

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 97-9785

Exam Date: 05/06/2025

1. Current Owner:
JILL WEIMER PO BOX 55 PRIEST RIVER ID 83856

2. Accompanied by: Jake Weimer
Phone No: 208-610-4425
Address: Same as above
Relationship to permit Holder: Representative

3. **SOURCE:**
UNNAMED STREAM

Tributary
PEND OREILLE RIVER

Method of Determination: ArcMap and DRG Layer.

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 SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

UNNAMED STREAM NE¼ SE¼, Sec. 29, Twp 56N, Rge 04W, B.M. BONNER County

Method of Determination: GPS. The pond POD is an earthen dike/dam with culvert overflow device located at -116° 51.2557, 48° 10.3751.

PLACE OF USE: STOCKWATER STORAGE, RECREATION STORAGE, FIRE PROTECTION STORAGE, and
AESTHETIC STORAGE

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
56N	04W	29													X				

Method of Determination: Beneficial use field examination and ArcMap aerial imagery.

- 3.
- X Delivery System Diagram Attached (required). Indicate all major components and distances between components.
Indicate weir size/pipe as applicable.
- X Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be
1:24,000 or greater.
- X Aerial Photo Attached (required for irrigation of 10+ acres).
- X 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
Pond Earthen Dam					

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
N/A						

2. Measurements: None

E. FLOW CALCULATIONS

Measured Method: N/A

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation: N/A

2. Volume Calculations for Other Uses: See attached pond analysis worksheet.

- Stockwater Storage annual volume = 5 horses x 12 gpd x 365 days = 21,900 gal / 325,850 gal per af = 0.07 af or **0.1 af** considering Department rounding standards.

G. NARRATIVE/REMARKS/COMMENTS

A beneficial use field exam was performed on 5/6/2025 with the Permit Holder's representative, Mr. Jake Weimer, which showed an instream pond impounding unnamed stream water for multiple storage beneficial uses. The POD was GPS located as an earthen dam with metal culvert overflow channel that allows water to continue flowing downstream. There isn't a diversion rate associated with licensing this in-stream storage pond.

The Permit authorized development of Stockwater Storage, Recreation Storage, Fire Protection Storage, and Aesthetic Storage uses. I used field maps to validate the pond location during the exam, and during licensing review ArcMap aerial imagery was used to trace out the POU shape for the pond's surface area, with size & volume factors detailed below:

- Storage Pond – has a maximum depth of 20 feet, an average depth of 8 ft, a pond capacity of 1.6 af, and an estimated seepage & evaporation loss of 0.4 af. The total volume requirement to maintain the pond full year-round equals **2.0 af**.

Based on pond development and current pond analysis worksheet calculations, Recreation, Fire Protection, & Aesthetic Storage all have an annual volume equal to 2.0 af, which is non-additive toward the maximum diversion volume. The permit authorized a diversion volume of 3.3 af, but I noted the seepage factor was excessively high on the application filing, which explains the reduction in volume found on my license recommendation annual volume.

The Stockwater storage beneficial use is for 5 horses which are seasonally kept at the property; the horses stockwater directly from the pond and a horse barn is co-located with the pond. The stockwater annual volume equals **0.1 af** annually considering Department rounding standards. The maximum diversion volume recommended for licensing equals **2.1 af**.

I removed condition 220 from the permit during licensing review based on verbal directive from Shelley Keen – Deputy Director. I replaced condition 259 with condition 219 based on there being no multiple fill requirement for licensing purposes; the stockwater storage volume is wrapped into the storage pond volume and consists of less volume than either seepage or evaporation loss rate. I removed condition X02 which described the type and number of stock but isn't required for licensing purposes. I added condition 218 to designate that water shall not be diverted for Fire Protection use except to suppress an active fire. All other conditions on the Permit shall be carried forward to the license. There isn't any overlapping water right concerns toward licensing Permit 97-9785.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Annual Volume</u>
STOCKWATER STORAGE	01/01 to 12/31	0.1 AF
RECREATION STORAGE	01/01 to 12/31	2.0 AF
FIRE PROTECTION STORAGE	01/01 to 12/31	2.0 AF
AESTHETIC STORAGE	01/01 to 12/31	2.0 AF

Totals: 2.1 AF

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☒ None

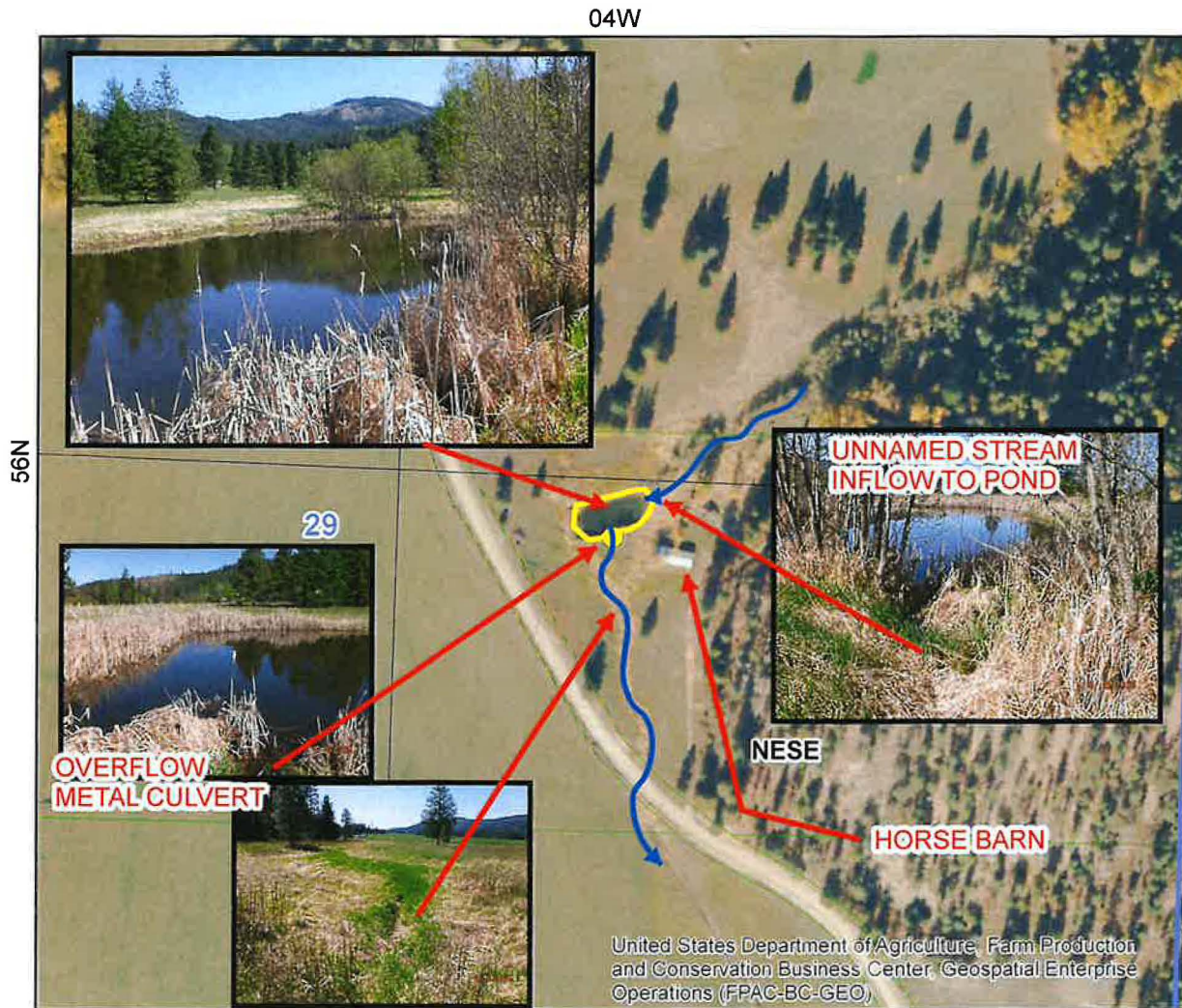
I. AUTHENTICATION Luke Bates – Sr Water Resource Agent

Field Examiner's Name *[Signature]* Date 7/16/2025

Reviewer Michelle Richman Date 8/7/2026

State of Idaho
Department of Water Resources
Attachment to Field Exam
97-9785

This map depicts the STOCKWATER STORAGE, FIRE PROTECTION STORAGE, RECREATION STORAGE, and AESTHETIC STORAGE system diagram.



0 0.035 0.07 0.14 Miles

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



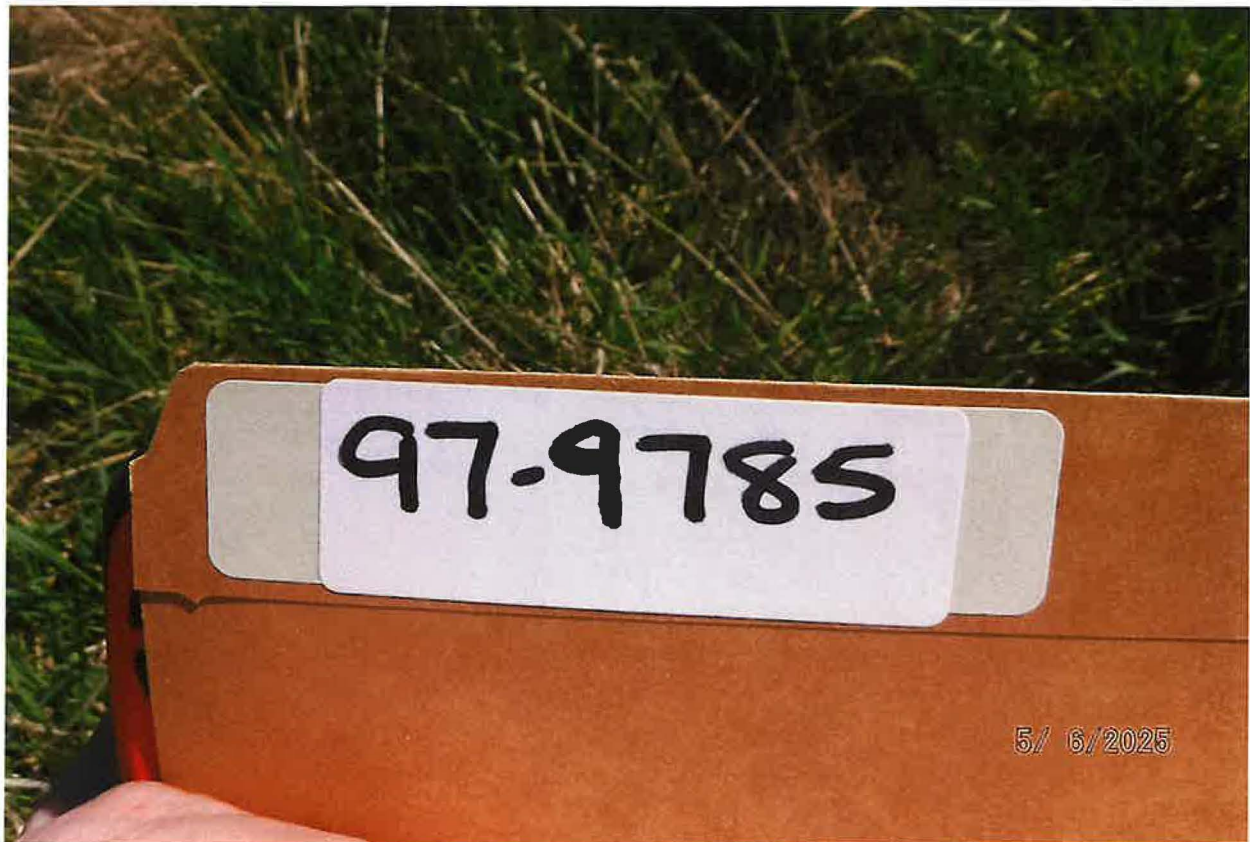
Total Storage Calculations

FILE NUMBER	97-9785
REVIEWER	Luke Bates
DATE	5/6/2025

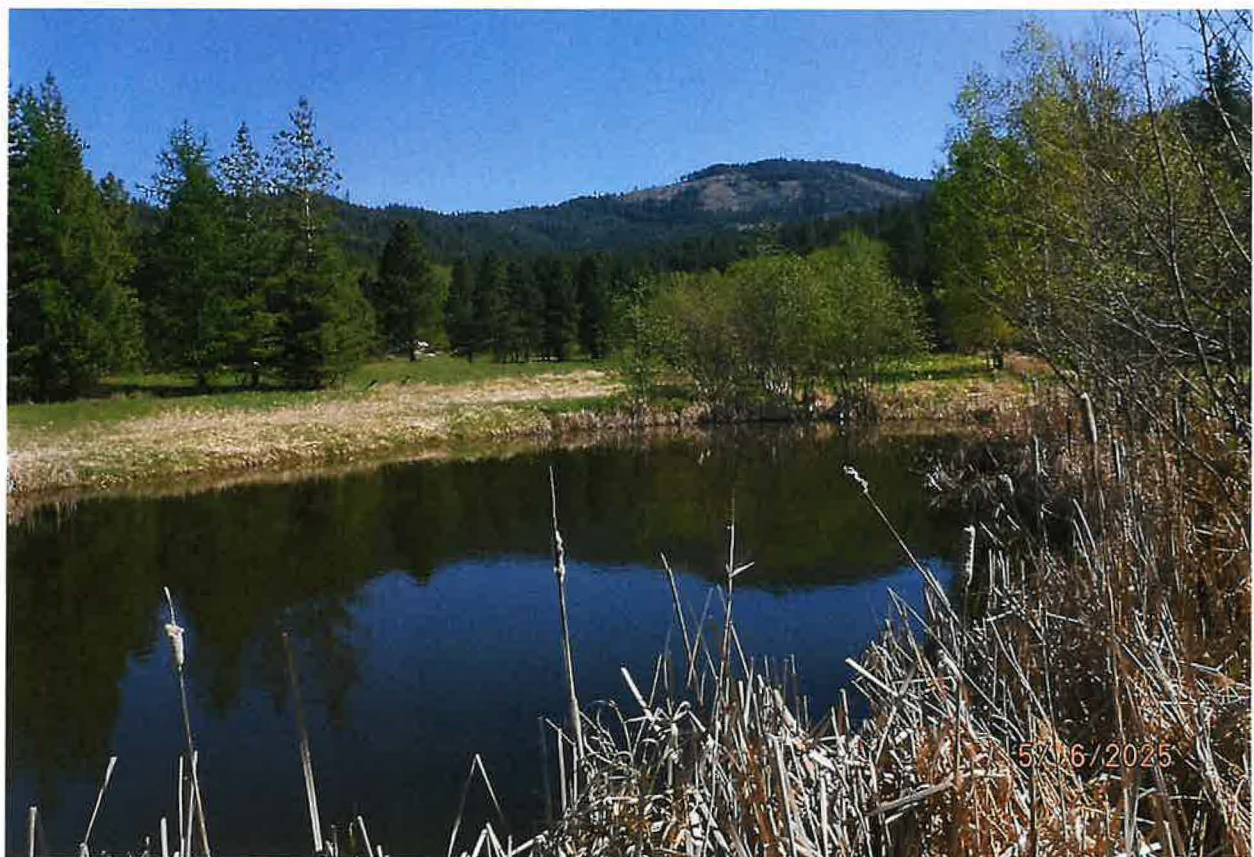
This spreadsheet has been designed by Idaho Department of Water Resources to estimate the total seepage, evaporation and fill capacity required for a pond.

User Input
Calculated value
Formula Explanations

Surface Area (AC.)	0.2	"Surface Area" is automatically carried over from the "Seepage Loss" sheet.
Average Pond Depth (FT.)	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)	1.6	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)	0.1	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)	0.2	The "Estimated Seepage Loss" is automatically carried over from the "Seepage Loss" sheet.
Estimated Evaporation Loss (AF)	0.2	The "Estimated Evaporation Loss" is automatically carried over from the "Evaporation Loss" sheet.
Total Volume Required (AF)	2.1	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.



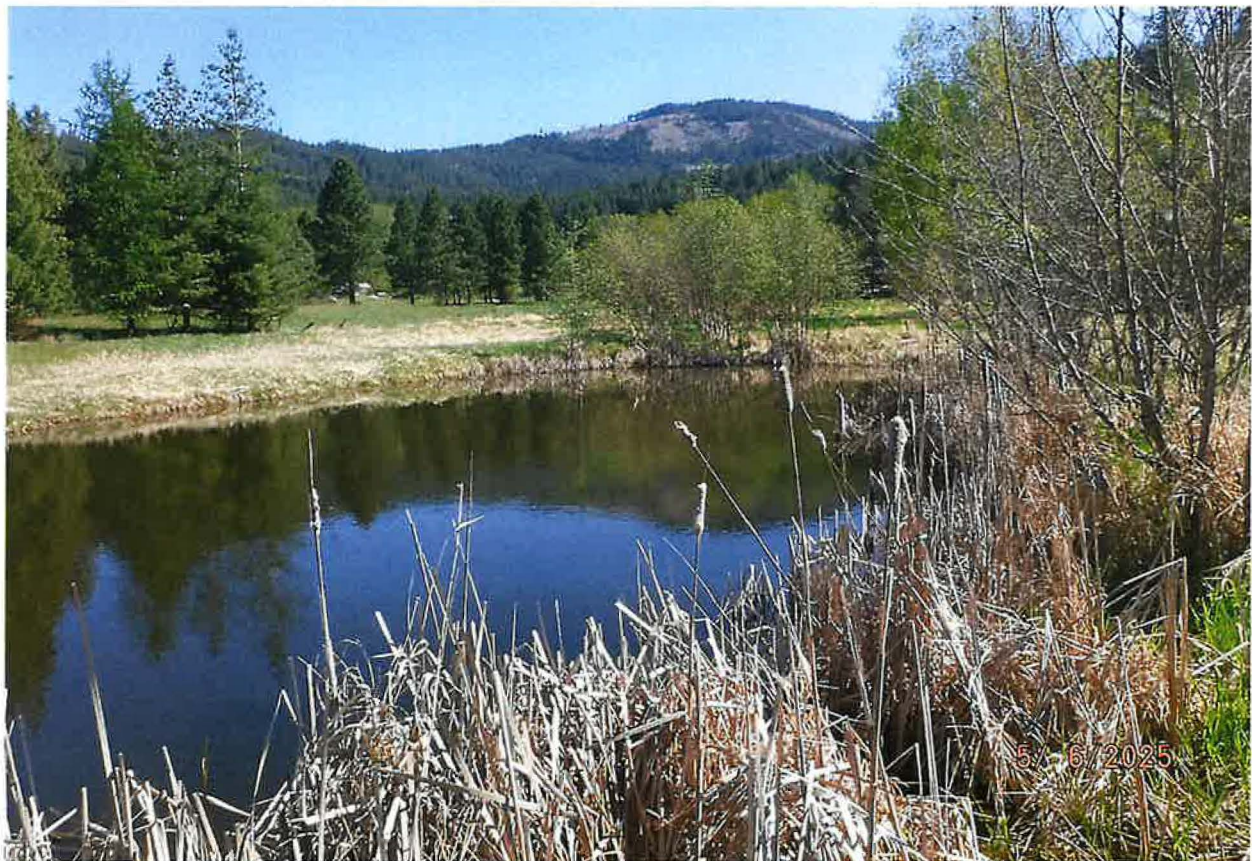
BENEFICIAL USE FIELD EXAM DATE 5/6/2025



POD/POU – EARTHEN DAM IMPOUNDING UNNAMED STREAM WATER FOR STOCKWATER, FIRE PROTECTION, AESTHETIC, AND RECREATION STORAGE PURPOSES



UNNAMED STREAM INFLOWING TO THE EASTERN END OF STORAGE POND



POD – EATHEN DAM (PHOTO STANDIGN A-TOP DIKE WITH OVEFLOW CULVERT
INSTALLED (ROUTING DIRECTLY BELOW #5 IN DATE R/H LOWER CORNER OF
PHOTO)



UNNAMED STREAM FLOWS IN CHANNEL WITH OVERFLOW DISCHARGING
THROUGH METAL CULVERT ON SOUTHERN PART OF STORAGE POND



POU – STORAGE POND (LOOKING NORTH FROM POND'S EARTHEN DAM) –
OVERFLOW CULVERT LOCATION