remarks) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Other (Explain in Remarks) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) ³ Indicators of hydrophytic vegetatic Sandy Mucky Mineral (S1) Vernal Pools (F9) wetland hydrology must be presunless disturbed or problematic.	Redox Features			
dric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydrid _ Histosol (A1)	st) <u>% Type¹ Loc² Texture</u> Remarks			
dric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydrid _ Histosol (A1)				
dric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydri Histosol (A1)				
dric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydri Histosol (A1) Sandy Redox (S5) 1 cm Muck (A9) (LRR C) Histic Epipedon (A2) Stripped Matrix (S6) 2 cm Muck (A10) (LRR B) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Red Parent Material (TF2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Other (Explain in Remarks) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Other (Explain in Remarks) 5 Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Indicators of hydrophytic vegetation wetland hydrology must be pressons (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) wetland hydrology must be pressons unless disturbed or problematic.				
dric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydri Histosol (A1) Sandy Redox (S5) 1 cm Muck (A9) (LRR C) Histic Epipedon (A2) Stripped Matrix (S6) 2 cm Muck (A10) (LRR B) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Red Parent Material (TF2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Other (Explain in Remarks) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Other (Explain in Remarks) 2 Thick Dark Surface (A12) Redox Depressions (F8) ³ Indicators of hydrophytic vegetatic wetland hydrology must be press Sandy Mucky Mineral (S1) Vernal Pools (F9) unless disturbed or problematic.				
Histosol (A1) Sandy Redox (S5) 1 cm Muck (A9) (LRR C) Histic Epipedon (A2) Stripped Matrix (S6) 2 cm Muck (A10) (LRR B) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Red Parent Material (TF2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Other (Explain in Remarks) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Other (Explain in Remarks) Thick Dark Surface (A12) Redox Depressions (F8) ³ Indicators of hydrophytic vegetation wetland hydrology must be pressung Gleyed Matrix (S4)				
Histic Epipedon (A2) Stripped Matrix (S6) 2 cm Muck (A10) (LRR B) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Red Parent Material (TF2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Other (Explain in Remarks) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Other (Explain in Remarks) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Indicators of hydrophytic vegetation Sandy Mucky Mineral (S1) Vernal Pools (F9) wetland hydrology must be presunless disturbed or problematic.	otherwise noted.) Indicators for Problematic Hydric So	Soils':		
Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Red Parent Material (TF2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Other (Explain in Remarks) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Other (Explain in Remarks) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Indicators of hydrophytic vegetation Sandy Mucky Mineral (S1) Vernal Pools (F9) wetland hydrology must be presunless disturbed or problematic.		1 cm Muck (A9) (LRR C)		
Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Red Parent Material (TF2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Other (Explain in Remarks) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Other (Explain in Remarks) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Indicators of hydrophytic vegetation Sandy Mucky Mineral (S1) Vernal Pools (F9) wetland hydrology must be presumed surface or problematic.	ed Matrix (S6) 2 cm Muck (A10) (LRR B)	2 cm Muck (A10) (LRR B)		
Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Other (Explain in Remarks) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Dark Surface (F7) Depleted Below Dark Surface (A12) Redox Depressions (F8) Indicators of hydrophytic vegetation wetland hydrology must be pressund surface (S4) Sandy Gleyed Matrix (S4) Vernal Pools (F9) unless disturbed or problematic.	y Mucky Mineral (F1) Reduced Vertic (F18)			
1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) Sandy Gleyed Matrix (S4) unless disturbed or problematic.	y Gleyed Matrix (F2) Red Parent Material (TF2)	Red Parent Material (TF2)		
1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) Sandy Gleyed Matrix (S4) unless disturbed or problematic.	ted Matrix (F3) Other (Explain in Remarks)			
Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) Sandy Gleyed Matrix (S4) unless disturbed or problematic.				
Thick Dark Surface (A12)Redox Depressions (F8) ³ Indicators of hydrophytic vegetationSandy Mucky Mineral (S1)Vernal Pools (F9)wetland hydrology must be pressionsSandy Gleyed Matrix (S4)unless disturbed or problematic.				
Sandy Mucky Mineral (S1) Vernal Pools (F9) wetland hydrology must be pres Sandy Gleyed Matrix (S4) unless disturbed or problematic.		and		
Sandy Gleyed Matrix (S4) unless disturbed or problematic.				
estrictive Layer (if present):				
Type:				
	Hydric Soil Present? Yes	No		
emarks:	L			

HYDROLOGY

Wetland Hydrology Indicat	ors:					
Primary Indicators (minimum of one required; check all that apply)				Secondary Indicators (2 or more required)		
Surface Water (A1) Salt Crust (B11)			Water Marks (B1) (Riverine)			
High Water Table (A2) Biotic Crust (B12)			Sediment Deposits (B2) (Riverine)			
Saturation (A3) Aquatic Invertebrates (B13)			Drift Deposits (B3) (Riverine)			
Water Marks (B1) (Nonr	iverine)	_	Hydrogen Sulfide Odor (C1)		Drainage Patterns (B10)	
Sediment Deposits (B2)	(Nonriverin	ie) _	Oxidized Rhizospheres along Livi	ng Roots (C3)	Dry-Season Water Table (C2)	
Drift Deposits (B3) (Non	riverine)	_	Presence of Reduced Iron (C4)		Crayfish Burrows (C8)	
Surface Soil Cracks (B6))	_	Recent Iron Reduction in Tilled So	oils (C6)	Saturation Visible on Aerial Imagery (C9)	
Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7)			Shallow Aquitard (D3)			
Water-Stained Leaves (B9) Other (Explain in Remarks)		FAC-Neutral Test (D5)				
Field Observations:						
Surface Water Present?	Yes	No	Depth (inches):			
Water Table Present?	Yes	No	Depth (inches):			
Saturation Present? (includes capillary fringe)	Yes	No	Depth (inches):	Wetland Hy	drology Present? Yes No	
Describe Recorded Data (str	eam gauge,	monitoring	g well, aerial photos, previous inspec	tions), if availa	ble:	
Remarks:						