U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Arid West Region

See ERDC/EL TR-08-28; the proponent agency is CECW-COR

OMB Control #: 0710-0024, Exp: 09/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)

Project/Site:			City/County	/:		Samp	ling Date:	
Applicant/Owner:	State:					Sampl	ing Point:	
Investigator(s):			Section, Tov	vnship, Ran	ge:			
Landform (hillside, terrace, etc.):	c.): Local relief (concave, convex, none): Slope (%):					6): <u> </u>		
Subregion (LRR):								
Soil Map Unit Name:					NWI c			
Are climatic / hydrologic conditions	on the site typical fo	or this time of ye			No (If n			
Are Vegetation, Soil, c	or Hydrology	significantly dist	urbed? Are	"Normal Cir	cumstances" pre	sent? Yes	No	
Are Vegetation , Soil , c					ain any answers	_		
SUMMARY OF FINDINGS -				point loc	ations, transe	ects, impor	tant feature	s, etc.
Hydrophytic Vegetation Present?	Yes N	0	Is the S	ampled Are	a			
Hydric Soil Present?		o		Wetland?				
Wetland Hydrology Present?		o			-			
Remarks:								
VEGETATION - Use scient	ific names of p							
<u>Tree Stratum</u> (Plot size:)			ndicator Status	Dominance Tes	t worksheet:		
1					Number of Domi		That	(4)
2.					Are OBL, FACW			(A)
3. 4.					Total Number of Across All Strata		ecies	(B)
		=To	otal Cover	_	Percent of Domi	nant Species	———— That	` ′
Sapling/Shrub Stratum (Plot	t size:)			Are OBL, FACW			(A/B)
1.								
2.					Prevalence Inde			L
3. 4.			 -		Total % Co OBL species		Multiply b	
5.					FACW species		x 2 =	
		=To	otal Cover		FAC species		x 3 =	_
Herb Stratum (Plot size:)				FACU species		x 4 =	<u> </u>
1					UPL species		x 5 =	
2.					Column Totals:		.)	(B)
3. 4.					Prevalence in	ndex = B/A = _		—
5.					Hydrophytic Ve	getation Indic	cators:	
6.						Test is >50%		
7.					Prevalence	Index is ≤3.0 ¹		
8						•	s ¹ (Provide supp	•
			otal Cover				separate shee	,
	size:						egetation ¹ (Exp	
1. 2.			 -		¹ Indicators of hybe present, unle			y must
· - -		=Tc	otal Cover		•	J.G. DOG O	p. e.z.ioiiiatio.	
					Hydrophytic Vegetation			
% Bare Ground in Herb Stratum_	% (Cover of Biotic C	rust		Present?	Yes	No	
Remarks:								

SOIL Sampling Point:

Netland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) Secondary Indicators (minimum of two red Surface Water (A1) Salt Crust (B11) Water Marks (B1) (Riverine)	ydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Sandy Gleyed Matrix (S4) 1 cm Muck (A9) (LRR C) Histosol (A1) Sandy Gleyed Matrix (S4) 1 cm Muck (A9) (LRR C) Black Histic (A3) Stripped Matrix (S6) 2 cm Muck (A10) (LRR B) Black Histic (A3) Stripped Matrix (S6) 2 cm Muck (A10) (LRR B) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Stratified Layers (A5) (LRC C) Loamy Gleyed Matrix (F2) Red Parent Material (F21) 1 cm Muck (A9) (LRR D) Depleted Matrix (F2) Red Parent Material (F21) 1 cm Muck (A9) (LRR D) Depleted Matrix (F3) Very Shallow Dark Surface (F22) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Other (Explain in Remarks) Thick Dark Surface (A12) Depleted Dark Surface (F7) Iron Monosulfide (A18) Redox Depressions (F8) Sandy Mucky Mineral (S1) 3 indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problems estrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No Depth (inches): Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Drainage Patterns (B10) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres on Living Roots (C3) Dry-Season Water Table (C2) Surface Soil Crack (B3) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Thin Water False (A2) Shortiverine) Presence of Reduced Iron (C4) Crayfish proves (C8) Surface Soil Crack (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) FAC-Neutral Test (D5) Left Observations: Later Table Present? Yes No Depth (inches): Later Table Present? Yes No Depth (inches): Later Table Present? Yes No Depth (inches): Later Bable Present? Yes No Depth (inches):	Depth (inches)	Matrix Color (moist)	% Color (n	Redox Featunoist) %		oc ² Te	exture	Remarks	
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Part	Part	Depth (ir	nches):				Hydric	Soil Present?	Yes	No_
Secondary Indicators (minimum of one is required; check all that apply) Secondary Indicators (minimum of two reconders)	Secondary Indicators (minimum of one is required; check all that apply) Secondary Indicators (minimum of two recondary Indicators (packets (B12)									
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VEGETATION Continued	Use	scientific	names	of I	olants.
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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 diameter at breast height (DBH), regardless of height.
7. 8. 9.				Sapling/Shrub – Woody plants less than 3 in. DBH, regardless of height.
10. 11.				Herb – 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				
6				
7				
8				
9				
10				
11				
12				
13				
		Total Cover		
Herb Stratum				
9.				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19.				
20.				
	=	Total Cover		
Woody Vine Stratum				
3.				
4.				
5.				
6.				
7.				
		Total Cover		
Remarks:				
Nemaro.				

AGENCY DISCLOSURE NOTIFICATION

The public reporting burden for this collection of information, OMB Control Number 0710-0024, is estimated to average 30 minutes 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 REQUEST 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