

AUG 17 2020

WATER RESOURCES  
WESTERN REGIONSTATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES

## APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

Ident. No.

65-23984  
RECEIVEDSEP 11 2020  
AMENDEDWATER RESOURCES  
WESTERN REGION

1. Name of applicant(s) Eagle Island Ranch Phone 208-870-8538  
 Name connector (check one): ☐ and ☐ or ☐ and/or  
 Mailing address c/o Doug Carnahan, 7270 N Tree Haven Place City Meridian  
 State ID \_\_\_\_\_ ZIP 83646-4979 Email doug@thecarnahans.com
2. Name of representative, if any SPF Water Engineering Phone 208-383-4140  
 Mailing address 300 E Mallard Dr, Ste 350 City Boise  
 State ID \_\_\_\_\_ ZIP 83706 Email lgraves@spfwater.com
- 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 Payette River which is a tributary of Snake River
4. Location of point(s) of diversion:

Twp	Rge	Sec	Govt Lot	1/4	1/4	1/4	County	Source	Local name or tag #
7N	3W	7	3		SE	NW	Payette	Payette River	river diversion
8N	4W	36	1		SW	SE	Payette	Payette Slough	re-diversion

5. Water will be used for the following purposes:
- Amount 9.9 cfs for Wildlife & Recreation purposes from 11/1 to 3/31 (both dates inclusive)  
 (cfs or acre-feet per year)
- Amount 4435.4 afa for Wildlife & Recreation Storage purposes from 11/1 to 3/31 (both dates inclusive)  
 (cfs or acre-feet per year)
- Amount 9.9 cfs for Diversion to Storage purposes from 11/1 to 3/31 (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) 9.9 cubic feet per second (cfs) and/or (b) 4435.4 acre-feet per year (af).
7. Proposed diverting works:
- a. Describe type and size of devices used to divert water from the source. Headgate at river, ditch/slough to  
rediversion pump, on-site ditches to fields
- b. Height of storage dam \_\_\_\_\_ feet; active reservoir capacity \_\_\_\_\_ acre-feet; total reservoir capacity \_\_\_\_\_ 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 LE Date 08/17/2020 Time 10:45Am Preliminary check by AB  
 Fee \$ 1510.00 Received by LE Receipt No. W048627 Date 08/17/2020

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. Miscellaneous wildlife including waterfowl habitat. Recreation use consists of waterfowl hunting.

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	
4N	8W	36			10		14	7	5	23					6	30	18	31	144
8N	4W						L4			L3						L2	L1		

Total number of acres to be irrigated: 144 acres  
flooded

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? Surface water from Nesbitt McFarland Coop Ditch Co. for irrigation use during the irrigation season

11. a. Who owns the property at the point of diversion? Acord River Properties LLC

b. Who owns the land to be irrigated or place of use? Applicant

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: Existing diversion structure on the Payette River managed by LPDC and Payette River Watermaster

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

13. Time required for completion of works and application of water to proposed beneficial use is 5 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.

Signature of Applicant

Douglas Carnahan (President)

Print Name (and title, if applicable)

Signature of Applicant

Print Name (and title, if applicable)

## Bradbury, Allen

---

**From:** Lori Graves <LGraves@spfwater.com>  
**Sent:** Thursday, September 10, 2020 1:13 PM  
**To:** Bradbury, Allen  
**Subject:** RE: Eagle Island Ranch Permit Application Correction

Allen,

Per this email, please correct the proposed place of use to read T8N R4W rather than T4N R8W. Thank you.

---

### Lori Graves | Water Rights Specialist

SPF Water Engineering, LLC

300 E Mallard Drive, Suite 350 | Boise, ID 83706

p. 208.383.4140 | f. 208.383.4156 | d. 208.489.2139

e. [lgraves@spfwater.com](mailto:lgraves@spfwater.com) | w. [www.spfwater.com](http://www.spfwater.com)



---

**From:** Bradbury, Allen <Allen.Bradbury@idwr.idaho.gov>  
**Sent:** Thursday, September 10, 2020 12:36 PM  
**To:** Lori Graves <LGraves@spfwater.com>  
**Subject:** Eagle Island Ranch Permit Application Correction

Hi Lori,

I am working on the Eagle Island Ranch permit app. It looks like the numbers for the township and range for the POU were swapped around. I just need to get that amended, so I can drop it in advertising. The application is attached.

Thanks,

Allen

Water Resource Agent, Sr.

IDWR-Western Region

(208) 334-2190

[Allen.Bradbury@idwr.idaho.gov](mailto:Allen.Bradbury@idwr.idaho.gov)

## DEPARTMENT OF WATER RESOURCES

AUG 17 2020

## APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

WATER RESOURCES  
WESTERN REGION

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superceded by amended application for permit received 9-11-2020. -PK

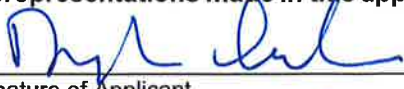
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The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.

  
Signature of Applicant  
Douglas Carnahan (President)  
Print Name (and title, if applicable)

\_\_\_\_\_  
Signature of Applicant  
\_\_\_\_\_  
Print Name (and title, if applicable)



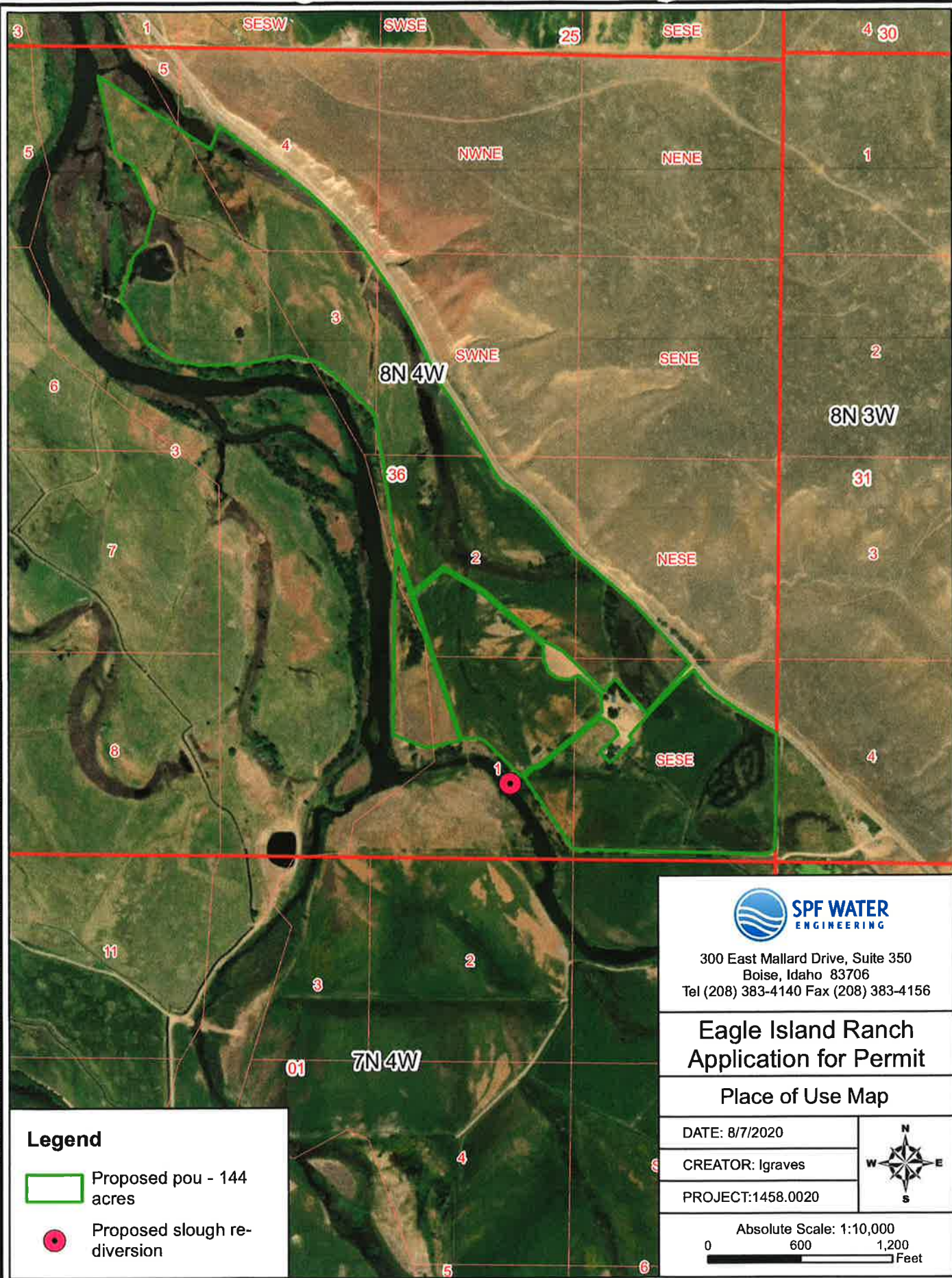
## Application Remarks:

Proposed flow rate for wildlife/recreation uses is based on diversion of 0.15 cfs per acre for flow-through field flooding of 66 acres of existing pasture. Field flooding depth will range from less than 1 inch up to approximately 12 inches with an average depth of 6 inches. The place of use also includes adjacent wetland areas that can receive run-off water from the pastures as flow-through. The proposed volumes were calculated for the entire 144-acre place of use using the IDWR storage memo 76 spreadsheet (attached) and account for associated storage, seepage and evaporation amounts. Regarding seepage, the USDA's Web Soils Survey results indicated Moulton fine sandy loams (Mo) are predominate on most of the 66 acres. As a result, the rate used for seepage loss was calculated at 0.2 ft/day. Regarding evaporation, positive precipitation deficits from the Payette Agri-Met Station for open water-shallow systems from November through February were used to calculate evaporation losses.

Volume Calculation					
Seepage					
Area (acres)	Rate (ft/day)	Start Date	End Date	Days	Volume (AF)
144	0.2	1-Nov	31-Mar	151	4348.8
Total					4348.8
Evaporation					
Area (acres)	Rate (mm/day)	End Date	Start Date	Days	Volume (AF)
144	-0.36	1-Nov	30-Nov	30	0.00
144	-1.09	1-Dec	31-Dec	31	0.00
144	-0.75	1-Jan	31-Jan	31	0.00
144	0.03	1-Feb	28-Feb	28	0.40
144	0.97	1-Mar	31-Mar	31	14.21
Total				151	14.6
Storage Volume					
Area (acres)	Average Depth (ft)			Volume (AF)	
144	0.5			72	
Total Volume					4435.4

The proposed diversion point on the Payette River is an existing diversion structure controlled by the Lower Payette Ditch Company and the Payette River Watermaster. Both entities have been notified. Water is conveyed from the diversion structure at the river through a channel locally referred to as the Payette Slough or the Lower Payette Ditch Conveyance. The proposed re-diversion point on the Payette Slough will be a private water-lift pump system. The pump system will divert water through existing ditches within the property.

Path: S:\PROJECTS\A thru D\Projects\C Projects\Carranhan, Doug\_1458\0020\_Eagle Island Ranch\PROJECT\GIS\AvalMap\_Projects\PMU Map.mxd



300 East Mallard Drive, Suite 350  
Boise, Idaho 83706  
Tel (208) 383-4140 Fax (208) 383-4156

## Eagle Island Ranch Application for Permit

### Place of Use Map

DATE: 8/7/2020

CREATOR: Igraves

PROJECT: 1458.0020

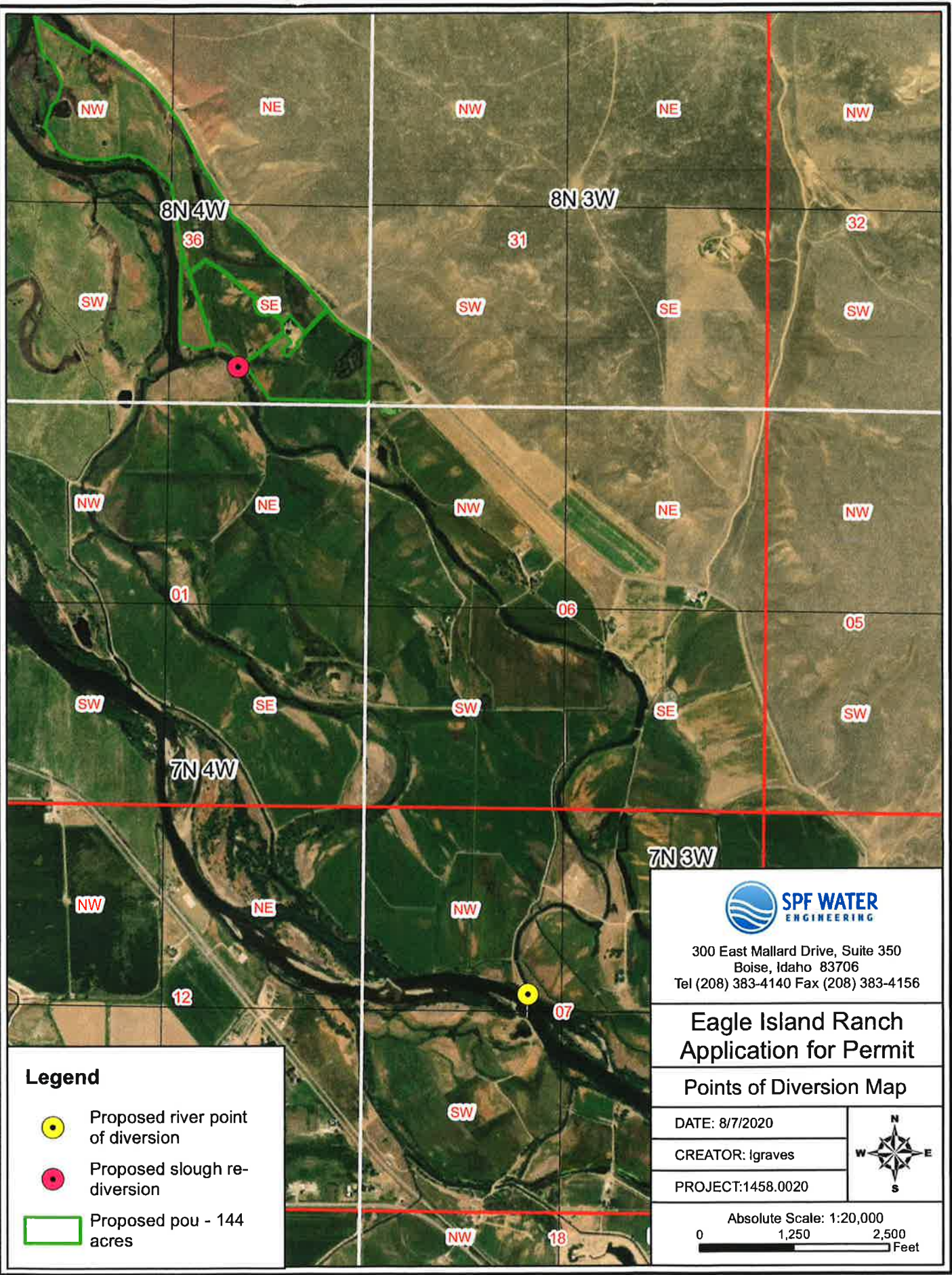


Absolute Scale: 1:10,000




0 600 1,200 Feet



Path: S:\PROJECTS\IA\Irr D Projects\C Projects\Carnahan, Doug\_1458\0020\_Eagle Island Ranch\PROJECT\GIS\ArcMap\_Projects\GMT\_PODs\_Map.mxd



**Legend**

-  Proposed river point of diversion
-  Proposed slough re-diversion
-  Proposed pou - 144 acres



300 East Mallard Drive, Suite 350  
Boise, Idaho 83706  
Tel (208) 383-4140 Fax (208) 383-4156

**Eagle Island Ranch  
Application for Permit**

**Points of Diversion Map**

DATE: 8/7/2020  
CREATOR: Igraves  
PROJECT: 1458.0020



Absolute Scale: 1:20,000  
0 1,250 2,500 Feet



**IDWR STORAGE MEMO NO. 76**

**SUPPORTING DOCUMENTATION  
FOR PROPOSED STORAGE VOLUME**

## Seepage Loss Calculations

This spreadsheet has been designed by Idaho Department of Water Resources to estimate the total annual seepage losses from a pond.

FILE NUMBER	XX-XXXXX
REVIEWER	SPF
DATE	8/7/2020

User Input
Calculated value
Formula Explanations

### INPUTS

Pond Surface Area (AC.)	144	AC.
-------------------------	-----	-----

Pond Surface Area (SQ. FT.)	6272640	SQ. FT.
-----------------------------	---------	---------

I used the following method to obtain my Soil Classification information:	NRCS Web Soil Survey	
My Soil Classification is	GM	
Suggested Seepage Rate (FT./DAY)	0.2000	FT./DAY

Formula: (Surface Area X Seepage Rate) X 7.48 = Gallons Per Day Loss		
--	--	--

Convert to GPD	9383869	GPD
----------------	---------	-----

Total Seepage Loss (AFA)	4348.5	AFA
--------------------------	--------	-----

Though sand and gravel seepage rates may actually be higher, the maximum allowable rate is 0.2 ft/day, pursuant to Administrative Memo "Seepage Loss Standards for Ponds and Reservoirs."

### Suggested Seepage Rates for Different Soil Types:

**GW, GP, GM, GC, SW, SP and SM** (silty sand, sand silt mixtures and gravel mixtures) = **0.2 ft per day**

**OL and ML** (inorganic silts - very fine sands, silty, or clayey fine sands) = **0.02 ft per day**

**SC** (clayey sands, sand clay mixtures) = **0.007 ft per day**

**CL** (Low to medium plasticity clays) = **0.003 ft per day**

**MH, OH, PT and CH** (high plasticity clays) = **0.0003 ft per day**

**LINED PONDS** (liners can be chemical, fabric, or bentonite) = **0 ft per day**

**Ponds Intercepting Groundwater** (excavated ponds filled by ground water) = **0 ft per day**

**PLEASE NOTE:** The initial basis for the Suggested Seepage Rates in the table above is found on Page 16 of Seepage from Fish Ponds, Bulletin 599, August 1989 Alabama Agricultural experiment Station, Auburn University, Auburn University Alabama. If you don't know the soil type, please refer to the map provided at the NRCS Web Soil Survey (Tab #1), an ArcMap Soil Classification Map (Tab #1.1), or published NRCS Soil Survey (Tab #1.2). Use "0" if the pond fill relies on the water table.

## Evaporation Loss Calculations

This spreadsheet has been designed by Idaho Department of Water Resources to estimate the annual evaporation losses from a pond.

FILE NUMBER	XX-XXXXX
REVIEWER	SPF
DATE	8/7/2020

User Input
Calculated value
Formula Explanations

The acronyms used on the Kimberly Research Center website are defined below:
P = Precipitation
ET= Evapotranspiration
P <sub>d</sub> = Precipitation deficit
P <sub>d</sub> =ET-P

### USING THIS SPREADSHEET

Use the link below to access the Kimberly Research Center website. This website provides the Precipitation Deficit for a station most representative of the pond under examination. The Precipitation Deficit is the total amount of free water surface evaporation minus the precipitation for a given area, which gives the total amount of evaporative losses incurred by the pond. There are several weather sites that are used throughout the state. IDWR staff can find the nearest site using Arc Map. The shape file containing the sites can be found at <X:/Spatial/Climate/ETIdahostations.shp>.

### Instructions:

1. Use the link below to navigate to ET Idaho 2012.
2. Select the station which is most representative to your pond location.
3. Click Submit Query.
4. Under "Land Covers with Evapotranspiration Estimates," select "Open Water - Shallow Systems (ponds, streams)" or "Open Water - small stock ponds" depending on the pond size.
5. Click the link to "Precipitation Deficit."
6. Reference and copy (ctrl + C) the first subheading "Mean" values.
7. Click the "Paste Values from ET Idaho" button. The table will automatically enter a zero (0) for any negative precipitation deficit values.

Found at: <http://data.kimberly.uidaho.edu/ETIdaho/>

### Precipitation Deficit

Station: Payette (NWS -- USC00106891)

Month	mm/day <sup>1</sup>	Days per month	mm/Month
Jan	-0.75	31	0.00
Feb	0.03	28	0.84
March	0.97	31	30.07
April	2.37	30	0.00
May	2.84	31	0.00
June	3.37	30	0.00
July	3.97	31	0.00
August	3.45	31	0.00
September	2.56	30	0.00
October	1.25	31	0.00
November	-0.36	30	0.00
December	-1.09	31	0.00

**PLEASE NOTE:** The seasonal average for precipitation deficit should not be used for calculations because precipitation often exceeds evaporation during wetter months of the year. If the pond is kept full, excess precipitation during wetter months does not serve to refill the pond during drier months.

For example, see Sandpoint KSPT (NWS -- 108137), the annual precipitation deficit is -106 mm. However, April through September have positive precipitation deficit values. To properly estimate the annual volume of water necessary to refill a pond due to evaporation losses, the table will automatically enter a zero (0) for each month that the precipitation value is reported as a negative value.

As described above, precipitation offsets evaporation in winter months, so the net effect is that wintertime precipitation deficit is usually zero.

Total mm/year = 30.91

$$[(\text{mm/yr}) \div (\text{convert to feet})] \times (\text{Surface area of pond, in acres}) = \text{Evaporation Loss in Acre Feet}$$

$$(\text{30.91} \div 304.8) \times 144.00 = 14.6 \text{ AFA}$$



## Total Storage Calculations

FILE NUMBER	WM-XXXXXX
REVIEWER	SPF
DATE	8/7/2020

This spreadsheet has been designed by Idaho Department of Water Resources to estimate the total seepage, evaporation and fill capacity required for a pond.

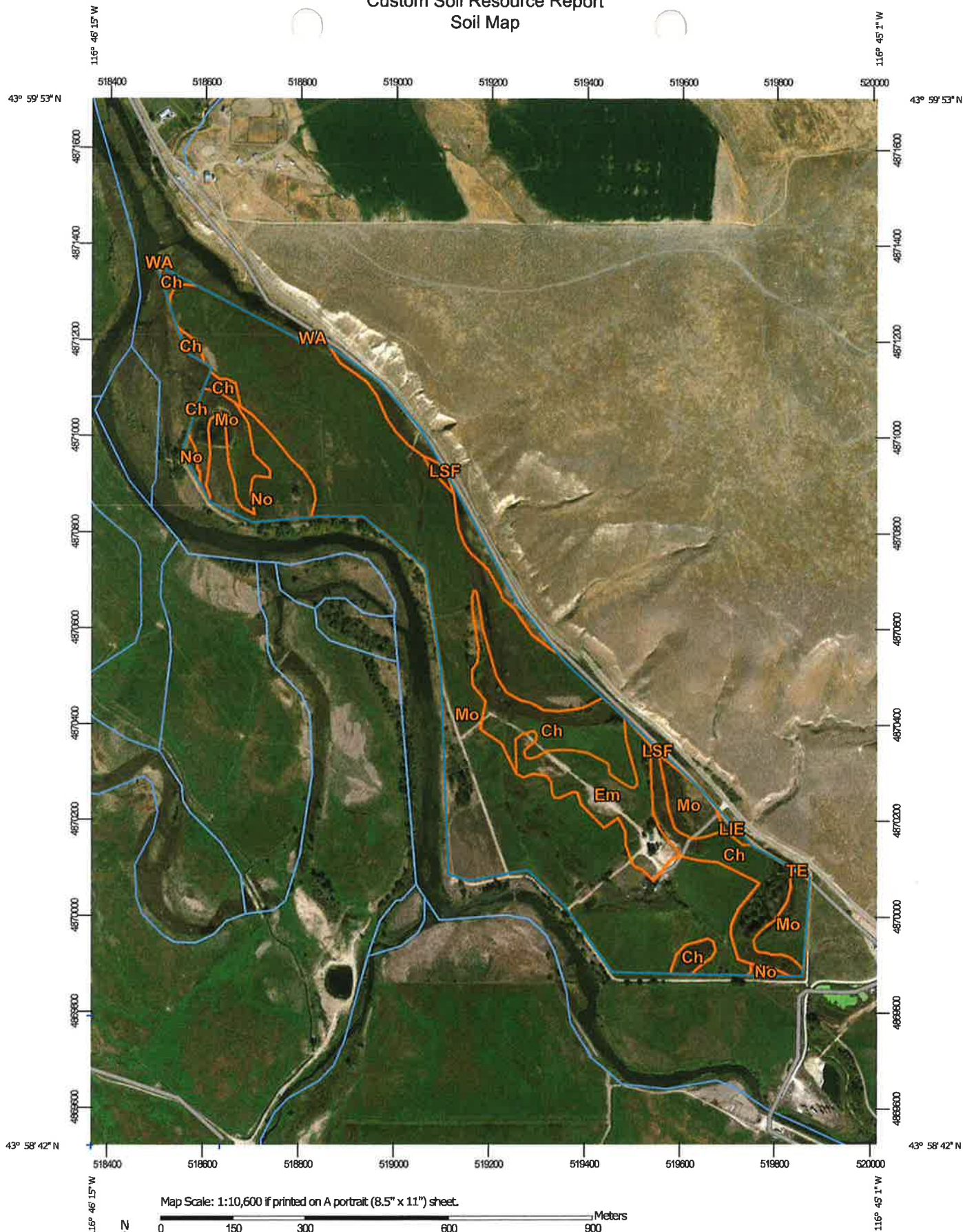
User Input
Calculated value
Formula Explanations

Surface Area (AC.)	144	"Surface Area" is automatically carried over from the "Seepage Loss" sheet.
Average Pond Depth (FT.)	0.5	"Average Pond Depth" depicts the actual depth of the pond either measured or estimated. Note: If you know the maximum depth and not the average depth, the Field Examiner's Handbook suggests multiplying the maximum depth by 0.4 to get the average depth, or you can use any method that seems reasonable to attain average depth.
Pond Capacity (AF)	72	Pond Capacity is calculated by multiplying the Pond Surface Area by the Average Pond Depth. If you know the capacity, divide the capacity by surface area and enter the average pond depth in the space above. <i>Note: If pond capacity is determined using a method shown on the "Pond Capacity" sheet, the user may need to modify the value of "Pond Capacity" (cell B9) manually. Note that if the value is modified manually, the formula will be altered for future use.</i>
Multiple Fill Volume Above Initial Fill to Fulfill From Storage Needs- "Multiple Fills" (AF)	0	The "Multiple Fill Volume Above Initial Fill" is the acre-feet of water required to meet a <i>from storage</i> component if the <i>from storage</i> component exceeds a one time fill. This section should not include the amount of water needed to fill the pond initially or the amount of water needed to maintain the pond level due to evaporation or seepage. For example: if a pond has a capacity of 5 acre feet and 2.5 acre feet of seepage and evaporation, but the pond is used for irrigation that requires 10 acre feet of from storage for the irrigation use, then you would insert 5 acre feet into this location (10 acre feet needed - 5 acre feet from the initial fill = 5 acre feet of additional storage needed). <i>Note: You must have a "From Storage" component exceeding the initial fill on the permit to include a volume in this space.</i>
Estimated Seepage Loss (AF)	4348.5	The "Estimated Seepage Loss" is automatically carried over from the "Seepage Loss" sheet.
Estimated Evaporation Loss (AF)	14.6	The "Estimated Evaporation Loss" is automatically carried over from the "Evaporation Loss" sheet.
Total Volume Required (AF)	4435.1	The "Total Volume Required" is calculated by adding the Pond Capacity, Multiple Fills, Seepage Loss, and Evaporation Loss amounts to determine the total amount of storage required.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Ch	Chance fine sandy loam	20.2	14.5%
Em	Emerson sandy loam	9.6	6.9%
LIE	Lolaila sandy loam, 12 to 30 percent slopes	0.4	0.3%
LSF	Lolaila-Sarailegul association, steep	4.4	3.2%
Mo	Moulton fine sandy loam	96.9	69.4%
No	Notus coarse sandy loam	7.6	5.4%
TE	Terrace escarpments	0.0	0.0%
WA	Water	0.4	0.3%
<b>Totals for Area of Interest</b>		<b>139.5</b>	<b>100.0%</b>

# Custom Soil Resource Report Soil Map





# Custom Soil Resource Report

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—Payette County, 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
Ch—Chance fine sandy loam														
Chance	85	A/D	0-8	Fine sandy loam	SC-SM, SC	A-4, A-6	0-0-0	0-0-0	100-100-100	100-100-100	88-93-98	39-44-49	22-29-35	6-9 -13
			8-30	Fine sandy loam, sandy loam	SC-SM, SC	A-2, A-4, A-6	0-0-0	0-2-4	84-91-100	68-82-100	61-76-97	27-35-47	20-25-30	6-9 -12
			30-60	Sand, gravel	GP	A-1	0-0-0	0-0-0	35-40-45	35-40-45	25-30-35	0-1-2	0-0-0	NP
Em—Emerson sandy loam														
Emerson	90	A	0-26	Sandy loam	SM, SC-SM, SC	A-2, A-4	0-0-0	0-0-0	95-97-100	91-94-100	64-72-83	29-36-45	0-21-28	NP-5 -10
			26-60	Loamy coarse sand, coarse sand, sand	SM, SP-SM, SC-SM, SP	A-2, A-3, A-1	0-0-0	0-0-0	84-91-100	64-80-100	27-38-54	2-8-16	0-18-25	NP-3 -7
LIE—Lolaita sandy loam, 12 to 30 percent slopes														
Lolaita	90	A	0-7	Sandy loam	SC, SM, SC-SM	A-6, A-2, A-4	0-0-0	0-0-0	95-97-100	90-93-100	65-73-85	31-39-48	17-24-31	2-7 -12
			7-60	Sandy loam, coarse sandy loam	SC, SM, SC-SM	A-6, A-2, A-4	0-0-0	0-0-0	95-97-100	91-94-100	65-73-85	31-39-48	17-24-31	2-7 -12

Custom Soil Resource Report

Engineering Properties—Payette County, Idaho													
Map unit symbol and soil name	Pct. of map unit	Hydrologic group	Depth	USDA texture	Classification		Pct Fragments		Percentage passing sieve number—				Plasticity index
					Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200	
LSF—Lolaita-Saralegui association, steep			In				L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H
Lolaita	45	A	0-7	Coarse sandy loam	SC, SM, SC-SM	A-2, A-4	0-0-0	0-0-0	95-97-100	90-94-100	52-60-71	29-37-46	2-7-12
			7-60	Sandy loam, coarse sandy loam	SM, SC-SM, SC	A-2, A-4	0-0-0	0-0-0	95-97-100	91-94-100	52-60-71	29-37-45	2-7-12
Saralegui	30	A	0-4	Coarse sandy loam	SM, SC-SM	A-2, A-4	0-0-0	0-0-0	95-97-100	91-94-100	54-59-67	30-35-40	2-5-7
			4-22	Sandy loam	SC, SC-SM	A-2, A-4, A-6	0-0-0	0-0-0	95-97-100	91-94-100	65-72-82	31-36-44	4-8-12
			22-42	Gravelly sandy loam, coarse sandy loam	SC-SM	A-1, A-2, A-4	0-0-0	0-0-0	71-95-100	41-80-100	26-51-66	15-30-40	4-6-7
			42-60	Sandy loam	SC-SM	A-2, A-4	0-0-0	0-0-0	95-97-100	91-94-100	69-73-80	35-38-42	4-6-7
Mo—Moulton fine sandy loam													
Moulton	80	B	0-8	Fine sandy loam	SC-SM, SM, SC	A-6, A-2, A-4	0-0-0	0-0-0	91-95-100	82-90-100	72-84-98	32-40-49	6-9-13
			8-30	Fine sandy loam, sandy loam	SC-SM, SC	A-2, A-6, A-4	0-0-0	0-0-0	91-95-100	82-90-100	72-84-98	32-40-49	6-9-13
			30-60	Very gravelly loamy sand, very gravelly sand	GW, SP-SC, GP, GP-GM, SP-SM	A-1	0-0-0	0-0-0	51-57-65	30-45-65	23-36-54	3-6-10	2-4-6

Custom Soil Resource Report

Engineering Properties—Payette County, 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			
No—Notus coarse sandy loam			<i>In</i>				L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	
Notus	85	A	0-14	Coarse sandy loam	SM, SC-SM	A-2, A-4	0-0-0	0-0-0	85-93-100	85-92-100	51-58-65	29-33-39	17-21-24	2-4-6	
			14-60	Very gravelly sand	GP, SP-SM	A-1	0-0-0	0-0-0	46-54-56	44-52-54	33-40-43	3-5-6	0-16-20	NP-1-3	
TE—Terrace escarpments															
Terrace escarpments	100		0-5	Fine sandy loam	CL, SC-SM, SM	A-2, A-4	0-0-0	0-3-4	86-92-100	69-82-100	59-75-97	28-38-51	17-23-28	2-6-10	
			5-60	Fine sandy loam	SC-SM, SM, CL	A-2, A-4	0-0-0	0-3-4	86-92-100	69-82-100	59-75-97	28-38-51	17-23-28	2-6-10	



AUG 17 2020

**SPF WATER**  
ENGINEERINGWATER RESOURCES  
WESTERN REGION

August 13, 2020

Patrick Kelly, Water Rights Supervisor  
IDWR Western Region Office  
2735 Airport Way  
Boise, ID 83705

**Subject:**     ***Application for Permit***

Dear Patrick,

Enclosed on behalf of Eagle Island Ranch, is an *Application for Permit* proposing diversion of 9.9 cfs from the Payette River for wildlife and recreation uses (intermittent field flooding) during duck season. Please see the application remarks for additional information.

Check No. 2140 is enclosed for the \$1,510 filing fee. Thank you very much for your consideration and assistance in this matter. Please call me if you have any questions.

Sincerely,

Lori Graves  
Water Rights Specialist

Cc: Doug Carnahan

Enclosures

SPF file number: 1458.0020

## Thorneycroft, Kensie

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**From:** Thorneycroft, Kensie  
**Sent:** Friday, October 02, 2020 10:56 AM  
**To:** 'Pozzanghera, Casey'  
**Subject:** Application for Permit 65-23984, 63-23985  
**Attachments:** IDFG Recommendation Form.docx

Dear Interested Party:

The Idaho Department of Water Resources (IDWR) is seeking written comment and/or recommendations from your organization regarding the above referenced water right application. You can find a copy of the application at: <https://idwr.idaho.gov/apps/ExtSearch/WRAJSearch/WRADJSearch.aspx>. Please review the application, complete the enclosed recommendation form, and submit it to this office on or before **10/26/2020**.

IDWR can finish reviewing an unprotested application as soon as the protest period has past. Therefore, your prompt response to this request is appreciated. If your organization desires to formally protest the approval of this application, you may do so after the notice is published by filing a written protest along with a \$25.00 filing fee within 10 days after final publication.

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

Kensie Thorneycroft  
Administrative Assistant  
IDWR Western Region  
208-334-2190



Brad Little  
Governor

State of Idaho

## DEPARTMENT OF WATER RESOURCES

WESTERN Region • 2735 W AIRPORT WAY • BOISE, ID 83705-5082

Phone: (208)334-2190 • Fax: (208)334-2348 • Website: [www.idwr.idaho.gov](http://www.idwr.idaho.gov)

Gary Spackman  
Director

October 2, 2020

NESBITT MCFARLAND COOPERATIVE DITCH CO  
C/O PAUL E WHITE  
PO BOX 2212  
BOISE ID 83701

**RE: Permit No 65-23984**

Dear Interested Party:

The Department of Water Resources (IDWR) is seeking written comment and/or recommendations from your organization regarding the above referenced water right application. You can find a copy of the application at:

<https://idwr.idaho.gov/apps/ExtSearch/WRAJSearch/WRADJSearch.aspx>.

IDWR can finish reviewing an unprotested application as soon as the protest period has past. Therefore, your prompt response to this request is appreciated. If your organization desires to formally protest the approval of this application, you may do so after the notice is published by filing a written protest along with a \$25.00 filing fee within 10 days of the final publication.

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

Sincerely,

A handwritten signature in blue ink, appearing to read 'Kensie Thorneycroft', is written over a horizontal line.

Kensie Thorneycroft  
Administrative Assistant 1

Enclosure(s)





State of Idaho

DEPARTMENT OF WATER RESOURCES

WESTERN Region • 2735 W AIRPORT WAY • BOISE, ID 83705-5082

Phone: (208)334-2190 • Fax: (208)334-2348 • Website: [www.idwr.idaho.gov](http://www.idwr.idaho.gov)

Brad Little  
Governor

Gary Spackman  
Director

October 2, 2020

IDAHO DEPT OF LANDS  
300 N 6TH ST STE 103  
BOISE, ID 83702-6098

**RE: Application for Permit No. 65-23984**

Dear Interested Party:

The Department of Water Resources (IDWR) is seeking written comment and/or recommendations from your organization regarding the above referenced water right application. You can find a copy of the application at:  
<https://idwr.idaho.gov/apps/ExtSearch/WRAJSearch/WRADJSearch.aspx>.

IDWR can finish reviewing an unprotested application as soon as the protest period has past. Therefore, your prompt response to this request is appreciated. If your organization desires to formally protest the approval of this application, you may do so after the notice is published by filing a written protest along with a \$25.00 filing fee within 10 days of the final publication.

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

Sincerely,

Kensie Thorneycroft  
Administrative Assistant 1

Enclosure(s)



State of Idaho

DEPARTMENT OF WATER RESOURCES

WESTERN Region • 2735 W AIRPORT WAY • BOISE, ID 83705-5082

Phone: (208)334-2190 • Fax: (208)334-2348 • Website: [www.idwr.idaho.gov](http://www.idwr.idaho.gov)

Brad Little  
Governor

Gary Spackman  
Director

October 2, 2020

EAGLE ISLAND RANCH INC  
C/O DOUG CARNAHAN  
7270 N TREE HAVEN PL  
MERIDIAN, ID 83646-4979

**RE: Application for Permit No. 65-23984**

Dear Applicant(s):

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 INDEPENDENT ENTERPRISE on 10/7/2020 and 10/14/2020. 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,

Kensie Thorneycroft  
Administrative Assistant

CC:  
WILLIAM T ACORD  
SPF WATER ENGINEERING LLC

## Thorneycroft, Kensie

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**From:** Thorneycroft, Kensie  
**Sent:** Friday, October 02, 2020 10:59 AM  
**To:** 'legals@ind-ent.com'  
**Subject:** Payette Legal Notice  
**Attachments:** CoverLetter.docx; LegalNotice.docx

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Good Morning Legal Clerk,

I am sending you the new legal notices, please send confirmation to my email.

Please see the attached ad for publication on 10/7/2020 and 10/14/2020.

Please confirm these are okay to publish as shown.

Kensie Thorneycroft  
Administrative Assistant  
IDWR Western Region  
208-334-2190



**State of Idaho**

**DEPARTMENT OF WATER RESOURCES**

WESTERN Region • 2735 W AIRPORT WAY • BOISE, ID 83705-5082

Phone: (208)334-2190 • Fax: (208)334-2348 • Website: [www.idwr.idaho.gov](http://www.idwr.idaho.gov)

Brad Little  
Governor

Gary Spackman  
Director

October 2, 2020

LEGAL NOTICE DEPARTMENT  
INDEPENDENT ENTERPRISE  
124 S MAIN  
PAYETTE, ID 83661

RE: Application for Permit No. 65-23984

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 10/26/2020. Your cooperation is appreciated.

Sincerely,

Kensie Thorneycroft  
Administrative Assistant

Enclosure(s)



The following application(s) have been filed to appropriate the public waters of the State of Idaho:

**65-23984**

EAGLE ISLAND RANCH INC

C/O DOUG CARNAHAN

7270 N TREE HAVEN PL

MERIDIAN, ID 83646-4979

Point of Diversion L1( SWSE) S36 T08N R04W PAYETTE County Source PAYETTE RIVER Tributary SNAKE RIVER

Point of Diversion L3( SENW) S7 T07N R03W PAYETTE County Source PAYETTE RIVER Tributary SNAKE RIVER

Use: WILDLIFE 11/01 to 03/31 9.9 CFS

Use: WILDLIFE STORAGE 11/01 to 03/31 4435.4 AF

Use: DIVERSION TO STORAGE 11/01 to 03/31 9.9 CFS

Use: RECREATION 11/01 to 03/31 9.9 CFS

Use: RECREATION STORAGE 11/01 to 03/31 4435.4 AF

Total Diversion: 9.9 CFS 4435.4 AF

Date Filed: 08-17-2020

Place Of Use: RECREATION, RECREATION STORAGE, WILDLIFE, WILDLIFE STORAGE

T08N R04W S36 L4(NENW), NESE, NWNW, L2(NWSE), SWNE, SWNW, L1(SWSE), L3(SENW), SESE

Total Acres: 144

Permits will be subject to all prior water rights. For additional information concerning the property location, contact the Western office at (208)334-2190; or for a full description of the right(s), please see <https://idwr.idaho.gov/apps/ExtSearch/WRApplicationResults/>. 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, Western Region, 2735 W AIRPORT WAY, BOISE ID 83705-5082 together with a protest fee of \$25.00 for each application on or before 10/26/2020. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Director

Published on 10/7/2020 and 10/14/2020