U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region See ERDC/EL TR-12-1; 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):			Section, To	wnship, Range:			
Landform (hillside, terrace, etc.):		Local re	elief (concave, conve	ex, none):	Slope %:		
Subregion (LRR or MLRA):		Lat:	Long:		 Datum:		
Soil Map Unit Name:		_		NWI classification:			
Are climatic / hydrologic conditions	s on the site typical for t	his time of year?	Yes	No (If no, e	explain in Remarks.)		
Are Vegetation , Soil	, or Hydrology	significantly disturb	ed? Are "Norr	nal Circumstances" prese	nt? Yes No		
Are Vegetation, Soil	<u> </u>	_		d, explain any answers in	Remarks.)		
SUMMARY OF FINDINGS					,		
Library housing Name and Company	Vac	No. V	le the Commission A				
Hydrophytic Vegetation Present? Hydric Soil Present?	Yes Yes	_ No_X No_X	Is the Sampled A within a Wetland		No X		
Wetland Hydrology Present?	Yes	No X	If yes, optional We		<u> </u>		
Remarks: (Explain alternative pr	ocedures here or in a s	eparate report.)					
HYDROLOGY							
Wetland Hydrology Indicators:				Secondary Indicators (m	ninimum of two required)		
Primary Indicators (minimum of c		ll that apply)		Surface Soil Cracks			
Surface Water (A1)	Wate	r-Stained Leaves (B	9)	Drainage Patterns (B10)			
High Water Table (A2)	Aqua	tic Fauna (B13)		Moss Trim Lines (B	16)		
Saturation (A3)	Marl	Deposits (B15)		Dry-Season Water	Γable (C2)		
Water Marks (B1)		ogen Sulfide Odor (0		Crayfish Burrows (C	,		
Sediment Deposits (B2)		zed Rhizospheres o			n Aerial Imagery (C9)		
Drift Deposits (B3)		ence of Reduced Iro	` '	Stunted or Stressed			
Algal Mat or Crust (B4)		nt Iron Reduction in	Tilled Soils (C6)	Geomorphic Positio	` '		
Iron Deposits (B5)		Muck Surface (C7)		Shallow Aquitard (D			
Inundation Visible on Aerial I Sparsely Vegetated Concave	- · · ·	r (Explain in Remark	(S)	Microtopographic R FAC-Neutral Test (I	` '		
	Surface (Bo)			FAC-Neutral Test (L)5)		
Field Observations: Surface Water Present? Yes	ns No	Donth (inches):					
Surface Water Present? Ye Water Table Present? Ye		Depth (inches): Depth (inches):					
Saturation Present?		Depth (inches):		d Hydrology Present?	Yes No X		
(includes capillary fringe)				ia riyarology r rocont.	100 <u> </u>		
Describe Recorded Data (stream	gauge, monitoring wel	l, aerial photos, prev	rious inspections), if a	available:			
Remarks:							

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet	:
1				Number of Dominant Species That Are OBL, FACW, or FAC	
3.					(,
4.				Total Number of Dominant Species Across All Strata:	(B)
5.					
6.				Percent of Dominant Species That Are OBL, FACW, or FAC	
7.				Prevalence Index workshee	t:
	:	=Total Cover		Total % Cover of:	Multiply by:
Sapling/Shrub Stratum (Plot size:	_)			OBL species	x 1 =
1.				FACW species	x 2 =
2				FAC species	x 3 =
3				FACU species	x 4 =
4				UPL species	x 5 =
5				Column Totals:	(A)(B)
6.				Prevalence Index = B	/A =
7				Hydrophytic Vegetation Ind	icators:
	:	=Total Cover		1 - Rapid Test for Hydrop	hytic Vegetation
Herb Stratum (Plot size:)				2 - Dominance Test is >5	0%
1				3 - Prevalence Index is ≤	3.0 ¹
2				4 - Morphological Adapta data in Remarks or on	tions¹ (Provide supporting a separate sheet)
4.				Problematic Hydrophytic	Vegetation¹ (Explain)
5.					
6.				¹ Indicators of hydric soil and v present, unless disturbed or p	
7				Definitions of Vegetation St	trata:
8				Tree – Woody plants 3 in. (7.	6 cm) or more in diameter
9				at breast height (DBH), regard	dless of height.
10				Sapling/shrub – Woody plan	its less than 3 in. DBH and
11				greater than or equal to 3.28	ft (1 m) tall.
12.	-	=Total Cover		Herb – All herbaceous (non-vof size, and woody plants less	voody) plants, regardless s than 3.28 ft tall.
Woody Vine Stratum (Plot size:)				
1.				Woody vines – All woody vir height.	nes greater than 3.28 ft in
2.					
3.				Hydrophytic	
4.				Vegetation Present? Yes	No X
	:	=Total Cover			
Remarks: (Include photo numbers here or on a se	parate sheet.)			· ·	

SOIL Sampling Point:

Profile Description: (Describe to the de	oth needed to docu	ment th	ne indica	tor or co	nfirm the absence of	findicators.)		
Depth Matrix	th Matrix Redox Features							
(inches) Color (moist) %	Color (moist)	%	Type ¹	Loc ²	Texture	Rei	narks	
						-		
			<u> </u>			-		
			. <u></u>					
¹ Type: C=Concentration, D=Depletion, RM	=Reduced Matrix, M	IS=Mas	ked Sand	Grains.	² Location: P	L=Pore Lining, M=	Matrix.	
Hydric Soil Indicators:					Indicators f	or Problematic Hy	dric Soils3:	
Histosol (A1)	Dark Surface (S7)			2 cm Mu	uck (A10) (LRR K,	L, MLRA 14	9B)
Histic Epipedon (A2)	Polyvalue Belo	w Surfa	ce (S8) (L	RR R,	5 cm Mu	ucky Peat or Peat (53) (LRR K ,	, L, R)
Black Histic (A3)	MLRA 149B)			Polyvalı	ie Below Surface (\$	88) (LRR K ,	L)
Hydrogen Sulfide (A4)	Thin Dark Surfa	ace (S9)) (LRR R,	MLRA 1	49B)Thin Da	rk Surface (S9) (LF	RK, L)	
Stratified Layers (A5)	High Chroma S	Sands (S	611) (LRF	R K, L)	Iron-Ma	nganese Masses (F	12) (LRR K	(, L, R)
Depleted Below Dark Surface (A11)	Loamy Mucky	Mineral	(F1) (LRF	R K, L)	Piedmoi	nt Floodplain Soils	(F19) (MLR	A 149B)
Thick Dark Surface (A12)	Loamy Gleyed	Matrix ((F2)		Red Par	ent Material (F21)	outside ML	RA 145)
Mesic Spodic (A17)	Depleted Matri	x (F3)			Very Sh	allow Dark Surface	(F22)	
(MLRA 144A, 145, 149B)	Redox Dark Su	ırface (F	-6)		Other (E	Explain in Remarks)		
Sandy Mucky Mineral (S1)	Depleted Dark	Surface	e (F7)					
Sandy Gleyed Matrix (S4)	Redox Depress	sions (F	8)					
Sandy Redox (S5)	Marl (F10) (LR	RK,L)			³ Indicato	ors of hydrophytic v	egetation ar	nd
Stripped Matrix (S6)	Red Parent Ma	ed Parent Material (F21) (MLRA 145)			wetland hydrology must be present,			
					unless	s disturbed or probl	ematic.	
Restrictive Layer (if observed):								
Туре:								
Depth (inches):					Hydric Soil Prese	nt? Yes_	No_	Х
Remarks:								
Remarks.								

VEGETATION Continued	_ 1156	scientific	names	of plant	<
VEGETATION CONTINUES	- 036		Hallics	ui biani	Э.

/EGETATION Continued – Use scier	ntific names of	plants.		Sampling Point:
Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	Definitions of Vegetation Strata:
8				Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
9.				at breast neight (DBH), regardless of neight.
10				Sapling/shrub – Woody plants less than 3 in. DBH and
11				greater than or equal to 3.28 ft (1 m) tall.
12				Herb – All herbaceous (non-woody) plants, regardless
13				of size, and woody plants less than 3.28 ft tall.
14				Woody vines – All woody vines greater than 3.28 ft in
	<u></u> :	=Total Cover		height.
Sapling/Shrub Stratum				
8.				
9.				
10				
11				
12				
13				
14.				
		=Total Cover		
Herb Stratum				
13				
14				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
		=Total Cover		
Woody Vine Stratum				
5.				
6.				
7.				
8.				
		=Total Cover		
Pemarks: (Include photo numbers here or on a				

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