William Haberman, Managing Member
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Re: Trestle Creek Project (RP57NR01E166160A; RPO31740000010A, RPO31740000020A, RPO31740000030A), T 57N, R 12E, portion of Section 16, Bonner County, ID: Wetland Delineation Report - UPDATE for Classification of Wetland Areas

Dear Mr. Haberman:

Per your request for environmental services, I am submitting this <u>update</u> to the July 26, 2022 Wetland Determination Report for the property referenced above. Based on a request from William Schrader (US Army Corps of Engineers) to identify and classify the wetland areas (including areal extents) determined in that report, I am submitting this update. There is no change to the delineation report — this update serves to clarify and document the National Wetland Inventory (NWI) wetland classifications.

This update and the NWI classifications are based on conversations with Mr. Schrader, in consultation with Mr. Rusty Griffin (Wetland Classification Steward, Ecological Services, National Wetland Inventory), as well as review of documentation from the US Fish and Wildlife Service (citation below Table 1). I also utilized InterMountain Resources: "Riparian Vegetation Restoration / Planting Plan" (February 25, 2008). In that document, photographs were taken in late fall 2007 which assisted in determining duration of hydrology in various areas (as my delineation occurred in spring 2022).

The NWI utilizes the Cowardin System (Cowardin et al 1979) to classify wetlands and deepwater habitats. I will not go into detail identifying the characteristics and definitions of the various systems and classes. Basically, the Lacustrine system requires depths of ≥ 2.5 m; and the Riverine system requires clear streambanks. These features were not observed in the slough-type areas and were therefore considered to be in the Palustrine system.

Using ArcMap I delineated the specific wetland areas within the Trestle Creek project area and constructed new polygons separating out the various different wetland classes. I used ArcMap to calculate the areal extent of each wetland separated by class. Figure 7 shows these areas, their locations, and areal extents. I determined the western extent of the (possibly) lake-influenced areas as near the ordinary high water mark, or in the case of the Main Branch of Trestle Creek, its mouth.

The information on Figure 7 is detailed and shown on Table 1, which summarizes the wetland areas, classification, areal extent, and rationale for the classification.

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Table 1. Wetland Areas, Classification, Areal Extent, and Rationale for NWI Classification (see Figure 7)

Area	NWI Classification	Areal Extent	Rationale
East Oxbow / Slough	PUB3H (palustrine, unconsolidated bottom, mud, permanently flooded)	38,744 sf (0.89 ac)	lacks flow late season, not riverine or lacustrine due to not meeting requirements for 2.5 m depths; not riverine because it lacks streambanks
Boat⊕asin / Slough	PUB3H (palustrine, unconsolidated bottom, mud, permanently flooded)	20,416 sf (0.47 ac)	as above
North Branch Trestle Creek	R4SBC (riverine, intermittent, streambed, seasonally flooded)	6,006 sf (0.14 ac)	has streambanks, intermittent flow, streambed (cobbles/gravels)
Smalflobe north of North	PEM1C (palustrine, emergent, persistent, seasonally flooded)	471 sf (0.01 ac)	small area outside North Branch, possibly high flow overflow area
small lobe south of North Branch	PUB3H (palustrine, unconsolidated bottom, mud, permanently flooded)	4,999 sf (0.11 ac)	possible high flow area draining into PFO1C through culvert, scant vegetation, mud bottom
Outlet of North Branch	R2UB1H (riverine, lower perennial, unconsolidated bottom, cobble-gravel, permanently flooded	37,237 sf (0.85 ac)	riverine, perennial, lower in landscape, mostly clear streambanks; terminates at lake; flow still evident in fall 2007
Main Branch Trestle Creek	R2UB1H (riverine, lower perennial, unconsolidated bottom, cobble-gravel, permanently flooded	57,221 sf 1.31 ac)	as above

These classifications were assisted by Rusty Griffin (Wetland Classification Steward, Ecological Services, National Wetland Inventory) (pers. comm. August 15, 2022) for clarification of whether or not to include bank vegetation as separate NWI designation and clarification of PUBH designations. Also documentation from Data Collection Requirements and Procedures for Mapping Wetland, Deepwater, and Related Habitats of the United States (version 3). U.S. Fish and Wildlife Services - Ecological Services Division of Budget and Technical Support Branch of Geospatial Mapping and Technical Support. Falls Church, VA 2204x, Revised July 2020. Thank you for requesting my services. Let me know if you have any questions or need additional information.

Sincerely,

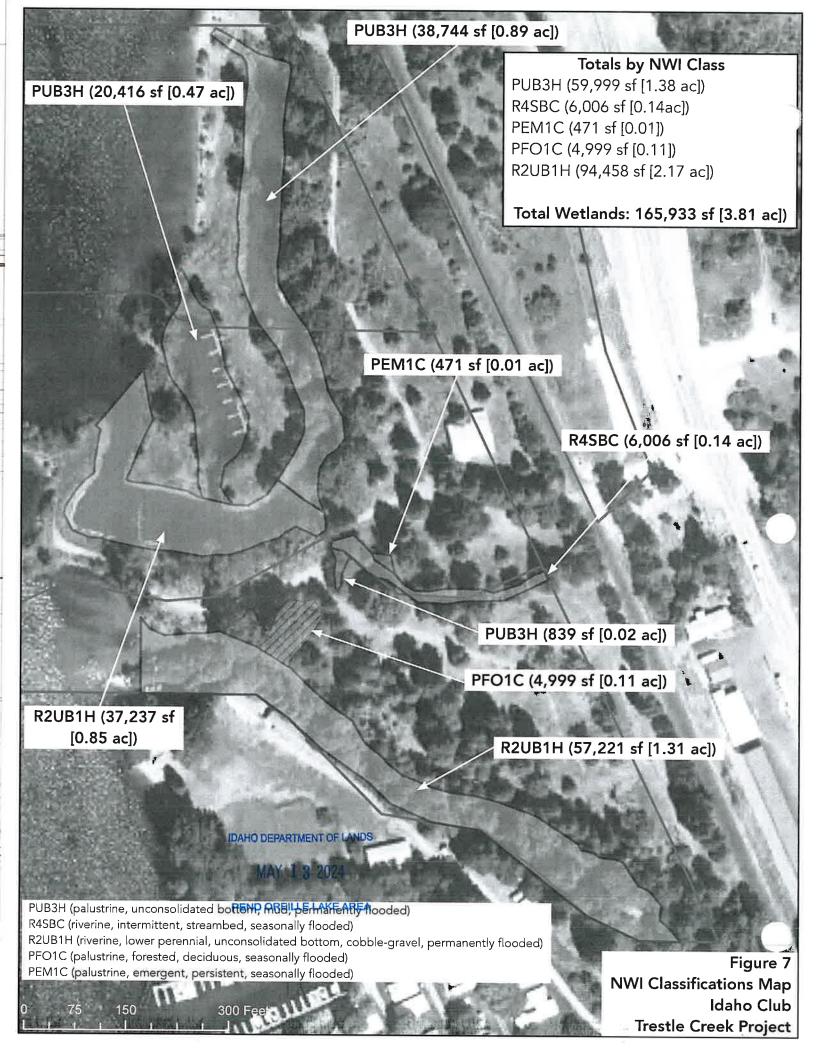
Tom Duebendorfer, MA, PWS (Emeritus)

encls: Figure 7: NWI Wetland Classifications Map

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William Haberman, Managing Member Valiant Idaho II, LLC, The Idaho Club 151 Clubhouse Way Sandpoint, ID 83864 (407) 973-7875 william.haberman@me.com

Re: Trestle Creek Project (RP57NR01E166160A; RPO31740000010A, RPO31740000020A, RPO31740000030A), T 57N, R 12E, portion of Section 16, Bonner County, ID: Wetland Delineation Report - UPDATE for Additional Data Plots Requested by Corps

Dear Mr. Haberman:

Per your request for environmental services, I am submitting this letter to summarize additional data gathered based on an email request from William Schrader (US Army Corps of Engineers) to complete 16 additional Wetland Data Plots. Mr. Schrader submitted to me (via email) locations these additional plots as .kmz files.

I inputted the .kmz files into ArcGIS, prepared a georeferenced field map, and completed the additional Data Plots at or very near those locations (Figure 1). Below is a summary of the three wetland parameters observed. The complete Data Plots Forms and Photographs at each Data Plot are also attached. A summary table of the Data Plots and the three wetland parameters is shown in Table 1.

Vegetation:

The vegetation ranges from non-hydrophytic (< 50% of dominant plant species as being listed as FAC or wetter) to hydrophytic (> 50% dominance by hydrophytes). The Prevalence Index in the 16 plots was not below 3.0 in any of the plots (thus only the Dominance test was met). Vegetation often consisted of cottonwood (FAC) over red fescue (FAC), with hydrophytes such as alder (FACW) and dogwood (FACW) in low cover amounts (which were often rooted at the base of the oxbow banks, and overhanging the plot). Considerable tansy, knapweed, goldenrod, and/or orchardgrass were often present in the groundlayer. Some plots were under one large tree (cedar, Douglas fir, or ornamental maple).

Soils:

Soils showed a shallow (2" - 4") layer of 10YR 3/2 or 3/3 silt loam. The next horizon was rounded cobbles in a loamy matrix (generally 10YR 3/3). Essentially all plots had the same profile of soil. No hydric indicators were observed.

Hydrology:

No evidence of hydrology was found in any of the plots. Most of the plots were located on higher benches or along a "peninsula" above oxbows or the lake. The elevation of the plots above the oxbow or lake areas was often 6'+. The plots adjacent the North Branch of Trestle Creek were about 3' above the "OHWM" of the creek.

Conclusion:

None of the 16 additional Data Plots were considered wetland. Although some showed >50% dominance of hydrophytes, these were, for the most part, FAC species (largely cottonwood and red fescue). Soils did not show any evidence hydric conditions, and were mostly low value and high chroma cobbly loams. No evidence of ponding or other hydrologic indicators were observed.

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Table 1: Summary of Data Plots

Data Plot	Vegetation ¹ (% hydrophytes)	Soils ²	Hydrology ³	Wetland ?
DPS1	cottonwood, tansy, red fescue, snowberry, thimbleberry (40%)	4" 10YR 3/2 silo 12" 10YR 3/3 gr lo	absent	no
DPS2	Douglas fir, orchardgrass, knapweed, snowberry (0%)	u	n	no
DPS3	red fescue, cottonwood, snowberry, grandfir, larch (40%)	11	ıı	no
DPS4	quackgrass, cottonwood, serviceberry (75%)	"	m m	no
DPS5	grandfir, red fescue, sweet pea (33%)		Ų.	no
DPS6	snowberry, goldenrod, hawthorn (33%)	300	u	no
DPS7	snowberry, red fescue. trailing blackberry, tansy, alder (40%)	и	и	no
DPS8	tansy. alder, cottonwood, grandfir (50%)	H	70	no
DPS9	red fescue, ornamental maple, Douglas fir, grandfir (25%)	H.	On-	no
DP S 10	goldenrod, red fescue, snowberry, cedar, grandfir (40%)	н	enter:	no
DP S 11	red fescue, Douglas fir, ornamental maple, Oregon grape (40%)	n	(AII):	no
DP S 12	red fescue, cedar, thimbleberry (67%)	300		no
DP S 13	tansy, cottonwood, rose, dogwood (50%)	9.		no
DP S 14	cottonwood, bentgrass, snowberry, dogwood, serviceberry (67%	u	<u> </u>	no
DP S 15	tansy, snowberry, alder (33%)	ar:	31	no
DP S 16	tansy, red fescue, cottonwood, serviceberry (60%)	0	**	no

¹ dominants only (in order of decreasing cover); hydrophytes = FAC or wetter

Thank you for requesting my services. Let me know if you have any questions or need additional information.

Sincerely,

Tom Duebendorfer, MA, PWS (Emeritus)

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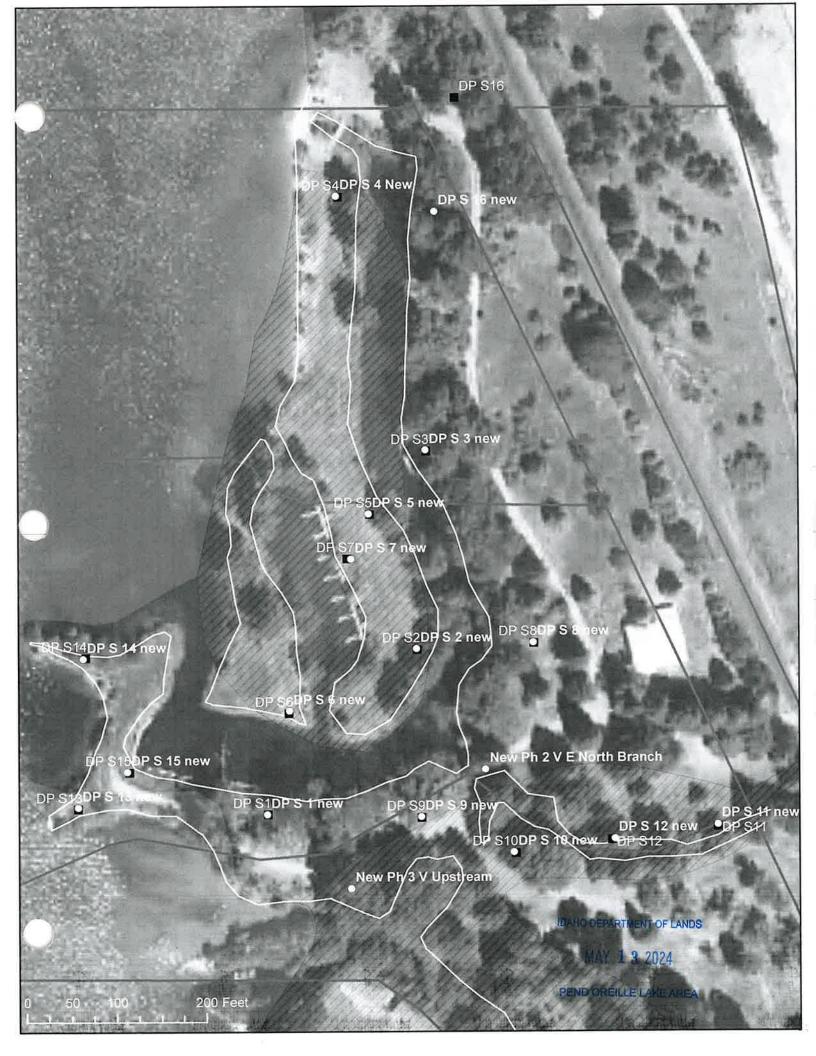
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encls: Figure 1: Requested Additional Data Plots and Actual Data Plot Locations

 $^{^{2}}$ soils were all essentially the same (occasionally the upper layer was 2-3")

³ no hydrologic indicators as in evidence of ponding or redox in the soil



WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Project/Site: The Idaho Club NEW (RP03174000020A) - Trestle Creek City/County: Bonner Sampling Date: 27-Oct-22 Applicant/Owner: The Idaho Club State: ID Sampling Point: DPS1 Investigator(s): Tom Duebendorfer, PWS Section, Township, Range: S 16 T 57N **R** 1E Landform (hillslope, terrace, etc.): Lowland Local relief (concave, convex, none): concave 0.0%/ Slope: Subregion (LRR): LRR E Lat.: 48.282977 Long.: -116.353182 Datum: WGS 84 Soil Map Unit Name: Bonner silt loam NWI classification: none Are climatic/hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.) Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No O Are Vegetation , Soil , or Hydrology aturally problematic? (If needed, explain any answers in Remarks.) Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc. Yes O **Hydrophytic Vegetation Present?** No 💿 Is the Sampled Area **Hydric Soil Present?** Yes O No 💿 Yes O No 💿 within a Wetland? Yes O No 💿 Wetland Hydrology Present? Remarks: None of required parameters met. Plot is not in a wetland. Located on bench above oxbow. Photo DP S 1. **VEGETATION** - Use scientific names of plants. Dominant Species? **Absolute** Rel.Strat. Indicator Dominance Test worksheet: Tree Stratum (Plot size: 30' % Cover Cover Status Number of Dominant Species Populus balsamifera 45 ✓ 100.0% FAC That are OBL, FACW, or FAC: (A) 0 0.0% Total Number of Dominant 0 0.0% 5 Species Across All Strata: (B) 0 0.0% Percent of dominant Species 45 = Total Cover 40.0% Sapling/Shrub Stratum (Plot size: 20' That Are OBL, FACW, or FAC: (A/B) 1. Symphoricarpos albus 10 ✓ 35.7% FACU Prevalence Index worksheet: 2. Rubus parviflorus 10 35.7% FACU Total % Cover of: Multiply by: Cornus alba 5 17.9% FACW OBL species x1 =4. Populus balsamifera 3 10.7% FAC FACW species 10 0 0.0% 264 FAC species 28 65 = Total Cover 260 FACU species Herb Stratum (Plot size: 0.1 ac 20 100 **UPL** species 1. Tanacetum vulgare 40 **✓** 38.1% FACU 178 Column Totals: 634 (B) 2 Festuca rubra 30 28.6% FAC 3 Poa pratensis 10 9.5% 3.562 FAC Prevalence Index = B/A =4 Centaurea maculosa 10 9.5% UPL **Hydrophytic Vegetation Indicators:** 5 Bromus inermis 10 9.5% 1 - Rapid Test for Hydrologic Vegetation 6 Dactylis glomerata 5 4.8% FACU 2 - Dominance Test is > 50% 0 0.0% 3 - Prevalence Index is ≤3.0 ¹ 0 0.0% 4 - Morphological Adaptations 1 (Provide supporting 0 0.0% data in Remarks or on a separate sheet) 0 0.0% 10. 5 - Wetland Non-Vascular Plants 1 11. Problematic Hydrophytic Vegetation (Explain) 105 = Total Cover

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

O

0

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0.0%

0.0%

Woody Vine Stratum (Plot size:

% Bare Ground in Herb Stratum: 0

Vegetation is not hydrophytic - neither test met
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¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Yes O No 💿

Hydrophytic

Vegetation

Present?

Depth	Matrix	,	Redox Features	Tandana	Domenico
	r (moist)	<u>%</u>	Color (moist) % Type 1 Loc2	Texture	Remarks
0-4 10YR		100%		Silt Loam	
4-16 10YR	3/3	100%		cobbly loam	
				741	
ype: C=Concentration	n. D=Depletio	n. RM=Reduc	ed Matrix, CS=Covered or Coated Sand Grains ² Loca	ation: PL=Pore Lining. M=Ma	atrix
ydric Soil Indicato	s: (Applica	ble to all LR	Rs, unless otherwise noted.)	Indicators for Problem	natic Hydric Soils ³ :
Histosol (A1)			Sandy Redox (S5)	2 cm Muck (A10)	
Histic Epipedon (A	2)		Stripped Matrix (S6)	Red Parent Material	(TF2)
Black Histic (A3)			Loamy Mucky Mineral (F1) (except in MLRA 1)	Other (Explain in Re	emarks)
] Hydrogen Sulfide (A4)		Loamy Gleyed Matrix (F2)		
Depleted Below Da	rk Surface (A	11)	Depleted Matrix (F3)		
Thick Dark Surface	(A12)		Redox Dark Surface (F6)	³ Indicators of hydrophytic	vegetation and
Sandy Muck Miner	al (S1)		Depleted Dark Surface (F7)	wetland hydrology mu	st be present,
Sandy Gleyed Mate			Redox depressions (F8)	unless disturbed or pro	blematic.
strictive Layer (if					
Type:					
Depth (inches):				Hydric Soil Present?	Yes O No 💿
nydric indicators					
/drology etland Hydrology					
rdrology etland Hydrology imary Indicators (minimum of	one require	d; check all that apply)		A HAVE THE PARTY OF THE PARTY O
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drology Itland Hydrology I mary Indicators (minimum of)	one require	Water-Stained Leaves (B9) (except MLRA	☐ Water-Stained	Leaves (B9) (MLRA 1, 2,
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etland Hydrology imary Indicators (Surface Water (A: High Water Table Saturation (A3) Water Marks (B1) Sediment Deposits Drift deposits (B3) Algal Mat or Crust Iron Deposits (B5) Surface Soil Crack Inundation Visible Sparsely Vegetate eld Observations: rface Water Present ater Table Present? turation Present?	minimum of) (A2) (B2) (B4)) s (B6) on Aerial Imade Concave Surves Yes e) Yes	agery (B7) Irface (B8) No (No (No (No (Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Depth (inches): Depth (inches):	Water-Stained 4A, and 4B) Drainage Patte Dry Season Wi Saturation Visi Geomorphic Po Shallow Aquita FAC-neutral Te Raised Ant Mo Frost Heave He	Leaves (B9) (MLRA 1, 2, erns (B10) ater Table (C2) ble on Aerial Imagery (C9) osition (D2) ord (D3) est (D5) unds (D6) (LRR A) ummocks (D7)
etland Hydrology imary Indicators (Surface Water (A: High Water Table Saturation (A3) Water Marks (B1) Sediment Deposits Drift deposits (B3 Algal Mat or Crust Iron Deposits (B5 Surface Soil Crack Inundation Visible Sparsely Vegetate eld Observations: urface Water Present ater Table Present?	minimum of) (A2) (B2) (B4)) s (B6) on Aerial Imade Concave Surves Yes e) Yes	agery (B7) Irface (B8) No (No (No (No (Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Depth (inches): Depth (inches): Wetla	Water-Stained 4A, and 4B) Drainage Patte Dry Season Wi Saturation Visi Geomorphic Po Shallow Aquita FAC-neutral Te Raised Ant Mo Frost Heave He	Leaves (B9) (MLRA 1, 2, erns (B10) ater Table (C2) ble on Aerial Imagery (C9) osition (D2) ord (D3) est (D5) unds (D6) (LRR A) ummocks (D7)

US Army Corps of Engineers

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

Project/Site: The Idaho Club NEW (RP	0317400002	OA) - Trestle Cr	eek	City/County:	3onner	Sampling Date: 27-Oct-22
Applicant/Owner: The Idaho Club						State: ID Sampling Point: DP S 2
Investigator(s): Tom Duebendorfer, F	PWS			Section, To	vnship, R	Range: S 16 T 57N R 1E
Landform (hillislope, terrace, etc.):	Lowland			Local relief (concave,	convex, none): concave Slope: 0.0 % / 0.
Subregion (LRR): LRR E			Lat.: 48	8.283480		Long.: -116.352489 Datum: WGS 84
ioil Map Unit Name: Bonner silt loar			_ =			NWI classification: PFO1C
re climatic/hydrologic conditions on	1677	oical for this t	ime of vea	r? Yes	No ○	
Are Vegetation 🔲 , Soil 🗌	, or Hydro			disturbed?		Normal Circumstances" present? Yes No
Are Vegetation, Soil	, or Hydro	_	aturally pro			
						eeded, explain any answers in Remarks.) Cations, transects, important features, etc
Hydrophytic Vegetation Present?	Yes O	No 💿				
Hydric Soil Present?	Yes 🔾	No 💿		1s the s	Sampled A	
Wetland Hydrology Present?	Yes 🔾	No 💿		within	a Wetland	_{id?} Yes ○ No •
Remarks:						
None of required parameters met.	Plot is not	in a wetland	. Located o	on bench abov	e oxbow.	Photo DP S 2.
VEGETATION - Use scien	tific nam	es of plant	s.	Dominant		
Tree Stratum (Plot size: 30')		Absolute % Cover		ndicator Status	The state of the s
1 Pseudotsuga menziesii			80	1 00.0%	FACU	Number of Dominant Species That are OBL, FACW, or FAC: 0 (A)
2,			0	0.0%		
3			0	0.0%		Total Number of Dominant Species Across All Strata: 4 (B)
4			0_	0.0%		
Sapling/Shrub Stratum (Plot size:	20')	80	= Total Cove	•	Percent of dominant Species That Are OBL, FACW, or FAC: 0.0% (A/B)
V				100.0%	FACU	Prevalence Index worksheet:
2			-	0.0%		Total % Cover of: Multiply by:
3				0.0%		OBL species 0 x 1 = 0
4,				0.0%		FACW species $0 \times 2 = 0$
5.			0	0.0%		FAC species $10 \times 3 = 30$
Herb Stratum (Plot size: 0.1 ac	\tilde{j}		5	= Total Cover		FACU species 115 x 4 = 460
1 Dactylis glomerata			30	✓ 41.7%	FACU	UPL species $\frac{32}{}$ x 5 = $\frac{160}{}$
2 Centaurea maculosa			25		UPL	Column Totals: <u>157</u> (A) <u>650</u> (B)
3_Festuca rubra			10		FAC	Prevalence Index = $B/A = 4.140$
4 Saponaria officinalis			5	6.9%	UPL	Hydrophytic Vogotation Tadientese
				\neg	UPL	Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrologic Vegetation
6				0.0%		2 - Dominance Test is > 50%
7				0.0%		3 - Prevalence Index is ≤3.0 ¹
8.————————————————————————————————————				0.0%		4 - Morphological Adaptations ¹ (Provide supporting
10-				0.0%		data in Remarks or on a separate sheet)
11			0	0.0%		☐ 5 - Wetland Non-Vascular Plants ¹
			72	= Total Cover		Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:						¹ Indicators of hydric soil and wetland hydrology must
1			0	0.0%		be present, unless disturbed or problematic.
2	-		0	0.0%		Hydrophytic Vegetation
			IDAHO DE	= Total Cover PARTMENT OF	LANDS	Present? Yes No No
% Bare Ground in Herb Stratum:	0		runna (15)	WENT OF	ביווחס	
Remarks:			MA'	Y 1 3 202	1	
Vegetation is not hydrophytic - neit	her test m	et		0 202	•	
			PEND OF	REILLE LAKE	ARFA	

^{*}Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

(inches) Color (inches) 0-4 10YR 4-16 10YR		Redox Features	Texture Remarks
		Color (moist) % Type 1 Loc2	Texture Remarks Silt Loam
4-16 10YR	3/2 100%		
	3/3 100%		cobbly loam
			4
		d Matrix, CS=Covered or Coated Sand Grains ² Loca s, unless otherwise noted.)	ation: PL=Pore Lining. M=Matrix Indicators for Problematic Hydric Soils ³ :
	(Applicable to all LKK		2 cm Muck (A10)
Histosol (A1)		Sandy Redox (S5) Stripped Matrix (S6)	
Histic Epipedon (A2)		Loamy Mucky Mineral (F1) (except in MLRA 1)	Red Parent Material (TF2)
Black Histic (A3)			Other (Explain in Remarks)
Hydrogen Sulfide (A4)		Loamy Gleyed Matrix (F2)	
Depleted Below Dark		Depleted Matrix (F3)	•
Thick Dark Surface (A	12)	Redox Dark Surface (F6)	³ Indicators of hydrophytic vegetation and
Sandy Muck Mineral (51)	Depleted Dark Surface (F7)	wetland hydrology must be present,
Sandy Gleyed Matrix (S4)	Redox depressions (F8)	unless disturbed or problematic.
trictive Layer (if pre			
Type:			Hydric Soil Present? Yes ○ No •
Depth (inches):			7, 11
drology			
tland Hydrology Ind	icators: imum of one required	check all that apply)	Secondary Indicators (minimum of two requir
Surface Water (A1)	illiani or one required	Water-Stained Leaves (B9) (except MLRA	Water-Stained Leaves (B9) (MLRA 1, 2,
High Water Table (A2)	1, 2, 4A, and 4B)	4A, and 4B)
		Salt Crust (B11)	☐ Drainage Patterns (B10)
Saturation (A3)		Aguatic Invertebrates (B13)	Dry Season Water Table (C2)
Saturation (A3) Water Marks (B1)			
Water Marks (B1)	2)	Hydrogen Sulfide Odor (C1)	Saturation Visible on Aerial Imagery (C9)
Water Marks (B1) Sediment Deposits (B	2)	Hydrogen Sulfide Odor (C1)	Saturation Visible on Aerial Imagery (C9)
Water Marks (B1) Sediment Deposits (B Drift deposits (B3)		Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3)	Geomorphic Position (D2)
Water Marks (B1) Sediment Deposits (B Drift deposits (B3) Algal Mat or Crust (B-		Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4)	Geomorphic Position (D2) Shallow Aquitard (D3)
Water Marks (B1) Sediment Deposits (B Drift deposits (B3) Algal Mat or Crust (B- Iron Deposits (B5)	+)	Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6)	Geomorphic Position (D2) Shallow Aquitard (D3) FAC-neutral Test (D5)
Water Marks (B1) Sediment Deposits (B Drift deposits (B3) Algal Mat or Crust (B-	+)	Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4)	Geomorphic Position (D2) Shallow Aquitard (D3)
Water Marks (B1) Sediment Deposits (B Drift deposits (B3) Algal Mat or Crust (B- Iron Deposits (B5)	1)	Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6)	Geomorphic Position (D2) Shallow Aquitard (D3) FAC-neutral Test (D5)
Water Marks (B1) Sediment Deposits (B Drift deposits (B3) Algal Mat or Crust (B- Iron Deposits (B5) Surface Soil Cracks (B	t) 86) Aerial Imagery (B7)	Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A)	Geomorphic Position (D2) Shallow Aquitard (D3) FAC-neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Water Marks (B1) Sediment Deposits (B Drift deposits (B3) Algal Mat or Crust (B- Iron Deposits (B5) Surface Soil Cracks (B Inundation Visible on Sparsely Vegetated C	4) 86) Aerial Imagery (B7) oncave Surface (B8)	Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A)	Geomorphic Position (D2) Shallow Aquitard (D3) FAC-neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Water Marks (B1) Sediment Deposits (B Drift deposits (B3) Algal Mat or Crust (B- Iron Deposits (B5) Surface Soil Cracks (E Inundation Visible on Sparsely Vegetated C	t) 86) Aerial Imagery (B7)	Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A)	Geomorphic Position (D2) Shallow Aquitard (D3) FAC-neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Water Marks (B1) Sediment Deposits (B Drift deposits (B3) Algal Mat or Crust (B- Iron Deposits (B5) Surface Soil Cracks (E Inundation Visible on Sparsely Vegetated C eld Observations: rface Water Present?	4) 86) Aerial Imagery (B7) oncave Surface (B8)	Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Depth (inches): Depth (inches):	Geomorphic Position (D2) Shallow Aquitard (D3) FAC-neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost Heave Hummocks (D7)
Water Marks (B1) Sediment Deposits (B Drift deposits (B3) Algal Mat or Crust (B- Iron Deposits (B5) Surface Soil Cracks (B Inundation Visible on	4) 86) Aerial Imagery (B7) oncave Surface (B8) Yes No	Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Depth (inches): Depth (inches):	Geomorphic Position (D2) Shallow Aquitard (D3) FAC-neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Water Marks (B1) Sediment Deposits (B Drift deposits (B3) Algal Mat or Crust (B- Iron Deposits (B5) Surface Soil Cracks (B- Inundation Visible on Sparsely Vegetated C eld Observations: urface Water Present? ater Table Present? turation Present? uddes capillary fringe)	Yes No Yes No	Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Depth (inches): Depth (inches): Wetla	Geomorphic Position (D2) Shallow Aquitard (D3) FAC-neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost Heave Hummocks (D7) and Hydrology Present? Yes No
Water Marks (B1) Sediment Deposits (B Drift deposits (B3) Algal Mat or Crust (B- Iron Deposits (B5) Surface Soil Cracks (E Inundation Visible on Sparsely Vegetated C eld Observations: Inface Water Present? Auter Table Present? Indudes Capillary fringe) Secribe Recorded Data	Yes No Yes No	Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Depth (inches): Depth (inches): Wetla	Geomorphic Position (D2) Shallow Aquitard (D3) FAC-neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost Heave Hummocks (D7) and Hydrology Present? Yes No
Water Marks (B1) Sediment Deposits (B Drift deposits (B3) Algal Mat or Crust (B- Iron Deposits (B5) Surface Soil Cracks (B- Inundation Visible on Sparsely Vegetated C eld Observations: urface Water Present? atter Table Present? atteration Present? atteration Present? acturation Present?	Yes No Yes No (stream gauge, moni	Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Depth (inches): Depth (inches): Wetla	Geomorphic Position (D2) Shallow Aquitard (D3) FAC-neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost Heave Hummocks (D7) and Hydrology Present? Yes No

US Army Corps of Engineers

MAY 1wgstern 210 untains, Valleys, and Coast - Version 2.0

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

Project/Site: The Idaho Club NEW (RP	0317400001	OA) - Trestle Cr	eek	City/County:	Bonner	Sampling Date: 27-Oct-22
Applicant/Owner: The Idaho Club						State: ID Sampling Point: DP S 3
Investigator(s): Tom Duebendorfer, P	ws			Section, To	wnship, R	Range: S 16 T 57N R 1E
Landform (hillslope, terrace, etc.):	Lowland					, convex, none): concave Slope: 0.0 % /
Subregion (LRR): LRR E			Lat.: 49	3.284089	,	Long.: -116,352438 Datum: WGS 84
Soil Map Unit Name: Bonner silt loan				7.20 1007		
re climatic/hydrologic conditions on		riant for this t	·6	a Vee	o No €	NWI classification: none
Are Vegetation, Soil	, or Hydro		inne or year ignificantly			(11 iis) explain in Remarker)
			- ,			F
Are Vegetation	, or Hydro tach site		aturally pro Dwing sa			eeded, explain any answers in Remarks.) cations, transects, important features, et
Hydrophytic Vegetation Present?	Yes O	No 💿				
Hydric Soil Present?	Yes 🔾	No 💿		Is the	Sampled /	
Wetland Hydrology Present?	Yes 🔾	No 💿		within	a Wetland	nd? Yes ○ No
Remarks:						
None of required parameters met.	Plot is not	in a wetland	. Located o	n bench abov	ve oxbow.	. Photo DP S 3.
VEGETATION - Use scien	tific nam	es of plant	S.	Dominant		
Tree Stratum (Plot size: 30')		Absolute % Cover	_	Indicator Status	
1 Populus balsamifera			50_	100.0%	FAC	Number of Dominant Species That are OBL, FACW, or FAC: 2 (A)
2			0	0.0%		
3			0	0.0%		Total Number of Dominant Species Across All Strata: 5 (B)
4			_0_	0.0%		
Sapling/Shrub Stratum (Plot size:	20')	50	= Total Cove	er	Percent of dominant Species That Are OBL, FACW, or FAC: 40.0% (A/B)
1 Symphoricarpos albus			5	33.3%	FACU	Prevalence Index worksheet:
			5	33.3%	FACU	Total % Cover of: Multiply by:
			3	20.0%	FACU	OBL species 0 x 1 = 0
4. Pseudotsuga menziesii				13.3%_	FACU	FACW species $0 \times 2 = 0$
5			0	□_0.0%_		FAC species $\underline{145}$ x 3 = $\underline{435}$
Herb Stratum (Plot size: 0.1 ac	3		15	= Total Cove	er	FACU species x 4 =92
1 Festuca rubra			90	☑ 85.7%	FAC	UPL species $\frac{2}{x}$ x 5 = $\frac{10}{x}$
2 Agrostis stolonifera			5	4.8%	FAC	Column Totals: 170 (A) 537 (B)
3_Dactylis glomerata			3	2.9%	FACU	Prevalence Index = B/A = 3.159
4. Plantago lanceolata			3	2.9%	FACU	
5_Tragopogon dubius				1.9%	UPL	Hydrophytic Vegetation Indicators:
6_Festuca pratensis			2	1.9%	FACU	☐ 1 - Rapid Test for Hydrologic Vegetation☐ 2 - Dominance Test is > 50%
7				0.0%		3 - Prevalence Index is ≤3.0 ¹
8						
9.———				0.0%		4 - Morphological Adaptations 1 (Provide supporting data in Remarks or on a separate sheet)
10.————			0 0	0.0%		5 - Wetland Non-Vascular Plants 1
11,			105	= Total Cove	-	Problematic Hydrophytic Vegetation 1 (Explain)
Woody Vine Stratum (Plot size:)	100	. Julia Cove	•	¹ Indicators of hydric soil and wetland hydrology must
1			0	0.0%		be present, unless disturbed or problematic.
2			0	0.0%		Hydrophytic
			0	= Total Cove	г	Vegetation Present? Yes No
% Bare Ground in Herb Stratum:	0	EDAL				
Remarks:		IDAH	U DEPARTA	MENT OF LAN	98	
Vegetation is not hydrophytic - neit	her test m	et	MAY 1	3 2024		

^{*}Indicator suffix = National status or professional decisional decisional because Regional status not defined by FWS.

Depth	Color (mois		_%	Redox Features Color (moist) % Type Loc²	Texture	Remarks
(inches)				Color (moist) % Type Loc-	Silt Loam	Remarks
0-4			00%			
4-16	10YR 3	3/3 1	00%		cobbly loam	
	11.17/2					
vpe: C=Conce	ntration D=De	enletion R	M=Reduced	Matrix, CS=Covered or Coated Sand Grains ² Loca	ation: PL=Pore Lining. M=	Matrix
				, unless otherwise noted.)		ematic Hydric Soils ³ :
Histosol (A1				Sandy Redox (S5)	2 cm Muck (A10)	
Histic Epiped	•			Stripped Matrix (S6)	Red Parent Mater	al (TF2)
Black Histic	(A3)			Loamy Mucky Mineral (F1) (except in MLRA 1)	Other (Explain in	• •
Hydrogen Si	ulfide (A4)			Loamy Gleyed Matrix (F2)	_ ` ` ` ` `	•
	elow Dark Surfa	ace (A11)		Depleted Matrix (F3)		
- ·	Surface (A12)	, ,		Redox Dark Surface (F6)	³ Indicators of hydrophy	tic vegetation and
_	Mineral (S1)			Depleted Dark Surface (F7)	wetland hydrology m	
· '	ed Matrix (S4)			Redox depressions (F8)	unless disturbed or p	problematic.
	er (if presen	t):				
Туре:					14-4-1-6-11	Yes ○ No •
Depth (inche	:5):			_	Hydric Soil Present?	Yes O No 💿
vdrology.						
	ology Indicat	ors:				
etland Hydro			e required;	check all that apply)	Secondary Indic	ators (minimum of two requir
imary Indica Surface Wa	itors (minimu iter (A1)		e required;	check all that apply) Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)		ators (minimum of two required Leaves (B9) (MLRA 1, 2,
etland Hydro mary Indica	tors (minimu ter (A1) Table (A2)		e required;	Water-Stained Leaves (B9) (except MLRA	☐ Water-Staine	ed Leaves (B9) (MLRA 1, 2,
etland Hydro irnary Indica Surface Wa High Water	tors (minimu iter (A1) Table (A2) (A3)		e required;	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)	Water-Stains 4A, and 4B) Drainage Pa	ed Leaves (B9) (MLRA 1, 2,
etland Hydro irmary Indica Surface Wa High Water Saturation (tors (minimu ter (A1) Table (A2) (A3) ss (B1)		e required;	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11)	Water-Staine 4A, and 4B) Drainage Pai Dry Season	ed Leaves (B9) (MLRA 1, 2, tterns (B10)
etland Hydro irmary Indica Surface Wa High Water Saturation (Water Mark	otors (minimu oter (A1) Table (A2) (A3) (A3) Opposits (B2)		e required;	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1)	Water-Staine 4A, and 4B) Drainage Pai Dry Season Saturation V	ed Leaves (B9) (MLRA 1, 2, eterns (B10) Water Table (C2) isible on Aerial Imagery (C9)
etland Hydro imary Indica Surface Wa High Water Saturation (Water Mark Sediment D Drift deposi	otors (minimulater (A1) Table (A2) (A3) (A3) (A5) (A9) (A9) (A9) (A9) (A9) (A9) (A9) (A9		e required;	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3)	Water-Staine 4A, and 4B) Drainage Pai Dry Season Saturation V Geomorphic	ed Leaves (B9) (MLRA 1, 2, etterns (B10) Water Table (C2) isible on Aerial Imagery (C9) Position (D2)
etland Hydro imary Indica Surface Wa High Water Saturation (Water Mark Sediment D Drift deposi Algal Mat o	otors (minimulators (minimulators (minimulators (A1) Table (A2) (A3) (A3) (A3) (A3) (A4) (A4) (A5) (A5) (A5) (A5) (A5) (A5) (A5) (A5		e required;	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4)	Water-Staine 4A, and 4B) Drainage Pai Dry Season Saturation V Geomorphic Shallow Aqu	ed Leaves (B9) (MLRA 1, 2, etterns (B10) Water Table (C2) isible on Aerial Imagery (C9) Position (D2) itard (D3)
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etland Hydro rimary Indica Surface Wa High Water Saturation (Water Mark Sediment D Drift deposi Algal Mat o	otors (minimulators (minimulators (minimulators (A1) Table (A2) (A3) (A3) (A3) (A3) (A4) (A4) (A5) (A5) (A5) (A5) (A5) (A5) (A5) (A5		e required;	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4)	Water-Staine 4A, and 4B) Drainage Pai Dry Season Saturation V Geomorphic Shallow Aqu FAC-neutral Raised Ant N	ed Leaves (B9) (MLRA 1, 2, etterns (B10) Water Table (C2) isible on Aerial Imagery (C9) Position (D2) itard (D3) Test (D5) founds (D6) (LRR A)
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etland Hydro imary Indica Surface Wa High Water Saturation (Water Mark Sediment D Drift deposi Algal Mat o Iron Deposi Surface Soi Inundation Sparsely Ve eld Observat rface Water Plater Table Pre- turation Prese indudes capillar iscribe Recor	itors (minimulators (minimulators (minimulators (Minimulators (Ma)) itable (A2) (A3) (A4) (A	ial Imagen ave Surface Yes O Yes O Yes O ream gal	y (B7) e (B8) No • No • No •	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Depth (inches): Depth (inches): Wetla	Water-Staine 4A, and 4B) Drainage Pai Dry Season I Saturation V Geomorphic Shallow Aqu FAC-neutral Raised Ant N Frost Heave	ted Leaves (B9) (MLRA 1, 2, cterns (B10) Water Table (C2) isible on Aerial Imagery (C9) Position (D2) itard (D3) Test (D5) flounds (D6) (LRR A) Hummocks (D7)

US Army Corps of Engineers

IDAHO DEPARTMENT OF LANDS

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

Project/Site: The Idaho Club NEW (RP	0317400001	OA) - Trestle Cr	eek	City/County:	Bonner		Sampling I	, Date: 27-0	ct-22
Applicant/Owner: The Idaho Club						State: ID		ng Point:	DP S 4
Investigator(s): Tom Duebendorfer, F	PWS			Section, T	ownship, R			₹ 1E	
Landform (hillslope, terrace, etc.):	Lowland					convex, none): concave			— D.C % / (
Subregion (LRR): LRR E			Lat.: 48	3.284870	,	Long.: -116,352831		-	
Soil Map Unit Name: Bonner silt loar				3.20 1070					1: 4403 04
re climatic/hydrologic conditions on		niani far thia t		2 Va	s No		ification: PF		
Are Vegetation, Soil	or Hydro ,					(=: no, explain ii	-	_	
				disturbed?		lormal Circumstances"		Yes	No O
Are Vegetation \sqcup , Soil \sqcup Summary of Findings - At	or Hydro, tach site		aturally pro Swing sa			eded, explain any answ			tures, et
Hydrophytic Vegetation Present?	Yes	No O					, import		
Hydric Soil Present?	Yes 🔾	No 💿		15 the	Sampled A	Area Az Yes O No 💿			
Wetland Hydrology Present?	Yes 🔾	No 💿		withi	n a Wetlan	d? Yes ∪ No ♥			
Remarks:									
Vegetation is hydrophytic (FAC-do not in a wetland. Located on bend	minated). ch above ox	Hydric soils no bow. Photo [ot observed DP S 4.	. No hydrolo	ogic indicat	ors. Plot is several feet	: higher than	n adjacent	oxbow and
VEGETATION - Use scien	itific nam	es of plant	S.	Dominant					
Tree Stratum (Plot size: 30')		Absolute % Cover	_Species? Rel.Strat. Cover	Indicator Status	Dominance Test work			
1 Populus balsamifera			35	1 00.0%	FAC	Number of Dominant Sp That are OBL, FACW, or	ecies FAC:	3	(A)
2,			0	0.0%					_ (//
3				0.0%		Total Number of Domini Species Across All Strata		4	(B)
4			0	0.0%					- (5)
Sapling/Shrub Stratum (Plot size:	20')	35	= Total Cov	er	Percent of dominant That Are OBL, FACW,		75.0%	6 (A/B)
1 Populus balsamifera			10	✓ 55.6%	FAC	Prevalence Index wor	ksheet:		
			5	27.8%	FACU	Total % Cover of	of: Mu	Itiply by:	
3. Symphoricarpos albus			3	16.7%	FACU	OBL species	0 x 1	L =()
4				0.0%		FACW species	0 x 2	2 =)
5				0.0%		FAC species	105 x 3	31	15
Herb Stratum (Plot size: 0.1 ac	3.		18	= Total Cov	er	FACU species	31 x 4	1 =12	24
1 Elymus repens			50	✓ 58.8%	FAC	UPL species	x 5	5 =	0
2 Poa pratensis			10	11.8%	FAC	Column Totals:	138 (A)	44	1 9 (в)
3 Plantago lanceolata			10	11.8%	FACU	Prevalence Index	c = B/A =	3.254	
4. Festuca pratensis			10	11.8%	FACU				_
5_Achillea millefolium			3	3.5%	FACU	Hydrophytic Vegetatio			
6_Centaurea maculosa			2	2.4%	UPL	1 - Rapid Test for		Vegetation	
7			0	0.0%		2 - Dominance Tes			
8.———						3 - Prevalence Ind			
9				0.0%		4 - Morphological / data in Remark	Adaptations s or on a se	i ⁺ (Provide parate she	supporting et)
10.————			0	0.0%	S	5 - Wetland Non-V		-	,
11,			85			Problematic Hydro			rnlain)
Woody Vine Stratum (Plot size:		ã		- IOLAI COVE	=1	¹ Indicators of hydric		-	
1,			0	0.0%		be present, unless dis	iturbed or p	roblematic	
2.			0	0.0%		Hydrophytic			
			0	= Total Cove	-	Vegetation	● No ○)	
% Bare Ground in Herb Stratum:	n		·	. Juli COVE		Present? Yes) NO U		
Remarks:			In	AUO DEDA	TA APPA IN TA	LANDO			
Vegetation is hydrophytic - domina	nce tect	et (proveles =		AHO DEPAR	IMENI OF	LANDS			
occoon is nydrophydd - dolllila	nee test III	er (brevalerici	C IIIUEX 15 2	•	3 2024	ļ			

^{*}Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Depth		Matrix		Redox Features	C	Domestra
(inches)	Color (n		%	Color (moist) % Type ¹ Loc ²	Texture	Remarks
0-4	10YR	3/2	100%		Silt Loam	
4-16	10YR	3/3	100%		cobbly loam	
		-			-	
					W. Comments	
					?!!===================================	
Гуре: C=Con	centration. D	=Depletio	n. RM=Reduc	red Matrix, CS=Covered or Coated Sand Grains 2Loc	ation: PL=Pore Lining. M	=Matrix
lydric Soil 1	Indicators:	(Applical	ole to all LR	Rs, unless otherwise noted.)	Indicators for Prob	olematic Hydric Soils ³ :
Histosol (A1)			Sandy Redox (S5)	2 cm Muck (A10))
Histic Epi	pedon (A2)			Stripped Matrix (S6)	Red Parent Mate	erial (TF2)
Black Hist	. ,			Loamy Mucky Mineral (F1) (except in MLRA 1)	Uther (Explain in	n Remarks)
Hydroger	Sulfide (A4)			Loamy Gleyed Matrix (F2)		
Depleted	Below Dark S	Surface (A	11)	Depleted Matrix (F3)		
Thick Dar	k Surface (A1	12)		Redox Dark Surface (F6)	³ Indicators of hydroph	
Sandy Mu	uck Mineral (S	51)		Depleted Dark Surface (F7)	wetland hydrology	
☐ Sandy Gle	eyed Matrix (S	54)		Redox depressions (F8)	unless disturbed or	problematic.
estrictive L	ayer (if pre	sent):				
Type:	1 8				Hydric Soil Present?	Yes O No 💿
Depth (inc temarks:	thes):				<u> </u>	
ydrolog						
	drology Indi		one require	d; check all that apply)	Secondary Ind	licators (minimum of two required
	Water (A1)	illiani oi	one require	Water-Stained Leaves (B9) (except MLRA		ned Leaves (B9) (MLRA 1, 2,
=	ter Table (A2))		1, 2, 4A, and 4B)	4A, and 4E	
Saturation	on (A3)			Salt Crust (B11)		atterns (B10)
Water Ma	arks (B1)			Aquatic Invertebrates (B13)	☐ Dry Seasor	n Water Table (C2)
Sedimen	t Deposits (B	2)		Hydrogen Sulfide Odor (C1)	Saturation	Visible on Aerial Imagery (C9)
Drift dep	osits (B3)			Oxidized Rhizospheres on Living Roots (C3)	☐ Geomorph	ic Position (D2)
Algal Ma	t or Crust (B4	·)		Presence of Reduced Iron (C4)	☐ Shallow Ac	quitard (D3)
	oosits (B5)			Recent Iron Reduction in Tilled Soils (C6)		al Test (D5)
_	Soil Cracks (B	6)		Stunted or Stressed Plants (D1) (LRR A)		: Mounds (D6) (LRR A)
_			.con. (P7)			
_	on Visible on Vegetated Co			Other (Explain in Remarks)	FIOSE Heav	e Hummocks (D7)
			(20)			
ield Observ Jurface Water		Yes	O No @	Depth (inches):		
Vater Table F		Yes		·		
Saturation Pre		Yes		Wetl	and Hydrology Present	? Yes O No 💿
includes capi					f available.	
Jescride Red	corded Data	(stream	yauge, moi	nitor well, aerial photos, previous inspections), i	i avallable:	
emarks:						
lo hydrolog	ic indicators	- plot lo	cated about	6' higher than adjacent oxbow. No evidence o	f ponding.	
				IDAHO DEPARTMENT	OF LANDS	

US Army Corps of Engineers

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

Project/Site: The Idaho Club NEW (RP03174000020A) - Trest	le Creek	City/County	: Bonner	Sampling Date: 27-Oct-22
Applicant/Owner: The Idaho Club			<i>5</i> 1	State: ID Sampling Point: DP S 5
Investigator(s): Tom Duebendorfer, PWS		Section, T	ownship, R	Range: S 16 T 57N R 1E
Landform (hillslope, terrace, etc.): Lowland				convex, none): concave Slope: 0.0 % / 0.0
Subregion (LRR): LRR E	Lat.: 48	3.283895		Long.: -116,352701 Datum: WGS 84
Soil Map Unit Name: Bonner silt loam		31200033		NWI classification: PFO1C
Are climatic/hydrologic conditions on the site typical for t	his time of year	-2 Ye	s • No	
Are Vegetation , Soil , or Hydrology	•		_	Normal Circumstances" present? Yes No
Are Vegetation . , Soil . , or Hydrology .				·
				eded, explain any answers in Remarks.) Cations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No No				
Hydric Soil Present? Yes No		Is the	e Sampled A	
Wetland Hydrology Present? Yes O No •		withi	n a Wetland	_{d?} Yes O No 🏵
Remarks:				
None of required parameters met. Plot is not in a wetl	and. Located o	n bench abo	ve oxbow.	Photo DP S 5.
VEGETATION - Use scientific names of pl	ants.	Dominant		
		_Species? Rel.Strat.	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30'	% Cover		Status	Number of Dominant Species
1 Abies grandis	90	100.0%	FACU	That are OBL, FACW, or FAC: 1 (A)
2		0.0%		Total Number of Dominant
3		0.0%		Species Across All Strata: 3 (B)
4		0.0%		Percent of dominant Species
Sapling/Shrub Stratum (Plot size: 20'	90	= Total Cov	er	That Are OBL, FACW, or FAC: 33.3% (A/B)
1 Rubus ursinus	3	100.0%	FACU	Prevalence Index worksheet:
2		0.0%		Total % Cover of: Multiply by:
3		0.0%		OBL species $0 \times 1 = 0$
4		0.0%		FACW species $0 \times 2 = 0$
5	0	0.0%		FAC species $70 \times 3 = 210$
740	3	= Total Cov	er	FACU species $\frac{103}{103}$ x 4 = $\frac{412}{100}$
Herb Stratum (Plot size: 0.1 ac)				UPL species $\frac{35}{2}$ x 5 = $\frac{175}{2}$
1 Festuca rubra		60.9%	FAC	Column Totals: 208 (A) 797 (B)
2_Lathyrus laetiflorus	30	26.1%	UPL	
3 Dactylis glomerata 4 Centaurea maculosa		8.7%	FACU UPL	Prevalence Index = B/A = 3.832
5		0.0%	UPL	Hydrophytic Vegetation Indicators:
6		0.0%		1 - Rapid Test for Hydrologic Vegetation
7		0.0%		2 - Dominance Test is > 50%
8	_	0.0%		3 - Prevalence Index is ≤3.0 1
9,	0	0.0%		4 - Morphological Adaptations 1 (Provide supporting
10		0.0%		data in Remarks or on a separate sheet)
11		0.0%		5 - Wetland Non-Vascular Plants 1
	115	= Total Cov	er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)				Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1		0.0%		
2		0.0%		Hydrophytic Vegetation
N/ Page Grand in Harb St. 1		= Total Cov		Present? Yes ○ No ●
% Bare Ground in Herb Stratum: 0	IDAH	O DEPARTM	MENT OF LA	NDS
Remarks: Vegetation is not hydrophytic - neither test met		MAY 1		OUNI.

^{*}Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Depen	Matrix		Redox Features olor (moist) % Type 1 Loc2	Texture	Remarks
(inches) Color (m			olor (moist) % Type¹ Loc²	Silt Loam	Kellialks
0-4 10YR		00%			
4-16 10YR	3/3 10	00%		cobbly loam	
					
pe: C=Concentration. D=	Depletion. R	M=Reduced I	Matrix, CS=Covered or Coated Sand Grains ² Loc	ation: PL=Pore Lining, M=M	atrix
dric Soil Indicators: (Applicable t	o all LRRs,	unless otherwise noted.)	Indicators for Proble	natic Hydric Soils ³ :
Histosol (A1)		[Sandy Redox (S5)	2 cm Muck (A10)	
Histic Epipedon (A2)		[Stripped Matrix (S6)	Red Parent Materia	(TF2)
Black Histic (A3)		Į	Loamy Mucky Mineral (F1) (except in MLRA 1)	Other (Explain in R	emarks)
Hydrogen Sulfide (A4)		Į	Loamy Gleyed Matrix (F2)		
Depleted Below Dark S	urface (A11)	Į	Depleted Matrix (F3)		
Thick Dark Surface (A1	2)	Į	Redox Dark Surface (F6)	3 Indicators of hydrophytic	vegetation and
Sandy Muck Mineral (S	-	[Depleted Dark Surface (F7)	wetland hydrology mu	
Sandy Gleyed Matrix (S	-	[Redox depressions (F8)	unless disturbed or pr	oblematic.
strictive Layer (if pres					
Type:	ent).				
Depth (inches):				Hydric Soil Present?	Yes O No 💿
drology					
tland Hydrology Indic					
tland Hydrology Indic		required; o			
tland Hydrology Indio mary Indicators (mini Surface Water (A1)	mum of one	required; o	check all that apply) Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)		tors (minimum of two requin Leaves (B9) (MLRA 1, 2,
etland Hydrology Indic mary Indicators (mini Surface Water (A1) High Water Table (A2)	mum of one	required; o	☐ Water-Stained Leaves (B9) (except MLRA	☐ Water-Stained	
etland Hydrology Indic mary Indicators (mini Surface Water (A1) High Water Table (A2) Saturation (A3)	mum of one	required; o	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11)	Water-Stained 4A, and 4B) Drainage Patt	Leaves (B9) (MLRA 1, 2, erns (B10)
tland Hydrology Indic mary Indicators (mini Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)	mum of one	required; o	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13)	Water-Stained 4A, and 4B) Drainage Patt Dry Season W	Leaves (B9) (MLRA 1, 2, erns (B10) ater Table (C2)
tland Hydrology Indic mary Indicators (mini Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2	mum of one	required; o	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1)	Water-Stained 4A, and 4B) Drainage Patt Dry Season W Saturation Vis	Leaves (B9) (MLRA 1, 2, erns (B10) ater Table (C2) ible on Aerial Imagery (C9)
tland Hydrology Indic mary Indicators (mini Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift deposits (B3)	mum of one	required; o	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3)	Water-Stained 4A, and 4B) Drainage Patt Dry Season W Saturation Vis Geomorphic P	Leaves (B9) (MLRA 1, 2, erns (B10) later Table (C2) lible on Aerial Imagery (C9) osition (D2)
stland Hydrology Indic mary Indicators (mini Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift deposits (B3) Algal Mat or Crust (B4)	mum of one	required; o	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4)	Water-Stained 4A, and 4B) Drainage Patt Dry Season W Saturation Vis Geomorphic P Shallow Aquit	erns (B10) later Table (C2) lible on Aerial Imagery (C9) losition (D2) lard (D3)
stland Hydrology Indic mary Indicators (mini 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)	mum of one	required; o	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6)	Water-Stained 4A, and 4B) Drainage Patt Dry Season W Saturation Vis Geomorphic P Shallow Aquit FAC-neutral T	l Leaves (B9) (MLRA 1, 2, erns (B10) ater Table (C2) ible on Aerial Imagery (C9) osition (D2) ard (D3) est (D5)
stland Hydrology Indic mary Indicators (mini Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift deposits (B3) Algal Mat or Crust (B4)	mum of one	required; o	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4)	Water-Stained 4A, and 4B) Drainage Patt Dry Season W Saturation Vis Geomorphic P Shallow Aquit FAC-neutral T	l Leaves (B9) (MLRA 1, 2, erns (B10) later Table (C2) lible on Aerial Imagery (C9) osition (D2) ard (D3)
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stland Hydrology Indic mary Indicators (mini 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)	mum of one 2) 3) Aerial Imagery	ı (B7)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A)	Water-Stained 4A, and 4B) Drainage Patt Dry Season W Saturation Vis Geomorphic P Shallow Aquit FAC-neutral T Raised Ant Mo	erns (B10) ater Table (C2) ible on Aerial Imagery (C9) osition (D2) ard (D3) est (D5) ounds (D6) (LRR A)
tiland Hydrology Indic mary Indicators (mini 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) Inundation Visible on A	mum of one 2) 3) Aerial Imagery ncave Surface	/ (B7) e (B8)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks)	Water-Stained 4A, and 4B) Drainage Patt Dry Season W Saturation Vis Geomorphic P Shallow Aquit FAC-neutral T Raised Ant Mo	erns (B10) ater Table (C2) ible on Aerial Imagery (C9) osition (D2) ard (D3) est (D5) ounds (D6) (LRR A)
stland Hydrology Indic mary Indicators (mini 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) Inundation Visible on A Sparsely Vegetated Co	mum of one 2) 3) Aerial Imagery ncave Surface Yes	/ (B7) e (B8) No 	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks)	Water-Stained 4A, and 4B) Drainage Patt Dry Season W Saturation Vis Geomorphic P Shallow Aquit FAC-neutral T Raised Ant Mo	erns (B10) ater Table (C2) ible on Aerial Imagery (C9) osition (D2) ard (D3) est (D5) ounds (D6) (LRR A)
etland Hydrology Indic mary Indicators (mini 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) Inundation Visible on A Sparsely Vegetated Co	mum of one 2) 6) Aerial Imagery Incave Surface Yes Yes	((B7) e (B8) No •	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Depth (inches):	Water-Stained 4A, and 4B) Drainage Patt Dry Season W Saturation Vis Geomorphic P Shallow Aquit FAC-neutral T Raised Ant Mo	erns (B10) ater Table (C2) ible on Aerial Imagery (C9) osition (D2) ard (D3) est (D5) ounds (D6) (LRR A)
etland Hydrology Indic mary Indicators (mini 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) Inundation Visible on A Sparsely Vegetated Co	mum of one 2) Aerial Imagery ncave Surface Yes Yes Yes Yes Yes Yes Yes Ye	((B7) e (B8) No No No No No No No No	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Depth (inches): Depth (inches): Wetl	Water-Stained 4A, and 4B) Drainage Patt Dry Season W Saturation Vis Geomorphic P Shallow Aquit FAC-neutral T Raised Ant Mo Frost Heave H	l Leaves (B9) (MLRA 1, 2, erns (B10) ater Table (C2) ible on Aerial Imagery (C9) osition (D2) ard (D3) est (D5) ounds (D6) (LRR A) iummocks (D7)
taland Hydrology Indic mary Indicators (mini 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) Inundation Visible on A Sparsely Vegetated Co	mum of one 2) Aerial Imagery ncave Surface Yes Yes Yes Yes Yes Yes Yes Ye	((B7) e (B8) No No No No No No No No	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Depth (inches): Depth (inches):	Water-Stained 4A, and 4B) Drainage Patt Dry Season W Saturation Vis Geomorphic P Shallow Aquit FAC-neutral T Raised Ant Mo Frost Heave H	l Leaves (B9) (MLRA 1, 2, erns (B10) ater Table (C2) ible on Aerial Imagery (C9) osition (D2) ard (D3) est (D5) ounds (D6) (LRR A) iummocks (D7)
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) Inundation Visible on A Sparsely Vegetated Co eld Observations: rface Water Present? ater Table Present? turation Present? includes capillary fringe)	mum of one 2) Aerial Imagery ncave Surface Yes Yes Yes Yes Yes Yes Yes Ye	((B7) e (B8) No No No No No No No No	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Depth (inches): Depth (inches): Wetl	Water-Stained 4A, and 4B) Drainage Patt Dry Season W Saturation Vis Geomorphic P Shallow Aquit FAC-neutral T Raised Ant Mo Frost Heave H	erns (B10) ater Table (C2) ible on Aerial Imagery (C9) osition (D2) ard (D3) est (D5) ounds (D6) (LRR A) iummocks (D7)

MAY **1 3** 2024

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Project/Site: The Idaho Club NEW (RP03174000020A) - Trestle Creek City/County: Bonner Sampling Date: 27-Oct-22 Applicant/Owner: The Idaho Club State: ID Sampling Point: Investigator(s): Tom Duebendorfer, PWS Section, Township, Range: S 16 **T** 57N **R** 1E Landform (hillslope, terrace, etc.): Lowland Local relief (concave, convex, none): concave Slone: 0.0%/ 0.0 9 Subregion (LRR): LRR E Lat.: 48.283294 Datum: WGS 84 Long.: -116.353074 Soil Map Unit Name: Bonner silt loam **NWI classification: PFO1C** Are climatic/hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.) Are Vegetation , Soil 🗌 , or Hydrology significantly disturbed? Yes 💿 Are "Normal Circumstances" present? , Soil , or Hydrology $\ \square$ naturally problematic? (If needed, explain any answers in Remarks.) Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc. **Hydrophytic Vegetation Present?** Yes O No 💿 Is the Sampled Area Yes 🔾 No 💿 **Hydric Soil Present?** Yes O No 💿 within a Wetland? Yes \bigcirc No 💿 Wetland Hydrology Present? Remarks: None of required parameters met. Plot is not in a wetland. Located on bench above oxbow. Photo DP S 6. **VEGETATION** - Use scientific names of plants. **Dominant** Species? Absolute Rel.Strat. Indicator Dominance Test worksheet: Tree Stratum (Plot size: 30' % Cover Cover **Status** Number of Dominant Species 1 0.0% That are OBL, FACW, or FAC: 1 (A) n 0.0% Total Number of Dominant 0 0.0% Species Across All Strata: 3 (B) 0 0.0% Percent of dominant Species 0 = Total Cover 33.3% (A/B) That Are OBL, FACW, or FAC: Sapling/Shrub Stratum (Plot size: 20' Symphoricarpos albus 35 ✓ 50.0% FACU Prevalence Index worksheet: Crataegus douglasii 15 21.4% FAC Total % Cover of: Multiply by: 3. Ulmus americana 10 14.3% FAC OBL species x 1 =4. Amelanchier alnifolia 5 7.1% FACU FACW species 10 5. Rubus ursinus 5 7.1% FACU 35 105 FAC species 70 89 = Total Cover 356 FACU species Herb Stratum (Plot size: 0.1 ac 7 35 UPL species Solidago canadensis **✓** 53.0% 35 FACU 136 506 (B) Column Totals: (A) Agrostis stolonifera 10 15.2% FAC 3 Centaurea maculosa Prevalence Index = B/A = 5 7.6% UPL 3.721 4 Hypericum perforatum 5 7.6% **FACU Hydrophytic Vegetation Indicators:** 5 Phalaris arundinacea 7.6% **FACW** 1 - Rapid Test for Hydrologic Vegetation 6 Saponaria officinalis 3.0% 2 - Dominance Test is > 50% 7 Achillea millefolium 2 3.0% **FACU** 8 Verbascum thapsus 3 - Prevalence Index is ≤3.0 ¹ 2 3.0% **FACU** 4 - Morphological Adaptations 1 (Provide supporting 0 0.0% data in Remarks or on a separate sheet) 0 0.0% 10 5 - Wetland Non-Vascular Plants 1 0 0.0%

TDAHO DEPARTMENT OF LANDS Vegetation is not hydrophytic - neither test met

MAY 1 3 2024

= Total Cover

0.0%

0.0%

= Total Cover

66

0

0

Remarks:

Woody Vine Stratum (Plot size:

% Bare Ground in Herb Stratum: ()

Problematic Hydrophytic Vegetation 1 (Explain)

Yes O No 💿

Vegetation

Present?

¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

^{*}Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

rmy Corps of Engineers Wester

Wester

Sampling	Point:	DP	S 6	
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Depth		trix	-p 11000	ed to document the indicator or confirm th Redox Features		
(inches)	Color (moi	st) %	6	color (moist) % Type Loc ²	Texture	Remarks
0-4	10YR	3/2 100	0%		Silt Loam	
4-16	10YR	3/3 100	0%		cobbly loam	7-11-2-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
						1
					-	
					_	
					U. Bi D Hales M	Makein
					ocation: PL=Pore Lining. M	
		pplicable to	all LRRs,	unless otherwise noted.)	2 cm Muck (A10	olematic Hydric Soils ³ :
Histosol (A1) pedon (A2)			Sandy Redox (S5) Stripped Matrix (S6)	Red Parent Mate	
Black His				Loamy Mucky Mineral (F1) (except in MLRA		•
	1 Sulfide (A4)			Loamy Gleyed Matrix (F2)	Other (Explain)	,
	Below Dark Sur	face (A11)		Depleted Matrix (F3)		
Thick Dar	rk Surface (A12)			Redox Dark Surface (F6)	³ Indicators of hydroph	
Sandy Mi	uck Mineral (S1)			Depleted Dark Surface (F7)	wetland hydrology unless disturbed or	
	eyed Matrix (S4)			Redox depressions (F8)	diffess distarbed of	problemate
	ayer (if preser	ıt):				
Type:	TOWN.				Hydric Soil Present?	Yes O No 💿
Depth (in	ches):					
Remarks:						
no hydric ind	licators					
Hydrolog	У					
	drology Indica					
Primary Ind	icators (minim	um of one	required;	check all that apply)		licators (minimum of two required)
_	Water (A1)			Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)	☐ Water-Stai 4A, and 4E	ned Leaves (B9) (MLRA 1, 2,
High Wa	iter Table (A2)					
Saturation	on (A3)			Salt Crust (B11)		Patterns (B10)
	larks (B1)			Aquatic Invertebrates (B13)	_ `	n Water Table (C2)
	nt Deposits (B2)			Hydrogen Sulfide Odor (C1)	_	Visible on Aerial Imagery (C9)
	posits (B3)			Oxidized Rhizospheres on Living Roots (C	_	ic Position (D2) quitard (D3)
	at or Crust (B4)			Presence of Reduced Iron (C4)		guitara (D3) al Test (D5)
	oosits (B5)			Recent Iron Reduction in Tilled Soils (C6)		: Mounds (D6) (LRR A)
_	Soil Cracks (B6) ion Visible on Ae	rial Imagen	(B7)	Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks)		e Hummocks (D7)
				Uther (Explain in Remarks)	Troscricav	e Hamillocia (D7)
Sparsely	Vegetated Cond	ave SuildCe	(00)			
Field Obser	vations:			1		
Surface Wate	er Present?	Yes O	No 💿	Depth (inches):		
Water Table	Present?	Yes \bigcirc	No 💿	Depth (inches):		van O Na 🖨
Saturation Pr		Yes 🔾	No 💿	Depth (inches):	etland Hydrology Present	t? Yes ○ No ⑨
(includes cap	illary fringe)				if available:	
Describe Re	corded Data (s	aream gaug	ye, monit	or well, aerial photos, previous inspections)	, ii avaliabic.	
Dame-ul						
Remarks:	da indiantour	nlot lozata	d about C	higher than adjacent exhaus. No evidence	of ponding	
ινο πγατοίος	gic indicators -	hior located	n abont p	higher than adjacent oxbow. No evidence	or ponding.	
				IDAHO DEPAR	TMENT OF LANDS	

US Army Corps of Engineers

PEND OREILLE LAKE AREA

Project/Site: The Idaho Club NEW (RP	0317400002	0A) - Trestle C	reek	City/County:	Bonner		Sampli	ng Date: 27-	Oct-22	
Applicant/Owner: The Idaho Club						State: _ID	Sam	pling Point:	DP S	i 7
Investigator(s): Tom Duebendorfer, F				Section, To	ownship, R	ange: S 16	T 57N	R 1E		
Landform (hillslope, terrace, etc.):	Lowland			Local relief	(concave,	convex, none): _cc	ncave	Slope:	0.0 % /	0.0
Subregion (LRR): LRR E			Lat.: 48	8.283757		Long.: -116.35	2784	Datu	ım: WGS 8	34
Soil Map Unit Name: Bonner silt loar	n					NWI	classification:	PFO1C		
re climatic/hydrologic conditions on	the site ty	pical for this	time of year	r? Yes	s 💿 No 🤇		lain in Remark			
Are Vegetation \square , Soil \square	, or Hydro	ology 🗌 s	significantly	disturbed?	Are "N	lormal Circumstar	nces" present?	Yes •	No O	
Are Vegetation \Box , Soil \Box	, or Hydro	ology 🗌 ı	naturally pro	oblematic?	(If ne	eded, explain any	answers in Re	marks.)		
Summary of Findings - At	tach sit	e map sh	owing sa	amplina p				•	etures	atc
Hydrophytic Vegetation Present?	Yes O	No 💿						——————————————————————————————————————		ELC.
Hydric Soil Present?	Yes 🔾	No 💿		Is the	Sampled A	_				
Wetland Hydrology Present?	Yes 🔾	No 💿		withir	n a Wetland	_{d?} Yes O No	, •			
Remarks:										
None of required parameters met.	Plot is not	: in a wetland	d. Located o	on bench abo	ve oxbow.	Photo DP S 7.				
VEGETATION - Use scien	tific nam	es of plan	ts.	Dominant						
				_Species? Rel.Strat.	Indicator	Dominance Test				
Tree Stratum (Plot size: 30')		% Cover		Status	Number of Domin				
1 Alnus incana			10	100.0%	FACW	That are OBL, FA		2	(A)	.)
2				0.0%		Total Number of I	Dominant			
3			0	0.0%		Species Across All		5	(B)) n
4			0	0.0%		Descent of dom	!t Calog		_	
Sapling/Shrub Stratum (Plot size:	20'		10	= Total Cove	ar	Percent of domi That Are OBL, F		40.0	<u>%</u> (A/	/B)
1 Symphoricarpos albus				50.0%	FACU	Prevalence Inde	x worksheet:			
2. Rubus ursinus			30	30.0%	FACU	Total % C	over of:	Multiply by:		
3. Cornus alba			10	10.0%	FACW_	OBL species	0	x 1 =	0	
4. Rosa canina 5.				10.0%	UPL	FACW species	20	x 2 =	40	
J			-	0.0%		FAC species		~ -	120	
Herb Stratum (Plot size: 0.1 ac)		100	= Total Cove	er	FACU species		^	492	
1 Festuca rubra			40	✓ 40.0%	FAC	UPL species		x 5 =1	135	
2. Tanacetum vulgare			25	✓ 25.0%	FACU	Column Totals:	210	(A)	787 (ı	(B)
3_Solidago canadensis			15	15.0%	FACU	Prevalence	Index = B/A =	= 3.74	18	
4 Potentilla recta			10	10.0%	UPL	Undergoberkin Voc		-	_	
5_Centaurea maculosa			_ 5	5.0%	UPL	Hydrophytic Veg				
				3.0%	FACU	2 - Dominand	st for Hydrolog ce Test is > 50		'n	
				2.0%	<u>UPL</u>		ce rest is > 50 ce Index is ≤3.			
8,				0.0%						_
9			_	0.0%		4 - Morpnolo data in Re	gical Adaptation	ons * (Provia i separate sh	e supporti ieet)	ing
11			0	0.0%		🔲 5 - Wetland I			-	
113				= Total Cove		Problematic	Hydrophytic Ve	egetation 1 (1	Explain)	
Woody Vine Stratum (Plot size:		_)			.	¹ Indicators of h	vdric soil and	wetland hyd	rology mu	ıst
1,				0.0%		be present, unle	ss disturbed o	r problemati	íc.	
2			0	0.0%		Hydrophytic				
			0	= Total Cove	ır	Vegetation Present?	Yes O No	•		
% Bare Ground in Herb Stratum:	0		IDAHO DES	A DELENINA						
Remarks:			IDMINO DEP	ARTMENT OF	LANDS					
Vegetation is not hydrophytic - neit plot but overhanging	her test m	et. The hydr	rophytic alde	er and dogwo	od are loca	ated at the base o	f the slope at	the oxbow -	not rooter	d in

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Sandy Redox (55) Stripped Matrix (S6) Loamy Mucky Mineral (F1) (except in MLRA 1)	Texture Remarks Silt Loam cobbly loam cobbly loam ation: PL=Pore Lining. M=Matrix Indicators for Problematic Hydric Soils ³ : 2 cm Muck (A10)
4-16 10YR 3/3 100% Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains ² Locally dric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Sandy Redox (S5) Histic Epipedon (A2) Stripped Matrix (S6) Black Histic (A3) Loamy Mucky Mineral (F1) (except in MLRA 1)	cobbly loam ation: PL=Pore Lining. M=Matrix Indicators for Problematic Hydric Soils ³ :
ype: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains ² Loca ydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Sandy Redox (S5) Histic Epipedon (A2) Stripped Matrix (S6) Black Histic (A3) Loamy Mucky Mineral (F1) (except in MLRA 1)	ation: PL=Pore Lining, M=Matrix Indicators for Problematic Hydric Soils ³ :
ydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Sandy Redox (S5) Stripped Matrix (S6) Loamy Mucky Mineral (F1) (except in MLRA 1)	Indicators for Problematic Hydric Soils ³ :
Adric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Sandy Redox (S5) Histic Epipedon (A2) Stripped Matrix (S6) Black Histic (A3) Loamy Mucky Mineral (F1) (except in MLRA 1)	Indicators for Problematic Hydric Soils ³ :
Histosol (A1) Sandy Redox (S5) Histic Epipedon (A2) Black Histic (A3) Games Applicable to all LRRs, unless otherwise noted.) Sandy Redox (S5) Stripped Matrix (S6) Loamy Mucky Mineral (F1) (except in MLRA 1)	Indicators for Problematic Hydric Soils ³ :
Histosol (A1) Sandy Redox (S5) Histic Epipedon (A2) Black Histic (A3) Solution Indicators: (Applicable to all LRRs, unless otherwise noted.) Sandy Redox (S5) Stripped Matrix (S6) Loamy Mucky Mineral (F1) (except in MLRA 1)	Indicators for Problematic Hydric Soils ³ :
Histosol (A1) Sandy Redox (S5) Histic Epipedon (A2) Black Histic (A3) Sometimes otherwise noted.) Stripped Matrix (S6) Loamy Mucky Mineral (F1) (except in MLRA 1)	Indicators for Problematic Hydric Soils ³ :
Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Sandy Redox (S5) Stripped Matrix (S6) Loamy Mucky Mineral (F1) (except in MLRA 1)	
Histic Epipedon (A2) Black Histic (A3) Stripped Matrix (S6) Loamy Mucky Mineral (F1) (except in MLRA 1)	2 cm Muck (A10)
Black Histic (A3) Loamy Mucky Mineral (F1) (except in MLRA 1)	
	Red Parent Material (TF2)
Linda College (Ad)	Other (Explain in Remarks)
Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2)	
Depleted Below Dark Surface (A11) Depleted Matrix (F3)	
Thick Dark Surface (A12) Redox Dark Surface (F6)	³ Indicators of hydrophytic vegetation and
Sandy Muck Mineral (S1) Depleted Dark Surface (F7)	wetland hydrology must be present,
Sandy Gleved Matrix (S4) Redox depressions (F8)	unless disturbed or problematic.
trictive Layer (if present):	
Туре:	Hydric Soil Present? Yes ○ No ●
Depth (inches):	Hydric Son Fresent: 165 C NO C
drology	
etland Hydrology Indicators: mary Indicators (minimum of one required; check all that apply)	Secondary Indicators (minimum of two require
Surface Water (A1) Water-Stained Leaves (B9) (except MLRA	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
High Water Table (A2) 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)
	Geomorphic Position (D2)
Algal Mat or Crust (B4) Presence of Reduced Iron (C4)	Shallow Aquitard (D3)
	FAC-neutral Test (D5)
Iron Deposits (B5) Recent Iron Reduction in Tilled Soils (C6)	Raised Ant Mounds (D6) (LRR A)
Iron Deposits (B5) Recent Iron Reduction in Tilled Soils (C6) Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (LRR A)	
	Frost Heave Hummocks (D7)
Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (LRR A)	Frost Heave Hummocks (D7)
Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Cld Observations:	Frost Heave Hummocks (D7)
Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Cld Observations: Frace Water Present? Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Depth (inches):	Frost Heave Hummocks (D7)
Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) eld Observations: rface Water Present? Yes No Depth (inches): Depth (inches): Depth (inches): Depth (inches):	
Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) eld Observations: Inface Water Present? Interest Table Present? In	land Hydrology Present? Yes O No
Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) eld Observations: rface Water Present? Yes No Depth (inches): pater Table Present? turation Present? yes No Depth (inches): Depth (inches): Depth (inches): Depth (inches): Depth (inches):	land Hydrology Present? Yes O No
Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) eld Observations: rface Water Present? Yes No Depth (inches): turation Present? Ves No Depth (inches): Wetlater Table Present? Ves No Depth (inches): Depth (inches): Wetlater Table Present?	land Hydrology Present? Yes O No 🖲

US Army Corps of Engineers

MAY 13 2024

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

Project/Site: The Idaho Club NEW (RP	0317400002	OA) - Trestle Cre	eek	City/County:	Bonner	Sampling Date: 27-Oct-22
Applicant/Owner: The Idaho Club					,	State: ID Sampling Point: DP S 8
Investigator(s): Tom Duebendorfer, F				Section, To	ownship, R	Range: S 16 T 57N R 1E
Landform (hillslope, terrace, etc.):	Lowland					convex, none): concave Slope: 0.0 % / 0
Subragion /LBB\: LBB C			Lat · 49	3.283497	(,	
Soil Map Unit Name: Bonner silt loar).Z0J 1 37		
		-!! # +1-!- 4		. V-	s No	NWI classification: PFO1C
re climatic/hydrologic conditions on Are Vegetation \(\sime\) , Soil \(\sime\)			•			(= , = , = , = , = , = , = , = , = , = ,
	, or Hydro			disturbed?		Normal Circumstances" present? Yes No
Are Vegetation □ , Soil □ Summary of Findings - At	or Hydro, tach site		aturally pro			eeded, explain any answers in Remarks.) cations, transects, important features, etc
Hydrophytic Vegetation Present?	Yes O	No 💿				
Hydric Soil Present?	Yes 🔾	No 💿		1s the	Sampled A	Area
Wetland Hydrology Present?	Yes 🔾	No 💿		within	ı a Wetlanı	id? Yes ○ No ●
Remarks:						
None of required parameters met.	Plot is not	in a wetland.	Located o	n bench abo	ve oxbow.	Photo DP S 8.
VEGETATION - Use scien	tific nam	es of plants	S.	Dominant _Species?		
Tree Stratum (Plot size: 30')		Absolute % Cover	Rel.Strat.	Indicator Status	
1. Alnus incana			15	1 00.0%	FACW	Number of Dominant Species That are OBL, FACW, or FAC: 2 (A)
2				0.0%		
3			0	0.0%		Total Number of Dominant Species Across All Strata: 4 (B)
4			0	0.0%		
Sapling/Shrub Stratum (Plot size:	20'	1	15	= Total Cove	er	Percent of dominant Species That Are OBL, FACW, or FAC: 50.0% (A/B)
1 Populus balsamifera			15	40.5%	FAC	Prevalence Index worksheet:
22 1			15	40.5%	FACU	Total % Cover of: Multiply by:
			5	13.5%	FACU	OBL species 0 x 1 = 0
4. Pseudotsuga menziesii			2	5.4%	FACU	FACW species $15 \times 2 = 30$
5				0.0%		FAC species $18 \times 3 = 54$
Herb Stratum (Plot size: 0.1 ac	a		37	= Total Cove	er	FACU species 115 x 4 = 460
1 Tanacetum vulgare			90	93.8%	FACIL	UPL species $\frac{0}{x}$ $x = \frac{0}{x}$
2. Festuca rubra			3	93.8%	FACU	Column Totals:148(A)544(B)
3 Dactylis glomerata			3	3.1%	FACU	Prevalence Index = B/A = 3.676
4.				0.0%		
5				0.0%		Hydrophytic Vegetation Indicators:
6				0.0%		1 - Rapid Test for Hydrologic Vegetation
7				0.0%		2 - Dominance Test is > 50%
8.———			-	0.0%		3 - Prevalence Index is ≤3.0 ¹
9.———				0.0%		4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
10.————			0_0	0.0%		5 - Wetland Non-Vascular Plants 1
11,————————————————————————————————————			96	= Total Cove		Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:		. 1		- I oral COVE		¹ Indicators of hydric soil and wetland hydrology must
1,			0	0.0%		be present, unless disturbed or problematic.
2			0	0.0%		Hydrophytic
				= Total Cove	r	Vegetation
% Bare Ground in Herb Stratum:	0					Present? Yes O No O
Remarks:		IDALIA ARTI		and the second of		
Vegetation is not hydrophytic - neit	her test im	et. Exactly 50			C or wetto	er - needs > 50%
					OI WELLE	JI TICCUS > 30 70.
		IVIA Y	1 3 202	4		

^{*}Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Depth	Matrix	· · · · · ·		x Features	_ _{Loc²} _	Texture	Remarks
		_	olor (moist)	% Type 1	Loc	Silt Loam	Kelliaiks
0-4 10YR		00%					
4-16 10YR	3/3 1	00%				cobbly loam	
							=
							-
						-	
imos C—Concentration	D-Depletion P	M-Peduced I	Matrix CS=Covered	d or Coated Sand Gr	rains 21 oca	ation: PL=Pore Lining. N	—
ydric Soil Indicators					411.5		blematic Hydric Soils ³ :
Histosol (A1)	(пришение)	1	Sandy Redox (2 cm Muck (A1	0)
Histic Epipedon (A2)		Ì	Stripped Matrix	•		Red Parent Ma	·
Black Histic (A3)		Ĩ		Mineral (F1) (except	in MLRA 1)	Other (Explain	
Hydrogen Sulfide (A4	1)	ĺ	Loamy Gleyed		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	C Other (Explain	in Kemaro)
Depleted Below Dark	-	Ì	Depleted Matri:				
· · · · · · · · · · · · · · · · · ·	, ,	j	Redox Dark Su			3- 12 1	المرم والمتعادية والمتعادية والمتعادية والمتعادية
Thick Dark Surface (-	Ì	Depleted Dark			³ Indicators of hydrog	nytic vegetation and / must be present,
Sandy Muck Mineral	` '	[Redox depressi	` '		unless disturbed	
Sandy Gleyed Matrix			Redox depress	10113 (1 0)			
strictive Layer (if pr Type:	esent):						
Depth (inches):						Hydric Soil Present	? Yes O No 💿
emarks:							
hydric indicators							
ydrology							
ydrology Yetland Hydrology In			shoot all that are	ati)		Socondary In	dicators (minimum of two requ
ydrology Tetland Hydrology In rimary Indicators (m		e required; o			art MIDA		dicators (minimum of two requ
ydrology etland Hydrology In- rimary Indicators (mi	nimum of one	e required; o		ed Leaves (B9) (exce	ept MLRA		nined Leaves (B9) (MLRA 1, 2,
ydrology etland Hydrology In imary Indicators (m	nimum of one	e required; o	☐ Water-Staine	ed Leaves (B9) (exce d 4B)	ept MLRA	Water-Sta 4A, and 4	nined Leaves (B9) (MLRA 1, 2,
rdrology etland Hydrology Incimary Indicators (miles Surface Water (A1) High Water Table (A) Saturation (A3)	nimum of one	e required; o	Water-Staine 1, 2, 4A, and Salt Crust (B	ed Leaves (B9) (exce d 4B)	ept MLRA	Water-Sta 4A, and 4	ained Leaves (B9) (MLRA 1, 2, B)
rdrology etland Hydrology Infirmary Indicators (miles Surface Water (A1) High Water Table (A3) Saturation (A3) Water Marks (B1)	nimum of one	e required; o	Water-Staine 1, 2, 4A, and Salt Crust (B Aquatic Inve	ed Leaves (B9) (exce d 4B) d 11) ertebrates (B13)	ept MLRA	Water-Str 4A, and 4 Drainage Dry Seaso	nined Leaves (B9) (MLRA 1, 2, B) Patterns (B10)
vdrology etland Hydrology In- rimary Indicators (mi Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (nimum of one	e required; o	Water-Staine 1, 2, 4A, and Salt Crust (B Aquatic Inve Hydrogen Su	ed Leaves (B9) (exce d 4B) s11) rtebrates (B13) ulfide Odor (C1)		Water-Sta 4A, and 4 Drainage Dry Sease Saturatio	ained Leaves (B9) (MLRA 1, 2, B) Patterns (B10) on Water Table (C2) n Visible on Aerial Imagery (C9)
rdrology etland Hydrology In- imary Indicators (mi Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (B3)	nimum of one	e required; o	Water-Staine 1, 2, 4A, and Salt Crust (B Aquatic Inve Hydrogen Su Oxidized Rhi	ed Leaves (B9) (exce d 4B) s11) ertebrates (B13) ulfide Odor (C1) zospheres on Living		Water-Str 4A, and 4 Drainage Dry Sease Saturatio Geomorp	pained Leaves (B9) (MLRA 1, 2, B) Patterns (B10) On Water Table (C2) In Visible on Aerial Imagery (C9) hic Position (D2)
rdrology etland Hydrology Inimary Indicators (miles Surface Water (A1) High Water Table (Ailes Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (in the Company of the Company	nimum of one	e required; o	Water-Staine 1, 2, 4A, and Salt Crust (B Aquatic Inve Hydrogen Su Oxidized Rhi: Presence of	ed Leaves (B9) (exce d 4B) (11) ertebrates (B13) ulfide Odor (C1) zospheres on Living Reduced Iron (C4)	Roots (C3)	Water-State 4A, and 4 Drainage Dry Sease Saturatio Geomorp Shallow A	pained Leaves (B9) (MLRA 1, 2, B) Patterns (B10) On Water Table (C2) In Visible on Aerial Imagery (C9) hic Position (D2) Equitard (D3)
rdrology etland Hydrology Incimary Indicators (mi) Surface Water (A1) High Water Table (Ai) Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Drift deposits (B3) Algal Mat or Crust (III) Iron Deposits (B5)	nimum of one 1.2) B2) 34)	e required; o	Water-Staine 1, 2, 4A, and Salt Crust (B Aquatic Inve Hydrogen Su Oxidized Rhi: Presence of Recent Iron	ed Leaves (B9) (exce d 4B) (11) (rtebrates (B13) (ulfide Odor (C1) (zospheres on Living (Reduced Iron (C4) (Reduction in Tilled S	Roots (C3)	Water-State 4A, and 4 Drainage Dry Sease Saturatio Geomorp Shallow A	pained Leaves (B9) (MLRA 1, 2, B) Patterns (B10) Don Water Table (C2) In Visible on Aerial Imagery (C9) Inic Position (D2) Inquitard (D3) Inal Test (D5)
retland Hydrology Incrimary Indicators (mi) Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (I Iron Deposits (B5) Surface Soil Cracks	nimum of one 32) B2) 34) (B6)		Water-Staine 1, 2, 4A, and Salt Crust (B Aquatic Inve Hydrogen Su Oxidized Rhi: Presence of Recent Iron	ed Leaves (B9) (exce d 4B) (11) ertebrates (B13) ulfide Odor (C1) zospheres on Living Reduced Iron (C4)	Roots (C3)	Water-State AA, and 4 Drainage Dry Sease Saturatio Geomorp Shallow A FAC-neut Raised Ar	pained Leaves (B9) (MLRA 1, 2, B) Patterns (B10) On Water Table (C2) In Visible on Aerial Imagery (C9) In Position (D2) In Visible on Aerial Imagery (C9) In Position (D2) In Imagery (C9) In Position (D3) In Imagery (C9) In Mounds (D5) In Mounds (D6) (LRR A)
retland Hydrology Incrimary Indicators (mi) Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (II Iron Deposits (B5)	nimum of one 32) B2) 34) (B6)		Water-Staine 1, 2, 4A, and Salt Crust (B Aquatic Inve Hydrogen St Oxidized Rhi: Presence of Recent Iron Stunted or S	ed Leaves (B9) (exce d 4B) (11) (rtebrates (B13) (ulfide Odor (C1) (zospheres on Living (Reduced Iron (C4) (Reduction in Tilled S	Roots (C3)	Water-State AA, and 4 Drainage Dry Sease Saturatio Geomorp Shallow A FAC-neut Raised Ar	pained Leaves (B9) (MLRA 1, 2, B) Patterns (B10) Don Water Table (C2) In Visible on Aerial Imagery (C9) Inic Position (D2) Inquitard (D3) Inal Test (D5)
rdrology etland Hydrology Incimary Indicators (mi) Surface Water (A1) High Water Table (Ai) Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (III Iron Deposits (B5) Surface Soil Cracks	nimum of one B2) B34) (B6) n Aerial Imager	y (87)	Water-Staine 1, 2, 4A, and Salt Crust (B Aquatic Inve Hydrogen St Oxidized Rhi: Presence of Recent Iron Stunted or S	ed Leaves (B9) (exced 4B) (11) (11) (11) (12) (13) (14) (15) (16) (16) (17) (17) (17) (18) (18) (18) (18) (18) (18) (18) (18	Roots (C3)	Water-State AA, and 4 Drainage Dry Sease Saturatio Geomorp Shallow A FAC-neut Raised Ar	pained Leaves (B9) (MLRA 1, 2, B) Patterns (B10) On Water Table (C2) In Visible on Aerial Imagery (C9) In Position (D2) In Visible on Aerial Imagery (C9) In Position (D2) In Imagery (C9) In Position (D3) In Imagery (C9) In Mounds (D5) In Mounds (D6) (LRR A)
etland Hydrology Infirmary Indicators (miles Surface Water (A1) High Water Table (Ailes Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (Infor Deposits (B5) Surface Soil Cracks Inundation Visible of Sparsely Vegetated	B2) B34) (B6) n Aerial Imager	ry (B7) te (B8)	Water-Staine 1, 2, 4A, and Salt Crust (B Aquatic Inve Hydrogen St Oxidized Rhi: Presence of Recent Iron Stunted or S	ed Leaves (B9) (exced 4B) (11) (11) (11) (12) (13) (14) (15) (16) (16) (17) (17) (17) (18) (18) (18) (18) (18) (18) (18) (18	Roots (C3)	Water-State AA, and 4 Drainage Dry Sease Saturatio Geomorp Shallow A FAC-neut Raised Ar	pained Leaves (B9) (MLRA 1, 2, B) Patterns (B10) On Water Table (C2) In Visible on Aerial Imagery (C9) In Position (D2) In Visible on Aerial Imagery (C9) In Position (D2) In Imagery (C9) In Position (D3) In Imagery (C9) In Mounds (D5) In Mounds (D6) (LRR A)
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rettand Hydrology In- rimary Indicators (m) Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (I Iron Deposits (B5) Surface Soil Cracks Inundation Visible of Sparsely Vegetated ield Observations: urface Water Present?	B2) B34) (B6) n Aerial Imager	y (B7) te (B8) No •	Water-Staine 1, 2, 4A, and Salt Crust (B Aquatic Inve Hydrogen St Oxidized Rhit Presence of Recent Iron Stunted or S Other (Expla	ed Leaves (B9) (exced 4B) (11) Intebrates (B13) Ilfide Odor (C1) zospheres on Living Reduced Iron (C4) Reduction in Tilled Stressed Plants (D1) In in Remarks)	Roots (C3) Soils (C6) (LRR A)	Water-Sta 4A, and 4 Drainage Dry Sease Saturatio Geomorp Shallow A FAC-neut Raised Ai Frost Hea	pained Leaves (B9) (MLRA 1, 2, B) Patterns (B10) on Water Table (C2) n Visible on Aerial Imagery (C9) hic Position (D2) aquitard (D3) ral Test (D5) ht Mounds (D6) (LRR A) ave Hummocks (D7)
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MAY 1 3 2024

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Project/Site: The Idaho Club NEW (RP03174000030A) - Trestle Creek City/County: Bonner Sampling Date: 27-Oct-22 Applicant/Owner: The Idaho Club State: ID **Sampling Point:** Investigator(s): Tom Duebendorfer, PWS Section, Township, Range: S 16 T 57N R 1F Landform (hillslope, terrace, etc.): Lowland Local relief (concave, convex, none): concave Slope: 0.0 % / 0.0 ° Lat.: 48.282965 Subregion (LRR): LRR E Datum: WGS 84 Long.: -116.352476 Soil Map Unit Name: Bonner silt loam NWI classification: none Are climatic/hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.) Are Vegetation . Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Are Vegetation , Soil , or Hydrology aturally problematic? (If needed, explain any answers in Remarks.) Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc. **Hydrophytic Vegetation Present?** Yes O No 💿 Is the Sampled Area No 💿 Yes 🔾 **Hydric Soil Present?** Yes O No O within a Wetland? Yes O No 💿 Wetland Hydrology Present? Remarks: None of required parameters met. Plot is not in a wetland. Located on bench about 10' higher than oxbow. Photo DP S 9. **VEGETATION** - Use scientific names of plants. Dominant Species? Absolute Indicator Rel.Strat. Dominance Test worksheet: Tree Stratum (Plot size: 30' % Cover Cover Status Number of Dominant Species 1 Acer grandidentatum 70 **1**00.0% FACU That are OBL, FACW, or FAC: (A) 0 0.0% Total Number of Dominant 0 0.0% Species Across All Strata: (B) 0 0.0% Percent of dominant Species 70 = Total Cover 25.0% (A/B) That Are OBL, FACW, or FAC: Sapling/Shrub Stratum (Plot size: 20' 1. Pseudotsuga menziesii ✓ 41.7% FACU Prevalence Index worksheet: Abies grandis **✓** 25.0% FACU 3 Total % Cover of: Multiply by: Amelanchier alnifolia 2 16.7% OBL species 4. FACW species 0 0.0% 80 240 FAC species 12 = Total Cover 90 360 FACU species Herb Stratum (Plot size: 0.1 ac 3 15 **UPL** species 1 Festuca rubra 80 **✓** 86.0% 173 615 Column Totals: (B) Tanacetum vulgare 5 5.4% **FACU** 3 Dactylis glomerata 5 5.4% FACU Prevalence Index = B/A = 3.555 4 Saponaria officinalis 3 3.2% **Hydrophytic Vegetation Indicators:** 0.0% 1 - Rapid Test for Hydrologic Vegetation 0.0% 2 - Dominance Test is > 50% 0.0% 3 - Prevalence Index is ≤3.0 ¹ 0.0% 4 - Morphological Adaptations 1 (Provide supporting 0 0.0% data in Remarks or on a separate sheet) 10 0 0.0% 5 - Wetland Non-Vascular Plants 1 0 11. 0.0% Problematic Hydrophytic Vegetation 1 (Explain) 93

= Total Cover

0.0%

0.0%

= Total Cover

0

0

IDAHO DEPARTMENT OF LANDS Vegetation is not hydrophytic - neither test met.

MAY 1 3 2024 *Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

The Corns of Engineers Wester

Woody Vine Stratum (Plot size:

% Bare Ground in Herb Stratum: ()

1.

 $^{
m 1}$ Indicators of hydric soil and wetland hydrology must

No 💿

be present, unless disturbed or problematic.

Yes 🔾

Hydrophytic Vegetation

Present?

US Army Corps of Engineers

Sampling Point: DP S 9

Depth		trix		eded to document the indicator or confirm the Redox Features	
(inches)	Color (moi	st)	%	Color (moist) % Type Loc2	Texture Remarks
0-4	10YR	3/2	100%		Silt Loam
4-16	10YR	3/3	100%		cobbly loam
					·
					·
				ed Matrix, CS=Covered or Coated Sand Grains ² Lo	
		pplicable	to all LRF	ts, unless otherwise noted.)	Indicators for Problematic Hydric Soils ³ :
Histosol (A1	•			Sandy Redox (S5)	☐ 2 cm Muck (A10)
Histic Epipe Black Histic				 ☐ Stripped Matrix (S6) ☐ Loamy Mucky Mineral (F1) (except in MLRA 1)	Red Parent Material (TF2) Other (Explain in Remarks)
Hydrogen S	` '			Loamy Gleyed Matrix (F2)	Other (Explain in Remarks)
	Below Dark Surf	face (A11))	Depleted Matrix (F3)	
	Surface (A12)	. ,		Redox Dark Surface (F6)	³ Indicators of hydrophytic vegetation and
Sandy Mucl	k Mineral (S1)			Depleted Dark Surface (F7)	wetland hydrology must be present, unless disturbed or problematic.
Sandy Gley	ed Matrix (S4)			Redox depressions (F8)	diffess disturbed of problematic.
Restrictive Lay	yer (if preser	ıt):			
Туре:					Hydric Soil Present? Yes ○ No •
Depth (inche	es):			*	700 1 110
	cators				
	,				
Wetland Hydro	rology Indica			the chack all that apply)	Secondary Indicators (minimum of two required)
Wetland Hydro Primary Indica	rology Indica ators (minim		ne required	i; check all that apply) Water-Stained Leaves (R9) (except MLRA	
Wetland Hydro Primary Indica Surface Wa	rology Indica ators (minim Vater (A1)		ne required	i; check all that apply) Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)	Secondary Indicators (minimum of two required) Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
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Wetland Hydro Primary Indica Surface Wa High Wate Saturation Water Mar Sediment I Drift depos Algal Mat o Iron Depos Surface So Inundation Sparsely V Field Observa Surface Water Table Pre Saturation Pres Sincludes capilla	rology Indicar tators (minim rater (A1) er Table (A2) n (A3) rks (B1) Deposits (B2) sits (B3) or Crust (B4) sits (B5) oil Cracks (B6) n Visible on Ae /egetated Cond ations: Present?	rial Image cave Surfa Yes C Yes C	ery (B7) ince (B8) No No No No No No No No	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Depth (inches):	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) □ Drainage Patterns (B10) □ Dry Season Water Table (C2) □ Saturation Visible on Aerial Imagery (C9) □ Geomorphic Position (D2) □ Shallow Aquitard (D3) □ FAC-neutral Test (D5) □ Raised Ant Mounds (D6) (LRR A) □ Frost Heave Hummocks (D7)
Wetland Hydro Primary Indica Surface Wa High Wate Saturation Water Mar Sediment I Drift depos Algal Mat o Iron Depos Surface So Inundation Sparsely V Field Observa Surface Water Fable Pro Saturation Press (includes capilla Describe Reco	rology Indicar tators (minim rater (A1) er Table (A2) n (A3) rks (B1) Deposits (B2) sits (B3) or Crust (B4) sits (B5) oil Cracks (B6) n Visible on Ae /egetated Cond ations: Present?	rial Image cave Surfa Yes C Yes C	ery (B7) ince (B8) No No No No No No No No	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Depth (inches): Depth (inches):	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) □ Drainage Patterns (B10) □ Dry Season Water Table (C2) □ Saturation Visible on Aerial Imagery (C9) □ Geomorphic Position (D2) □ Shallow Aquitard (D3) □ FAC-neutral Test (D5) □ Raised Ant Mounds (D6) (LRR A) □ Frost Heave Hummocks (D7)
Wetland Hydro Primary Indica Surface Wa High Wate Saturation Water Mar Sediment I Drift depos Algal Mat o Iron Depos Surface So Inundation Sparsely V Field Observa Surface Water Fable Pro Saturation Pres (includes capilla Describe Reco	rology Indicar tators (minim /ater (A1) er Table (A2) n (A3) rks (B1) Deposits (B2) sists (B3) or Crust (B4) sits (B5) oil Cracks (B6) n Visible on Ae /egetated Cond ations: Present? resent? sent? sary fringe)	rial Image ave Surfa Yes C Yes C Yes C	ery (B7) ice (B8) No No No auge, mor	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Depth (inches): Depth (inches):	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) □ Drainage Patterns (B10) □ Dry Season Water Table (C2) □ Saturation Visible on Aerial Imagery (C9) □ Geomorphic Position (D2) □ Shallow Aquitard (D3) □ FAC-neutral Test (D5) □ Raised Ant Mounds (D6) (LRR A) □ Frost Heave Hummocks (D7) tland Hydrology Present? Yes No ●

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

Project/Site: The Idaho Club NEW (RP03174000030A) - Trestle (Creek	City/County	Bonner	Sampling Date: 27-Oct-22
Applicant/Owner: The Idaho Club				State: ID Sampling Point: DP S 10
Investigator(s): Tom Duebendorfer, PWS		Section, T	ownship, R	Range: S 16 T 57N R 1E
Landform (hillslope, terrace, etc.): Lowland				convex, none): concave Slope: 0.0 % / 0.
Subregion (LRR): LRR E	Lat.: 48	3.282854	·	Long.: -116.352052 Datum: WGS 84
Soil Map Unit Name: Bonner silt loam				NWI classification: PFO1C
re climatic/hydrologic conditions on the site typical for this	time of year	-? Ye	s • No	
	significantly			Normal Circumstances" present? Yes No No
	naturally pro			F
, , , , , , , , , , , , , , , , , , , ,				eded, explain any answers in Remarks.) Cations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No				
Hydric Soil Present? Yes No No		Is the	Sampled A	
Wetland Hydrology Present? Yes O No		withi	n a Wetland	_{d?} Yes O No 💿
Remarks:				
None of required parameters met. Plot is not in a wetland	d. Photo DP	S 10.		
VEGETATION - Use scientific names of plan	ts.	Dominant		
i e		_Species? Rel.Strat.	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30'	% Cover	Cover	Status	Number of Dominant Species
1 Thuja plicata	15	50.0%	FAC	That are OBL, FACW, or FAC: 2 (A)
2 Abies grandis		50.0%	FACU	Total Number of Dominant
3		0.0%		Species Across Ali Strata:5 (B)
4		0.0%	-	Percent of deminant Cassian
Sapling/Shrub Stratum (Plot size: 20'	30	= Total Cov	er	Percent of dominant Species That Are OBL, FACW, or FAC: 40.0% (A/B)
1 Symphoricarpos albus	25	92.6%	FACU	Prevalence Index worksheet:
2. Populus balsamifera	2	7.4%	FAC	Total % Cover of: Multiply by:
3		0.0%		OBL species $0 \times 1 = 0$
4		0.0%		FACW species $0 \times 2 = 0$
5		0.0%	-	FAC species $53 \times 3 = 159$
	27	= Total Cov	er	FACU species $133 \times 4 = 532$
Herb Stratum (Plot size: 0.1 ac	51	577		UPL species $\frac{0}{0} \times 5 = \frac{0}{0}$
1 Solidago canadensis	80		FACU	Column Totals: 186 (A) 691 (B)
2 Festuca rubra 3 Festuca pratensis		23.3%	FACU	
4 Lactuca biennis	3	2.3%	FACU FAC	Prevalence Index = B/A = 3.715
5 Maianthemum stellatum	3	2.3%	FAC	Hydrophytic Vegetation Indicators:
6_Tanacetum vulgare	3	2.3%	FACU	1 - Rapid Test for Hydrologic Vegetation
7 Dactylis glomerata	3	2.3%	FACU	2 - Dominance Test is > 50%
8, Verbascum thapsus	2	1.6%	FACU	3 - Prevalence Index is ≤3.0 ¹
9	0	0.0%		4 - Morphological Adaptations ¹ (Provide supporting
10.————		0.0%		data in Remarks or on a separate sheet) 5 - Wetland Non-Vascular Plants 1
11,		0.0%		I
Woods Vine Charles (Dist.)	129	= Total Cov	er	Problematic Hydrophytic Vegetation 1 (Explain)
Woody Vine Stratum (Plot size:)	_			Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. 2.		0.0%		
<u></u>		0.0%		Hydrophytic Vegetation
	_			
	PARTMENT	= Total Cove	er	Present? Yes No No

^{*}Indicator suffix = National status or professional countries and professional status and defined by FWS.

Deptil	trix	Redox Features	Texture Remarks
(inches) Color (mois		Color (moist) % Type 1 Loc2	
0-4 10YR 3	3/2 100%		Silt Loam
4-16 10YR 3	3/3 100%		cobbly loam
1. (2.11 192.			
			-
			·
			D. D. Dan Haba M. Makaba
			indicators for Problematic Hydric Soils ³ :
i	plicable to all LRF	s, unless otherwise noted.)	2 cm Muck (A10)
Histosol (A1)		Sandy Redox (S5) Stripped Matrix (S6)	
Histic Epipedon (A2) Black Histic (A3)		Loamy Mucky Mineral (F1) (except in MLRA 1)	Red Parent Material (TF2) Other (Explain in Remarks)
Hydrogen Sulfide (A4)		Loamy Gleyed Matrix (F2)	Cottlet (Explain in Remarks)
Depleted Below Dark Surfa	ace (A11)	Depleted Matrix (F3)	
Thick Dark Surface (A12)	200 (111)	Redox Dark Surface (F6)	³ Indicators of hydrophytic vegetation and
Sandy Muck Mineral (S1)		Depleted Dark Surface (F7)	wetland hydrology must be present,
Sandy Gleyed Matrix (S4)		Redox depressions (F8)	unless disturbed or problematic.
estrictive Layer (if presen	t):		
Туре:			
Depth (inches):			Hydric Soil Present? Yes O No 💿
emarks:			
ydrology			
etland Hydrology Indicat		0 4640	
rimary Indicators (minimu	ım of one require		Secondary Indicators (minimum of two require
Surface Water (A1) High Water Table (A2)		Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)	Water-Stained Leaves (B9) (MLRA 1, 2, 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)
Drift deposits (B3)		Oxidized Rhizospheres on Living Roots (C3)	Geomorphic Position (D2)
		Oxidized Kriizosphieres on Elving Roots (es)	
I Alast Mat as Court (D4)		Processes of Reduced Iron (C4)	Shallow Aquitard (D3)
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)
Iron Deposits (B5) Surface Soil Cracks (B6)	i-1 I (DZ)	Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A)	FAC-neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aer		Recent Iron Reduction in Tilled Soils (C6)	FAC-neutral Test (D5)
Iron Deposits (B5) Surface Soil Cracks (B6)		Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A)	FAC-neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aer Sparsely Vegetated Conce	ave Surface (B8)	Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks)	FAC-neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aer Sparsely Vegetated Concilied Observations:		Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks)	FAC-neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aer Sparsely Vegetated Concertications: Surface Water Present?	ave Surface (B8)	Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Depth (inches): Depth (inches):	FAC-neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost Heave Hummocks (D7)
Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aer	Yes No (9)	Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Depth (inches): Depth (inches):	FAC-neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aer Sparsely Vegetated Conceried Observations: Surface Water Present? Water Table Present? Saturation Present? Includes capillary fringe)	Yes No • Yes No • Yes No •	Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Depth (inches): Depth (inches): Wetling	FAC-neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost Heave Hummocks (D7) and Hydrology Present? Yes No
Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aer Sparsely Vegetated Conceried Observations: Surface Water Present? Vater Table Present? Saturation Present? Sincludes capillary fringe)	Yes No • Yes No • Yes No •	Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Depth (inches): Depth (inches):	FAC-neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost Heave Hummocks (D7) and Hydrology Present? Yes No
Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aer Sparsely Vegetated Conce Field Observations: urface Water Present? Vater Table Present? Findludes capillary fringe) Tescribe Recorded Data (St	Yes No • Yes No • Yes No •	Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Depth (inches): Depth (inches): Wetling	FAC-neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost Heave Hummocks (D7) and Hydrology Present? Yes No
Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aer Sparsely Vegetated Concilied Observations: urface Water Present? //ater Table Present? aturation Present? ncludes capillary fringe) escribe Recorded Data (stemarks:	Yes No • Yes No • Yes No • Tream gauge, mor	Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Depth (inches): Depth (inches): Wetlandit well, aerial photos, previous inspections), in	FAC-neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost Heave Hummocks (D7) and Hydrology Present? Yes No f available:
Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aer Sparsely Vegetated Concilied Observations: urface Water Present? Vater Table Present Present? Vater Table Present P	Yes No • Yes No • Yes No • Tream gauge, mor	Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Depth (inches): Depth (inches): Wetling	FAC-neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost Heave Hummocks (D7) and Hydrology Present? Yes No f available:
Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aer Sparsely Vegetated Conce Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (stemarks:	Yes No • Yes No • Yes No • Tream gauge, mor	Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Depth (inches): Depth (inches): Wetlandit well, aerial photos, previous inspections), in	FAC-neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost Heave Hummocks (D7) and Hydrology Present? Yes No f available:

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WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Project/Site: The Idaho Club NEW (RP03174000030A) - Trestle Creek City/County: Bonner Sampling Date: 27-Oct-22 Applicant/Owner: The Idaho Club State: ID Sampling Point: Investigator(s): Tom Duebendorfer, PWS Section, Township, Range: S 16 **T** 57N R 1E Landform (hillslope, terrace, etc.): Lowland Local relief (concave, convex, none): CONCAVE Slope: 0.0 % / 0.0 ° Subregion (LRR): LRR E Lat.: 48.282931 Long.: -116.351114 Datum: WGS 84 Soil Map Unit Name: Bonner silt loam NWI classification: PFO1C Yes No Are climatic/hydrologic conditions on the site typical for this time of year? (If no, explain in Remarks.) , Soil , or Hydrology a significantly disturbed? Are "Normal Circumstances" present? , Soil 🔲 , or Hydrology $\ \square$ naturally problematic? (If needed, explain any answers in Remarks.) Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc. **Hydrophytic Vegetation Present?** Yes O No 💿 Is the Sampled Area Yes 🔾 No 💿 **Hydric Soil Present?** Yes O No 💿 within a Wetland? Yes 🔾 No 💿 Wetland Hydrology Present? Remarks: None of required parameters met. Plot is not in a wetland. About 3' higher than North Branch. Photo DP S 11. **VEGETATION** - Use scientific names of plants. **Dominant** Species? Absolute Rel.Strat. Indicator **Dominance Test worksheet:** Tree Stratum (Plot size: 30' % Cover Cover **Status** Number of Dominant Species 1. Pseudotsuga menziesii 50.0% 25 FACU That are OBL, FACW, or FAC: (A) Acer grandidentatum 15 **V** 30.0% FACU Total Number of Dominant Thuja plicata 10 20.0% FAC Species Across All Strata: 5 (B) 0 0.0% Percent of dominant Species 50 = Total Cover 40.0% (A/B) Sapling/Shrub Stratum (Plot size: 20' That Are OBL, FACW, or FAC: 1 Berberis repens ✓ 100.0% UPL 10 Prevalence Index worksheet: 0.0% Total % Cover of: Multiply by: 3. 0.0% OBL species 0.0% 0 FACW species 0.0% 70 210 FAC species 10 = Total Cover 50 200 FACU species Herb Stratum (Plot size: 0.1 ac 15 75 UPL species 1 Festuca rubra 80.0% 135 485 (B) Column Totals: 2. Dactylis glomerata 10 13.3% FACU 3 Tragopogon dubius 6.7% Prevalence Index = B/A = 3.593 0.0% **Hydrophytic Vegetation Indicators:** 0.0% 1 - Rapid Test for Hydrologic Vegetation 0.0% ☐ 2 - Dominance Test is > 50% 0.0% 3 - Prevalence Index is ≤3.0 ¹ 0.0% 4 - Morphological Adaptations 1 (Provide supporting 0 0.0% data in Remarks or on a separate sheet) 0 0.0% \square 5 - Wetland Non-Vascular Plants 1 0 0.0% Problematic Hydrophytic Vegetation ¹ (Explain) 75 = Total Cover

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

0

0

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MAY 1 3 2024

0.0%

= Total Cover

Woody Vine Stratum (Plot size:

% Bare Ground in Herb Stratum: 0

Vegetation is not hydrophytic - neither test met.

1.

¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Yes O No 💿

Hydrophytic Vegetation

Present?

Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains ² Location Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Muck Mineral (S1) Sandy Redox (F8) Depleted Dark Surface (F7) Redox depressions (F8) Restrictive Layer (if present): Type:	Silt Loam cobbly loam cion: PL=Pore Lining. M=Matrix Indicators for Problematic Hydric Soils³: 2 cm Muck (A10) Red Parent Material (TF2) Other (Explain in Remarks) 3 Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Hydric Soil Present? Yes No No
Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains 2Location Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains 2Location Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains 2Location Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains 2Location Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains 2Location Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains 2Location Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains 2Location Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains 2Location Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains 2Location Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains 2Location Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains 2Location Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains 2Location Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains 2Location Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains 2Location. Type: Calcation. D=Depletion. D=De	ion: PL=Pore Lining. M=Matrix Indicators for Problematic Hydric Soils ³ : 2 cm Muck (A10) Red Parent Material (TF2) Other (Explain in Remarks) 3 Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains 2Location Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1)	ion: PL=Pore Lining. M=Matrix Indicators for Problematic Hydric Soils ³ : 2 cm Muck (A10) Red Parent Material (TF2) Other (Explain in Remarks) 3 Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
ydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1)	Indicators for Problematic Hydric Soils ³ : 2 cm Muck (A10) Red Parent Material (TF2) Other (Explain in Remarks) 3 Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
ydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1)	Indicators for Problematic Hydric Soils ³ : 2 cm Muck (A10) Red Parent Material (TF2) Other (Explain in Remarks) 3 Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Histosol (A1) Histosol (A2) Black Histic (A3) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Redox (S5) Stripped Matrix (S6) Loamy Mucky Mineral (F1) (except in MLRA 1) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Muck Mineral (S1) Sandy Gleyed Matrix (S4) Serictive Layer (if present): Type: Depth (inches):	Indicators for Problematic Hydric Soils ³ : 2 cm Muck (A10) Red Parent Material (TF2) Other (Explain in Remarks) 3 Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Histosol (A1) Histosol (A2) Black Histic (A3) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Redox (S5) Stripped Matrix (S6) Loamy Mucky Mineral (F1) (except in MLRA 1) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Muck Mineral (S1) Sandy Gleyed Matrix (S4) Serictive Layer (if present): Type: Depth (inches):	Indicators for Problematic Hydric Soils ³ : 2 cm Muck (A10) Red Parent Material (TF2) Other (Explain in Remarks) 3 Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Histosol (A1) Histosol (A2) Black Histic (A3) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Redox (S5) Stripped Matrix (S6) Loamy Mucky Mineral (F1) (except in MLRA 1) Depleted Matrix (F3) Thick Dark Surface (A12) Sandy Muck Mineral (S1) Sandy Gleyed Matrix (S4) Redox Dark Surface (F6) Depleted Dark Surface (F7) Redox depressions (F8) Sartictive Layer (if present): Type: Depth (inches):	Indicators for Problematic Hydric Soils ³ : 2 cm Muck (A10) Red Parent Material (TF2) Other (Explain in Remarks) 3 Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
ydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1)	Indicators for Problematic Hydric Soils ³ : 2 cm Muck (A10) Red Parent Material (TF2) Other (Explain in Remarks) 3 Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
ydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1)	Indicators for Problematic Hydric Soils ³ : 2 cm Muck (A10) Red Parent Material (TF2) Other (Explain in Remarks) 3 Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Muck Mineral (S1) Sandy Gleyed Matrix (S4) Setrictive Layer (if present): Type: Depth (inches):	Red Parent Material (TF2) Other (Explain in Remarks) 3 Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Black Histic (A3) Hydrogen Sulfide (A4) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Muck Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Gleyed Matrix (S4) Setrictive Layer (if present): Type: Depth (inches):	Other (Explain in Remarks) 3 Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Black Histic (A3) Hydrogen Sulfide (A4) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Muck Mineral (S1) Sandy Gleyed Matrix (S4) Pestrictive Layer (if present): Type: Depth (inches):	Other (Explain in Remarks) 3 Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Hydrogen Sulfide (A4) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Muck Mineral (S1) Sandy Gleyed Matrix (F3) Redox Dark Surface (F6) Depleted Dark Surface (F7) Redox depressions (F8) Pestrictive Layer (if present): Type: Depth (inches):	³ Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.
Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Muck Mineral (S1) Sandy Gleyed Matrix (S4) Pestrictive Layer (if present): Type: Depth (inches):	wetland hydrology must be present, unless disturbed or problematic.
Thick Dark Surface (A12) Sandy Muck Mineral (S1) Sandy Gleyed Matrix (S4) Strictive Layer (if present): Type: Depth (inches):	wetland hydrology must be present, unless disturbed or problematic.
Sandy Muck Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Gleyed Matrix (S4) Strictive Layer (if present): Type: Depth (inches):	wetland hydrology must be present, unless disturbed or problematic.
Sandy Gleyed Matrix (S4) Strictive Layer (if present): Type: Depth (inches):	unless disturbed or problematic.
Type:	
Type:	Hydric Soil Present? Yes No
Depth (inches): marks:	Hydric Soil Present? Yes No No
marks:	nyuric suil Present: 1es C No G
drology	
etland Hydrology Indicators: imary Indicators (minimum of one required; check all that apply)	Secondary Indicators (minimum of two require
Surface Water (A1) Water-Stained Leaves (B9) (except MLRA	Water-Stained Leaves (B9) (MLRA 1, 2,
High Water Table (A2) 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)
Drift deposits (B3) Oxidized Rhizospheres on Living Roots (C3)	Geomorphic Position (D2)
Algal Mat or Crust (B4) Presence of Reduced Iron (C4)	Shallow Aquitard (D3)
Iron Deposits (B5)	☐ 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) Uther (Explain in Remarks)	Frost Heave Hummocks (D7)
Sparsely Vegetated Concave Surface (B8)	
eld Observations:	
rface Water Present? Yes No Depth (inches):	
ater Table Present? Yes No Depth (inches):	
	nd Hydrology Present? Yes O No 🖲
ncludes capillary fringe) 165 176 176 176 176 176 176 176	available:
ictudes capillary fringe)	available:
ictudes capillary fringe)	

US Army Corps of Engineers

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

	020A) - Trestle C	reek	City/County:	Bonner		Sampling Date: 27-Oct	t-22
pplicant/Owner: The Idaho Club					State: ID	Sampling Point:	DP S 12
nvestigator(s): Tom Duebendorfer, PWS			Section, To	ownship, R	tange: S 16 T	57N R 1E	
Landform (hillslope, terrace, etc.): Lowland			Local relief	(concave,	convex, none): concav	re Slope: 0.	C %/ 0.
ubregion (LRR): LRR E		Lat.: 48	3.282892		Long.: -116.351588		 WGS 84
il Map Unit Name: Bonner silt loam						sification: PFO1C	
climatic/hydrologic conditions on the site	vpical for this	time of year	·? Ye	s • No			
		significantly			"Normal Circumstances		No O
		naturally pro				-	110
ummary of Findings - Attach si		- •		-	eded, explain any ansv	•	uroe ote
lydrophytic Vegetation Present? Yes						s, important reat	ures, etc
Hydric Soil Present? Yes	No 💿		Is the	Sampled A			
Vetland Hydrology Present? Yes	No 💿		within	n a Wetlan	_{d?} Yes O No 💿		
Remarks:							
Hydrophytic vegetation is present (1 cedar Plot is not in a wetland. About 3' higher the	an North Branc	h. Photo DF	9 S 12.) hydric ind	licators (cobbly); no ev	ridence of hydrology or p	onding.
VEGETATION - Use scientific na	mes of plan	ts. 	Dominant _Species?				
Tree Stratum (Plot size: 30'		Absolute % Cover	Rel.Strat.	Indicator Status	Dominance Test wor	ksheet:	
1 Thuja plicata			83.3%	FAC	Number of Dominant S		(4)
2 Acer grandidentatum		_	16.7%	FACU	That are OBL, FACW, o	or FAC:	(A)
3			0.0%		Total Number of Domii Species Across All Strat	_	(D)
4			0.0%		Species Across All Scra	la:	(B)
Sapling/Shrub Stratum (Plot size: 20')	60	= Total Cov	er	Percent of dominant That Are OBL, FACW		(A/B)
1 Rubus parviflorus		30	90.9%	FACU	Prevalence Index wo	orksheet:	
2. Abies grandis			9.1%	FACU	Total % Cover	of: Multiply by:	
3			0.0%		OBL species	0 x 1 = 0	
4			0.0%		FACW species _	<u>0</u> x 2 = <u>0</u>	
5		8			FAC species	113 x 3 =339)
Herb Stratum (Plot size: 0.1 ac		33	= Total Cove	er	FACU species _	53 x 4 = 213	2
1 Festuca rubra		60	✓ 82.2%	FAC	UPL species _	$\frac{0}{}$ x 5 = $\frac{0}{}$	
2. Dactylis glomerata		10	13.7%	FACU	Column Totals: _	166 (A) 55:	(B)
3_Lactuca biennis			4.1%	FAC	Prevalence Inde	x = B/A = 3.319	
4			0.0%		Hydrophytic Vegetat	ion Indicato	
5			0.0%		1	· Hydrologic Vegetation	
6			0.0%		2 - Dominance Te		
7			0.0%		3 - Prevalence In		
8.———			0.0%			Adaptations ¹ (Provide s	unnorti
9			0.0%		data in Remar	ks or on a separate shee	et)
11		0	0.0%		5 - Wetland Non-	Vascular Plants ¹	
		73	= Total Cove	er	Problematic Hydr	ophytic Vegetation ¹ (Exp	plain)
Voody Vine Stratum (Plot size:		0	0.0%		¹ Indicators of hydric be present, unless di	soil and wetland hydrol sturbed or problematic.	logy must
2.			0.0%		Hydrophytic		
					Vegetation	6 0	
		0	= Total Cove	er 🗀	Present? Yes	● No ○	
% Bare Ground in Herb Stratum: 0	96		= Total Cove	er	Present? Yes	● No ∪	

^{*}Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

PEND OREILLE LAKE AREA

Wester

US Army Corps of Engineers

Sampling Point: DP S 12

Depth	Matr				dox Features	-	
(inches) C	olor (moist)			Color (moist)	Type ¹	Loc2	Texture Remarks
0-4 10	YR 3/2	2 100)%				Silt Loam
4-16 10)YR 3/3	3 100)%				cobbly loam
							· · · · · · · · · · · · · · · · · · ·
pe: C=Concentra	tion. D=Dep	letion. RM:	=Reduced	Matrix, CS=Cove	red or Coated Sand Gra	ins ² Loca	ation: PL=Pore Lining. M=Matrix
dric Soil Indica	tors: (App	licable to	all LRRs,	unless otherw	ise noted.)		Indicators for Problematic Hydric Soils ³ :
Histosol (A1)				Sandy Redox			2 cm Muck (A10)
Histic Epipedon	•			Stripped Mat	` '	MIDA 1	Red Parent Material (TF2)
Black Histic (A3					y Mineral (F1) (except i d Matrix (F2)	1 MLKA 1)	Other (Explain in Remarks)
Hydrogen Sulfid		- (411)		Depleted Ma			
Depleted Below Thick Dark Surf		e (AII)		Redox Dark			³ Indicators of hydrophytic vegetation and
Sandy Muck Mi	, ,				rk Surface (F7)		wetland hydrology must be present,
Sandy Gleyed N	` '			Redox depre	ssions (F8)		unless disturbed or problematic.
strictive Layer		:					
Туре:	(p)						
Depth (inches):							Hydric Soil Present? Yes No 💿
marks:							
/drology	Indianto						
imary Indicator	-		equired:	check all that a	ingly)		Secondary Indicators (minimum of two require
Surface Water		T OF OTIC !	cquirco,		ned Leaves (B9) (excep	t MLRA	Water-Stained Leaves (B9) (MLRA 1, 2,
High Water Ta	` '			1, 2, 4A, a			4A, and 4B)
Saturation (A3				Salt Crust	(B11)		Drainage Patterns (B10)
Water Marks (Aquatic In	vertebrates (B13)		Dry Season Water Table (C2)
Sediment Dep	-				Sulfide Odor (C1)		Saturation Visible on Aerial Imagery (C9)
Drift deposits				Oxidized R	hizospheres on Living R	oots (C3)	Geomorphic Position (D2)
Algal Mat or C	rust (B4)			Presence of	of Reduced Iron (C4)		Shallow Aquitard (D3)
Iron Deposits				Recent Iro	n Reduction in Tilled Sc	ils (C6)	FAC-neutral Test (D5)
Surface Soil Cr	acks (B6)			Stunted or	Stressed Plants (D1) (I	RR A)	Raised Ant Mounds (D6) (LRR A)
Inundation Vis	ible on Aeria	l Imagery	(B7)	Other (Exc	olain in Remarks)		Frost Heave Hummocks (D7)
Sparsely Vege	ated Concav	e Surface	(B8)		,		
eld Observation							
rface Water Pres		Yes 🔾	No 💿	Depth (ii	nches):		
ter Table Presen		Yes O	No 💿	Depth (ii			
turation Present?		res O	No 💿	Depth (ii		Wetl	and Hydrology Present? Yes O No 🖲
ncludes capillary f escribe Recorde	muej				hotos, previous inspe	ctions), i	f available:
	(000	ga ag	,_,	, a a p		,,	
marks:							
marks: hydrologic ind	icators - plo	ot located	l about 6'	higher than ac	ljacent oxbow. No e	vidence o	f ponding.
	icators - plo	ot located	l about 6'	higher than ac	ljacent oxbow. No e	vidence o	f ponding. NT OF LANDS

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region daho Club NEW (RP03174000020A) - Trestle Creek City/County: Bonner Sampling Rates

	Trestle Creek	City/County:_	bonner	Sampling Date: 27-Oct-22
Applicant/Owner: The Idaho Club				State: ID Sampling Point: DP S 13
Investigator(s): Tom Duebendorfer, PWS		Section, To	wnship, R	Range: S 16 T 57N R 1E
Landform (hillslope, terrace, etc.): Lowland				convex, none): concave Slope: 0.0 % / 0.
Subregion (LRR): LRR E	Lat.: 48	3.283005		Long.: -116.354046 Datum: WGS 84
Soil Map Unit Name: Bonner silt loam				NWI classification: "water"
re climatic/hydrologic conditions on the site typical	for this time of year	·? Yes	● No (
Are Vegetation . , Soil . , or Hydrology				Normal Circumstances" present? Yes No No
Are Vegetation 🔲 , Soil 🔲 , or Hydrology				·
, ,,				eded, explain any answers in Remarks.) Cations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes O No	•		Sampled /	
Hydric Soil Present? Yes O No	•		-	Van O Na 📵
Wetland Hydrology Present? Yes O No	•	within	a Wetland	d? TES O NO O
Remarks:		<u> </u>		
None of required parameters observed. Plot is no	t in a wetland. Abou	ut 10' higher ti	han lake o	on top of peninsula. Photo DP S 13.
VEGETATION - Use scientific names of	of plants.	Dominant _Species? _		
Tree Stratum (Plot size: 30'	Absolute % Cover	Rel.Strat. I	ndicator	Dominance Test worksheet:
1 Populus balsamifera	30		FAC	Number of Dominant Species
2.		0.0%	FAC	That are OBL, FACW, or FAC: 2 (A)
3		0.0%		Total Number of Dominant
4	0	0.0%	·/	Species Across All Strata: 4 (B)
	30	= Total Cover	11	Percent of dominant Species
Sapling/Shrub Stratum (Plot size: 20')	rotal corel		That Are OBL, FACW, or FAC: 50.0% (A/B)
1 Rosa canina		50.0%	<u>UP</u> L	Prevalence Index worksheet:
2. Cornus alba	10	50.0%	FACW	Total % Cover of: Multiply by:
3		0.0%	- E	OBL species 0 x 1 = 0
4				FACW species 13 x 2 = 26
5				FAC species $35 \times 3 = 105$
Herb Stratum (Plot size: 0.1 ac		= Total Cover	•	FACU species $65 \times 4 = 260$
1 Tanacetum vulgare	60	✓ _72.3%	FACU	UPL species $\frac{20}{}$ x 5 = $\frac{100}{}$
2. Centaurea maculosa	10		UPL	Column Totals: 133 (A) 491 (B)
3_Festuca rubra	5		FAC	Prevalence Index = B/A = 3.692
4_Hypericum perforatum	5	6.0%	FACU	
5_Phalaris arundinacea	3	3.6%	FACW	Hydrophytic Vegetation Indicators:
6		0.0%		☐ 1 - Rapid Test for Hydrologic Vegetation☐ 2 - Dominance Test is > 50%
7		0.0%		3 - Prevalence Index is ≤ 3.0 ¹
8		0.0%		
9		0.0%		4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
11		0.0%		5 - Wetland Non-Vascular Plants 1
14.		= Total Cover		Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)				Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1,		0.0%		
2		0.0%		Hydrophytic
2				Vegetation \sim
2	0	= Total Cover		Vegetation Present? Yes ○ No [®]
2	0			

^{*}Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Color (moist) Most Color (moist) Most Color (moist) Most Type	Silt Loam cobbly loam ains 2Location: PL=Pore Lining. M=Matrix Indicators for Problematic Hydric Soils3: 2 cm Muck (A10)
ype: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Gra ydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A2) Black Histic (A3) Sandy Redox (S5) Stripped Matrix (S6) Loamy Mucky Mineral (F1) (except in	cobbly loam ains ² Location: PL=Pore Lining. M=Matrix Indicators for Problematic Hydric Soils ³ :
ype: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Gra ydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Sandy Redox (S5) Stripped Matrix (S6) Loamy Mucky Mineral (F1) (except in	ains ² Location: PL=Pore Lining. M=Matrix Indicators for Problematic Hydric Soils ³ :
ydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histoc Epipedon (A2) Black Histic (A3) Sandy Redox (S5) Stripped Matrix (S6) Loamy Mucky Mineral (F1) (except in	Indicators for Problematic Hydric Soils ³ :
Histosol (A1) Histosol (A2) Black Histic (A3) Applicable to all LRRs, unless otherwise noted.) Sandy Redox (S5) Stripped Matrix (S6) Loamy Mucky Mineral (F1) (except in	Indicators for Problematic Hydric Soils ³ :
Histosol (A1) Histosol (A2) Black Histic (A3) CApplicable to all LRRs, unless otherwise noted.) Sandy Redox (S5) Stripped Matrix (S6) Loamy Mucky Mineral (F1) (except in	Indicators for Problematic Hydric Soils ³ :
Histosol (A1) Histosol (A2) Black Histic (A3) CApplicable to all LRRs, unless otherwise noted.) Sandy Redox (S5) Stripped Matrix (S6) Loamy Mucky Mineral (F1) (except in	Indicators for Problematic Hydric Soils ³ :
Adric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A2) Black Histic (A3) Author Soil Loamy Mucky Mineral (F1) (except in	Indicators for Problematic Hydric Soils ³ :
Adric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A2) Black Histic (A3) Author Soil Loamy Mucky Mineral (F1) (except in	Indicators for Problematic Hydric Soils ³ :
Histosol (A1) Sandy Redox (S5) Histic Epipedon (A2) Black Histic (A3) Sandy Redox (S5) Stripped Matrix (S6) Loamy Mucky Mineral (F1) (except in	
Histic Epipedon (A2) Black Histic (A3) Stripped Matrix (S6) Loamy Mucky Mineral (F1) (except in	L 2 CM Mack (A10)
Black Histic (A3) Loamy Mucky Mineral (F1) (except in	
	Red Parent Material (TF2)
Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2)	n MLRA 1) Uther (Explain in Remarks)
D n-t- n-t s-f (50)	3
Trick bark Surface (A12)	³ Indicators of hydrophytic vegetation and
Sally Muck Milleral (31)	wetland hydrology must be present, unless disturbed or problematic.
Sandy Gleyed Matrix (S4) Redox depressions (F8)	unicas disturbed or problemade.
strictive Layer (if present):	
Type:	Hydric Soil Present? Yes No
marks:	
drology etland Hydrology Indicators:	
imary Indicators (minimum of one required; check all that apply)	Secondary Indicators (minimum of two require
Surface Water (A1) Water-Stained Leaves (B9) (exception of the Water Table (A2) 1, 2, 4A, and 4B)	ot MLRA Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
High Water Table (A2) 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)
Drift deposits (B3) Oxidized Rhizospheres on Living R	
Algal Mat or Crust (B4) Presence of Reduced Iron (C4)	Shallow Aquitard (D3)
Iron Deposits (B5) Recent Iron Reduction in Tilled So	oils (C6)
Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (L	LRR A) Raised Ant Mounds (D6) (LRR A)
Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks)	Frost Heave Hummocks (D7)
1	
Sparsely Vegetated Concave Surface (B8)	
eld Observations:	20
eld Observations:]
eld Observations: Inface Water Present? Yes No Depth (inches):	Mothand Hudrology Brossets Ves No. (9)
eld Observations: Inface Water Present? Yes No Depth (inches): Interact Table Present? Inturation Present? Includes capillary fringe) No Depth (inches): Includes Capillary fringe)	 Wetland Hydrology Present? Yes ○ No •
eld Observations: Inface Water Present? Yes No Depth (inches): Interaction Present? Intuition Present? Includes capillary fringe) Populary fringe No Depth (inches): Includes Capillary fringe]
eld Observations: Inface Water Present? Yes No Depth (inches): Intace Water Present? Yes No Depth (inches): Intuition Present? Yes No Depth (inches): Intuition Present?]

US Army Corps of Engineers

MAY $1\ 3\ 2024$ Western Mountains, Valleys, and Coast - Version 2.0

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Project/Site: The Idaho Club NEW (RP03174000020A) - Trestle Creek City/County: Bonner Sampling Date: 27-Oct-22 Applicant/Owner: The Idaho Club State: ID Sampling Point: Investigator(s): Tom Duebendorfer, PWS Section, Township, Range: S 16 **T** 57N Landform (hillslope, terrace, etc.): Lowland Local relief (concave, convex, none): concave Slope: 0.0%/ Subregion (LRR): LRR E Lat.: 48.283460 Long.: -116.354016 Datum: WGS 84 Soil Map Unit Name: Bonner silt loam NWI classification: none Are climatic/hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.) , Soil 🔲 Are Vegetation 🔲 , or Hydrology significantly disturbed? Yes 💿 No O Are "Normal Circumstances" present? Are Vegetation , Soil 🔲 , or Hydrology $\ \square$ naturally problematic? (If needed, explain any answers in Remarks.) Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc. Yes **Hydrophytic Vegetation Present?** Is the Sampled Area Yes O No 💿 **Hydric Soil Present?** Yes O No 💿 within a Wetland? Yes 🔾 No 💿 Wetland Hydrology Present? Remarks: Vegetation is hydrophytic though some hydrophytes are at the base of the slope to the lake (overhanging). No hydric soils or hydrologic indicators. Plot is not in a wetland. About 6'+ higher than lake (dry now) on top of peninsula (narrow spit of land). Photo DP S 14. **VEGETATION** - Use scientific names of plants. **Dominant** Species? Absolute Rel.Strat. Indicator **Dominance Test worksheet:** Tree Stratum (Plot size: 30' % Cover Cover Status Number of Dominant Species 1. Populus balsamifera 75 ✓ 100.0% FAC That are OBL, FACW, or FAC: (A) 0.0% Total Number of Dominant 0.0% Species Across All Strata: 6 (B) O 0.0% Percent of dominant Species = Total Cover 66.7% Sapling/Shrub Stratum (Plot size: 20') That Are OBL, FACW, or FAC: (A/B) 1 Symphoricarpos albus ✓ 35.7% FACU Prevalence Index worksheet: 2. Cornus alba 3 21.4% FACW Total % Cover of: Multiply by: 3. Populus balsamifera **2**1.4% 3 OBL species x 1 =4. Amelanchier alnifolia 3 **2**1.4% FACU FACW species 3 6 0.0% 123 369 FAC species x 3 = 13 14 = Total Cover 52 FACU species Herb Stratum (Plot size: 0.1 ac 5 **UPL** species 1 Agrostis stolonifera ✓ 63.6% 35 144 452 (B) Column Totals: (A) Elymus repens 10 18.2% FAC Centaurea maculosa 5 9.1% UPL Prevalence Index = B/A = 3.139 4 Hypericum perforatum 3 5.5% FACU **Hydrophytic Vegetation Indicators:** 5_Verbascum thapsus 3.6% 1 - Rapid Test for Hydrologic Vegetation 0.0%

0.0%

0.0%

0.0%

= Total Cover

0.0%

= Total Cover

IDAHO DEPARTMENT OF

0.0%

0

0

0

55

0

0

Vegetation is hydrophytic - dominance test met. MAY 1 3 2024

Woody Vine Stratum (Plot size:

% Bare Ground in Herb Stratum: 0

11-

igsqcup 5 - Wetland Non-Vascular Plants 1

Hydrophytic Vegetation

Present?

4 - Morphological Adaptations 1 (Provide supporting

data in Remarks or on a separate sheet)

¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Problematic Hydrophytic Vegetation 1 (Explain)

Yes

No

^{*}Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

(inches)	Color (r	noist)	_%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-4	10YR	3/2	100%					Silt Loam	
4-16	10YR	3/3	100%	7.7				cobbly loam	
					·				
vpe: C=Cor	 centration. D	=Depletio	n. RM=Redu	ced Matrix, CS=Covere	ed or Coat	ted Sand G	rains ² Loc	ation: PL=Pore Lining, M=N	Matrix
71				Rs, unless otherwis				Indicators for Proble	ematic Hydric Soils ³ :
Histosol (Sandy Redox				2 cm Muck (A10)	
] Histic Epi	pedon (A2)			Stripped Matri	x (S6)			Red Parent Materi	al (TF2)
Black His	tic (A3)			Loamy Mucky			in MLRA 1)	Other (Explain in I	Remarks)
¬ ' -	n Sulfide (A4)			Loamy Gleyed		-2)			
	Below Dark S		11)	☐ Depleted Matr		:\		2	
_	rk Surface (A:	,		Depleted Dark		-	i i	³ Indicators of hydrophyt wetland hydrology m	
	uck Mineral (S			Redox depres		• •		unless disturbed or p	
	eyed Matrix (
	ayer (if pre	sent):							
Type:	1 5							Hydric Soil Present?	Yes O No 💿
Depth (in	nes):								
	licators								
hydric inc	у								
-	Y drology Ind		one require	ed: check all that ar	nnly)			Secondary Indic	ators (minimum of two require
ydrolog etland Hy	y drology Indi icators (min		one require	ed; check all that ap		s (B9) (exce	ent MIRA		ators (minimum of two require
ydrolog etland Hy rimary Ind	y drology Indi icators (min Water (A1)	imum of	one require	ed; check all that ap Water-Stain 1, 2, 4A, an	ed Leaves	s (B9) (exce	ept MLRA		ators (minimum of two require
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US Army Corps of Engineers

Western Mountains, Valleys, and Coast - Version 2.0

MAY 1 3 2024

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region Project/Site: The Idaho Club NEW (RP03174000020A) - Trestle Creek City/County: Bonner Sampling Date: 27-Oct-22 Applicant/Owner: The Idaho Club State: ID Sampling Point: **DPS15** Investigator(s): Tom Duebendorfer, PWS Section, Township, Range: S 16 **T** 57N Landform (hillslope, terrace, etc.): Lowland Local relief (concave, convex, none): concave Slope: 0.0%/ Subregion (LRR): LRR E Lat.: 48.283113 Long.: -116.353821 Datum: WGS 84 Soil Map Unit Name: Bonner silt loam NWI classification: none Are climatic/hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.) Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? No O , or Hydrology $\ \square$ naturally problematic? Are Vegetation , Soil (If needed, explain any answers in Remarks.) Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc. **Hydrophytic Vegetation Present?** Yes O No 💿 Is the Sampled Area No 💿 Yes O **Hydric Soil Present?** Yes O No o within a Wetland? Yes O No 💿 Wetland Hydrology Present? Remarks: None of required parameters observed. Plot is not in a wetland. Photo DP S 15. **VEGETATION** - Use scientific names of plants. Dominant Species? Absolute Rel.Strat. Indicator **Dominance Test worksheet:** Tree Stratum (Plot size: 30' % Cover Cover Status Number of Dominant Species 1. Alnus incana **1**00.0% 10 FACW That are OBL, FACW, or FAC: (A) 0.0%

3		0.0%	Total Number of Dominant Species Across All Strata:	3	(B)
4	0	0.0%			(-)
Sapling/Shrub Stratum (Plot size: 20')	10	= Total Cover	Percent of dominant Species That Are OBL, FACW, or FAC:	33.3%	(A/B)
1. Symphoricarpos albus	20	✓ 64.5% FACU	Prevalence Index worksheet:		
2. Rosa canina	5	16.1%UPL	Total % Cover of: Mul	Iltiply by:	
3. Populus balsamifera	3		OBL species 0 x 1		_
4. Cornus alba	3	9.7% FACW	FACW species 13 x 2	2 = 26	
5		0.0%	FAC species 3 x 3		
	31	= Total Cover		,	
Herb Stratum (Plot size: 0.1 ac	- 31	- Iotal Corci	FACU species 100 x 4	25	
1 Tanacetum vulgare	80	✓ 100.0% FACU	x 3	· =	
2		0.0%	Column Totals: 121 (A)	460	(B)
3		0.0%	Prevalence Index = B/A =	3.802	
4		0.0%			
5		0.0%	Hydrophytic Vegetation Indicator		
6	01	0.0%	1 - Rapid Test for Hydrologic \	_	
7		0.0%	2 - Dominance Test is > 50%		
8		0.0%	3 - Prevalence Index is ≤3.0 ¹	1	
9	0	0.0%	4 - Morphological Adaptations	¹ (Provide supr	orting
10-	0	0.0%	data in Remarks or on a se	parate sheet)	
11	0	0.0%	5 - Wetland Non-Vascular Plar	nts ¹	
	80	= Total Cover	Problematic Hydrophytic Vege	tation ¹ (Explain	n)
Woody Vine Stratum (Plot size:)			¹ Indicators of hydric soil and wet	tland hydrology	must
1	0	0.0%	be present, unless disturbed or pr	roblematic.	50
2	0	0.0%	Hydrophytic		
Page 1		T-1-10	Vegetation Var O)	
% Bare Ground in Herb Stratum: 0	EPARTM	ENT OF LANDS	Present? Yes O NO S		
Pomarke					
Vegetation is not hydrophytic - neither test met. Alder and	dogwood	are moted at base of d	long to aybow		
5 Hours of the state of the sta		www.vouccu at past Of St	IODE IO OXDOW:		

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Depth (inches) C	Matrix olor (moist)	— _% — –	Redox Features Color (moist) % Type Loc²	Texture	Remarks
<u>` </u>	•		Coloi (moist) 70 Type Loc-	Silt Loam	Kemarks
	YR 3/2	100%			
4-16 10	YR 3/3	100%		cobbly loam	*
			,,		
					•
vpe: C=Concentra	tion, D=Depletic	n. RM=Reduc	ed Matrix, CS=Covered or Coated Sand Grains 2	Location: PL=Pore Lining, M	 =Matrix
			Rs, unless otherwise noted.)	Indicators for Prob	lematic Hydric Soils ³ :
Histosol (A1)			Sandy Redox (S5)	2 cm Muck (A10)
Histic Epipedon	(A2)		Stripped Matrix (S6)	Red Parent Mate	erial (TF2)
Black Histic (A3)		Loamy Mucky Mineral (F1) (except in MLRA	A 1) Uther (Explain in	n Remarks)
Hydrogen Sulfic	le (A4)		Loamy Gleyed Matrix (F2)		
Depleted Below	Dark Surface (A	(11)	Depleted Matrix (F3)		
Thick Dark Surf	ace (A12)		Redox Dark Surface (F6)	³ Indicators of hydroph	lytic vegetation and
] Sandy Muck Mir	neral (S1)		Depleted Dark Surface (F7)	wetland hydrology	
Sandy Gleyed M	latrix (S4)		Redox depressions (F8)	unless disturbed or	problematic.
strictive Layer	(if present):				
Type:				Hydric Soil Present?	Yes O No 💿
Depth (inches):				Tryunc 3011 Fresence	165 © 110 ©
drology					
etland Hydrolog	66 -22.0%				
etland Hydrolog imary Indicators	(minimum of	one require	d; check all that apply)		
etland Hydrolog imary Indicator Surface Water	(A1)	one require	d; check all that apply) Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)		ned Leaves (B9) (MLRA 1, 2,
etland Hydrolog imary Indicators Surface Water High Water Tal	(A1) ble (A2)	one require	Water-Stained Leaves (B9) (except MLRA	Water-Stain 4A, and 4B	ned Leaves (B9) (MLRA 1, 2,
etland Hydrolog imary Indicator: Surface Water High Water Tal Saturation (A3	(A1) ble (A2)	one require	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)	Water-Stail 4A, and 4B Drainage P	ned Leaves (B9) (MLRA 1, 2,) atterns (B10)
etland Hydrolog imary Indicator: Surface Water High Water Tal Saturation (A3) Water Marks (E	s (minimum of (A1) ple (A2) (B1)	one require	☐ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) ☐ Salt Crust (B11) ☐ Aquatic Invertebrates (B13)	A Water-Stain 4A, and 4B Drainage P Dry Season	ned Leaves (B9) (MLRA 1, 2,) atterns (B10) water Table (C2)
etland Hydrolog imary Indicator: Surface Water High Water Tal Saturation (A3) Water Marks (I Sediment Depo	s (minimum of (A1) ole (A2) B1) ssits (B2)	one require	Water-Stained Leaves (B9) (except MLRA1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1)	Water-Stail 4A, and 4B Drainage P Dry Seasor Saturation	ned Leaves (B9) (MLRA 1, 2,) atterns (B10) water Table (C2) Visible on Aerial Imagery (C9)
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IDAHO DEPARTMENT OF LANDS

US Army Corps of Engineers

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

Project/Site: The Idaho Club NEW (RP	03174000010A) - Trestle (Creek	City/County:	Bonner		Sampling	Date: 27-0	ct-22	
Applicant/Owner: The Idaho Club					State: ID		ing Point:	DP S	16
Investigator(s): Tom Duebendorfer, F	PWS		Section, To	wnship, R		T 57N	R 1E		
Landform (hillslope, terrace, etc.):	Lowland				convex, none): CONC			 0.C % /	0.0
Subregion (LRR): LRR E		Lat.: 48	.284819		Long.: -116.35238			m: WGS 8	4
Soil Map Unit Name: Bonner silt loar						assification: [
re climatic/hydrologic conditions on		time of vear	? Yes	s No		-			_
Are Vegetation, Soil		significantly			Normal Circumstance		Yes ⊙	No O	
Are Vegetation , Soil		naturally pro				•		110	
Summary of Findings - At					eded, explain any an			tures,	etc.
Hydrophytic Vegetation Present?	Yes No			Sampled /					
Hydric Soil Present?	Yes O No 💿			•	0 6				
Wetland Hydrology Present?	Yes O No 💿		Withir	a Wetland	15 160 0 110 0				
Remarks: Vegetation is hydrophytic (FAC-do Photo DP S 16.				tors of hyd	fric soils or wetland h	hydrology. Pl	lot is not in	a wetland	i.
VEGETATION - Use scien	itific names of plan	ts.	Dominant Species?						
Tree Stratum (Plot size: 30'	Ŏ.	Absolute % Cover	Rel.Strat.	Indicator Status	Dominance Test w	orksheet:			
1 Populus balsamifera		40	✓ 100.0%	FAC	Number of Dominant That are OBL, FACW		3	(4)	
2,		_	0.0%		I I I I I I I I I I I I I I I I I I I	, or FAC:		_ (A)	,
3			0.0%		Total Number of Don		5	(D)	
4			0.0%		Species Across All St	idla:		— (B)	1
Sapling/Shrub Stratum (Plot size:	20'	40	= Total Cove	er	Percent of domina That Are OBL, FAC		60.09	6 (A/	′B)
1 Populus balsamifera		10	✓ _76.9%	FAC	Prevalence Index v	worksheet:			
			23.1%	FACU	Total % Cove		ultiply by:		
3			0.0%		OBL species	0 x	1 =	0	
4			0.0%		FACW species	3 x	2 =	6	
5			0.0%		FAC species	105x	3 = 3	15	
Herb Stratum (Plot size: 0.1 ac	A.	13	= Total Cove	:r	FACU species	68 x	4 = 2	72	
1 Tanacetum vulgare		C.F.	✓ 52.4%	FACU	UPL species	x	5 =	5	
2 Festuca rubra			✓ 52.4% ✓ 44.4%	FACU	Column Totals:	_177 (4	s) 59	98 (E	в)
3 Phalaris arundinacea		3	2.4%	FACW	Prevalence Inc		3.379		
4 Veronica persica		· -	0.8%	UPL	Trevalence Inc	JEK BIN -	0.07		
5			0.0%		Hydrophytic Veget				
6		-	0.0%		1 - Rapid Test f			1	
7			0.0%		2 - Dominance				
8.———			0.0%		3 - Prevalence 1				
9			0.0%		4 - Morphologic data in Rema	cal Adaptation arks or on a s			ng
10.————————————————————————————————————			0.0%		5 - Wetland Nor		-	,	
117			= Total Cove		☐ Problematic Hyd	drophytic Vec	etation 1 (E	xplain)	
Woody Vine Stratum (Plot size:		127	_ 10tal Cove		1 Indicators of hyde	ric soil and w	etland hydr	ology mus	st
1,		0	0.0%		be present, unless	disturbed or	problematio		
2		0	0.0%		Hydrophytic Vegetation				
		IDAHO D	E PARAMENA	OF LANDS	Present? Ye	es 💿 No)		
% Bare Ground in Herb Stratum:	0		AV 1 0 1	20.1					
Remarks:		IVI /	AY 13 2	024					
Vegetation is hydrophytic - domina	nce test met.	DEND	DEU -						
		PEND O	REILLE LA	(E AREA					

^{*}Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Depth	Matrix		Redox Features	
(inches) Colo	r (moist)	%	Color (moist) % Type ¹ Loc ²	Texture Remarks
0-4 10YR	3/2	100%		Silt Loam
4-16 10YR	3/3	100%		cobbly loam
			Matrix, CS=Covered or Coated Sand Grains ² Loc	
<u> </u>	rs: (Applical	ble to all LRRs	, unless otherwise noted.)	Indicators for Problematic Hydric Soils ³ :
Histosol (A1)			Sandy Redox (S5)	☐ 2 cm Muck (A10)
Histic Epipedon (A	2)		Stripped Matrix (S6)	Red Parent Material (TF2)
Black Histic (A3)			Loamy Mucky Mineral (F1) (except in MLRA 1)	Other (Explain in Remarks)
∐ Hydrogen Sulfide (Loamy Gleyed Matrix (F2)	
Depleted Below Da	•	11)	Depleted Matrix (F3)	
Thick Dark Surface	(A12)		Redox Dark Surface (F6)	³ Indicators of hydrophytic vegetation and
Sandy Muck Miner	al (S1)		Depleted Dark Surface (F7)	wetland hydrology must be present, unless disturbed or problematic.
Sandy Gleyed Matr	ix (S4)		Redox depressions (F8)	uniess disturbed of problemanc.
strictive Layer (if	present):			
Туре:				Hydric Soil Present? Yes No No
Depth (inches):				1,741.1000.1111.1111.1111.1111.1111.11111.11111.1111
ydrology				
etland Hydrology				
etland Hydrology		one required;	check all that apply)	
etland Hydrology I imary Indicators (I Surface Water (A)	minimum of	one required;	Water-Stained Leaves (B9) (except MLRA	Water-Stained Leaves (B9) (MLRA 1, 2,
etland Hydrology I imary Indicators (Surface Water (A1 High Water Table	minimum of	one required;	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
etland Hydrology I imary Indicators (I Surface Water (AI High Water Table Saturation (A3)	minimum of L) (A2)	one required;	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10)
etland Hydrology I rimary Indicators (I Surface Water (AI High Water Table Saturation (A3) Water Marks (B1)	minimum of L) (A2)	one required;	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry Season Water Table (C2)
etland Hydrology I rimary Indicators (I Surface Water (A1 High Water Table Saturation (A3) Water Marks (B1) Sediment Deposite	minimum of L) (A2) s (B2)	one required;	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry Season Water Table (C2) Saturation Visible on Aerial Imagery (C9)
etland Hydrology I rimary Indicators (I Surface Water (AI High Water Table Saturation (A3) Water Marks (B1) Sediment Deposits Drift deposits (B3)	minimum of (A2) (B2) (B2)	one required;	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2)
rimary Indicators (I Surface Water (AI High Water Table Saturation (A3) Water Marks (B1) Sediment Deposits Drift deposits (B3) Algal Mat or Crust	minimum of (A2) (A2) (S (B2) (B4)	one required;	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3)
etland Hydrology I rimary Indicators (I Surface Water (AI High Water Table Saturation (A3) Water Marks (B1) Sediment Deposits Drift deposits (B3)	minimum of (A2) (A2) (S (B2) (B4)	one required;	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2)
rimary Indicators (I Surface Water (AI High Water Table Saturation (A3) Water Marks (B1) Sediment Deposits Drift deposits (B3) Algal Mat or Crust	minimum of (A2) (S (B2) (B4) (B4)	one required;	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3)
rimary Indicators (I Surface Water (AI High Water Table Saturation (A3) Water Marks (B1) Sediment Deposits Drift deposits (B3) Algal Mat or Crust Iron Deposits (B5)	minimum of (A2) (S (B2) (B4) (S (B4) (S (B6)		Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-neutral Test (D5)
rimary Indicators (Surface Water (AI High Water Table Saturation (A3) Water Marks (B1) Sediment Deposits Drift deposits (B3) Algal Mat or Crust Iron Deposits (B5) Surface Soil Crack	minimum of (A2) (A2) (S (B2) (B4) (S (B6) (D Aerial Image)	agery (B7)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
rimary Indicators (Surface Water (A1 High Water Table Saturation (A3) Water Marks (B1) Sediment Deposits Drift deposits (B3) Algal Mat or Crust Iron Deposits (B5) Surface Soil Crack Inundation Visible Sparsely Vegetate	minimum of (A2) (A2) (S (B2) (B4) (S (B6) (D Aerial Image)	agery (B7)	Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) Salt Crust (B11) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Stunted or Stressed Plants (D1) (LRR A)	Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Drainage Patterns (B10) Dry Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-neutral Test (D5) Raised Ant Mounds (D6) (LRR A)
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Photo DP S1: View north toward Data Plot 1. Dominated mostly by cottonwood (both mature and saplings) with red fescue. Considerable tansy, knapweed, bluegrass, brome, and thimbleberry. Vegetation is not hydrophytic (40% FAC); soils are cobbly loams below shallow silt loam (not hydric); no hydrologic indicators. Plot about 8' higher than adjacent oxbow. Plot not in wetland.



Photo DP S2: View east toward Data Plot 2. Plot is located under large Douglas fir, with orchardgrass, knapweed, and red fescue in groundlayer. Vegetation is not hydrophytic (0% hydrophytes); soils are cobbly loams below shallow silt loam (not hydric); no hydrologic indicators. Plot not in wetland.



Photo DP S3: View north toward Data Plot 3. Plot is located under cottonwood with red fescue, Douglas fir and grandfir saplings, with some snowberry. Vegetation is not hydrophytic (40% hydrophytes); soils are cobbly loams below shallow silt loam (not hydric); no hydrologic indicators. Plot not in wetland.



Photo DP S4: View south toward Data Plot 4. Plot is located under cottonwood (both mature and saplings) with quackgrass, serviceberry, bluegrass, plantain, and meadow fescue. Vegetation is hydrophytic (75% hydrophytes); soils are cobbly loams below shallow silt loam (not hydric); no hydrologic indicators. Plot located much hydric than oxbow. Plot not in wetland.

PEND OREILLE LAKE AREA

Photosheet 1 Trestle Creek Project NEW DATA PLOTS 10/27/22



Photo DP S5: View east toward Data Plot 5. Dominated mostly by one large grandfir with red fescue. Considerable sweet pea and orchardgrass. Vegetation is not hydrophytic (33% FAC); soils are cobbly loams below shallow silt loam (not hydric); no hydrologic indicators. Plot about 6' higher than adjacent oxbow. Plot not in wetland.

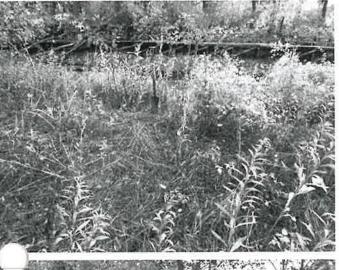


Photo DP S6: View south toward Data Plot 6. Plot is dominated by snowberry and goldenrod. Vegetation is not hydrophytic (33% hydrophytes); soils are cobbly loams below shallow silt loam (not hydric); no hydrologic indicators. Plot not in wetland.



Photo DP S7: View west toward Data Plot 7. Plot contains alder (rooted at base of oxbow, overhanging plot), snowberry and trailing blackberry. Vegetation is not hydrophytic (40% hydrophytes); soils are cobbly loams below shallow silt loam (not hydric); no hydrologic indicators. Plot about 6' higher than adjacent oxbow. Plot not in wetland.



Photo DP S8: View north toward Data Plot 8. Plot contains alder and dogwood (rooted at base of oxbow, overhanging plot), some cottonwood saplings, large amounts of tansy. Vegetation is not hydrophytic (50% hydrophytes); soils are cobbly loams below shallow silt loam (not hydric); no hydrologic indicators. Plot located much higher than oxbow. Plot not in wetland.

MAY **1 3** 2024

PEND OREILLE LAKE AREA

Photosheet 2
Trestle Creek Project
NEW DATA PLOTS
10/27/22



Photo DP S9: View north toward Data Plot 9.
Dominated mostly by one large ornamental maple with red fescue, over Douglas fir and grandfir saplings and tansy. Vegetation is not hydrophytic (25% FAC); soils are cobbly loams below shallow silt loam (not hydric); no hydrologic indicators. Plot about 10' higher than adjacent oxbow on bench. Plot not in wetland.



Photo DP S10: View south toward Data Plot 10. Plot is dominated by cedar and grandfir, over snowberry and goldenrod. Vegetation is not hydrophytic (40% hydrophytes); soils are cobbly loams below shallow silt loam (not hydric); no hydrologic indicators. Plot not in wetland.



Photo DP S11: View south toward Data Plot 11. Plot contains Douglas fir and ornamental maple, over Oregon grape and red fescue. Vegetation is not hydrophytic (40% hydrophytes); soils are cobbly loams below shallow silt loam (not hydric); no hydrologic indicators. Plot about 3' higher than North Branch Trestle Creek (dry now). Plot not in wetland.



Photo DP S12: View east toward Data Plot 12. Plot contains one large cedar with ornamental maple, over red fescue and thimbleberry Vegetation is hydrophytic (67% hydrophytes); soils are cobbly loams below shallow silt loam (not hydric); no hydrologic indicators. Plot about 3' higher than North Branch Trestle Creek (dry now). Plot not in wetlands

MAY 1 3 2024

PEND OREILLE LAKE AREA

Photosheet 3
Trestle Creek Project
NEW DATA PLOTS
10/27/22



Photo DP S13: View southwest toward Data Plot 13. Dominated by cottonwood, dogwood, and rose over considerable amount of tansy. Vegetation is not hydrophytic (50% FAC); soils are cobbly loams below shallow silt loam (not hydric); no hydrologic indicators. Plot about 10' higher than adjacent oxbow on a peninsula. Plot not in wetland.



Photo DP S14: View north toward Data Plot 14. Plot is dominated by cottonwood and bentgrass over snowberry and quackgrass. Vegetation is hydrophytic (67% hydrophytes); soils are cobbly loams below shallow silt loam (not hydric); no hydrologic indicators. Plot about 6' higher than adjacent lake area (dry now). Plot not in wetland.



Photo DP S15: View northeast toward Data Plot 15. Plot contains alder (rooted at base of slope), snowberry, and considerable amounts of tansy. Vegetation is not hydrophytic (33% hydrophytes); soils are cobbly loams below shallow silt loam (not hydric); no hydrologic indicators. Plot about 10' higher than oxbow. Plot not in wetland.



Photo DP S16: View south toward Data Plot 16. Plot contains cottonwood (both mature and saplings) over tansy and red fescue. Vegetation is hydrophytic (60% hydrophytes); soils are cobbly loams below shallow silt loam (not hydric); no hydrologic indicators. Plot not in wetland.

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Photosheet 4
Trestle Creek Project
NEW DATA PLOTS
10/27/22



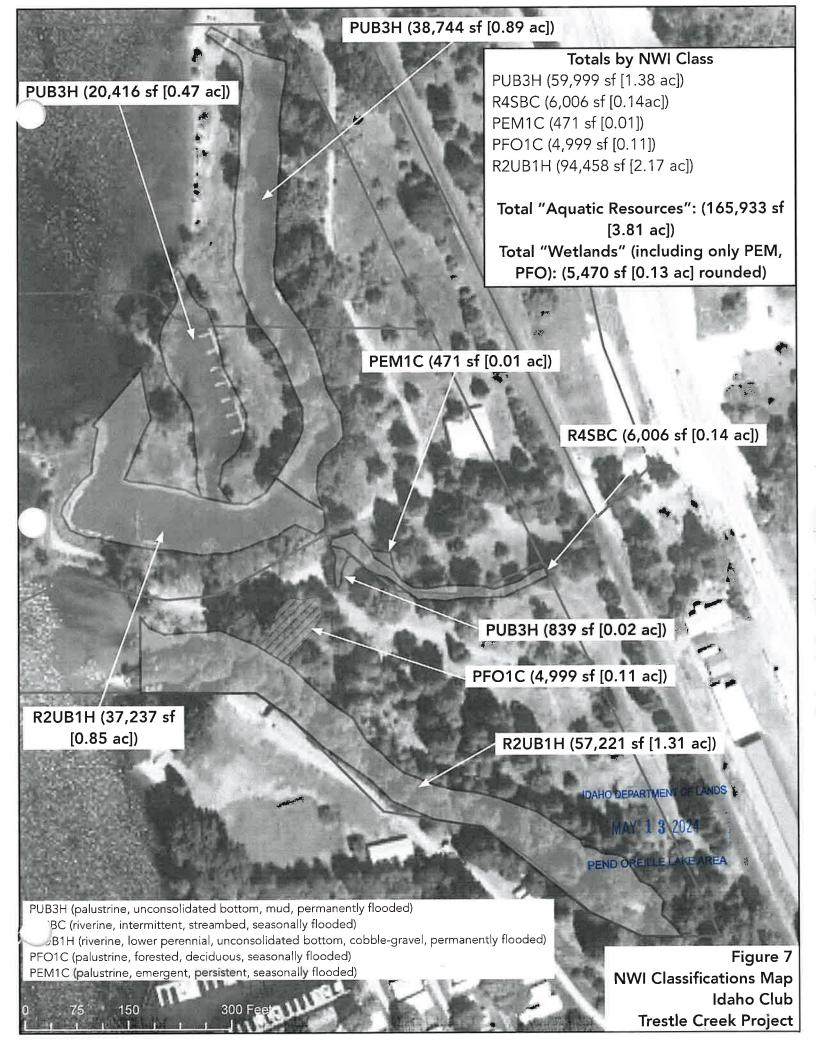
New Ph 2: View east into North Branch Trestle Creek. Dry in October.



New Ph 3: View southeast into Main Branch Trestle Creek.

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