

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-17306

Exam Date: 08/07/2023

1. Current Owner:
DONALD MITCHELL ASCHINGER 125 GREENWAY ST FREDERICKSBURG VA 22405-2739
2. Accompanied by: Luke Bates, Interim Water Right Supervisor with written permission from applicant (see email).
Phone No:
Address:
Relationship to permit Holder:

3. SOURCE: UNNAMED STREAM

Tributary
LITTLE PLUMMER CREEK

Method of Determination: Field Exam, ArcMap and GPS Locator -116 49.0018, 47 20.2208 +/- 10

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NO Overlap
2. Other water rights with the same point-of-diversion: NO Overlap

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

UNNAMED STREAM NW¼ NE¼, Sec. 15, Twp 46N, Rge 04W, B.M. BENEWAH County with evidence of a spring uphill from pond with heavily grassed flow to pond.

Method of Determination: Field Exam and GPS Locator -116 49.0018, 47 20.2208 +/- 10

PLACE OF USE: WILDLIFE STORAGE

[illegible]

PLACE OF USE: RECREATION STORAGE

[illegible]

PLACE OF USE: FIRE PROTECTION STORAGE

[illegible]

PLACE OF USE: STOCKWATER STORAGE

[illegible]

Method of Determination:

3.

☒ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.

☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.

☒ Aerial Photo Attached (required for irrigation of 10+ acres).

☒ Photo of Diversion and System Attached

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
NONE					

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
NONE						

2. Measurements: Using our diagram we drew the pond borders, which are evident on ArcMap, and we located the flow through pints both into the pond and out of the pond. There is a Rock overflow area noted on map as well.

E. FLOW CALCULATIONS

Measured Method: No evidence of current flow so no measurements could be taken.

F. VOLUME CALCULATIONS

- Volume Calculations for irrigation: N/A
- Volume Calculations for Other Uses: **See attached Pond Analysis Worksheet**

G. NARRATIVE/REMARKS/COMMENTS

Department staff performed a field exam on 8/7/2023 unaccompanied, with the applicant Mr. Donald Mitchell Aschinger authorizing property access prior to the exam, which showed an unnamed stream with evidence of a spring uphill from pond with heavily grassed flow to pond. The uses for the pond are Recreation Storage, Fire Protection Storage, Wildlife Storage & Stockwater Storage. There was evidence for stock being present as seen by their footprints. At the POD, the applicant has an existing pond with an earthen dam that impounds unnamed stream water from a spring located uphill from pond on the applicant's property. The pond has a rock overflow channel that allows overflow discharge to route downstream from the small basin the pond resides in.

The POD was designated by Field Exam to be an earthen pond dam constructed along the down slope of the pond. Due to the spring located near the pond, the immediate area around the pond was like a wetland environment but the applicant's property is not a designated wetland. Photographs were taken that illustrate the pond and the rock channel outflow serving as the overflow device for the pond. The storage pond serves as the POU for multiple storage beneficial uses detailed above, and no water is actively pumped from the pond for use by the applicant.

During licensing review, ArcMap aerial imagery coupled with field exam notes were used to trace out the pond's surface area, which rounds up to 0.4 acres considering department rounding standards. The pond has a maximum depth of 17 feet, an average depth of 6.8 ft, a pond capacity of 2.7 af, and an estimated seepage/evaporation loss of 0.8 af. Based on pond development and current pond analysis worksheet calculations, each beneficial use annual volume equals 3.6 af, which is not additive toward the maximum diversion volume of 3.6 af recommended for licensing this right.

Condition 220 was removed based on licensing guidance from Shelley Keen – IDWR Regional Operations Bureau Chief. Condition 219 was revised to reflect accurate pond volume data derived during licensing review. All other conditions on the permit shall be carried to licensing. There are no overlap concerns for this water right.

Have conditions of permit approval been met? X Yes No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
WILDLIFE STORAGE	01/01 to 12/31		3.6 AF
RECREATION STORAGE	01/01 to 12/31		3.6 AF
FIRE PROTECTION STORAGE	01/01 to 12/31		3.6 AF
STOCKWATER STORAGE	01/01 to 12/31		3.6 AF

Totals:

3.6 AF

2. Recommended Amendments

Change P.D. as reflected above Add P.D. as reflected above X None

Change P.U. as reflected above Add P.U. as reflected above X None

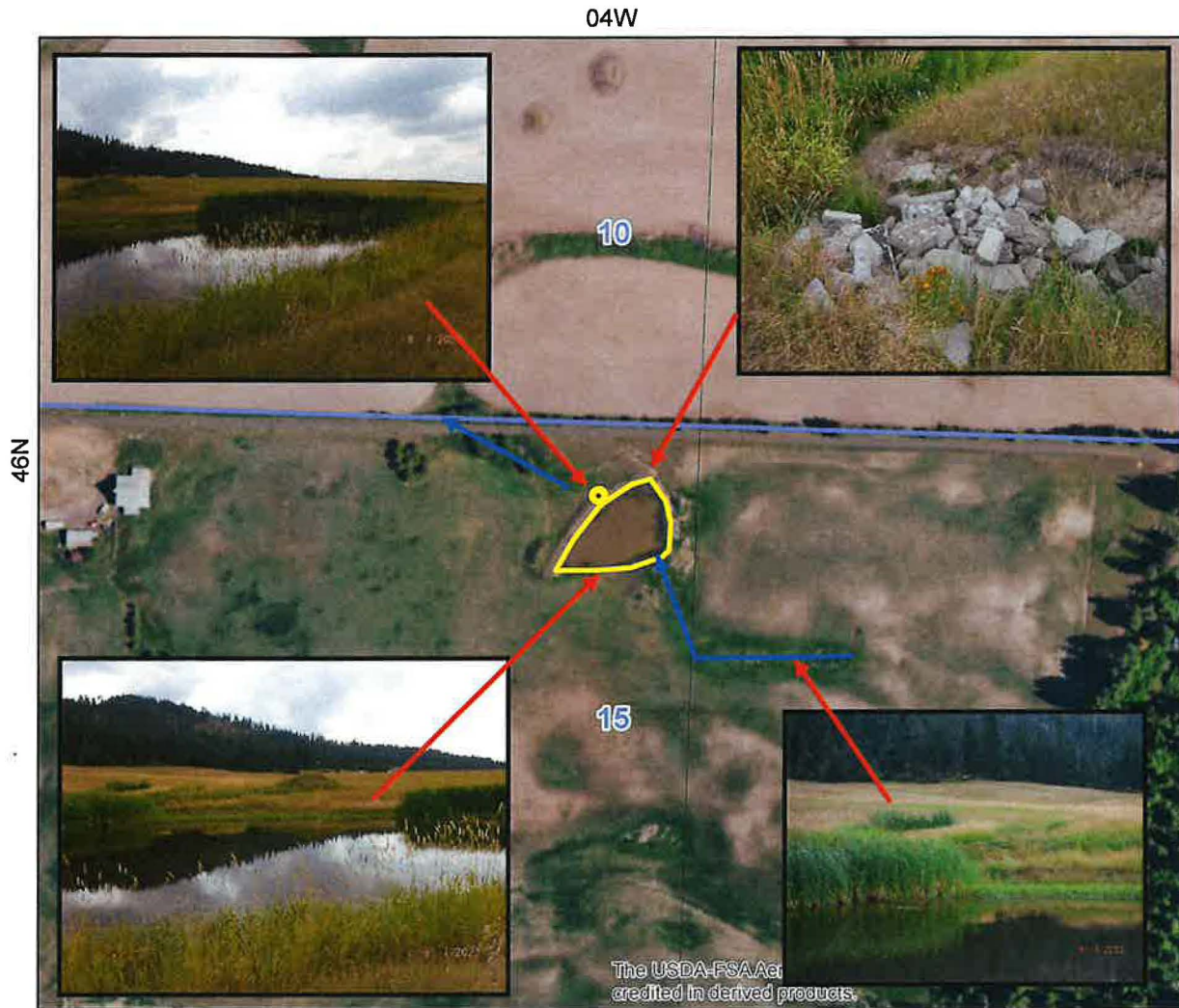
I. AUTHENTICATION Tammy Alleman -

Field Examiner's Name Tammy Allen Date 11/28/23

Reviewer Chase Bell Date 5/24/24

State of Idaho
Department of Water Resources
Attachment to Field Exam
95-17306

This map depicts the WILDLIFE STORAGE, STOCKWATER STORAGE, RECREATION STORAGE, and FIRE PROTECTION STORAGE place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.



0 0.035 0.07 0.14 Miles

-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters
-  Point of Diversion



Total Storage Calculations

FILE NUMBER	95-17306
REVIEWER	Tammy Alleman
DATE	11/28/2023

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.)	0.4	"Surface Area" is automatically carried over from the "Seepage Loss" sheet.
Average Pond Depth (FT.)	6.8	"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)	2.7	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. 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.

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). Note: You must have a " <u>From Storage</u> " component exceeding the initial fill on the permit to include a volume in this space.
Estimated Seepage Loss (AF)	0.4	The "Estimated Seepage Loss" is automatically carried over from the "Seepage Loss" sheet.
Estimated Evaporation Loss (AF)	0.4	The "Estimated Evaporation Loss" is automatically carried over from the "Evaporation Loss" sheet.
Total Volume Required (AF)	3.6	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.

95-17306

BENEFICIAL USE FIELD EXAM 8/7/23



POD - EARTHEN DAM FOR POND



ROCK OUTFLOW CHANNEL



POU - POND STORAGE FOR WILDLIFE STORAGE, STOCKWATER STORAGE,
RECREATION STORAGE & FIRE PROTECTION STORAGE (BOTH PICTURES)





GREEN TRAIL ON BOTH PICTURES REPRESENTS STREAM FLOW CONTINUATION PAST POND



Alleman, Tammy

From: Dr Dennis Brittain <drb@svrapture.com>
Sent: Wednesday, August 2, 2023 11:07 AM
To: Alleman, Tammy
Subject: Re: Field Exam for Water Right Permit #95-17306

CAUTION: This email originated outside the State of Idaho network. Verify links and attachments BEFORE you click or open, even if you recognize and/or trust the sender. Contact your agency service desk with any concerns.

Tammy,

This is Dennis, Mitch's neighbor right above the pond. I work in CdA M, W & F. So I won't be at home on Monday but you are welcome to drive up our driveway (102 Agte), the first one on the left once you turn onto Agte Road. I will be there on Tue and Thur if I need to be there.

Sincerely,
Dr. Dennis D. Brittain, D.C.
Office: (208) 967-2208

www.brittainchiropractic.com

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On Aug 2, 2023, at 10:20 AM, Alleman, Tammy <Tammy.Alleman@idwr.idaho.gov> wrote:

Thank you very much! We should be there around 12:30 pm.

From: Mitch Aschinger <aschingerdm@gmail.com>
Sent: Wednesday, August 2, 2023 9:43 AM
To: Alleman, Tammy <Tammy.Alleman@idwr.idaho.gov>
Cc: Dennis Brittain <drb@svrapture.com>
Subject: Re: Field Exam for Water Right Permit #95-17306

CAUTION: This email originated outside the State of Idaho network. Verify links and attachments BEFORE you click or open, even if you recognize and/or trust the sender. Contact your agency service desk with any concerns.

Hello Tammy,

I authorize you to conduct a field examination pertaining to the Water Rights Permit #95-17306 on my property on Monday, August 7th. Please note that I won't be present at the property on that day.

However, I have cc'd my neighbor, Dennis Brittan, who resides to the east of us, above the pond, and keeps a close watch on my property.

Best regards,
Mitch

D. M. Aschinger

Email aschingerdm@gmail.com

VOIP [540-621-5120](tel:540-621-5120)

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On Tue, Aug 1, 2023 at 12:02 PM Alleman, Tammy <Tammy.Alleman@idwr.idaho.gov> wrote:

RE: Scheduling Field Exam for Water Right Permit No. 95-17306

Dear Donald Mitchell Aschinger,

My name is Tammy Alleman with Idaho Department of Water Resources. I have been asked to perform several field exams in the Plummer area on **Monday, 7th of August 2023**. I would like to schedule a time to conduct a water right licensing examination(s) for Permit 95-17306 at approximately **12:30 p.m.** It is recommended that yourself or someone familiar with the water system associated with the permit(s) be present for the exam.

Typically, an exam will take approximately 1 hour or less, depending on the complexity of the system.

If you are not able to accompany me during the field visit, you can write or email a letter to me giving me permission to enter your property and validate the water right.

Our records indicate that you are the current water right permit holder. **Please call or email me within the next 2 days at 208-762-2809 to let me know if this appointment date/time doesn't work for your schedule.**

I appreciate your attention to this matter, and I look forward to hearing from you.

<image001.png>