



Booker Grey Environmental, LLC

Consulting Biologist

Aquatic Resource Inventory

**Hill Parcel
6705 N 1000 E
Tetonia, ID 83452**

Prepared for

**Ms. Terri Ann Hill
6705 N 1000 E
Tetonia, ID 83452**

Prepared by

**Booker Grey Environmental, LLC
PO Box 271
Tetonia, Idaho 83452**

27 June 2023

Aquatic Resource Inventory

Introduction

This report is a discussion of the aquatic resource conditions that currently exist on the proposed Hill two lot subdivision parcel. The parcel contains *Priority Wetland Habitat-NWI* as depicted on Teton County GIS. The following information is based upon US Army Corps of Engineers (ACOE) wetland jurisdictional process utilized to determine presence and/or absence of “Waters of the United States” (WOTUS). WOTUS were identified by using the 1987 Wetland Delineation Manual and 2010 Western Mountains, Valleys and Coasts Regional Supplement. Additional resources utilized include Teton County GIS, NRCS Soil Surveys and Google Earth historical aerial photography. This narrative has been arranged in accordance with a request for an approved Jurisdictional Determination (JD). ACOE Data Sheets are in the Appendix.

Site Location

The 80 +/- acre parcel is located at 6705 N 1000 E, Section 30, Township 6N, Range 44E, Teton, Teton County, Idaho (Appendix - Site Location Map).

The site is situated among large agricultural operations, and rural single-family homes. The project site is bounded by County Road N 1000 E to the west, single family homes and farmland to the south, with cultivated cropland north and east.

Existing Vegetation Inventory

The parcel contains several vegetative communities and include,

North Leigh Creek

The southern portion of the parcel contains North Leigh Creek and Merigliano describes this area as deciduous closed tree canopy of *Populus tremuloides* (Quaking aspen) with an understory of three layers, tall shrubs dominated by *Amelanchier alnifolia* (serviceberry) and *Prunus virginiana* (chokecherry), low shrubs dominated by *Symphoricarpo soreophilus* (mountain snowberry), *Rosa woodsii* (Wood’s rose), and *Pachistima myrsenites* (mountainbox). Tall grasses can be abundant in either variant and include *Bromus carinatus* (mountain brome) and *Elymus glaucus* (western ryegrass). *Thalictrum fendleri* (Fendler’s meadowrue) and *Osmorhiza chilensis* are common low forbs in both variants.

Cultivated Cropland

Much of the parcel is primarily cultivated cropland planted and harvested in Timothy hay (*Phelum pratense*) and Kentucky bluegrass (*Poa pratensis*). Other associated species include, *Cirsium arvense* (Canada thistle), and *Potentilla gracilis* (slender cinquefoil).

North Leigh Canal/Irrigation Ditches

The North Leigh Canal is an irrigation ditch which has a north and south fork located in the approximate center and at the northern boundary of the parcel are vegetatively described as Riparian Willow by Merigliano. Common species include *Salix geyeriana*, (Geyers willow), *Cirsium arvense* (Canada thistle), *Junus baltis* (Baltic rush) and *Pas palustria* (fowl bluegrass).

Soils

The Natural Resources Conservation Service USDA - Soil Map of the site includes the following soils in order of dominance (Appendix_Soil Map).

13425	Badgerton-Alpine complex, 2 to 8 percent slopes
13430	Alpine-St. Anthony complex, 0 to 2 percent slopes
13453	Bustle silt loam, 1 to 6 percent slopes

Wetlands and Waters of the US

The NWI map (Appendix_NWI Map) and Teton County GIS Priority_NWI (Appendix- Teton County Natural Resource Overlay) depict wetlands associated with North Leigh Creek and the forks of the North Leigh canal/Irrigation ditch. WOTUS were identified by using the 1987 Wetland Delineation Manual and 2010 Western Mountains, Valleys and Coasts Regional Supplement. These wetland boundaries are shown on the WOTUS Exhibit (Appendix_WOTUS Exhibit) and the landward extent of these waters are mostly contained within the Top of Bank of the North Leigh Creek. ACOE wetland data sheets are included in the Appendix.

The riverine classifications present include North Leigh Creek which enters the parcel near the southeast corner and flows west and continues off site and, the north and south forks of the North Leigh Canal/Irrigation Ditch.

Wetland Hydrology

The hydroperiod associated with the North Leigh Creek wetland/riparian area is seasonal, snowpack dependent and varies widely from year to year. Hydrological indicators are present within the banks of North Leigh Creek and the North Leigh Canal/Irrigation Ditch.

REFERENCES

US Army Corps of Engineers 1987 Wetland Delineation Manual

Merigliano, M. 2009. A Field Manual for Classified Vegetation in the Upper Snake River Valley. TetonRegional Land Trust. Teton County, ID.

Teton County GIS, Natural Resources Overlay, Priority Wetland - NWI

APPENDIX

Site Location Map

NRCS Soil Map

USFWS NWI Map

Teton County Natural Resources

Overlay Priority Wetland_NWI

WOTUS Exhibit







ACOE Data Sheets

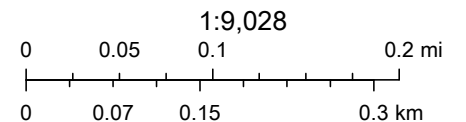
Site Photographs

Hill Parcel - Site Location Map



6/28/2023, 9:48:15 AM

-  County Boundary
-  Impact Area
-  Sections
-  City Boundaries
-  Parcels
-  City Limits



Aerographics, Inc., Teton County GIS, Teton County, ID GIS, GIS, Teton County GIS

Teton County GIS



United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for Teton Area, Idaho and Wyoming

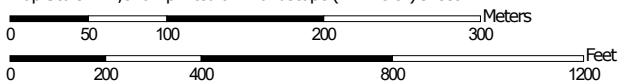
Hill Parcel



Custom Soil Resource Report Soil Map



Map Scale: 1:4,820 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 12N WGS84

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
13425	Badgerton-Alpine complex, 2 to 8 percent slopes	36.6	42.4%
13430	Alpine-St. Anthony complex, 0 to 2 percent slopes	40.2	46.6%
13453	Bustle silt loam, 1 to 6 percent slopes	9.5	11.0%
Totals for Area of Interest		86.4	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

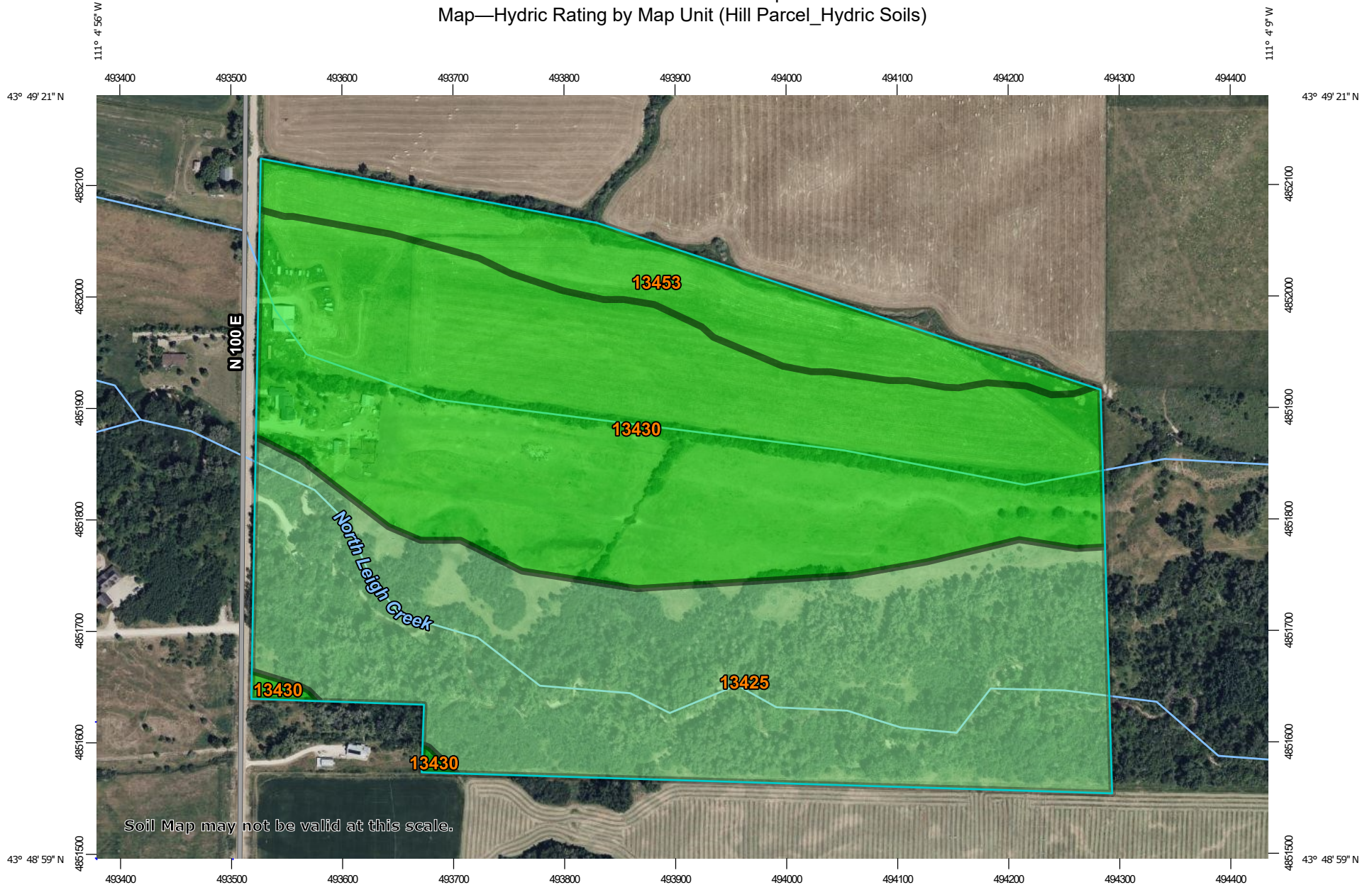
A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

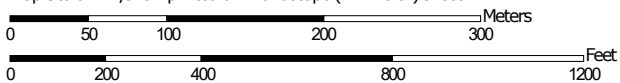
The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or

Custom Soil Resource Report

Map—Hydric Rating by Map Unit (Hill Parcel_Hydric Soils)



Map Scale: 1:4,820 if printed on A landscape (11" x 8.5") sheet.




Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 12N WGS84









MAP LEGEND

Area of Interest (AOI)







 Area of Interest (AOI)

Soils







Soil Rating Polygons

-  Hydric (100%)
-  Hydric (66 to 99%)
-  Hydric (33 to 65%)
-  Hydric (1 to 32%)
-  Not Hydric (0%)
-  Not rated or not available


Soil Rating Lines

-  Hydric (100%)
-  Hydric (66 to 99%)
-  Hydric (33 to 65%)
-  Hydric (1 to 32%)
-  Not Hydric (0%)
-  Not rated or not available






Soil Rating Points

-  Hydric (100%)
-  Hydric (66 to 99%)
-  Hydric (33 to 65%)
-  Hydric (1 to 32%)
-  Not Hydric (0%)
-  Not rated or not available


Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Teton Area, Idaho and Wyoming
 Survey Area Data: Version 11, Sep 2, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jul 20, 2022—Jul 25, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Table—Hydric Rating by Map Unit (Hill Parcel_Hydric Soils)

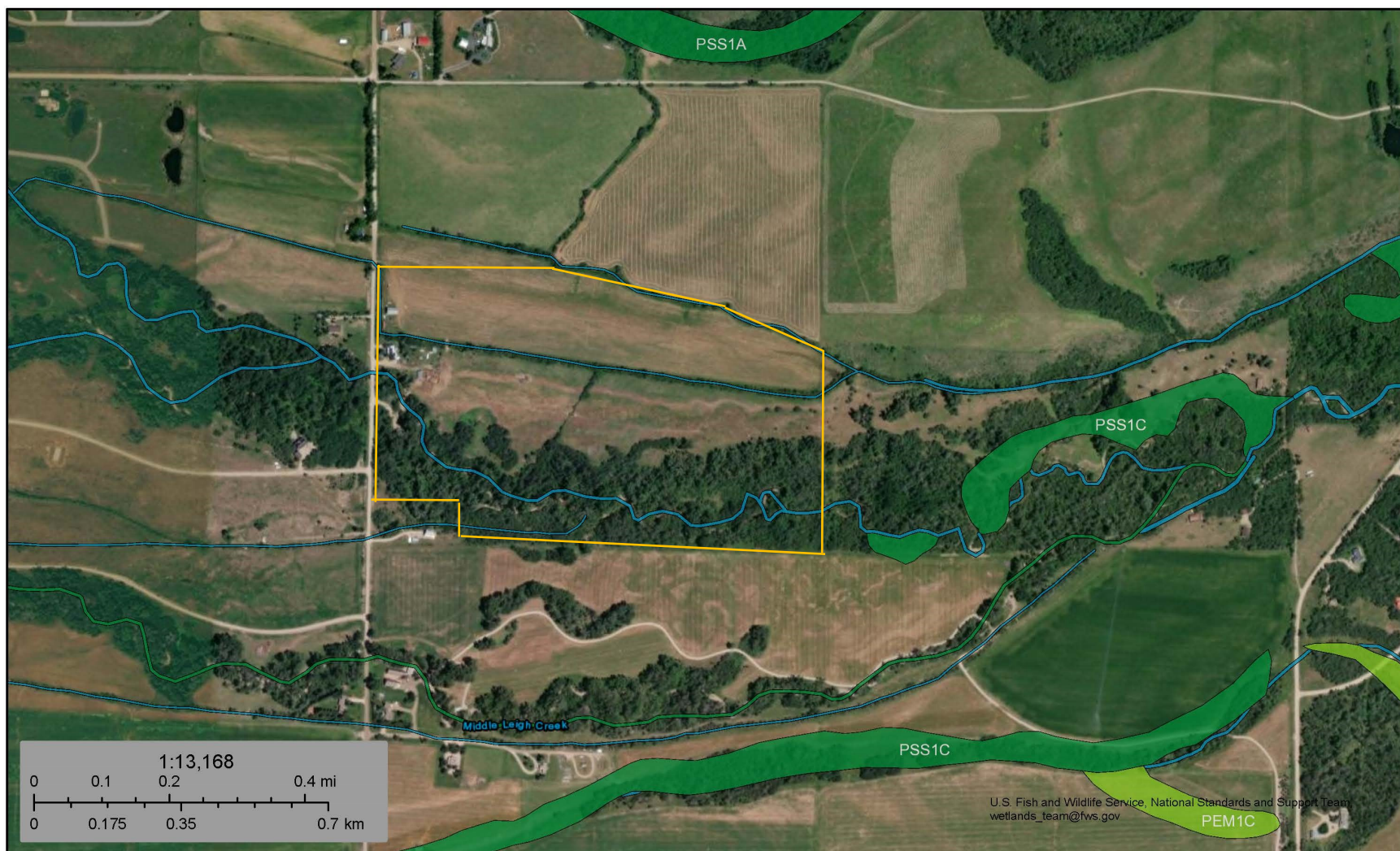
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
13425	Badgerton-Alpine complex, 2 to 8 percent slopes	10	36.6	42.4%
13430	Alpine-St. Anthony complex, 0 to 2 percent slopes	0	40.2	46.6%
13453	Bustle silt loam, 1 to 6 percent slopes	0	9.5	11.0%
Totals for Area of Interest			86.4	100.0%

Rating Options—Hydric Rating by Map Unit (Hill Parcel_Hydric Soils)

Aggregation Method: Percent Present

Component Percent Cutoff: None Specified

Tie-break Rule: Lower



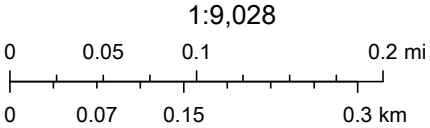
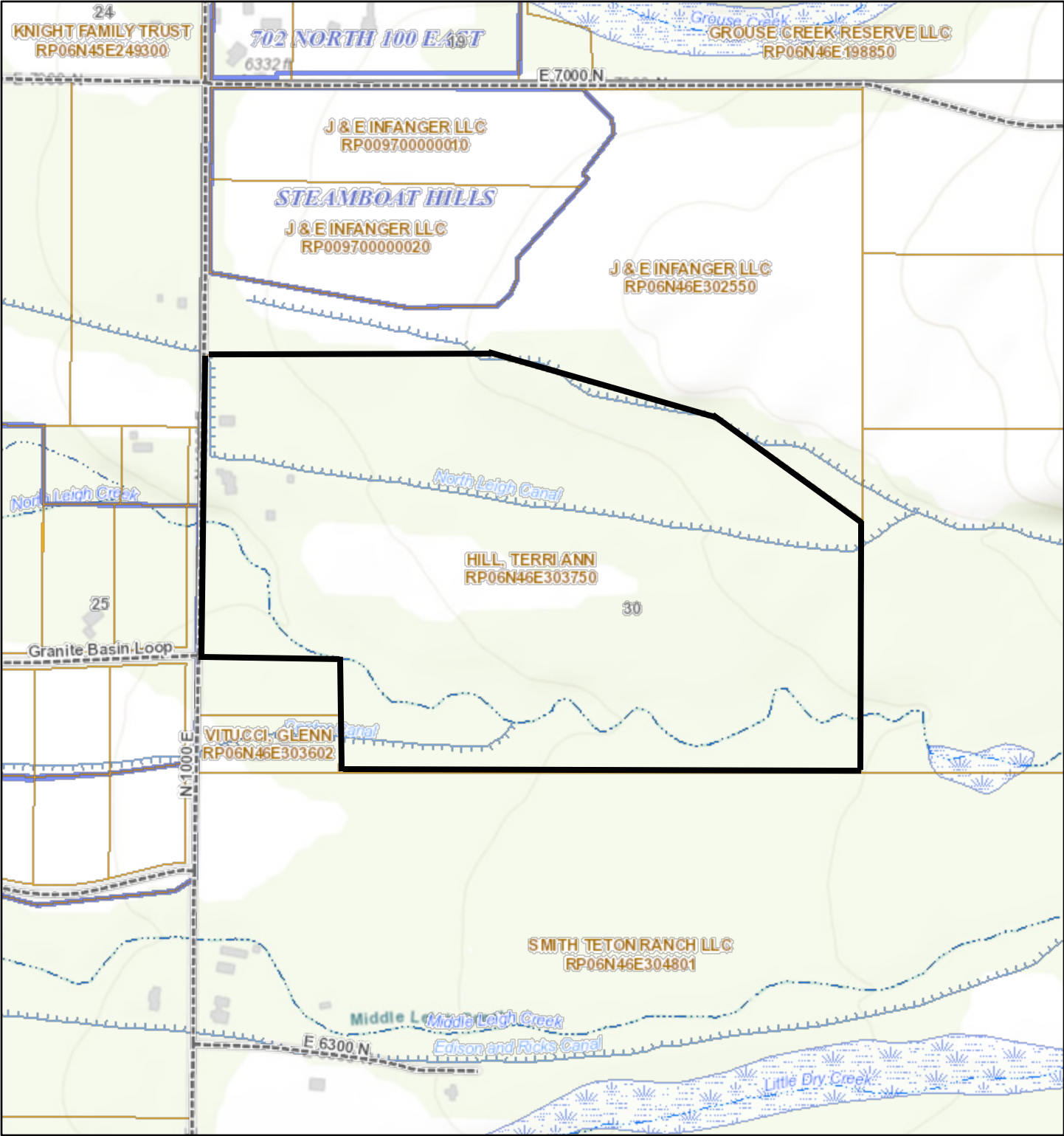
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

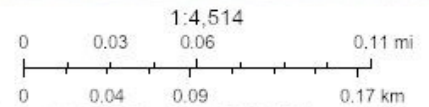
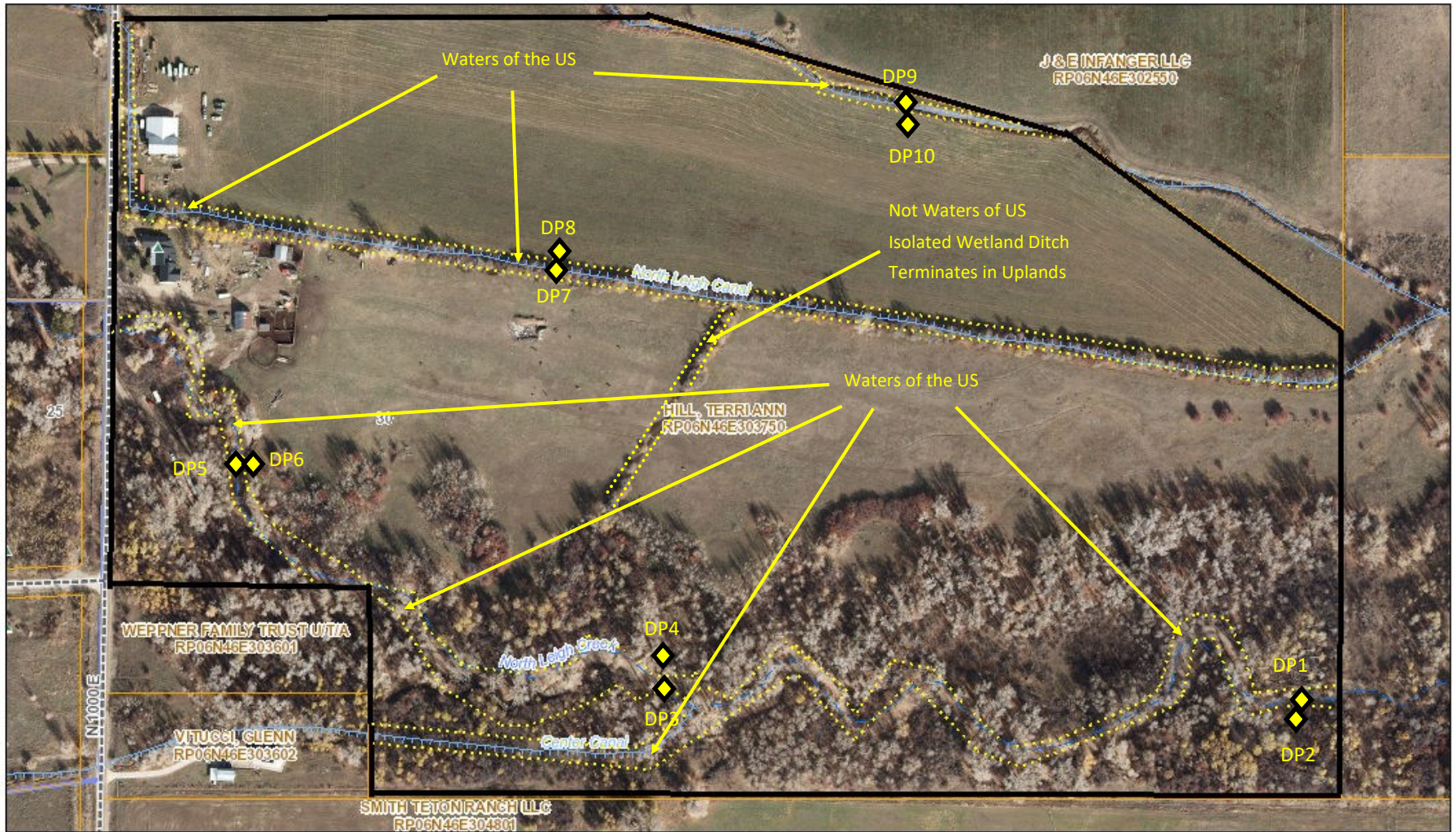
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Hill Parcel _ Teton County Priority Wetland - NWI



Teton County Idaho GIS, Teton County, ID GIS, County of Teton, Bureau of Land Management, Esri Canada, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, EPA, USDA, GIS, Teton County GIS

Hill Parcel _ Waters of the US (WOTUS)



Teton County Idaho GIS, Teton County, ID GIS, GIS, Aero-graphics Geospatial Services, Teton County GIS Dept, Teton County GIS

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

Project/Site: Hill Parcel City/County: Tetonia/Teton Sampling Date: 06/11/23
 Applicant/Owner: Terri Hill State: ID Sampling Point: DP1
 Investigator(s): cb Section, Township, Range: Sec 30, Twn. 6N, Range 44E
 Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): _____ Slope (%): _____
 Subregion (LRR): LRR-E Lat: 43.817818 Long: 111.071088 Datum: WGS84
 Soil Map Unit Name: Badgerton Alpine Complex 0-2% NWI classification: riverine
 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 No
 Are Vegetation _____, Soil _____, or Hydrology _____ 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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Hydric Soil Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
Wetland Hydrology Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
Remarks:					

VEGETATION – Use scientific names of plants.

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	
(Plot size: <u>25sf</u>)				
1. _____				Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A/B)
2. _____				
3. _____				
4. _____				
	_____ = Total Cover			
Sapling/Shrub Stratum				Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species _____ x 1 = _____ FACW species <u>100</u> x 2 = <u>200</u> FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: <u>100</u> (A) <u>200</u> (B) Prevalence Index = B/A = <u>2</u>
(Plot size: <u>25sf</u>)				
1. _____				
2. _____				
3. _____				
4. _____				
5. _____				
	_____ = Total Cover			
Herb Stratum				Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹ <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
(Plot size: <u>25sf</u>)				
1. <u>Equisetum hyemale</u>	100	Y	FACW	
2. _____				
3. _____				
4. _____				
5. _____				
6. _____				
7. _____				
8. _____				
9. _____				
10. _____				
11. _____				
	100 = Total Cover			
Woody Vine Stratum				Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
(Plot size: <u>n/a</u>)				
1. _____				
2. _____				
	_____ = Total Cover			
% Bare Ground in Herb Stratum _____				
Remarks: Wetland Limits at Top of Bank North Leigh Creek				

SOIL

Sampling Point: DP1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-2	10YR2/1						loam	
2-8							gravel	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)			Indicators for Problematic Hydric Soils ³ :		
<input type="checkbox"/> Histosol (A1)	<input type="checkbox"/> Sandy Redox (S5)	<input type="checkbox"/> 2 cm Muck (A10)			
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> Red Parent Material (TF2)			
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Loamy Mucky Mineral (F1) (except MLRA 1)	<input type="checkbox"/> Very Shallow Dark Surface (TF12)			
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)	<input type="checkbox"/> Other (Explain in Remarks)			
<input type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Depleted Matrix (F3)				
<input checked="" type="checkbox"/> Thick Dark Surface (A12)	<input type="checkbox"/> Redox Dark Surface (F6)	³ Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic			
<input type="checkbox"/> Sandy Mucky Mineral (S1)	<input type="checkbox"/> Depleted Dark Surface (F7)				
<input type="checkbox"/> Sandy Gleyed Matrix (S4)	<input type="checkbox"/> Redox Depressions (F8)				

Restrictive Layer (if present): Type: _____ Depth (inches): _____	Hydric Soil Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
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Remarks:

HYDROLOGY

Wetland Hydrology Indicators:			Secondary Indicators (2 or more required)		
Primary Indicators (minimum of one required; check all that apply)			Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)		
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Salt Crust (B11)	<input type="checkbox"/> Aquatic Invertebrates (B13)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)
<input checked="" type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)	<input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1) (LRR A)
			<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)	<input type="checkbox"/> Drainage Patterns (B10)
				<input type="checkbox"/> Dry-Season Water Table (C2)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
				<input type="checkbox"/> Geomorphic Position (D2)	<input type="checkbox"/> Shallow Aquitard (D3)
				<input type="checkbox"/> FAC-Neutral Test (D5)	<input type="checkbox"/> Raised Ant Mounds (D6) (LRR A)
				<input type="checkbox"/> Frost-Heave Hummocks (D7)	

Field Observations: Surface Water Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): 16 Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): _____	Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

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

Project/Site: Hill Parcel City/County: Tetonia/Teton Sampling Date: 06/11/23
 Applicant/Owner: Terri Hill State: ID Sampling Point: DP2
 Investigator(s): cb Section, Township, Range: Sec 30, Twn. 6N, Range 44E
 Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): _____ Slope (%): _____
 Subregion (LRR): LRR-E Lat: 43.817745 Long: 111.071067 Datum: WGS84
 Soil Map Unit Name: Badgerton Alpine Complex 0-2% NWI classification: riverine
 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 No
 Are Vegetation _____, Soil _____, or Hydrology _____ 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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Hydric Soil Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Wetland Hydrology Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Remarks:					

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>25sf</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. <u>Populus tremuloides</u>	100	<input type="checkbox"/>	FACU	Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A)
2. _____				Total Number of Dominant Species Across All Strata: _____ (B)
3. _____				Percent of Dominant Species That Are OBL, FACW, or FAC: _____ (A/B)
4. _____				
_____ = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>25sf</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Prevalence Index worksheet:
1. <u>Prunus virginiana</u>	60	yes	FACU	Total % Cover of: Multiply by:
2. <u>Amelanchier alnifolia</u>	40		FACU	OBL species _____ x 1 = _____
3. _____				FACW species _____ x 2 = _____
4. _____				FAC species _____ x 3 = _____
5. _____				FACU species <u>200</u> x 4 = <u>800</u>
_____ = Total Cover				UPL species _____ x 5 = _____
				Column Totals: <u>200</u> (A) <u>800</u> (B)
				Prevalence Index = B/A = <u>4</u>
Herb Stratum (Plot size: <u>25sf</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Indicators:
1. _____				<input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation
2. _____				<input type="checkbox"/> 2 - Dominance Test is >50%
3. _____				<input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹
4. _____				<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
5. _____				<input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹
6. _____				<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)
7. _____				
8. _____				
9. _____				
10. _____				
11. _____				
100 = Total Cover				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: <u>n/a</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Present?
1. _____				Yes <input type="checkbox"/>
2. _____				No <input checked="" type="checkbox"/>
_____ = Total Cover				
% Bare Ground in Herb Stratum _____				

Remarks: Wetland Limits at Top of Bank North Leigh Creek

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

Project/Site: Hill Parcel City/County: Tetonia/Teton Sampling Date: 06/11/23
 Applicant/Owner: Terri Hill State: ID Sampling Point: DP3
 Investigator(s): cb Section, Township, Range: Sec 30, Twn. 6N, Range 44E
 Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): _____ Slope (%): _____
 Subregion (LRR): LRR-E Lat: 43.817854 Long: 111.076627 Datum: WGS84
 Soil Map Unit Name: Badgerton Alpine Complex 0-2% NWI classification: riverine
 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
 Are Vegetation , Soil , or Hydrology 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 <input type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Hydric Soil Present?	Yes <input type="checkbox"/>	No <input type="checkbox"/>			
Wetland Hydrology Present?	Yes <input type="checkbox"/>	No <input type="checkbox"/>			
Remarks:					

VEGETATION – Use scientific names of plants.

Tree Stratum	Plot size:	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____	<u>25sf</u>)				Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A)
2. _____					Total Number of Dominant Species Across All Strata: <u>1</u> (B)
3. _____					Percent of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A/B)
4. _____					
_____ = Total Cover					
Sapling/Shrub Stratum	Plot size:	Absolute % Cover	Dominant Species?	Indicator Status	Prevalence Index worksheet:
1. _____	<u>25sf</u>)				Total % Cover of: Multiply by:
2. _____					OBL species <u>30</u> x 1 = <u>30</u>
3. _____					FACW species <u>70</u> x 2 = <u>140</u>
4. _____					FAC species _____ x 3 = _____
5. _____					FACU species _____ x 4 = _____
_____ = Total Cover					UPL species _____ x 5 = _____
_____ = Total Cover					Column Totals: <u>100</u> (A) <u>170</u> (B)
					Prevalence Index = B/A = <u>1.7</u>
Herb Stratum	Plot size:	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Indicators:
1. <u>Equisetum hyemale</u>	<u>25sf</u>)	70	Y	FACW	<input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation
2. <u>Eleocharis palustris</u>		30		OBL	<input type="checkbox"/> 2 - Dominance Test is >50%
3. _____					<input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹
4. _____					<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
5. _____					<input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹
6. _____					<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)
7. _____					
8. _____					
9. _____					
10. _____					
11. _____					
100 = Total Cover					¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum	Plot size:	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Present?
1. _____	<u>n/a</u>)				Yes <input checked="" type="checkbox"/>
2. _____					No <input type="checkbox"/>
_____ = Total Cover					
% Bare Ground in Herb Stratum _____					

Remarks: Wetland Limits at Top of Bank North Leigh Creek

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

Project/Site: Hill Parcel City/County: Tetonia/Teton Sampling Date: 06/11/23
 Applicant/Owner: Terri Hill State: ID Sampling Point: DP4
 Investigator(s): cb Section, Township, Range: Sec 30, Twn. 6N, Range 44E
 Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): _____ Slope (%): _____
 Subregion (LRR): LRR-E Lat: 43.817850 Long: 111.076635 Datum: WGS84
 Soil Map Unit Name: Badgerton-Alpine 2-8% slopes NWI classification: riverine
 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 No
 Are Vegetation _____, Soil _____, or Hydrology _____ 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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Hydric Soil Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Wetland Hydrology Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Remarks:					

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>25sf</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. <u>Populus tremuloides</u>	100	yes	FACU	Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A)
2. _____				Total Number of Dominant Species Across All Strata: <u>2</u> (B)
3. _____				Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A/B)
4. _____				
_____ = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>25sf</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Prevalence Index worksheet:
1. <u>Prunus virginiana</u>	60	yes	FACU	Total % Cover of: _____ Multiply by:
2. <u>Amelanchier alnifolia</u>	40		FACU	OBL species _____ x 1 = _____
3. _____				FACW species _____ x 2 = _____
4. _____				FAC species _____ x 3 = _____
5. _____				FACU species <u>200</u> x 4 = <u>800</u>
_____ = Total Cover				UPL species _____ x 5 = _____
100 = Total Cover				Column Totals: <u>200</u> (A) <u>800</u> (B)
				Prevalence Index = B/A = <u>4</u>
Herb Stratum (Plot size: <u>25sf</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Indicators:
1. _____				<input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation
2. _____				<input type="checkbox"/> 2 - Dominance Test is >50%
3. _____				<input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹
4. _____				<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
5. _____				<input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹
6. _____				<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)
7. _____				
8. _____				
9. _____				
10. _____				
11. _____				
_____ = Total Cover				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
100 = Total Cover				
Woody Vine Stratum (Plot size: <u>n/a</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Present?
1. _____				Yes <input type="checkbox"/>
2. _____				No <input checked="" type="checkbox"/>
_____ = Total Cover				
% Bare Ground in Herb Stratum _____				

Remarks: Wetland Limits at Top of Bank North Leigh Creek

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

Project/Site: Hill Parcel City/County: Tetonia/Teton Sampling Date: 06/11/23
 Applicant/Owner: Terri Hill State: ID Sampling Point: DP5
 Investigator(s): cb Section, Township, Range: Sec 30, Twn. 6N, Range 44E
 Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): _____ Slope (%): _____
 Subregion (LRR): LRR-E Lat: 43.818902 Long: 111.07941 Datum: WGS84
 Soil Map Unit Name: Badgerton Alpine Complex 0-2% NWI classification: riverine
 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 No
 Are Vegetation _____, Soil _____, or Hydrology _____ 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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Hydric Soil Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Wetland Hydrology Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Remarks:			

VEGETATION – Use scientific names of plants.

Tree Stratum	Plot size:	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	<u>25sf</u>)				Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A/B)
2. _____					
3. _____					
4. _____					
_____ = Total Cover					
Prevalence Index worksheet:					
Total % Cover of: Multiply by:					
OBL species _____ x 1 = _____					
FACW species <u>100</u> x 2 = <u>200</u>					
FAC species _____ x 3 = _____					
FACU species _____ x 4 = _____					
UPL species _____ x 5 = _____					
Column Totals: <u>100</u> (A) <u>200</u> (B)					
Prevalence Index = B/A = <u>2</u>					
Hydrophytic Vegetation Indicators:					
<input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation					
<input type="checkbox"/> 2 - Dominance Test is >50%					
<input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹					
<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)					
<input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹					
<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)					
¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.					
Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
Remarks: Wetland Limits at Top of Bank North Leigh Creek					

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

Project/Site: Hill Parcel City/County: Tetonia/Teton Sampling Date: 06/11/23
 Applicant/Owner: Terri Hill State: ID Sampling Point: DP6
 Investigator(s): cb Section, Township, Range: Sec 30, Twn. 6N, Range 44E
 Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): _____ Slope (%): _____
 Subregion (LRR): LRR-E Lat: 43.818891 Long: 111.079735 Datum: WGS84
 Soil Map Unit Name: Badgerton-Alpine 2-8% slopes NWI classification: riverine
 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
 Are Vegetation , Soil , or Hydrology 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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Hydric Soil Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Wetland Hydrology Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Remarks:					

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>25sf</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. <u>Populus tremuloides</u>	100	yes	FACU	Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A)
2. _____				Total Number of Dominant Species Across All Strata: <u>2</u> (B)
3. _____				Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A/B)
4. _____				
_____ = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>25sf</u>)				Prevalence Index worksheet:
1. <u>Prunus virginiana</u>	60	yes	FACU	Total % Cover of: _____ Multiply by:
2. <u>Amelanchier alnifolia</u>	40		FACU	OBL species _____ x 1 = _____
3. _____				FACW species _____ x 2 = _____
4. _____				FAC species _____ x 3 = _____
5. _____				FACU species <u>200</u> x 4 = <u>800</u>
_____ = Total Cover				UPL species _____ x 5 = _____
				Column Totals: <u>200</u> (A) <u>800</u> (B)
				Prevalence Index = B/A = <u>4</u>
Herb Stratum (Plot size: <u>25sf</u>)				Hydrophytic Vegetation Indicators:
1. _____				<input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation
2. _____				<input type="checkbox"/> 2 - Dominance Test is >50%
3. _____				<input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹
4. _____				<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
5. _____				<input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹
6. _____				<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)
7. _____				
8. _____				
9. _____				
10. _____				
11. _____				
_____ = Total Cover				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: <u>n/a</u>)				
1. _____				
2. _____				
_____ = Total Cover				
% Bare Ground in Herb Stratum _____				
				Hydrophytic Vegetation Present?
				Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

Remarks: Wetland Limits at Top of Bank North Leigh Creek

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

Project/Site: Hill Parcel City/County: Tetonia/Teton Sampling Date: 06/11/23
 Applicant/Owner: Terri Hill State: ID Sampling Point: DP7
 Investigator(s): cb Section, Township, Range: Sec 30, Twn. 6N, Range 44E
 Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): _____ Slope (%): _____
 Subregion (LRR): LRR-E Lat: 43.820157 Long: 111.078132 Datum: WGS84
 Soil Map Unit Name: Alpine St Anthony 0-2 % slopes NWI classification: riverine
 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
 Are Vegetation , Soil , or Hydrology 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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Hydric Soil Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
Wetland Hydrology Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
Remarks:					

VEGETATION – Use scientific names of plants.

Tree Stratum	Plot size:	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____	<u>25sf</u>)				Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A)
2. _____					Total Number of Dominant Species Across All Strata: <u>1</u> (B)
3. _____					Percent of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A/B)
4. _____					
_____ = Total Cover					
Prevalence Index worksheet:					
Total % Cover of: Multiply by:					
OBL species _____ x 1 = _____					
FACW species <u>180</u> x 2 = <u>360</u>					
FAC species _____ x 3 = _____					
FACU species _____ x 4 = _____					
UPL species _____ x 5 = _____					
Column Totals: <u>180</u> (A) <u>360</u> (B)					
Prevalence Index = B/A = <u>2</u>					
Hydrophytic Vegetation Indicators:					
<input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation					
<input type="checkbox"/> 2 - Dominance Test is >50%					
<input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹					
<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)					
<input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹					
<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)					
¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.					
Hydrophytic Vegetation Present?					
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
Remarks: Wetland Limits at Top of Bank North Leigh Canal					

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

Project/Site: Hill Parcel City/County: Tetonia/Teton Sampling Date: 06/11/23
 Applicant/Owner: Terri Hill State: ID Sampling Point: DP8
 Investigator(s): cb Section, Township, Range: Sec 30, Twn. 6N, Range 44E
 Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): _____ Slope (%): _____
 Subregion (LRR): LRR-E Lat: 43.820300 Long: 111.078123 Datum: WGS84
 Soil Map Unit Name: Alpine-St Anthony 0-2% slopes NWI classification: riverine
 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
 Are Vegetation , Soil , or Hydrology 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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Hydric Soil Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Wetland Hydrology Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Remarks:					

VEGETATION – Use scientific names of plants.

Tree Stratum	Plot size:	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____	<u>25sf</u>)				Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A)
2. _____					Total Number of Dominant Species Across All Strata: <u>2</u> (B)
3. _____					Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0.5</u> (A/B)
4. _____					
_____ = Total Cover					
Sapling/Shrub Stratum	Plot size:	Absolute % Cover	Dominant Species?	Indicator Status	Prevalence Index worksheet:
1. _____	<u>25sf</u>)				Total % Cover of: Multiply by:
2. _____					OBL species <input type="checkbox"/> x 1 = <input type="checkbox"/>
3. _____					FACW species <input type="checkbox"/> x 2 = <input type="checkbox"/>
4. _____					FAC species <u>100</u> x 3 = <u>300</u>
5. _____					FACU species <input type="checkbox"/> x 4 = <input type="checkbox"/>
_____ = Total Cover					UPL species <input type="checkbox"/> x 5 = <input type="checkbox"/>
_____ = Total Cover					Column Totals: <u>100</u> (A) <u>300</u> (B)
					Prevalence Index = B/A = <u>3</u>
Herb Stratum	Plot size:	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Indicators:
1. <u>Phlelum pratense</u>	<u>25sf</u>)	70	Y	FAC	<input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation
2. <u>Poa pratensis</u>		30		FAC	<input type="checkbox"/> 2 - Dominance Test is >50%
3. _____					<input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹
4. _____					<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
5. _____					<input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹
6. _____					<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)
7. _____					
8. _____					
9. _____					
10. _____					
11. _____					
100 = Total Cover					¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum	Plot size:	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Present?
1. _____	<u>n/a</u>)				Yes <input type="checkbox"/>
2. _____					No <input checked="" type="checkbox"/>
_____ = Total Cover					
% Bare Ground in Herb Stratum _____					

Remarks: Wetland Limits at Top of Bank North Leigh Canal

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

Project/Site: Hill Parcel City/County: Tetonia/Teton Sampling Date: 06/11/23
 Applicant/Owner: Terri Hill State: ID Sampling Point: DP9
 Investigator(s): cb Section, Township, Range: Sec 30, Twn. 6N, Range 44E
 Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): _____ Slope (%): _____
 Subregion (LRR): LRR-E Lat: 43.821005 Long: 111.074459 Datum: WGS84
 Soil Map Unit Name: Bustle silt loam NWI classification: riverine
 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 No
 Are Vegetation _____, Soil _____, or Hydrology _____ 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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Hydric Soil Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
Wetland Hydrology Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
Remarks:					

VEGETATION – Use scientific names of plants.

Tree Stratum	Plot size:	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____	<u>25sf</u>)				Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A)
2. _____					Total Number of Dominant Species Across All Strata: <u>1</u> (B)
3. _____					Percent of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A/B)
4. _____					
_____ = Total Cover					
Prevalence Index worksheet:					
Total % Cover of: Multiply by:					
OBL species <u>20</u> x 1 = <u>20</u>					
FACW species <u>80</u> x 2 = <u>160</u>					
FAC species _____ x 3 = _____					
FACU species _____ x 4 = _____					
UPL species _____ x 5 = _____					
Column Totals: <u>100</u> (A) <u>180</u> (B)					
Prevalence Index = B/A = <u>1.8</u>					
Hydrophytic Vegetation Indicators:					
<input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation					
<input type="checkbox"/> 2 - Dominance Test is >50%					
<input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹					
<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)					
<input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹					
<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)					
¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.					
Hydrophytic Vegetation Present?					
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
Remarks: Wetland Limits at Top of Bank North Leigh Canal (North Fork)					

Remarks: Wetland Limits at Top of Bank North Leigh Canal (North Fork)

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

Project/Site: Hill Parcel City/County: Tetonia/Teton Sampling Date: 06/11/23
 Applicant/Owner: Terri Hill State: ID Sampling Point: DP10
 Investigator(s): cb Section, Township, Range: Sec 30, Twn. 6N, Range 44E
 Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): _____ Slope (%): _____
 Subregion (LRR): LRR-E Lat: 43.821075 Long: 111.074456 Datum: WGS84
 Soil Map Unit Name: Bustle silt loam 1-6% slopes NWI classification: riverine
 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 No
 Are Vegetation _____, Soil _____, or Hydrology _____ 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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Hydric Soil Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Wetland Hydrology Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Remarks:					

VEGETATION – Use scientific names of plants.

Tree Stratum	Plot size:	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____	<u>25sf</u>)			FACU	Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A)
2. _____					Total Number of Dominant Species Across All Strata: <u>1</u> (B)
3. _____					Percent of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A/B)
4. _____					
_____ = Total Cover					
Sapling/Shrub Stratum	Plot size:	Absolute % Cover	Dominant Species?	Indicator Status	Prevalence Index worksheet:
1. _____	<u>25sf</u>)				Total % Cover of: Multiply by:
2. _____					OBL species _____ x 1 = _____
3. _____					FACW species _____ x 2 = _____
4. _____					FAC species <u>100</u> x 3 = <u>300</u>
5. _____					FACU species _____ x 4 = _____
_____ = Total Cover					UPL species _____ x 5 = _____
_____ = Total Cover					Column Totals: <u>100</u> (A) <u>300</u> (B)
					Prevalence Index = B/A = <u>3</u>
Herb Stratum	Plot size:	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Indicators:
1. <u>Phlelum pratense</u>	<u>25sf</u>)	100	Y	FAC	<input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation
2. _____					<input type="checkbox"/> 2 - Dominance Test is >50%
3. _____					<input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹
4. _____					<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
5. _____					<input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹
6. _____					<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)
7. _____					
8. _____					
9. _____					
10. _____					
11. _____					
_____ = Total Cover					¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum	Plot size:	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Present?
1. _____	<u>n/a</u>)				Yes <input type="checkbox"/>
2. _____					No <input checked="" type="checkbox"/>
_____ = Total Cover					
% Bare Ground in Herb Stratum _____					

Remarks: Wetland Limits at Top of Bank North Leigh Canal

