

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 65-23621

Exam Date: 08/21/2026

1. Current Owner:
ALYSON HODGES 14115 RUSKA RD MCCALL ID 83638-1200 AND/OR
MARC HODGES 14115 RUSKA RD MCCALL ID 83638-1200
2. Accompanied by: Marc Hodges
Phone No:
Address: 14115 Ruska Rd McCall ID 83638
Relationship to permit Holder: Same

3. SOURCE: GROUND WATER

Method of Determination: Beneficial use exam observation and Department records

B. OVERLAP REVIEW

1. Other water rights with the same place of use: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
65-24366	GROUND WATER	IRRIGATION	Permit
65-3218	LAKE FORK	IRRIGATION	Decreed
65-3219A	LITTLE PAYETTE LAKE	IRRIGATION FROM STORAGE	Decreed
65-3219X	LITTLE PAYETTE LAKE	IRRIGATION FROM STORAGE	Decreed

Comments: 65-24366 is a supplemental irrigation permit overlapping the POU. Lake Fork Irrigation Company also overlaps the POU.

2. Other water rights with the same point-of-diversion: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
65-24366	GROUND WATER	IRRIGATION	Permit

Comments: 65-24366 is a permit for irrigation out of the ponds.

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER	SW¼ NE¼, Sec. 26, Twp 18N, Rge 03E, B.M.	VALLEY County
GROUND WATER	SW¼ NE¼, Sec. 26, Twp 18N, Rge 03E, B.M.	VALLEY County

Method of Determination: field examination, permit records, and aerial imagery

PLACE OF USE: STOCKWATER STORAGE

[illegible]

PLACE OF USE: FIRE PROTECTION STORAGE

[illegible]

PLACE OF USE: FIRE PROTECTION FROM 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	
18N	03E	26			X														

Method of Determination: Aerial Imagery, ArcMap Tools, and observation during field exam.

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components.

X 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.

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

Ground water is from seepage into pond.

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: None taken per IDAPA 37.03.02 Beneficial Use Exam Rules

E. FLOW CALCULATIONS

X Additional Computation Sheets Attached

Measured Method:

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$$

2. Volume Calculations for Other Uses: See attached Idaho Department of Water Resources pond loss spreadsheet.

Volume Calculations

	Pond 1
Area (ac)	0.35 ac
Maximum Depth (ft)	7.0 ft
Average Depth (ft)	2.8 ft
Capacity (af)	0.98 af
Seepage (af)	0.0 af
Evaporation (af)	0.4 af
Total Volume (AF)	1.4 af

Total Volume (V) = Pond Surface Area x Average Depth + Seepage and Evaporation
 $V = 0.35 \text{ acres} \times 2.8 \text{ ft} + (0.0 \text{ AF} + 0.4 \text{ AF}) = 1.4 \text{ AF}$
 Total Volume Required = 1.4 AF

G. NARRATIVE/REMARKS/COMMENTS

Marc and Alyson Hodges hold Water Right Permit 65-23621 for stock water storage and fire protection in Valley County. They submitted proof of beneficial use on January 26, 2026, including the required \$50 examination fee. A field examination was conducted on August 21, 2026, with Marc Hodges accompanying the water resources agent. Valley County parcel records confirm that the Hodges own the property where the points of diversion and place of use are located.

The permit was originally filed for a single pond but later amended to include two ponds of equivalent volume supplied by groundwater. During the field exam, both ponds were observed. Pond 1 is rectangular, measuring 100 feet by 43 feet, with a surface area of 0.10 acres based on laser range-finder measurements. Pond 2 has an irregular shape; its surface area of 0.25 acres was determined using Google Earth polygon tools. According to the landowner, both ponds have a maximum depth of 7 feet based on excavator reach. An average depth equal to 0.4 times the maximum depth was applied to both ponds. Combined storage capacity was calculated at 1.00 acre-feet.

Evaporation loss was estimated at 0.4 acre-feet, with no seepage loss included, resulting in a total volume of 1.4 acre-feet. I recommend assigning 1.4 acre-feet for stock water storage and 1.4 acre-feet for fire protection storage.

Overlapping water rights include the Hodges' Permit no. 65-24366 for supplemental irrigation from ground water, as well as their surface water shares delivered through the Lake Fork Irrigation Company.

Conditions X02, 046, and 26A were removed per Department standards. Conditions 219 and 220 were revised to reflect calculations based on measured surface areas, and Condition 121 was replaced with Condition 103 as required by Department standards.

Have conditions of permit approval been met? ☒ 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>
STOCKWATER STORAGE	01/01 to 12/31		1.4 AF
FIRE PROTECTION STORAGE	01/01 to 12/31		1.4 AF
FIRE PROTECTION FROM STORAGE	01/01 to 12/31		1.4 AF

Totals:

1.4 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

Allen Bradbury - Water Resource Agent, Senior

Field Examiner's Name Allen Bradbury Date 8/24/26

Reviewer [Signature] Date 8/27/2026

65-23621 Hodges System Map

Two ponds 0.35 acres surface area.

Source Seepage from Ground Water



- | | | |
|------------|------------|----------------|
| Pond 1 POD | Pond 1 POU | Township/Range |
| Pond 2 POD | Pond 2 POU | Sections |
| | Fire POU | QQ |

0 0.04 0.08 Miles

Total Storage Calculations

FILE NUMBER	65-23621
REVIEWER	AB
DATE	8/21/2026

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.)	0.35	"Surface Area" is automatically carried over from the "Seepage Loss" sheet.
Average Pond Depth (FT.)	2.8	"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)	0.98	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 "From Storage" 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)	0.4	The "Estimated Evaporation Loss" is automatically carried over from the "Evaporation Loss" sheet.
Total Volume Required (AF)	1.4	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)	3.81	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	-224	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	28	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.

65-23621 Hodges Overlap Analysis - POU

[illegible]



**Figure 1. Pond 1
has a surface
area of 0.10
acres.**



**Figure 2. Pond 2
has a surface
area of 0.25
acres.**