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	/County:		Sampling Date:	
Applicant/Owner:			State:	Sampling Point:	
Investigator(s):	Secti	ion, Township, Range	e:		
Landform (hillside, terrace, etc.):		ief (concave, convex		Slope (%):	
Are climatic / hydrologic conditions on the site ty					
Are Vegetation, Soil, or Hydrology		' <u></u>	<del></del>	Yes No	
					-
Are Vegetation, Soil, or Hydrology			in any answers in Rem		-4-
SUMMARY OF FINDINGS – Attach s	nte map snowing sam	pling point loca	tions, transects,	important reatures,	etc.
Hydrophytic Vegetation Present? Yes	NoXI	s the Sampled Area	ı		
Hydric Soil Present? Yes		within a Wetland?	Yes	No_X_	
Wetland Hydrology Present? Yes	No_X_				
Remarks:					
VECETATION . He a significance	a af mlamta				
VEGETATION – Use scientific name					
<u>Tree Stratum</u> (Plot size:	Absolute Domin ) % Cover Specie		Dominance Test work	sheet:	
1.			Number of Dominant S	necies That	
2			Are OBL, FACW, or FA		(A)
3			Total Number of Domin	ant Species	
4			Across All Strata:		_(B)
Capling/Charle Ctratum (Dlat size)	=Total Co		Percent of Dominant Sp		(A /D)
Sapling/Shrub Stratum (Plot size:			Are OBL, FACW, or FA	<u> </u>	_(A/B)
1		— — <u> </u>	Prevalence Index wor	ksheet	
2. 3.		1	Total % Cover of:		
4.			OBL species		-
5.			FACW species		_
	=Total Co	over	FAC species	x 3 =	_
Herb Stratum (Plot size:	_)		FACU species	x 4 =	_
1			UPL species	x 5 =	_
2.			Column Totals:		_(B)
3.			Prevalence Index :	= B/A =	-
4 5.			Hydrophytic Vegetation	on Indicators:	
6				Hydrophytic Vegetation	
7.			2 - Dominance Tes	, , , ,	
8.			—— 3 - Prevalence Inde	ex is ≤3.0¹	
9.			4 - Morphological A	Adaptations¹(Provide suppo	orting
10			data in Remarks	or on a separate sheet)	
11		.	5 - Wetland Non-V		
	=Total Co	over .	Problematic Hydro	phytic Vegetation¹ (Explair	า)
Woody Vine Stratum (Plot size:				il and wetland hydrology m	ıust
1.		<u> </u>	be present, unless distu	urbed or problematic.	
2	=Total Co		Hydrophytic		
% Bare Ground in Herb Stratum			Vegetation Present? Yes	NoX	
Pemarks:	<u>-</u>				

## AGENCY DISCLOSURE NOTIFICATION

The public reporting burden for this collection of information, OMB Control Number 0710-xxxx, is estimated to average 1 hour per response, including the timefor reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR REQEUST TO THE ABOVE EMAIL.

## **PRIVACY ACT STATEMENT**

Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers; Final Rule 33 CFR 320-332. Principal Purpose: Information provided on this form will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of a public notice as required by Federal law. Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued. One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and/or instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned. System of Record Notice (SORN). The information received is entered into our permit tracking database and a SORN has been completed (SORN #A1145b) and may be accessed at the following website: http://dpcld.defense.gov/Privacy/SORNsIndex/DOD-wide-SORN-Article-View/Article/570115/a1145b-ce.aspx

					Sampling Point:
Profile Description: (Describe to the depth	needed to docu	ument the indicator or c	onfirm the a	absence of indicator	s.)
Depth Matrix	Rede	ox Features	_		
(inches) Color (moist) %	Color (moist)		Tex	ture	Remarks
		- <u></u>			
		<del></del>			
			-		
			-		
		<del></del>			
			_		
<sup>1</sup> Type: C=Concentration, D=Depletion, RM=Re			and Grains.		Pore Lining, M=Matrix.
Hydric Soil Indicators: (Applicable to all LRI	•	•			olematic Hydric Soils³:
Histosol (A1)	· ·			2 cm Muck (A10) (LRR A, E)	
Histic Epipedon (A2)	Sandy Re		<del></del>		e Masses (F12) (LRR D)
Black Histic (A3)		Matrix (S6)	<del></del>		` '
Hydrogen Sulfide (A4)  1 cm Muck (A9) (LRR D, G)		Loamy Mucky Mineral (F1) (except MLRA 1)  Loamy Gleyed Matrix (F2)  Very Shall  Other (Exp		Other (Explain i	, ,
Depleted Below Dark Surface (A11)				Other (Explain)	ii Reiliaiks)
Thick Dark Surface (A11)		Matrix (F3)		3Indicators of hydro	ohytic vegetation and
Sandy Mucky Mineral (S1)	Redox Dark Surface (F6)				ngy must be present,
2.5 cm Mucky Peat or Peat (S2) (LRR G)	Depleted Dark Surface (F7)  Redox Depressions (F8)				d or problematic.
Restrictive Layer (if observed):	<u> </u>	<u> </u>			Г
Type:					
Depth (inches):			Hydric S	oil Present?	Yes No
			I Hyunc 3		
Remarks:	_		Tryunc 30		
	_		Tryunc 3		
	_		Tryunc 3		
HYDROLOGY Wetland Hydrology Indicators:			Tiyune 3		
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required		,		Secondary Indicator	rs (2 or more required)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required  Surface Water (A1)	Water-Sta	ained Leaves (B9) ( <b>excep</b>		Secondary Indicator	rs (2 or more required) Leaves (B9) (MLRA 1, 2
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required  Surface Water (A1)  High Water Table (A2)	Water-Sta	nined Leaves (B9) ( <b>excep</b> 1, 2, 4A, and 4B)		Secondary Indicator Water-Stained I	rs (2 or more required) Leaves (B9) (MLRA 1, 2
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required  Surface Water (A1)  High Water Table (A2)  Saturation (A3)	Water-Sta MLRA Salt Crust	ined Leaves (B9) ( <b>excep 1, 2, 4A, and 4B</b> ) (B11)		Secondary Indicator Water-Stained 4A, and 4B) Drainage Patter	rs (2 or more required) Leaves (B9) ( <b>MLRA 1, 2</b> rns (B10)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)	Water-Sta MLRA Salt Crust Aquatic In	nined Leaves (B9) (excep 1, 2, 4A, and 4B) (B11) evertebrates (B13)		Secondary Indicator Water-Stained I 4A, and 4B) Drainage Patter Dry-Season Wa	rs (2 or more required) Leaves (B9) ( <b>MLRA 1, 2</b> rns (B10) ater Table (C2)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)	Water-Sta  MLRA  Salt Crust  Aquatic In  Hydrogen	nined Leaves (B9) (excep 1, 2, 4A, and 4B) (B11) (vertebrates (B13) Sulfide Odor (C1)	t	Secondary Indicator Water-Stained I 4A, and 4B) Drainage Patter Dry-Season Wa	rs (2 or more required) Leaves (B9) (MLRA 1, 2 rns (B10) ater Table (C2) ole on Aerial Imagery (C9)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)	Water-Sta  MLRA  Salt Crust  Aquatic In  Hydrogen  Oxidized	nined Leaves (B9) (excep 1, 2, 4A, and 4B) (B11) evertebrates (B13) Sulfide Odor (C1) Rhizospheres on Living R	t	Secondary Indicator Water-Stained I 4A, and 4B) Drainage Patter Dry-Season Wa Saturation Visib	rs (2 or more required) Leaves (B9) (MLRA 1, 2 rns (B10) ater Table (C2) ole on Aerial Imagery (C9) osition (D2)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)	Water-Sta MLRA Salt Crust Aquatic In Hydrogen Oxidized I	nined Leaves (B9) (excep 1, 2, 4A, and 4B) (B11) evertebrates (B13) Sulfide Odor (C1) Rhizospheres on Living R of Reduced Iron (C4)	t oots (C3)	Secondary Indicator Water-Stained 4A, and 4B) Drainage Patter Dry-Season Wa Saturation Visib Geomorphic Po	rs (2 or more required) Leaves (B9) (MLRA 1, 2 rns (B10) ater Table (C2) ole on Aerial Imagery (C9) osition (D2)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)	Water-Sta  MLRA  Salt Crust  Aquatic In  Hydrogen  Oxidized I  Presence  Recent Iro	nined Leaves (B9) (excep 1, 2, 4A, and 4B) (B11) (vertebrates (B13) Sulfide Odor (C1) Rhizospheres on Living R of Reduced Iron (C4) on Reduction in Tilled Soil	t oots (C3)	Secondary Indicator Water-Stained I 4A, and 4B) Drainage Patter Dry-Season Wa Saturation Visib Geomorphic Po Shallow Aquitar FAC-Neutral Te	rs (2 or more required) Leaves (B9) (MLRA 1, 2 rns (B10) ater Table (C2) ble on Aerial Imagery (C9) sition (D2) rd (D3) est (D5)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)	Water-Sta  MLRA  Salt Crust  Aquatic In  Hydrogen  Oxidized In  Presence  Recent Iro  Stunted o	nined Leaves (B9) (excep 1, 2, 4A, and 4B) (B11) evertebrates (B13) Sulfide Odor (C1) Rhizospheres on Living R of Reduced Iron (C4)	t oots (C3)	Secondary Indicator Water-Stained I 4A, and 4B) Drainage Patter Dry-Season Wa Saturation Visib Geomorphic Po Shallow Aquitar FAC-Neutral Te	rs (2 or more required) Leaves (B9) (MLRA 1, 2 rns (B10) ater Table (C2) ole on Aerial Imagery (C9) estition (D2) rd (D3) est (D5) unds (D6) (LRR A)
HYDROLOGY  Wetland Hydrology Indicators:  Primary Indicators (minimum of one is required  Surface Water (A1)  High Water Table (A2)  Saturation (A3)  Water Marks (B1)  Sediment Deposits (B2)  Drift Deposits (B3)  Algal Mat or Crust (B4)  Iron Deposits (B5)  Surface Soil Cracks (B6)	Water-Sta  MLRA  Salt Crust  Aquatic In  Hydrogen  Oxidized In  Presence  Recent Ind  Stunted o  Other (Ex	nined Leaves (B9) (except 1, 2, 4A, and 4B)  (B11) Evertebrates (B13) Sulfide Odor (C1) Rhizospheres on Living Roof Reduced Iron (C4) On Reduction in Tilled Soil or Stressed Plants (D1) (Li	t oots (C3)	Secondary Indicator Water-Stained I 4A, and 4B) Drainage Patter Dry-Season Wa Saturation Visite Geomorphic Po Shallow Aquitar FAC-Neutral Te	rs (2 or more required) Leaves (B9) (MLRA 1, 2 rns (B10) ater Table (C2) ole on Aerial Imagery (C9) estition (D2) rd (D3) est (D5) unds (D6) (LRR A)
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	Absolute	plants.  Dominant	Indicator	Sampling Point:
Tree Stratum	% Cover	Species?	Status	Definitions of Vegetation Strata:
5				Tree – Woody plants 3 in. (7.6 cm) or more in diamet
6				at breast height (DBH), regardless of height.
7. 8.				Continue (Charle - Woods about loss than 0 in DDI)
				Sapling/Shrub – Woody plants less than 3 in. DBH, regardless of height.
-				Herb – All herbaceous (non-woody) plants, including
11.				herbaceous vines, regardless of size.
12.				
		=Total Cover		<b>Woody Vine</b> – All woody vines, regardless of height.
Sapling/Shrub Stratum				
5				
7.				
3.				
9				
10				
11				
12				
13				
		=Total Cover		
<u>Herb Stratum</u>				
12				
13				
14				
15				
16				
17				
18				
19.				
20.				
21.				
22.				
23		T-4-1 0		
Manda Vina Chuchuna		=Total Cover		
Woody Vine Stratum				
3. 4.				
5.				
5.				
7.				
		=Total Cover		
		- Total Covel		
Remarks:				

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