

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**BENEFICIAL USE FIELD REPORT**

**A. GENERAL INFORMATION**

**Permit No:** 92-11117  
**Exam Date:** 03/31/2026

1. Current Owner:  
JOHN POLLARD PO BOX 577 ST MARIES ID 83861-0577 AND/OR  
JULIE POLLARD PO BOX 577 ST MARIES ID 83861-0577
2. Accompanied by: John Pollard  
Phone No: 208-661-7706  
Address: Same as above  
Relationship to permit Holder: Permit Holder

3. **SOURCE:**  
UNNAMED STREAM

**Tributary**  
ST JOE RIVER

**Method of Determination:** Arc Pro GIS 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 SYSTEM**

1. **LOCATION OF POINT(S) OF DIVERSION:**  
UNNAMED STREAM NE¼ NW¼, Sec. 13, Twp 46N, Rge 03W, B.M. BENEWAH County

**Method of Determination:** Pond's earthen dam-dike GPS located at -116° 39.9378, 47° 20.3162.

**PLACE OF USE:** FIRE PROTECTION 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 |        |
| 46N | 03W | 13  |    |    |    |    | X  |    |    |    |    |    |    |    |    |    |    |    |        |

**Method of Determination:** Beneficial use field exam and Arc Pro GIS mapping software.

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 |
|---------------------------|------------|-----|------------------------------|-----------|-----------------------------------|
| EARTHEN DAM               | N/A        | N/A | SMALL IN-STREAM STORAGE POND | N/A       | N/A                               |

**D. FLOW MEASUREMENTS**

1.

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

2. Measurements: N/A

**E. FLOW CALCULATIONS**

Measured Method: N/A

**F. VOLUME CALCULATIONS**

1. Volume Calculations for irrigation: N/A – the irrigation storage and irrigation from storage beneficial uses were not developed under the Permit; I've removed both components from the Permit during licensing review.

2. Volume Calculations for Other Uses: See attached Pond Analysis Worksheet for Fire Protection Storage annual volume calculation.

**G. NARRATIVE/REMARKS/COMMENTS**

I conducted the beneficial use field examination on 3/31/2026 with the Permit Holder, Mr. John Pollard, which showed an excavated pond impounding Unnamed Stream water for Fire Protection Storage purposes. The POD was assigned using Arc Pro GIS 2025-year imagery. The storage pond was developed higher in the stream reach than originally permitted for, but PLSS legal descriptions remain the same QQ/Q. As an on-stream pond there is no diversion rate associated with licensing this Permit.

The Fire Protection POU storage pond is situated in a minor draw. Unnamed Stream with the headwater being a spring further up the drainage flows into the storage pond which has a clay bottom soil type. During the exam I took photographs to illustrate the storage pond, POD, and overflow channel allowing water to continue spilling overtop the dike and downstream. The pond is smaller than the 0.1 ac surface area applied for and I estimated it to be 0.5 ac at most. During licensing review, I developed a Pond Analysis Worksheet to determine the pond's annual storage volume (attached to report) and the pond size and volume elements are detailed below:

- The small pond has a surface area of 0.05 acres, a maximum depth equaling 8 ft, an average depth of 3.2 ft, a pond capacity equal to 0.2 af considering Department rounding standards, and 0.2 af of loss due to seepage & evaporation. The total volume requirement to maintain the pond full annually equals **0.4 af**. This volume has been recommended as the Fire Protection Storage volume and maximum diversion volume for licensing purposes.
- No irrigation beneficial uses were developed under the Permit and I've removed both the storage and from storage components from the Permit during licensing review.

During license recommendation processing I changed several conditions of approval as follows:

- Removed condition 029 – no IDFG comments required fish screening for the Unnamed Stream, which is not fish bearing.
- Removed condition 220 – based on verbal directive from a Department Deputy Director – Shelly Keen.
- Replaced condition 259 with 219 – with removal of multiple fill irrigation storage/from storage beneficial uses 219 accurately describes total storage volume authorized under the license recommendation.
- Removed condition R58 – this condition was linked to irrigation beneficial use which wasn't developed.
- Removed condition 227 – the Unnamed Stream source is tributary to the St. Joe River, but below the end reach POD for Minimum Stream Flow Right 92-7122. Due to this administration of the MSF is not applicable to Permit 92-11117.
- Removed condition X35 – the irrigation beneficial uses were removed from the Permit which negates overlap and need for combined use limits.

All other conditions on the Permit shall be carried forward to the license. There are no outstanding overlapping WR concerns toward licensing Permit 92-11117.

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> |
|-------------------------|----------------------|----------------------|
| FIRE PROTECTION STORAGE | 01/01 to 12/31       | 0.4 AF               |

**Totals:** 0.4 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

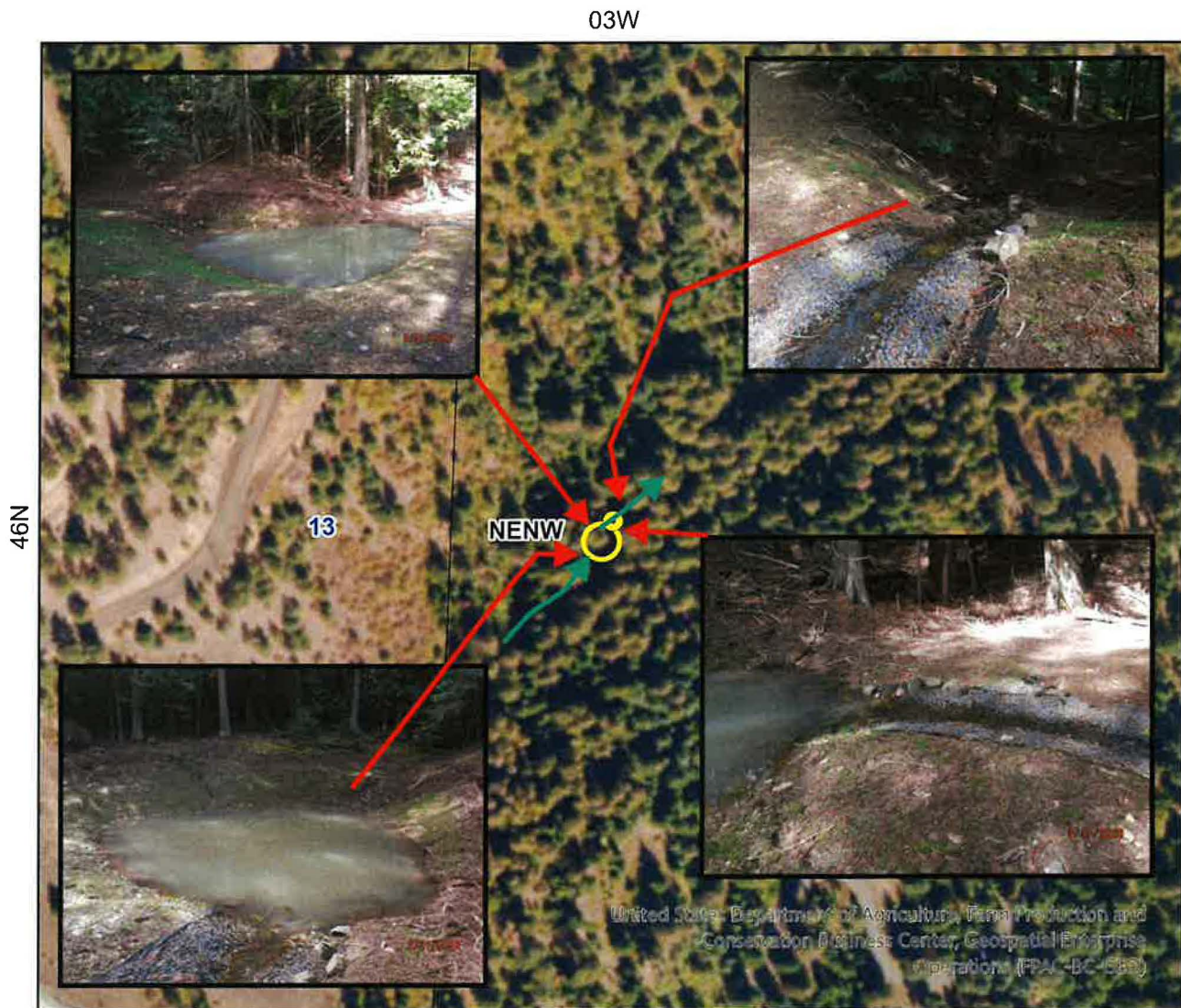
Luke Bates – Sr Water Resource Agent

Field Examiner's Name J. D. Sch Date 7/1/2008

Reviewer Michelle Kichman Date 8/10/2026

State of Idaho  
Department of Water Resources  
**Attachment to Field Exam**  
92-11117

This map depicts the FIRE PROTECTION STORAGE system diagram.



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



0 0.04 0.07 0.11 0.14 Miles



Imagery: 2023 Aerial Photography

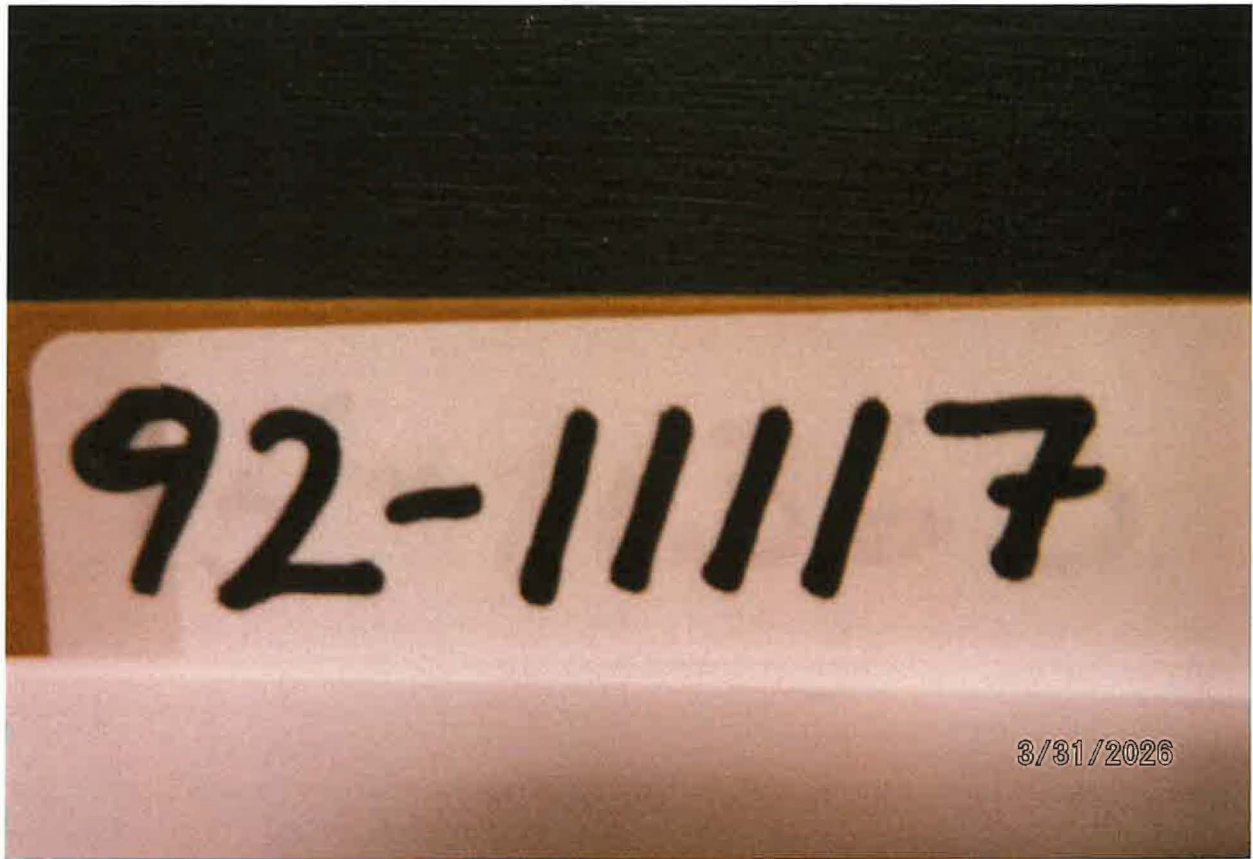
## Total Storage Calculations

|             |           |
|-------------|-----------|
| FILE NUMBER | 92-11117  |
| REVIEWER    | L.BATES   |
| DATE        | 3/31/2026 |

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.)                                                                           | 0.05 | "Surface Area" is automatically carried over from the "Seepage Loss" sheet.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Average Pond Depth (FT.)                                                                     | 3.2  | "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)                                                                           | 0.16 | 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.<br>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).<br>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)                                                                  | 0.1  | The "Estimated Seepage Loss" is automatically carried over from the "Seepage Loss" sheet.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Estimated Evaporation Loss (AF)                                                              | 0.1  | The "Estimated Evaporation Loss" is automatically carried over from the "Evaporation Loss" sheet.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Total Volume Required (AF)                                                                   | 0.4  | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |



BENEFICIAL USE FIELD EXAM DATE 3/31/2026



INSTREAM STORAGE POND – SEASON STREAM INFLOW ALONG WESTERN  
EXTENT OF POND



UNNAMED STREAM (HEADWATER SPRING FURTHER UP DRAINAGE) INFLOW TO  
STORAGE POND



POD – SKID TRAIL EMBANKMENT WITH GRAVEL OVERFLOW CHANNEL



STORAGE POND SYSTEM IS 6-8 FT MAX DEPTH; NO IRRIGATION FROM STORAGE  
BENEFICIAL USE DEVELOPED FROM SMALL POND



VIEW DOWNSTREAM FROM STORAGE POND STANDING ATOP SKID TRAIL



FIRE PROTECTION STORAGE POU – SMALL EARTHEN DIKED INSTREAM STORAGE  
POND WITH CLAY LINED BOTTOM