## U.S. Army Corps of Engineers

## WETLAND DETERMINATION DATA SHEET – Western Mountains, Valleys, and Coast Region See ERDC/EL TR-10-3; the proponent agency is CECW-CO-R

OMB Control #: 0710-0024, Exp: 11/30/2024 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)

Project/Site:				City/Cou	unty:		Sampling Date	c
Applicant/Owner:						State:	Sampling Point	t:
Investigator(s):				Section,	Township, Ra	ange:		
Landform (hillside, terrace, etc.):								ope (%):
Subregion (LRR):						·	<u> </u>	· · · · · · · · · · · · · · · · · · ·
Soil Map Unit Name:							ification:	
Are climatic / hydrologic conditions	on the site typ	oical for t	his time of	f year?	Yes	No (If no, ex	plain in Remarks.)	)
Are Vegetation , Soil ,	or Hydrology	sig	nificantly	disturbed?		·		
Are Vegetation , Soil ,	_					ρlain any answers in Re		
SUMMARY OF FINDINGS -	_				•		•	atures, etc.
Hydrophytic Vegetation Present?	Yes	No		ls th	e Sampled A	ırea		
Hydric Soil Present?	Yes				in a Wetland		No	
Wetland Hydrology Present?	Yes	No_						
VEGETATION – Use scient	tific names	of pla	nts.					
Tree Stratum (Plot size:	)		Absolute	Dominant Species?		Dominance Test wo	rkshoot:	
1. (Flot size		_	76 COVE	Species:	Status	Number of Dominant		
2.						Are OBL, FACW, or f		(A)
3.						Total Number of Dom	ninant Species	
4						Across All Strata:	· <u> </u>	(B)
		_		=Total Cover	•	Percent of Dominant	•	(4.15)
	ot size:					Are OBL, FACW, or I	-AC:	(A/B)
1. 2.						Prevalence Index w	 orksheet:	
3.						Total % Cover of		oly by:
4.						OBL species		
_						FACW species	x 2 =	
		_		=Total Cover		FAC species	x 3 =	
Herb Stratum (Plot size:	)	)				FACU species	x 4 =	
1						UPL species	x 5 =	(D)
2. 3.						Column Totals:  Prevalence Index	(A)	(B)
4						1 revalence index	- b/A -	
5.						Hydrophytic Vegeta	tion Indicators:	
6.							r Hydrophytic Vege	etation
7.				· · · · · · · · · · · · · · · · · · ·		2 - Dominance T	est is >50%	
8						3 - Prevalence In		
9							Adaptations <sup>1</sup> (Prov	
10							ks or on a separate	e sheet)
11				=Total Cover		5 - Wetland Non- Problematic Hyd	-Vascular Plants rophytic Vegetation	n <sup>1</sup> (Explain)
Woody Vine Stratum (Plo	ot size:					<sup>1</sup> Indicators of hydric s be present, unless di		
2.				=Total Cover	. ———	Hydrophytic Vegetation		
% Bare Ground in Herb Stratum		_				Present? Yes	No	_
Remarks:								

SOIL Sampling Point: Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Redox Features Loc<sup>2</sup> Color (moist) Color (moist) Type<sup>1</sup> (inches) Texture Remarks <sup>1</sup>Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. <sup>2</sup>Location: PL=Pore Lining, M=Matrix. Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils<sup>3</sup>: Sandy Gleyed Matrix (S4) 2 cm Muck (A10) (LRR A, E) Histosol (A1) Histic Epipedon (A2) Sandy Redox (S5) Iron-Manganese Masses (F12) (LRR D) Red Parent Material (F21) Black Histic (A3) Stripped Matrix (S6) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) (except MLRA 1) Very Shallow Dark Surface (F22) 1 cm Muck (A9) (LRR D, G) Loamy Gleyed Matrix (F2) Other (Explain in Remarks) Depleted Below Dark Surface (A11) Depleted Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) <sup>3</sup>Indicators of hydrophytic vegetation and Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) wetland hydrology must be present, 2.5 cm Mucky Peat or Peat (S2) (LRR G) Redox Depressions (F8) unless disturbed or problematic. Restrictive Layer (if observed): Type: Depth (inches): **Hydric Soil Present?** No Remarks: **HYDROLOGY** Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) Secondary Indicators (2 or more required) Surface Water (A1) Water-Stained Leaves (B9) (except Water-Stained Leaves (B9) (MLRA 1, 2 High Water Table (A2) MLRA 1, 2, 4A, and 4B) 4A, and 4B) Saturation (A3) Salt Crust (B11) Drainage Patterns (B10) Water Marks (B1) Aquatic Invertebrates (B13) Dry-Season Water Table (C2) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Saturation Visible on Aerial Imagery (C9) Oxidized Rhizospheres on Living Roots (C3) Drift Deposits (B3) Geomorphic Position (D2) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Shallow Aquitard (D3) Iron Deposits (B5) Recent Iron Reduction in Tilled Soils (C6) FAC-Neutral Test (D5) Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (LRR A) Raised Ant Mounds (D6) (LRR A) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Frost-Heave Hummocks (D7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Depth (inches): Yes Water Table Present? Depth (inches): Depth (inches): Wetland Hydrology Present? Yes Saturation Present? No (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

<b>/EGETATION Continued</b> – Us		•		Sampling Point:
Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	Definitions of Vegetation Strata:
5. 6.				Tree – Woody plants 3 in. (7.6 cm) or more in diamet at breast height (DBH), regardless of height.
7				
3				<b>Sapling/Shrub</b> – Woody plants less than 3 in. DBH, regardless of height.
10 11				<b>Herb</b> – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size.
12.		=Total Cover		Woody Vine – All woody vines, regardless of height.
Sapling/Shrub Stratum				
). 7.				
3.				
0. 10.				
l1				
12 13				
		=Total Cover		
Herb Stratum 12.				
13				
5.				
6				
7 8				
9				
20 21.			-	
22.				
23.		=Total Cover	-	
Noody Vine Stratum				
3. I.				
5.				
). '.				
		=Total Cover		
Remarks:				