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FORM 202 Rev. 09/16

JUL 28 2021

DEPARTMENT OF
WATER RESOURCES

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of Idaho

Ident. No. 13-8081

1. Name of applicant(s) U.S. Fish and Wildlife Service Phone 503-231-6206

Name connector (check one): ☐ and ☐ or ☐ and/or

Mailing address 911 NE 11th Avenue City Portland

State OR ZIP 97232 Email joanne_wallis@fws.gov

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2. Name of representative, if any Joanne Wallis, Hydrologist Water Resources Branch Phone _____

Mailing address same as above City _____

AUG 02 2021

State _____ ZIP _____ Email _____

Department of Water Resources
Eastern Region

a. ☒ Send all correspondence for this application to the representative and not to the applicant OR
☐ Send original correspondence to the applicant and copies to the representative.

b. ☐ The representative may submit information for the applicant but is not authorized to sign for the applicant OR
☐ The representative is authorized to sign for the applicant. Attach a Power of Attorney or other documentation.

3. Source of water supply Oxford Slough which is a tributary of Deep Creek

4. Location of point(s) of diversion:

Twp	Rge	Sec	Govt Lot	1/4	1/4	1/4	County	Source	Local name or tag #
14S	38E	2		NE	NW	10	Franklin	Oxford Slough	

5. Water will be used for the following purposes:

Amount 1200 ac-ft for wildlife storage purposes from 01/01 to 12/31 (both dates inclusive)
(cfs or acre-feet per year)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)

6. Total quantity to be appropriated is (a) _____ cubic feet per second (cfs) and/or (b) 1200 acre-feet per year (af).

7. Proposed diverting works:

a. Describe type and size of devices used to divert water from the source. Earthen dike will be rebuilt across the Oxford Slough to capture water

b. Height of storage dam 4 feet; active reservoir capacity 1200 acre-feet; total reservoir capacity 1200 acre-feet. If the reservoir will be filled more than once each year, describe the refill plan in item 12. For dams 10 feet or more in height AND having a storage capacity of 50 acre-feet or more, submit a separate Application for Construction or Enlargement of a New or Existing Dam. Application required? ☐ Yes ☒ No

c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.

d. Is ground water with a temperature of greater than 85°F being sought? ☐ Yes ☐ No

e. If well is already drilled, when? _____; drilling firm _____; well was drilled for (well owner) _____; Drilling Permit No. _____

For Department Use

Received by KU Date 7-28-21 Time 10:00 Preliminary check by _____

Fee \$ 200 Received by KU Receipt No. C110606 Date 7/28/21

ADD'L FEE \$ 490

CH

E047026

6/1/21

13-8081

8. Description of proposed uses (if irrigation only, go to item 9):

- Hydropower; show total feet of head and proposed capacity in kW. _____
- Stockwatering; list number and kind of livestock. _____
- Municipal; must complete and attach the Municipal Water Right Application Checklist.
- Domestic; show number of households _____
- Other; describe fully. _____

9. Description of place of use:

- If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
see	attach																		

Total number of acres to be irrigated: see attach

10. Describe any other water rights used for the same purposes as described above. Include water delivered by a municipality, canal company, or irrigation district. If this application is for domestic purposes, do you intend to use this water, water from another source, or both, to irrigate your lawn, garden, and/or landscaping? _____

- Who owns the property at the point of diversion? U.S. Fish and Wildlife Service
- Who owns the land to be irrigated or place of use? U.S. Fish and Wildlife Service
- If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: _____

12. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. See attach

13. Time required for completion of works and application of water to proposed beneficial use is 2 years (minimum 1 year).

14. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½" x 11" map or maps clearly identifying the proposed point of diversion, place of use, section #, township & range. The map scale shall not be less than two (2) inches equal to one (1) mile.

The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.

JOANNE WALLIS Digitally signed by JOANNE WALLIS
Date: 2021.07.15 10:49:08 -07'00'

Signature of Applicant

Joanne Wallis / Hydrologist

Print Name (and title, if applicable)

Signature of Applicant

Print Name (and title, if applicable)

(Question 12) Proposal: Application for Permit - U.S. Fish and Wildlife Service,
Oxford Slough Water Production Area

Background

The 1,878-acre Oxford Slough Waterfowl Production Area (WPA) was established in 1985 to preserve an important wetland for waterfowl production, and is managed by the U.S. Fish and Wildlife Service (Service). Oxford Slough is located 10 miles north of Preston and is part of Cache Valley which is considered part of Middle Bear watershed. The WPA does not encompass the whole of the marsh, so part of the marsh is still in private ownership, and no water management is undertaken by the WPA on those portions. The WPA provides valuable foraging habitat for species such as cranes, geese, Franklin's gulls, and white-faced ibis, as well as nesting habitat for many shorebird species. Oxford Slough WPA has been designated as a Globally Important Bird Area by the National Audubon Society based on its contributions to colonial nesting waterbird habitat.

The primary source of water for Oxford Slough is Swan Lake, which lies about two miles north of the slough. The water from Swan Lake Slough enters the Oxford Slough main channel via a northeast water control structure. The water control structure is a 4.5 feet tall earthen berm, approximately 550 feet long, and consists of a 48-inch diameter, 4-foot-tall CMP flash board riser. Secondary sources of water that flow in the valley to create the Oxford Slough are Oxford, Davis, Michael, and unnamed creeks draining off Oxford Ridge to the west.

Oxford Slough acts as a natural catchment for runoff from the mountains to the west as well as return flows from water lost by irrigation. The sub-basin has two runoff periods – a low valley runoff in April-May, and a highland runoff in June-July. Oxford Slough is a source of water for Deep Creek, which drains south from the slough into the Bear River.

Surrounding Land Uses

Land use demands and over-appropriated water rights result in virtually no semblance of a natural hydrologic periodicity. The slough is mostly dependent on runoff and irrigation return flows from the Oxford Creek Ditch Company; annual streamflow in Oxford Creek and surrounding tributaries is insufficient to support wetland habitat during critical summer months.

Since 1995, between 170 and 180 acres on the north end of the Oxford Slough WPA have been farmed under a Cooperative Farming Agreement (CFA) with a local farmer, which has been renewed approximately every five years. Under this agreement the farmer is responsible for water management, any water assessment fees, and noxious weed control as prescribed by refuge policy. No right-of-way or easements exist at Oxford Slough WPA.

Soils

The following soil types cover approximately 99 percent the Oxford Slough WPA:

- Bear Lake-Downata complex, 0 to 1 percent slopes, 41.5 percent of unit
- Bear Lake-Downata-Thatcherflats complex, 0 to 1 percent slopes, 25.5 percent of unit
- Picabo-Thatcherflats complex, 0 to 1 percent slopes, 22.9 percent of unit
- Oxford-Banida complex, 4 to 12 percent slopes, 4.8 percent of unit
- Oxford-Banida complex, 2 to 4 percent slopes, 4.1 percent of unit

Soil descriptions below are from the National Cooperative Soil Survey (2008):

The Bear Lake soils are nearly level, somewhat poorly to very poorly drained, very deep soils formed in mixed silty alluvium. The Downata series consists of very deep, poorly and very poorly drained soils that formed in silty alluvium derived from mixed sources. Permeability is moderately slow. The Thatcherflats series consists of very deep, moderately well drained soils formed in silty alluvium on stream terraces. Permeability is slow. The Picabo series consists of very deep, somewhat poorly drained soils that formed in mixed alluvium. They are somewhat poorly drained and moderately permeable. The water table is at 2 to 4 feet from October to May. The Oxford series consists of very deep, moderately well drained soils that formed in lacustrine deposits and alluvium derived from mixed sources. They are moderately well drained, with medium to very high surface runoff and very slow permeability.

Project Description

Oxford Slough land use changes and associated increasing demands on limited water resources have dramatically altered flow patterns and wetland acreage. As a result, the marsh complex has been reduced to a fraction of its former size, and becomes desiccated much more rapidly than the historic hydrologic regime would have allowed. The Oxford Slough restoration project consists of rebuilding a south fence line berm at the southern boundary of the slough for the intent to maintain late summer / early autumn surface water elevations.

The point of diversion is the proposed south fence line berm (T14S R38E Sec. 2 NENW 10), and Oxford Slough is the source (42.236 N, -111.993 W). The dike will span from the railroad tracks to the uplands just west of the main part of the slough. The structure will be 1,750 feet in length and comprise of two 4-foot-tall pre-cast concrete flashboard risers with 36-inch pipe to pass flows and manage water levels. The dike will have a hardened secondary spillway that will allow water to pass at a certain elevation if the structure were ever to become plugged or if the water input exceeds the capacity of the water control structure. Oxford Slough WPA is defined as an in-stream channel reservoir and the proposed storage will not expand beyond the natural channels.

ArcMap was used to calculate the volume of the wetland. A good reference point is the 4745 LiDAR elevation contour. This value is the maximum high-water mark for the wetland, and the dike cannot hold water above the 4745 elevation. 1-foot contours were used to calculate the acres and develop a storage volume.

4744 elevation contour was approximately 637 acres at 1-foot depth = 637 acre-feet.
 4743 elevation contour was approximately 162 acres at 2-foot depth = 324 acre-feet.
 4742 elevation (wetland bottom) contour was approximately 52 acres at 3-foot depth = 156 acre-feet.

TOTAL = 851 acres

TOTAL = 1117 acre-feet

The active and total reservoir storage capacity of the Oxford Slough wetland is 1200 acre-feet.
 The 1117 acre-feet active reservoir storage volume was rounded to 1200 acre-feet, because there is limitation in LiDAR capturing the bottom of the wetland (4742) due to thick vegetation and the 52 acres is likely a conservative number. All water use is for wildlife storage.

Item #9 – Description of Place of Use					
TWP	RGE	SEC	QSEC	QQSEC	ACRES
13	38	27	NE	SENE	7.03063146
13	38	26	NW	SWNW	0.109961725
13	38	26	NW	SENE	0.76651971
13	38	27	NE	SWNE	9.26989697
13	38	27	NW	SENE	0.35484278
13	38	27	NE	SENE	5.36316692
13	38	26	NW	SWNW	5.396031885
13	38	27	SE	NESE	35.7659777
13	38	26	SW	NWSW	27.70269445
13	38	26	SW	NWSW	0.29949126
13	38	26	SW	NESW	15.18064857
13	38	27	SE	NWSE	3.74512338
13	38	27	SE	NWSE	18.38139964
13	38	27	SW	NESW	5.01227782
13	38	26	SW	NESW	4.902316095
13	38	27	SW	NESW	8.1940018
13	38	27	SE	SESE	39.36802729
13	38	26	SW	SWSW	28.2539857
13	38	27	SE	SWSE	38.11495783
13	38	27	SW	SESW	6.909302905
13	38	26	SW	SESW	16.62448309
13	38	26	SW	SESW	2.26249338
13	38	34	NW	NENW	28.02788463
13	38	34	NE	NWNE	40.48420057
13	38	34	NE	NENE	32.1827081
13	38	35	NW	NWNW	25.55362226
13	38	35	NW	NENW	3.288720445
13	38	34	NE	SENE	33.21115911
13	38	35	NW	SWNW	18.81136234
13	38	34	NE	SWNE	40.49877977

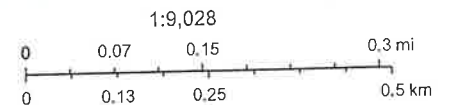
13	38	34	NW	SEnw	35.85369998
13	38	34	NW	SWNW	9.959567025
13	38	34	NW	SWNW	0.018038665
13	38	35	SW	NESW	8.001507005
13	38	35	SW	NWSW	17.39248543
13	38	34	SE	NESE	39.92623748
13	38	34	SE	NWSE	37.23748798
13	38	34	SW	NESW	17.83554469
13	38	34	SW	NWSW	19.25689265
13	38	35	SW	SESW	32.43154283
13	38	35	SW	SWSW	40.47827005
13	38	34	SE	SESE	21.71978819
13	38	34	SE	SWSE	4.11528667
13	38	34	SW	SESW	0.31036388
13	38	34	SW	SWSW	0.0543631
14	38	2	NW	NENW	30.37735897
14	38	2	NW	NWNW	32.94502702
14	38	3	NE	NENE	1.65263824
14	38	2	NW	SWNW	0.00395368
TOTAL =					850.6367

Proposing Rebuild Dike Location



5/3/2021, 1:05:16 PM

- Rebuild Dike
- Counties
- Quarter Quarter
- Section
- Township/Range
- Idaho Outline
- Idaho Mask



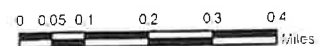
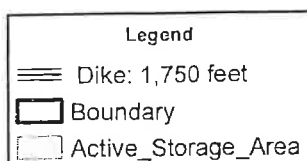
Created by NRCS from 1:24,000 scale USGS topographic maps., Esri, HERE, iPC, Idaho Department of Water Resources, Maxar

13-8081

Oxford Slough Wetland Enhancement Dike Project- Active Storage Area

County: Franklin

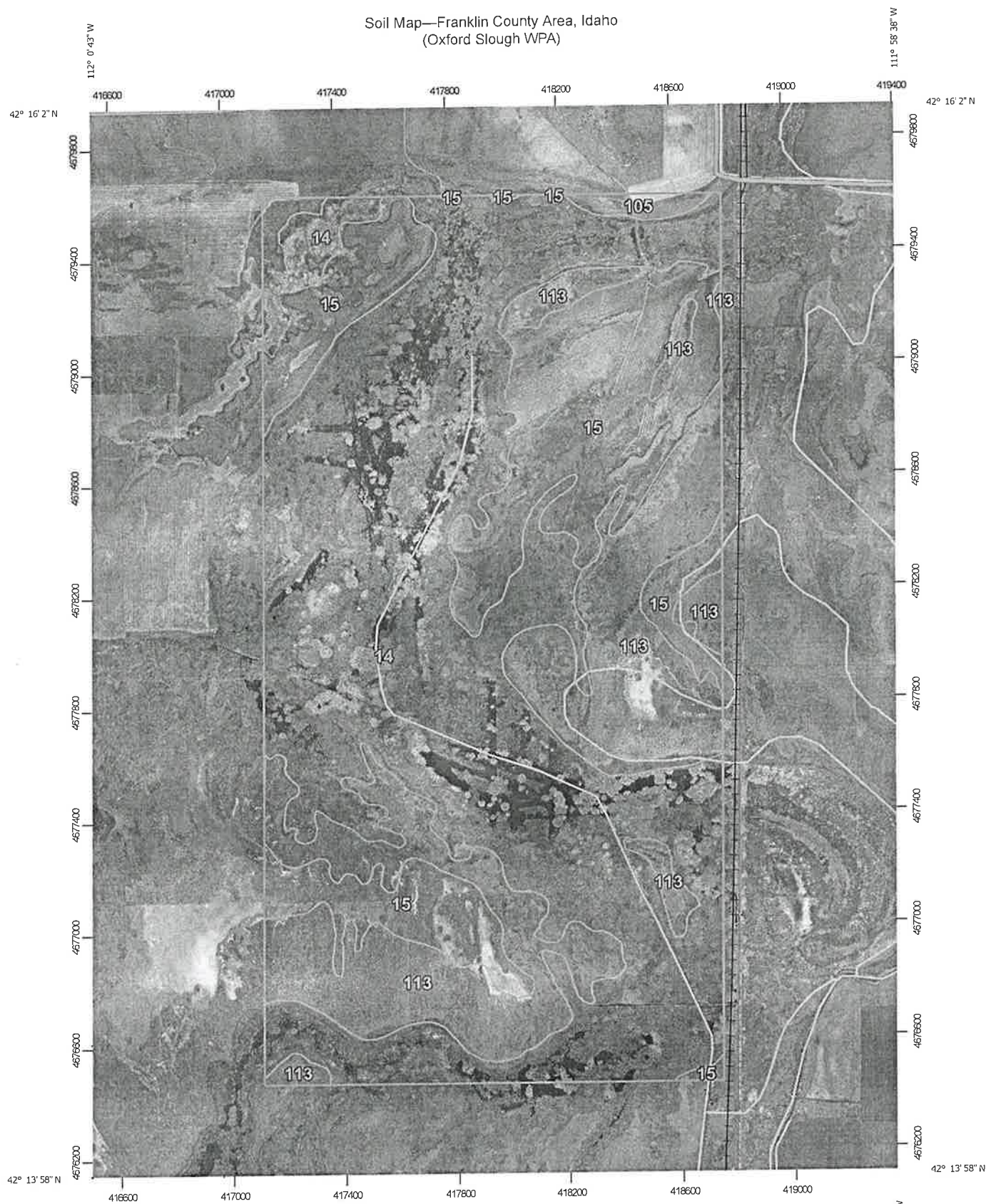
Date: 7-7-2021



Prepared by Jeremy Jirak
USFWS

13-8081

Soil Map—Franklin County Area, Idaho
(Oxford Slough WPA)



Map Scale: 1:18,500 if printed on A portrait (8.5" x 11") sheet.

0 250 500 1000 1500 Meters

0 500 1000 2000 3000 Feet

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



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

13-8081

4/14/2020
Page 1 of 3

MAP INFORMATION

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

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: Franklin County Area, Idaho
Survey Area Data: Version 14, Sep 16, 2019

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

Date(s) aerial images were photographed: May 22, 2005—Nov 13, 2016

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.

MAP LEGEND

	Area of Interest (AOI)		Soil Map Unit Polygons		Soil Map Unit Lines		Soil Map Unit Points		Special Point Features		Water Features		Streams and Canals		Transportation		Rails		Interstate Highways		US Routes		Major Roads		Local Roads		Background		Aerial Photography	

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
14	Bear Lake-Downata complex, 0 to 1 percent slopes	693.0	54.1%
15	Bear Lake-Downata- Thatcherflats complex, 0 to 1 percent slopes	276.0	21.6%
105	Oxford-Banida complex, 4 to 12 percent slopes	8.7	0.7%
113	Picabo-Thatcherflats complex, 0 to 1 percent slopes	302.8	23.6%
Totals for Area of Interest		1,280.5	100.0%



Engineering Properties

This table gives the engineering classifications and the range of engineering properties for the layers of each soil in the survey area.

Hydrologic soil group is a group of soils having similar runoff potential under similar storm and cover conditions. The criteria for determining Hydrologic soil group is found in the National Engineering Handbook, Chapter 7 issued May 2007 (<http://directives.sc.egov.usda.gov/OpenNonWebContent.aspx?content=17757.wba>). Listing HSGs by soil map unit component and not by soil series is a new concept for the engineers. Past engineering references contained lists of HSGs by soil series. Soil series are continually being defined and redefined, and the list of soil series names changes so frequently as to make the task of maintaining a single national list virtually impossible. Therefore, the criteria is now used to calculate the HSG using the component soil properties and no such national series lists will be maintained. All such references are obsolete and their use should be discontinued. Soil properties that influence runoff potential are those that influence the minimum rate of infiltration for a bare soil after prolonged wetting and when not frozen. These properties are depth to a seasonal high water table, saturated hydraulic conductivity after prolonged wetting, and depth to a layer with a very slow water transmission rate. Changes in soil properties caused by land management or climate changes also cause the hydrologic soil group to change. The influence of ground cover is treated independently. There are four hydrologic soil groups, A, B, C, and D, and three dual groups, A/D, B/D, and C/D. In the dual groups, the first letter is for drained areas and the second letter is for undrained areas.

The four hydrologic soil groups are described in the following paragraphs:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

Depth to the upper and lower boundaries of each layer is indicated.

Texture is given in the standard terms used by the U.S. Department of Agriculture. These terms are defined according to percentages of sand, silt, and clay in the fraction of the soil that is less than 2 millimeters in diameter. "Loam," for example, is soil that is 7 to 27 percent clay, 28 to 50 percent silt, and less than 52 percent sand. If the content of particles coarser than sand is 15 percent or more, an appropriate modifier is added, for example, "gravelly."

Classification of the soils is determined according to the Unified soil classification system (ASTM, 2005) and the system adopted by the American Association of State Highway and Transportation Officials (AASHTO, 2004).

The Unified system classifies soils according to properties that affect their use as construction material. Soils are classified according to particle-size distribution of the fraction less than 3 inches in diameter and according to plasticity index, liquid limit, and organic matter content. Sandy and gravelly soils are identified as GW, GP, GM, GC, SW, SP, SM, and SC; silty and clayey soils as ML, CL, OL, MH, CH, and OH; and highly organic soils as PT. Soils exhibiting engineering properties of two groups can have a dual classification, for example, CL-ML.

The AASHTO system classifies soils according to those properties that affect roadway construction and maintenance. In this system, the fraction of a mineral soil that is less than 3 inches in diameter is classified in one of seven groups from A-1 through A-7 on the basis of particle-size distribution, liquid limit, and plasticity index. Soils in group A-1 are coarse grained and low in content of fines (silt and clay). At the other extreme, soils in group A-7 are fine grained. Highly organic soils are classified in group A-8 on the basis of visual inspection.

If laboratory data are available, the A-1, A-2, and A-7 groups are further classified as A-1-a, A-1-b, A-2-4, A-2-5, A-2-6, A-2-7, A-7-5, or A-7-6. As an additional refinement, the suitability of a soil as subgrade material can be indicated by a group index number. Group index numbers range from 0 for the best subgrade material to 20 or higher for the poorest.

Percentage of rock fragments larger than 10 inches in diameter and 3 to 10 inches in diameter are indicated as a percentage of the total soil on a dry-weight basis. The percentages are estimates determined mainly by converting volume percentage in the field to weight percentage. Three values are provided to identify the expected Low (L), Representative Value (R), and High (H).

Percentage (of soil particles) passing designated sieves is the percentage of the soil fraction less than 3 inches in diameter based on an oven-dry weight. The sieves, numbers 4, 10, 40, and 200 (USA Standard Series), have openings of 4.76, 2.00, 0.420, and 0.074 millimeters, respectively. Estimates are based on laboratory tests of soils sampled in the survey area and in nearby areas and on estimates made in the field. Three values are provided to identify the expected Low (L), Representative Value (R), and High (H).

Liquid limit and plasticity index (Atterberg limits) indicate the plasticity characteristics of a soil. The estimates are based on test data from the survey area or from nearby areas and on field examination. Three values are provided to identify the expected Low (L), Representative Value (R), and High (H).

References:

American Association of State Highway and Transportation Officials (AASHTO). 2004. Standard specifications for transportation materials and methods of sampling and testing. 24th edition.

American Society for Testing and Materials (ASTM). 2005. Standard classification of soils for engineering purposes. ASTM Standard D2487-00.

Report—Engineering Properties

Absence of an entry indicates that the data were not estimated. The asterisk (*) denotes the representative texture; other possible textures follow the dash. The criteria for determining the hydrologic soil group for individual soil components is found in the National Engineering Handbook, Chapter 7 issued May 2007 (<http://directives.sc.egov.usda.gov/OpenNonWebContent.aspx?content=17757.wba>). Three values are provided to identify the expected Low (L), Representative Value (R), and High (H).

Engineering Properties—Franklin County Area, Idaho														
Map unit symbol and soil name	Pct. of map unit	Hydrologic group	Depth	USDA texture	Classification		Pct Fragments		Percentage passing sieve number—				Liquid limit	Plasticity index
					Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
			In				L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H
14—Bear Lake-Downata complex, 0 to 1 percent slopes														
Bear lake	50	C/D	0-11	Silty clay loam	CL, MH, ML	A-7	0-0-0	0-0-0	100-100-100	100-100-100	96-98-100	89-91-95	42-49-57	19-20-23
			11-20	Silty clay loam	CH, CL	A-7, A-6	0-0-0	0-0-0	100-100-100	100-100-100	96-99-100	92-95-98	39-45-50	19-22-24
			20-26	Silt loam, silty clay loam	CL	A-4, A-6, A-7	0-0-0	0-0-0	100-100-100	100-100-100	84-98-100	78-93-97	26-40-45	10-21-24
			26-60	Silty clay loam, sandy loam, very fine sandy loam	CL	A-4, A-6, A-7	0-0-0	0-0-0	100-100-100	100-100-100	84-98-100	78-93-97	24-38-43	9-20-24
Downata	35	C/D	0-1	Slightly decomposed plant material	PT	A-8	0-0-0	0-0-0	100-100-100	94-100-100	89-99-100	85-95-99	—	—
			1-12	Silt loam	ML, CL-ML	A-6, A-4, A-7	0-0-0	0-0-0	100-100-100	94-100-100	88-99-100	81-92-98	28-38-47	7-12-16
			12-59	Silty clay loam	CH, CL	A-7, A-6	0-0-0	0-0-0	100-100-100	94-100-100	90-99-100	87-95-98	39-45-50	19-22-24
			59-63	Silt loam	CL	A-6, A-7	0-0-0	0-0-0	100-100-100	94-100-100	90-100-100	84-94-99	28-34-41	12-15-19

Engineering Properties—Franklin County Area, Idaho														
Map unit symbol and soil name	Pct. of map unit	Hydrologic group	Depth	USDA texture	Classification		Pct Fragments		Percentage passing sieve number—				Liquid limit	Plasticity index
					Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
			In				L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H
15—Bear Lake-Downata-Thatcherflats complex, 0 to 1 percent slopes														
	Bear lake	50	C/D	0-11	Silty clay loam	CL, MH, ML	A-7	0-0-0	0-0-0	100-100-100	96-98-100	89-91-95	42-49-57	19-20-23
				11-20	Silty clay loam	CH, CL	A-7, A-6	0-0-0	0-0-0	100-100-100	96-99-100	92-95-98	39-45-50	19-22-24
				20-26	Silt loam, silty clay loam	CL	A-4, A-6, A-7	0-0-0	0-0-0	100-100-100	84-98-100	78-93-97	26-40-45	10-21-24
			26-60	Silty clay loam, sandy loam, very fine sandy loam	CL	A-4, A-6, A-7	0-0-0	0-0-0	100-100-100	84-98-100	78-93-97	24-38-43	9-20-24	
Downata	25	C/D	0-1	Slightly decomposed plant material	PT	A-8	0-0-0	0-0-0	100-100-100	94-100-100	89-99-100	85-95-99	—	—
			1-12	Silt loam	ML, CL-ML	A-6, A-4, A-7	0-0-0	0-0-0	100-100-100	94-100-100	88-99-100	81-92-98	28-38-47	7-12-16
			12-59	Silty clay loam	CL, CH	A-7, A-6	0-0-0	0-0-0	100-100-100	94-100-100	90-99-100	87-95-98	39-45-50	19-22-24
			59-63	Silt loam	CL	A-6, A-7	0-0-0	0-0-0	100-100-100	94-100-100	90-100-100	84-94-99	28-34-41	12-15-19
Thatcherflats	20	D	0-4	Silt loam	CL-ML, CL	A-6, A-4	0-0-0	0-0-0	100-100-100	100-100-100	96-99-100	87-91-94	23-29-35	6-9-12
			4-16	Silty clay loam, silty clay	CH, CL	A-6, A-7	0-0-0	0-0-0	100-100-100	100-100-100	92-100-100	87-95-100	40-48-56	20-26-31
			16-61	Silt loam, silty clay loam	CL	A-7, A-6	0-0-0	0-0-0	100-100-100	100-100-100	94-99-100	88-93-98	37-42-48	18-21-25

13-8081

Engineering Properties—Franklin County Area, Idaho														
Map unit symbol and soil name	Pct. of map unit	Hydrologic group	Depth	USDA texture	Classification		Pct Fragments		Percentage passing sieve number—				Liquid limit	Plasticity index
					Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
			In				L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	
105—Oxford-Banida complex, 4 to 12 percent slopes														
Oxford	50	D	0-5	Silty clay	CH	A-7	0-0-0	0-0-0	100-100-100	100-100-100	97-99-100	92-94-97	51-56-59	29-31-33
			5-26	Silty clay, clay	CH, CL	A-7	0-0-0	0-0-0	100-100-100	100-100-100	92-99-100	89-96-100	49-57-64	29-35-40
			26-63	Silty clay, clay	CH	A-7	0-0-0	0-0-0	100-100-100	100-100-100	80-99-100	77-96-100	50-68-74	29-43-48
Banida	40	D	0-6	Silty clay loam	CH, CL	A-7	0-0-0	0-0-0	100-100-100	95-100-100	90-98-100	85-94-97	43-48-53	22-25-28
			6-22	Silty clay, clay	CH	A-7	0-0-0	0-0-0	100-100-100	100-100-100	92-99-100	89-96-100	51-60-68	29-34-40
			22-35	Silty clay, clay	CH, CL	A-7	0-0-0	0-0-0	100-100-100	100-100-100	92-99-100	89-96-100	49-57-64	29-35-40
			35-64	Silty clay, clay	CH, CL	A-7	0-0-0	0-0-0	100-100-100	100-100-100	92-99-100	89-96-100	49-57-64	29-35-40

13-8081

Engineering Properties—Franklin County Area, Idaho														
Map unit symbol and soil name	Pct. of map unit	Hydrologic group	Depth	USDA texture	Classification		Pct Fragments		Percentage passing sieve number—				Liquid limit	Plasticity index
					Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
			In				L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H
113—Picabo-Thatcherflats complex, 0 to 1 percent slopes														
Picabo	45	C	0-4	Silt loam	CL, ML	A-4, A-6	0-0-0	0-0-0	100-100-100	100-100-100	97-99-100	89-91-93	28-34-40	9-10-12
			4-16	Silt loam	CL-ML, CL, ML	A-4, A-6	0-0-0	0-0-0	100-100-100	100-100-100	95-99-100	87-91-95	22-30-37	6-9-12
			16-45	Silt loam	CL-ML, CL	A-4, A-6	0-0-0	0-0-0	100-100-100	100-100-100	95-99-100	87-91-95	20-26-31	6-9-12
			45-51	Silt loam	CL-ML, CL	A-4, A-6	0-0-0	0-0-0	100-100-100	100-100-100	95-99-100	87-91-95	20-25-30	6-9-12
			51-65	Silt loam	CL-ML, CL	A-4	0-0-0	0-0-0	100-100-100	100-100-100	97-99-100	88-91-93	20-24-27	6-8-10
Thatcherflats	30	D	0-4	Silt loam	CL, CL-ML	A-4, A-6	0-0-0	0-0-0	100-100-100	100-100-100	96-99-100	87-91-94	23-29-35	6-9-12
			4-16	Silty clay loam, silty clay	CH, CL	A-6, A-7	0-0-0	0-0-0	100-100-100	100-100-100	92-100-100	87-95-100	40-48-56	20-26-31
			16-61	Silt loam, silty clay loam	CL	A-7, A-6	0-0-0	0-0-0	100-100-100	100-100-100	94-99-100	88-93-98	37-42-48	18-21-25

Data Source Information

Soil Survey Area: Franklin County Area, Idaho
Survey Area Data: Version 14, Sep 16, 2019

May 6, 2021

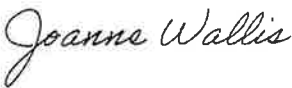
Eastern Region
Idaho Dept. of Water Resources
900 N Skyline Dr. Suite A
Idaho Falls, ID 83402-1718

RE: Project Restoration of Oxford Slough Waterfowl Production Area (WPA)

The U.S. Fish and Wildlife Service (Service) is proposing a new storage water right for Oxford Slough WPA. Please find attached an *Application for Permit* along with a check in the amount of \$490.00. The restoration project consists of rebuilding a south fence line berm at the southern boundary of the slough for the intent to maintain late summer/early autumn surface water elevations. It is the desire of the Service that Oxford Slough WPA will continue to exist as a small but important part of the Bear River Watershed, providing water and well-being to wildlife and humans.

If you have any questions or need further information, please contact me at joanne_wallis@fws.gov or my pandemic cell number 503-308-3959.

Sincerely,



Joanne Wallis
Hydrologist, Water Resources Branch
U.S. Fish and Wildlife Service
911 NE 11th Avenue
Portland, OR 97232-4181

13-8081

July 16, 2021

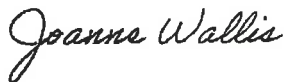
Eastern Region
Idaho Dept. of Water Resources
900 N Skyline Dr. Suite A
Idaho Falls, ID 83402-1718

RE: Project Restoration of Oxford Slough Waterfowl Production Area (WPA)

The U.S. Fish and Wildlife Service is proposing a new storage water right for Oxford Slough WPA. **Please find attached the updated *Application for Permit* along with an additional payment in the amount of \$200.00.** I discussed the project with Michael Holliday on July 6th re the restoration project and he advised that the Service re-submit a new application.

If you have any questions or need further information, please contact me at joanne_wallis@fws.gov or my pandemic cell number 503-308-3959.

Sincerely,



Joanne Wallis
Hydrologist, Water Resources Branch
U.S. Fish and Wildlife Service
911 NE 11th Avenue
Portland, OR 97232-4181

13-8081



IDAHO DEPARTMENT OF
WATER RESOURCES

Eastern Region • 900 N Skyline Drive, Suite A • Idaho Falls, ID 83402-1718

Phone: 208-525-7161 • Fax: 208-525-7177 • Email: easterninfo@idwr.idaho.gov • Web: idwr.idaho.gov

Governor Brad Little

Director Gary Spackman

August 11, 2021

US DEPT OF INTERIOR
FISH & WILDLIFE SERVICE
911 NE 11TH AVE
PORTLAND, OR 97232-4181

RE: Application for Permit No. 13-8081

Dear Applicant:

The Department of Water Resources has received your water right application. Please refer to the number referenced above in all future correspondence regarding this application.

A legal notice of the application has been prepared and is scheduled for publication in the PRESTON CITIZEN on 8/18/2021 and 8/25/2021. Protests to this application may be submitted for a period ending ten (10) days after the second publication.

If the application is protested, you will be sent a copy of each protest. All protests must be resolved before the application can be considered for approval. If the protest(s) cannot be resolved voluntarily, the Department will conduct a conference and/or hearing on the matter.

If the application is not protested, the Department will process your application and notify you of any action taken on the application. If your application is approved, the Department will send you a copy of the permit.

Please contact this office if you have any questions regarding the application.

Sincerely,

Christina Henman
Administrative Assistant

Henman, Christina

From: Henman, Christina
Sent: Wednesday, August 11, 2021 11:49 AM
To: 'legals@prestoncitizen.com'
Subject: Legal Notice for Preston Citizen
Attachments: 13-8075, 13-8081 Preston Citizen.docx

LEGAL NOTICE DEPARTMENT
PRESTON CITIZEN
PO BOX 472
PRESTON, ID 83263

RE: Application for Permit No. 13-8075, 13-8081

Dear Legal Notice Department:

Please publish the enclosed legal notice on the dates indicated (once a week for two consecutive weekly issues). If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Please send the affidavit and bill to this office before 9/6/2021. Your cooperation is appreciated.

Sincerely,

Thank You,



Christina Henman
Administrative Assistant
IDWR, Eastern Region
900 N Skyline Ste. A
Idaho Falls, ID 83402
Phone: (208) 525-7161

The following applications have been filed to appropriate the public waters of the State of Idaho:

13-8075

SPARROW FARMS LLC

1942 N MAIN ST

NORTH LOGAN, UT 84341-1707

Point of Diversion SWSWSW S25 T15S R38E FRANKLIN County

Source SPRING Tributary UNAMED STREAM

Use: DOMESTIC

01/01 to 12/31

0.04 CFS

Total Diversion:

0.04 CFS

Date Filed: 04-12-2021

Place Of Use: DOMESTIC

T15S R38E S25

SESW,SESE

13-8081

US DEPT OF INTERIOR FISH & WILDLIFE SERVICE

911 NE 11TH AVE

PORTLAND, OR 97232-4181

Point of Diversion L10(NENW) S2 T14S R38E FRANKLIN County

Source OXFORD SLOUGH Tributary DEEP CREEK

Use: WILDLIFE STORAGE

01/01 to 12/31

1200 AF

Total Diversion:

1200 AF

Date Filed: 07-28-2021

Place Of Use: WILDLIFE STORAGE

T13S R38E S26

SENW,L2(NESW),L1(SESW),L5(SESW),L2(NESW),L2(NWSW),L3(SWNW),SENW,SWSW,L1(SESW),L4(NESW),L4(NWSW),L4(SWNW),L5(SESW)

Place Of Use: WILDLIFE STORAGE

T13S R38E S27

L3(NESW),L8(NESE),L2(NWSE),L2(SWNE),SWSE,L1(SENE),SENW,L5(SESW),SESE,L6(NESW),L7(NWSE),L8(SENE)

Place Of Use: WILDLIFE STORAGE

T13S R38E S34

NENE,NWNE,NENW,NESW,NESE,L10(NWSW),SWNE,NWSE,L11(SWNW),L9(SWSW),L7(SWSE),SENE,SENW,L8(SESW),L7(SEE)

Place Of Use: WILDLIFE STORAGE

T13S R38E S35

NENW,NWNW,SWNW,NESW,NWSW,SWSW,SESW

Place Of Use: WILDLIFE STORAGE

T14S R38E S2

L10(NENW),L11(NWNW),SWNW

Place Of Use: WILDLIFE STORAGE

T14S R38E S3

L9(NENE)

Permits will be subject to all prior water rights. For additional information concerning the property location, contact the Eastern office at (208)525-7161; or for a full description of the right(s), please see <https://idwr.idaho.gov/apps/ExtSearch/WRAApplicationResults/>.

Protests may be submitted based on the criteria of Idaho Code § 42-203A. Any protest against the approval of this application must be filed with the Director, Dept. of Water Resources, Eastern Region, 900 N SKYLINE DR STE A, IDAHO FALLS ID 83402-1718 together with a protest fee of \$25.00 for each application on or before 9/6/2021. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Director

Published on 8/18/2021 and 8/25/2021