WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys and Coast Region

Project/Site: Hicks RV Park		City/Co	unty: Chehal	lis/Lewis Sampling Date: 4/16/2022		
Applicant/Owner: Fuller Desings	State: <u>W/</u>			A Sampling Point: TP-1		
Investigator(s): T. Haderly		Sectio	on, Township	o, Range: Section 17, Township 14 North, Range 2 West		
Landform (hillslope, terrace, etc.): Floodplain		Local relief: Fl	at	Slope (%): <u>0-3%</u>		
Subregion (LRR): A	Lat: 46.691	1913	_ Long: <u>-122.</u>	.956676 Datum: WGS84		
Soil Map Unit Name: <u>#172 Reed silty clay loam</u>			N	IWI classification: PEM		
Are climatic / hydrologic conditions on the site typical for	or this time of	year? Yes⊠	No∐ (If	no, explain Remarks.)		
Are Vegetation∐, Soil∐, or Hydrology∐ significantl	y disturbed?	Ar	ea "Normal (Circumstances" present? Yes⊠ No∐		
Are Vegetation∐, Soil∐, or Hydrology∐ naturally pi	oblematic?	(If need	led, explain a	any answers in Remarks.)		
SUMMARY OF FINDINGS – Attach site map	showing s	sampling po	oint locatio	ons, transects, important features, etc.		
Hydrophytic Vegetation Present? Yes 🗌 No 🛛	ব					
Hydric Soils Present? Yes I No	Is the Sampled Area		mpled Area			
Wetland Hydrology Present? Yes 🗍 No 🖗	3	within a	Wetland?	Yes∟ No⊠		
Remarks:		1				
VEGETATION (Use scientific names)	Absolute	Dominant	Indicator	Dominance Test Worksheet		
Tree Stratum (Plot size:30 ft radius)	% Cover	Species?	Status			
1	<u>%</u>		Oldido	- Number of Dominant Species ο (Δ)		
2	<u> </u>			That Are OBL. FACW. or FAC:		
2. 3	<u> </u>					
δ	//			Total Number of Dominant 1 (B)		
Total Cover:	<u> </u>			Species Across All Strata:		
	70			0 (Δ/B)		
				Percent of Dominant Species (AB)		
<u>Sapling/Shrub Stratum</u> (Plot size: <u>5</u> ft. radius)				That Are OBL, FACW, or FAC		
1	%			Prevalence Index worksheet		
2.	%			Total % Cover of: Multiply by:		
3	%			OBL species 0 x 1= 0		
4.	%			FACW species 0 x 2= 0		
5	%			FAC species 120 x 3= 360		
Total Cover:	%			FACU species 50 x 4= 200		
<u>Herb Stratum</u> (Plot size: <u>5</u> ft radius)				UPL species <u>0</u> x 5= <u>0</u>		
1. Agrostis gigantea	40%	yes	FAC	Column Totals: 170 (A) 560 (B)		
2. Schedonorus arundinaceus	40%	yes	FAC	Prevalence Index = B/A= <u>3.29</u>		
3. Hypochaeris radicata	30%	no	FACU	Hydrophytic Vegetation Indicators:		
4. Vicia	000/	no	FAC	1 – Rapid Test for Hydrophytic Vegetation		
vicia americana	20%			2 – Dominance Test is >50%		
5. Taraxacum officinale	20%	no	FACU	\square 3 - Prevalence Index is $\leq 3.0^1$		
	200/	no	FAC	4 - Morphological Adaptations ¹ (Provide		
	20%			 supporting data In Remarks or on a separate sheet) 		
7	%					
8	%			☐ Wetland Non-Vascular Plants ¹		
Total Cover:	170%			Problematic Hydrophytic Vegetation ¹ (Explain)		
Woody Vine Stratum (Plot size: <u>30</u> ft radius)						
1	%			¹ Indicators of hydric soil and wetland hydrology		
2.	%			Must be present, unless disturbed or problematic.		
Total Cover	%					
				Hydrophytic Vegetation Present?		
% Bare Ground in Herb Stratum 0%						
Pemarka						
nemarks.						

SOIL

Profile Description: (Describe to the d	epth needed to doc	ument the indicator or o	confirm the	absence of indicators.)					
Depth Matrix		Redox Features							
(inches) Color (moist) %	Color (moist)	% Type ¹	Loc ²	Texture	Remarks				
0-18 7.5YR4/3 100%		%		Gravelly Clay					
<u> </u>		%							
<u> </u>									
<u> </u>									
<u> </u>		%							
<u> </u>		%							
¹ Type: C=Concentration, D=Depletion,	RM=Reduced Matrix	, CS=Covered or Coated	Sand Grair	ns. ² Location: PL=Pore Lining	M=Matrix				
Hydric Soil Indicators: (Applicable to a	all LRRs, unless oth	erwise noted.)		Indicators for Problematic	Hydric Soils				
Histosal (A1)	Sandy Redox		2 cm Muck (A10)						
_ Histic Epipedon (A2)				Red Parent Material (TF2) Very Shellow Dark Surface (TE12)					
Black Histic (A3)	Loamy Mucky	Mineral (F1) (excent MI	RA 1)	Other (Explain in Remarks)				
\square Hydrogen Sulfide (A4)		d Matrix (F2))				
Depleted Below Dark Surface (A11)		riv (F3)							
\square Thick Dark Surface (A12)		Surface (E6)							
Sandy Mucky Minerals (S1)		k Surface (F7)		3 Indiantara of hydrophytic year	atation and				
\Box Sandy Gleved Matrix (S4)		scions (F8)		Vational budrology must b					
Bostrictive Laver (if present):				wetland hydrology must b	e present				
Restrictive Layer (il present).									
Туре:			Hy	dric Soil Present?					
					Yes⊡ No⊠				
Depth (inches):									
Remarks: Fill. No hydric soil indicaters w	ith top 20 inches of t	he soil profile.							
HYDROLOGY									
Wetland Hydrology Indicators:				Secondary Indicators					
Wettand Trydrology indicators.				(2 or more required)					
Primary Indicators (min. of one required;	check all that apply)			<u>(</u>					
				 ☐ Water Stained Lea	ves (B9)				
Surface Water (A1)	☐ Water-Stained	d Leaves (B9) (except M	LRA 1, 2, 4	A, & 4B) (MLRA 1, 2, 4A, a	nd 4B)				
High Water Table (A2)				Drainage Patterns	(B10)				
Saturation (A3)	Aquatic Invert	ebrates (B13)		🗌 Dry-Season Water	Table (C2)				
☐ Water Marks (B1)	ter Marks (B1)				Saturation Visible on Aerial Imagery (C9)				
Sediment Deposits (B2)	Oxidized Rhiz	ospheres along Living Ro	oots (C3)	🗌 Geomorphic Positi	on (D2)				
Drift Deposits (B3)	Presence of F	Reduced Iron (C4)	()	 ☐ Shallow Aquitard (D3)				
Algal Mat or crust (B4)	Recent Iron R	eduction in Tilled Soils (C6)	FAC-Neutral Test	(D5)				
\square Iron Deposits (B5)	Stunted or Str	ressed Plants (D1) (LRR	A)	Raised Ant Mound	s (D6) (L RR A)				
Surface Soil Cracks (B6)	Other (Explain	in Remarks)	Γ)		nocks (D4)				
)								
Field Observations:									
Surface Water Present? Yes	No 🛛 🛛 De	epth (Inches):							
Water Table Present? Yes	No 🛛 🛛 De	epth (Inches):	Wet	land Hydrology Present?					
Saturation Present? Yes	No 🛛 🛛 De	epth (Inches):	ļ		Yes 🗌 No 🛛				
(Includes Capillary fringe)									
Describe Recorded Data (Stream gauge	monitoring well, aeri	al photos, previous inspe	ections), if av	vailable:					
Remarks:									
Remarks:					<u> </u>				
Remarks:									
Remarks:									
Remarks:									
Remarks:									