

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW/BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATIONExam Date: 4/11/2025

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? X Y N
- a. Irrigation of 5 acres or less
- b. X Storage of up to 14.6 AF for stockwater purposes only
- c. Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
- d. Other < >
2. Current Owner: Dominic and Kathy Ponozzo
- Owner of Record Correct? X Y N
- Address of Record Correct? X Y N
- If No Explain:
3. Beneficial Use Fees have been paid: X Y N Receipt No: C119944
4. Source: Tributary:
- Tammany Creek Snake River

Method of Determination: GIS, Idaho Tax Parcel Data, and the Permit Holders Statement of Completion for Proof of Beneficial Use (Proof Statement)

Change in Source: Y X N

B. OVERLAP REVIEW

1. Other water rights with the same place of use: No Overlap

Water Right No.	Source	Purpose of Use	Basis
85-11590	Groundwater	Stockwater, Domestic	Decree

Comments: Water Right (WR) 85-11590 overlaps part of the proposed place of use (POU). However, since diversion is from a different source and does not authorize stockwater storage it's unlikely there are any overlap concerns.

2. Other water rights with the same point of diversion: X No Overlap

Water Right No.	Source	Purpose of Use	Basis
N/A			

Comments: There are no WR's overlapping the permitted points of diversion (POD).

C. DIVERSION AND DELIVERY SYSTEM

1. Location of Point(s) of Diversion:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Tammany Creek	3		NW	SW	7	34N	04W	B.M.	Nez Perce
Tammany Creek	3		NW	SW	7	34N	04W	B.M.	Nez Perce
Tammany Creek	2		SW	NW	7	34N	04W	B.M.	Nez Perce
Tammany Creek	2		SW	NW	7	34N	04W	B.M.	Nez Perce
Tammany Creek	1		NW	NW	7	34N	04W	B.M.	Nez Perce

Method of Determination: GIS and Idaho Tax Parcel Data

Change in POD? Y X N Amendment Required? Y X N

2. Place of Use: Stockwater Storage

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
34N	04W	7						SS	SS			SS							
		Lot #						1	2			3							

Method of Determination: GIS, Idaho Tax Parcel Data, 2023 NAIP Imagery / May 2024 Google Earth Street View Imagery, and photographs provided with the permit holders Proof Statement.

Change in POU? Y X N Amendment Required? Y X N

3. Diversion System Information:

 X Aerial Photo indicating the location of the recommended POD and POU.

3. Diversion Id No.*	Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
N/A					

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

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

2. Measurement Comments: Since this permit qualifies for an in-office examination a measurement of diversion rate or volume is not required according to the IDAPA Beneficial Use Examination Rules.

E. FLOW CALCULATIONS

 X Additional Storage Volume Computation Sheets Attached

Measured Method: See measurement comments.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

V = (Acres Irrigated) x (Irrigation Requirement) = N/A (See #2)
I.R.

V = [Diversion Rate (cfs)] x (Days in Irrigation season) x 1.9835 = N/A (See #2)
D.R.

V = Smaller of V and V = N/A (See #2)

2. Volume Calculations for Other Uses: According to 2023 NAIP and May 2024 Google Street View Imagery the total surface area of the ponds is the same as applied for and permitted. 0.2 af. I contacted the permit holder on September 25th, 2025, and they confirmed the maximum depth of each pond at their fullest is 6 ft. Since the ponds are on stream and flow through the volume lost to seepage does not need to be considered. A pond analysis was conducted and determined the total volume required to keep the ponds full and account for estimated evaporation losses (0.3 af) is 0.8 af. The calculated total pond capacity is 0.5 af.

According to the permit holders Proof Statement they provide water for 10 cattle and 6 horses. According to the 1982 Annual Stockwater Use table the standard volume for range cattle and horses is 12 gal/day/head (see calculation below). Although the calculated total volume of the ponds is greater than the calculated use by livestock the ponds are in stream and flow through. Therefore, the remaining volume, excluding actual use by livestock and evaporative losses, of 0.2 af can be recommended. This is because the remaining 0.2 af is returned to the stream. I am recommending a storage volume of 0.8 af.

(12 gpd/head * 10 head range cattle) + (12 gpd/head * 6 head horses) = (240 gpd/head / 842.15 gal/day) = 0.28 af or 0.3 af rounded.

G. PURPOSE OF USE

Irrigation Y X N # Stock 10 Range Cattle and 6 Horses Domestic # of Homes N/A

Change in Purpose of Use? Y X N

Method of Determination: GIS, Idaho Tax Parcel Data, 2023 NAIP / May 2024 Google Earth Street View Imagery, and the permit holders Proof Statement.

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-office examination. The permit authorized stockwater storage for 20 mixed livestock for 5 existing on-stream ponds diverting from Tammany Creek. 2023 NAIP Aerial, May 2024 Google Earth Street View, and photographs provided with the permit holders Proof Statement confirmed the ponds have a total surface area of 0.2 acres. There is a condition on the permit requiring the permit holder to install a fish screen meeting the fish screening and passage requirements of the Idaho Department of Fish and Game. However, since the diversion system is flow through and in-stream there is no reason a fish screen would need to be installed.

Because the permit qualifies for an in-office examination a flow or volume measurement is not required according to the IDAPA Beneficial Use Examination Rules. A pond analysis needed to be conducted to determine the total volume required to fill the ponds and account for evaporative losses. Unfortunately, the permit holder did not provide the average or maximum depths of the ponds which is required to complete a pond analysis. The permit holder was contacted on September 25th, 2025, and confirmed all of the ponds have a max depth of 6ft when full. With this information the pond analysis conformed the total capacity of the ponds is 0.5 af and there are 0.3 af evaporative losses and 0.8 af total volume required to keep the ponds full.

According to the permit holders Proof Statement they provide water for 10 cattle and 6 horses. According to the 1982 Annual Stockwater Use table the standard volume for range cattle and horses is 12 gal/day/head. According to the calculation, actual use by livestock, 0.3 af, is far less than the calculated total volume required to keep the ponds full. However, since ponds are in-stream and flow through the remaining volume(0.2 af), excluding use by livestock and evaporative losses, will re-enter Tammany Creek. Therefore, there is no reason to limit the recommended volume to less than the total volume required to keep the ponds full. All of the conditions on the permit have been met, and development of beneficial use was confirmed within authorization of the permit. Therefore, I am recommending a 0.8 af stockwater storage volume.

Conditions X13, 219, and 220 should remain on the license. Condition 219 should be updated to match the recommended diversion volume. Condition 029 should be removed from the license because its unnecessary for a fish screen to be installed on in-stream, flow through diversion system. Condition X02 should be removed as is standard with licensing. Finally condition 004 should be removed because Idaho Tax Parcel Data confirms there are no legal access concerns to the POD's or POU.

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

I. RECOMMENDATIONS

1. Recommended Amounts:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>ANNUAL VOLUME</u>
Stockwater Storage	01/01 – 12/31	0.8 AF
<u>Totals:</u>		0.8 AF

2. Recommended Amendments:

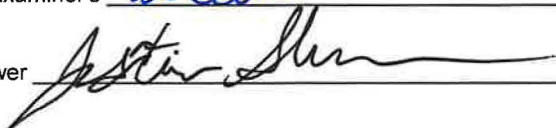
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

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

J. AUTHENTICATION

Field Examiner: **Skyler Cheever – Water Resource Agent, Sr – State Office**

Field Examiner's  Date 1/2/2026

Reviewer  Date 1/2/2026

Field Exam Map

Map showing the authorized point of diversion (yellow point) and place of use (orange outline).



Total Storage Calculations

FILE NUMBER	85-15849
REVIEWER	Skyler Cheever
DATE	9/25/2025

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.)	2.4	"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)	0.48	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)	0.0	The "Estimated Seepage Loss" is automatically carried over from the "Seepage Loss" sheet.
Estimated Evaporation Loss (AF)	0.3	The "Estimated Evaporation Loss" is automatically carried over from the "Evaporation Loss" sheet.
Total Volume Required (AF)	0.8	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.

Flow Rate into Pond (CFS)	0.00	The "Flow Rate into Pond" depicts the actual flow, either measured or estimated, into the pond. For offstream facilities, this will be equivalent to "diversion to storage" rate.
Highest Daily Evaporation Rate From Evaporation Tab. (mm/Day)	3.95	This number is carried over from the "Evaporation Loss" sheet. It is the highest recorded number in the "Precipitation Deficit Table".
Required Daily Maintenance Volume (AF/Day)	0.00	"Required Daily Maintenance Volume" is the maximum volume of water needed on any given day during the year to maintain pond volume. It is calculated by adding the highest daily evaporation loss to the average daily seepage loss in acre feet. The average daily seepage loss is calculated by dividing the "Estimated Seepage Loss" by 365 days. This is acceptable, since the seepage rate shouldn't vary throughout the season unless the pond completely freezes over during the winter months. The highest daily evaporation loss is calculated by dividing the Highest Daily Evaporation Rate by the 304.8 conversion factor and multiplying this number by the pond surface area to attain a combined daily acre feet requirement.
Minimum Maintenance Flow (CFS)	0.00	The "Minimum Maintenance Flow" is the minimum amount of flow required to maintain the level of the pond. This number is determined by dividing the "Maximum Required Daily Maintenance Volume" by 1.9835. This flow can be used to determine if the flow rate into the pond is adequate to maintain the pond level.
Days Required to Fill the Pond	-185	The "Days Required to Fill the Pond" is calculated by dividing the "Pond Capacity" by the "Flow Rate" minus "Minimum Maintenance Flow" multiplied by 1.9835. This section will assist you in determining if the flow rate being diverted to the pond is adequate to fill the pond while maintaining the pond level. The length of time to fill the pond will help determine if the flow rate is adequate for the size of pond being proposed. If this number is approximately 6 months (180 days) or more, the reviewer should have a discussion with the applicant to make sure he/she understands that it will take a significant length of time to fill the pond.
Days Required to Fill the Pond at 13,000 Gallons per Day	13	Some water users may want to fill a pond under the 13,000 gallons per day domestic exemption. The "Days Required to Fill the Pond at 13,000 Gallons per Day" is calculated by converting the "Pond Capacity" and the "Required Daily Maintenance Volume" to gallons. The "Pond Capacity" is then divided by 13,000 gallons minus the "Required Daily Maintenance Volume" in gallons to determine the number of days to fill pond. If this number is approximately 6 months (180 days) or more, the reviewer should have a discussion with the applicant to make sure he/she understands that it will take a significant length of time to fill the pond. Negative values indicate that the supply of 13,000 gallons per day is not enough volume to overcome the required daily maintenance volume; the pond will never fill.