

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

**A. GENERAL INFORMATION**

Permit No: 72-16702

Exam Date: 9/10/2012

1. Current Owner: COLLEEN A COYNE  
PO BOX 2062  
KETCHUM ID 83340  
(208)622-5522
2. Accompanied by: Jeff Cooper (IDWR). During the exam Jeff and I spoke with Ron Vernia, permit holder's husband.

**3. SOURCE**

EAST FORK SALMON RIVER

**TRIBUTARY**

SALMON RIVER

**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: None. 72-230H is for an adjacent lot (Lot # 17)
2. Other water rights with the same point of diversion: 72-230A, 72-230AA, 72-230B, 72-230C, 72-230D, 72-230E, 72-230G, 72-230H, 72-230J, 72-230K, 72-230L, 72-230M, 72-230P, 72-230R, 72-230T, 72-230U, 72-230X, 72-230Y, 72-10539, 72-16646, and 72-16703

**C. DIVERSION AND DELIVERY SYSTEM****1. LOCATION OF POINT(S) OF DIVERSION:**

EAST FORK SALMON RIVER

SW1/4NE1/4SW1/4

Sec. 24, Twp 10N, Rge 18E, B.M.

CUSTER County

Method of Determination: Aerial photography, field verification, IDWR Spatial Data Point (East Fork # 5 site tag # A0017256)

2.

**PLACE OF USE:** IRRIGATION

| Twp | Rge | Sec | NE        |           |           |           | NW        |           |           |           | SW        |           |           |           | SE        |           |           |           | Totals |
|-----|-----|-----|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------|
|     |     |     | <u>NE</u> | <u>NW</u> | <u>SW</u> | <u>SE</u> | <u>NE</u> | <u>NW</u> | <u>SW</u> | <u>SE</u> | <u>NE</u> | <u>NW</u> | <u>SW</u> | <u>SE</u> | <u>NE</u> | <u>NW</u> | <u>SW</u> | <u>SE</u> |        |
| 10N | 18E | 13  |           |           |           |           |           |           |           |           | 1.9       | 2.8       |           |           |           |           |           |           | 4.7    |

Total Acres: 4.7

Method of Determination: Aerial photography, GIS, and field verification

**D. FLOW MEASUREMENTS**

Not required for permits with irrigation of less than five (5) acres per new Beneficial Use Examination Rules implemented 3/29/2012. However, a query of all records in the IDWR database listing a POD in the NESW of Sec 24, T10N, R18E indicates records 72-230A, 72-230AA, 72-230B, 72-230C, 72-230D, 72-230E, 72-230G, 72-230H, 72-230J, 72-230K, 72-230L, 72-230M, 72-230P, 72-230R, 72-230T, 72-230U, 72-230X, 72-230Y, 72-10539, 72-16646, 72-16702 and 72-16703 are all diverted from the East Fork # 5 diversion. Adding the face value (not accounting for possible diversion rate limits) of these records indicate a maximum diversion rate of 4.943 cfs. Examination of Water District 72D diversion records for the East Fork # 5 diversion indicates that at least 4.943 cfs is diverted on a fairly routine basis. Therefore, it is safe to assume that the permitted rate for 72-16702 has been diverted from the East Fork of the Salmon River and delivered down the ditch. The place of use was determined to be 4.7 acres, and allowing for a diversion rate of 0.03 cfs per acre for irrigation of less than five acres, up to 0.14 cfs could be allowed. However, permit 72-16702 was permitted for 0.12 cfs. Therefore, it is recommended that 72-16702 be licensed for 0.12 cfs.

**F. VOLUME CALCULATIONS**

Not required for permits with irrigation using natural stream flow from a stream or spring per new Beneficial Use Examination Rules implemented 3/29/2012.

**G. NARRATIVE/REMARKS/COMMENTS**

Application for Permit 72-16702 was filed on February 7, 2006 by Colleen A Coyne to appropriate 0.12 cfs of water from the East Fork of the Salmon River for irrigation of 5.8 acres on Lot 30, Block 2, of The East Fork Subdivision. The permit was approved on August 8, 2007 and Proof of Beneficial Use was filed on August 22, 2007. On September 10, 2012, while in the area, Jeff Cooper and I conduct the licensing exam for the permit. During the exam, we spoke with Ron Vernia, the permit holder's husband, who was familiar with the irrigation use on the property.

The 72-16702 system consists of a shared diversion (East Fork # 5, GPS site tag # A0017256) from the East Fork of the Salmon River and a conveyance ditch from the diversion to the place of use (Lot 30, Block 2, of The East Fork Subdivision) located approximately one mile down the valley from the diversion. The main conveyance ditch forks prior to the place of use allowing delivery of water to the east and west sides of the place of use. During the exam, it was noted that the property did not appear to be very irrigated. Mr. Vernia indicated that they were having a pretty hard time irrigating the property and acknowledged that the entire property was probably not irrigated. He indicated that the property was irrigated by flooding water out of the main delivery ditches onto the lower property. During the exam it was noted that there were a couple of older ditches below the main delivery ditches on the property. In addition, it was noted that volunteer alfalfa growth existed on some of the drier looking portions of the property indicating that there may have been more irrigation in the past compared to what was observed during the licensing exam. A review of aerial photography indicated that most of the property (approximately 4.7 acres) appeared to be irrigated in a 2006 aerial photo. Note that this would have been prior to Proof of Beneficial Use being filed in 2007. It is recommended that license 72-16702 be issued for the irrigation of 4.7 acres and a diversion rate of 0.12 cfs.

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

**H. RECOMMENDATIONS****1. Recommended Amounts**

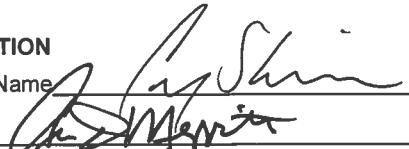
| <u>BENEFICIAL USE</u> | <u>PERIOD OF USE</u> | <u>DIVERSION RATE</u> | <u>ANNUAL VOLUME</u> |
|-----------------------|----------------------|-----------------------|----------------------|
| IRRIGATION            | 04/01 to 10/31       | 0.120 CFS             | N/A                  |
| <u>Totals:</u>        |                      | 0.120 CFS             | N/A                  |

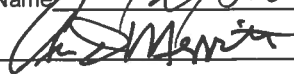
**2. Recommended Amendments**

☐ 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 ☐ Other

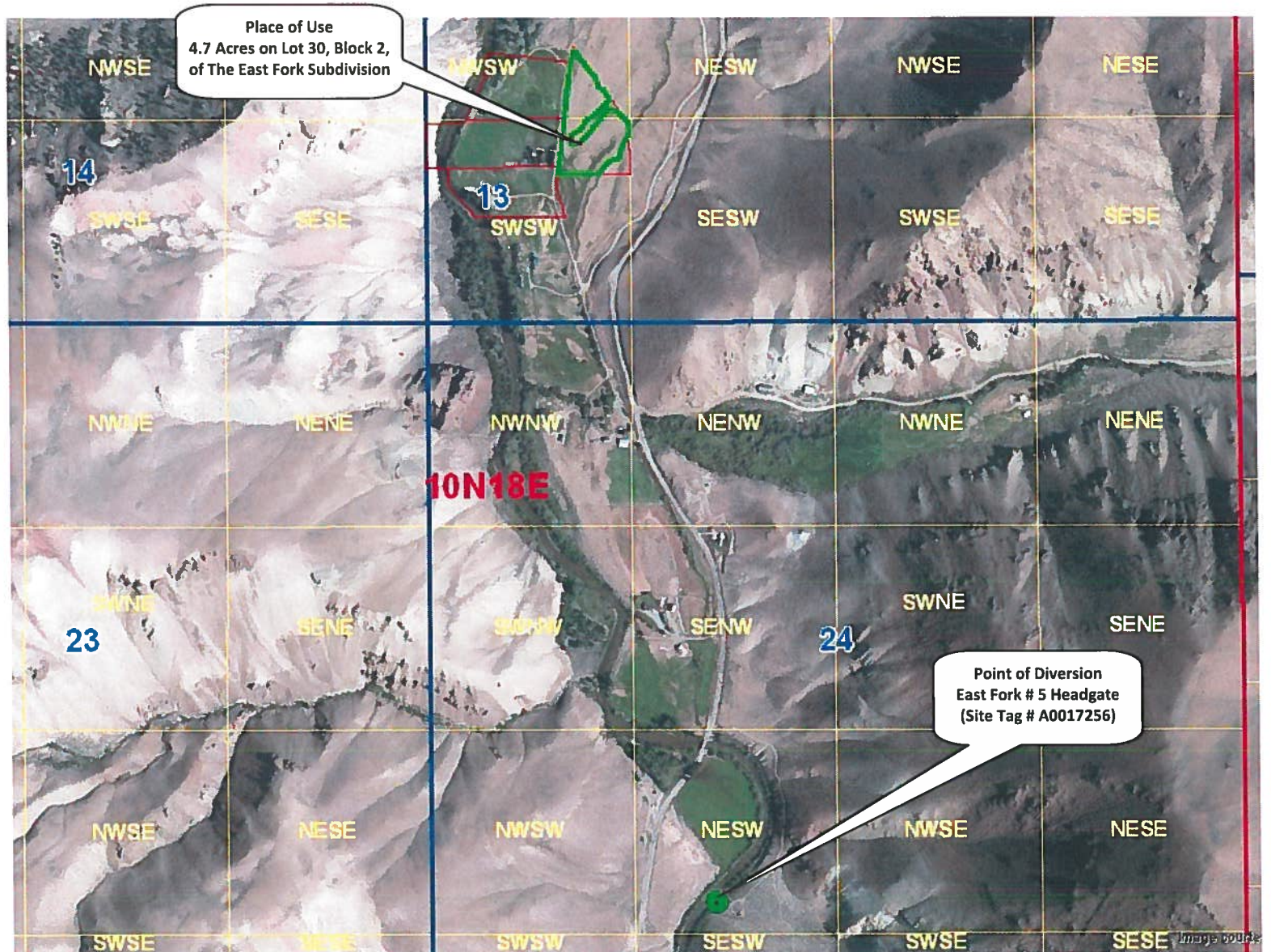
**I. AUTHENTICATION**

Field Examiner's Name  Date 1/25/13

Reviewer  Date \_\_\_\_\_

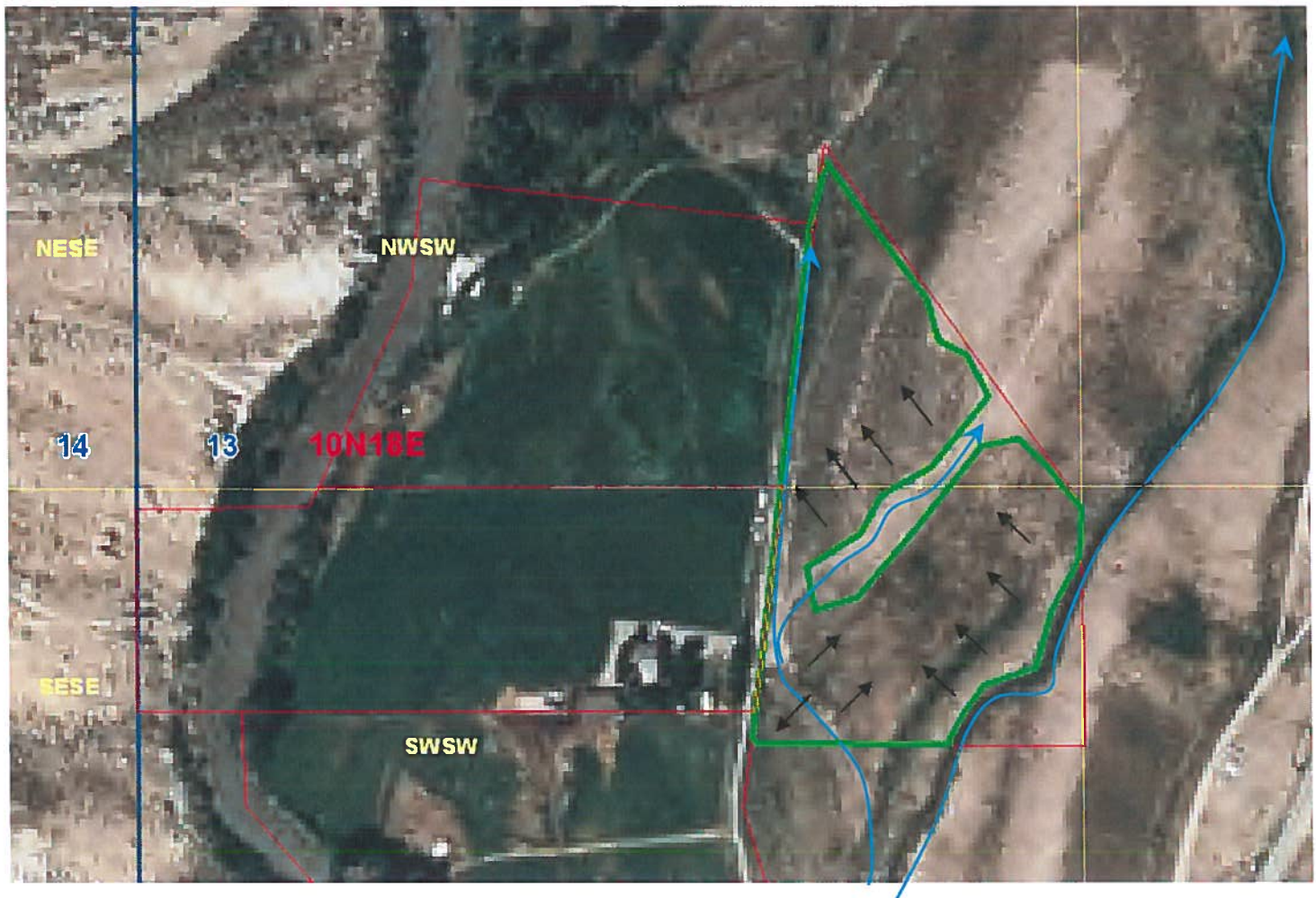
# 72-16702 Point of Diversion and Place of Use Map

## Bing Maps Aerial Photography



# 72-16702 Place of Use Map

## 2006 Aerial Photography



Irrigation Place of Use (4.7 Total Acres on Lot 30, Block 2, of The East Fork Subdivision)



Tax Lots (corrected for more accurate location)



Main Irrigation Delivery Ditches (Also Deliver Water to Other Properties)



Direction of Irrigation Flow from Main Delivery Ditches

| Basin | Sequence Suffix | Process      | Basis   | Status | Priority Date | Diversion Rate | Source List            | Water Use List         | Current Owner                                 |
|-------|-----------------|--------------|---------|--------|---------------|----------------|------------------------|------------------------|-----------------------------------------------|
| 72    | 230 A           | Water Right  | Decreed | Active | 5/1/1880      | 0.250          | EAST FORK SALMON RIVER | IRRIGATION             | JULIAN, ANITA L                               |
| 72    | 230 AA          | Water Right  | Decreed | Active | 5/1/1880      | 0.152          | EAST FORK SALMON RIVER | IRRIGATION             | MAC MILLEN , RICHARD E; MAC MILLEN, BARBARA J |
| 72    | 230 B           | Water Right  | Decreed | Active | 5/1/1880      | 0.460          | EAST FORK SALMON RIVER | IRRIGATION             | DEININGER, CYNTHIA T                          |
| 72    | 230 C           | Water Right  | Decreed | Active | 5/1/1880      | 0.100          | EAST FORK SALMON RIVER | IRRIGATION             | DEININGER, CYNTHIA T                          |
| 72    | 230 D           | Water Right  | Decreed | Active | 5/1/1880      | 0.200          | EAST FORK SALMON RIVER | IRRIGATION             | MALONEY, MICHAEL M; MALONEY, PATRICIA A       |
| 72    | 230 E           | Water Right  | Decreed | Active | 5/1/1880      | 0.300          | EAST FORK SALMON RIVER | IRRIGATION             | GARMAN, BONNIE LYNN; GARMAN, STEVEN P         |
| 72    | 230 G           | Water Right  | Decreed | Active | 5/1/1880      | 0.160          | EAST FORK SALMON RIVER | IRRIGATION             | WILLIAMS, CARLA; WILLIAMS, TOBIN              |
| 72    | 230 H           | Water Right  | Decreed | Active | 5/1/1880      | 0.150          | EAST FORK SALMON RIVER | IRRIGATION             | COYNE, COLLEEN A                              |
| 72    | 230 J           | Water Right  | Decreed | Active | 5/1/1880      | 0.080          | EAST FORK SALMON RIVER | IRRIGATION             | FOX , MICHELLE DIANE; FOX JR, ALBERT RAY      |
| 72    | 230 K           | Water Right  | Decreed | Active | 5/1/1880      | 0.150          | EAST FORK SALMON RIVER | IRRIGATION             | GARMAN, STEVEN P; VINCENT, BONNIE L           |
| 72    | 230 L           | Water Right  | Decreed | Active | 5/1/1880      | 0.150          | EAST FORK SALMON RIVER | IRRIGATION             | CAMPBELL, CHARLES E; MC GINLEY, MICHELLE      |
| 72    | 230 M           | Water Right  | Decreed | Active | 5/1/1880      | 0.150          | EAST FORK SALMON RIVER | IRRIGATION             | O CONNOR, JOHN; O CONNOR, PATRICIA            |
| 72    | 230 P           | Water Right  | Decreed | Active | 5/1/1880      | 0.150          | EAST FORK SALMON RIVER | IRRIGATION, STOCKWATER | BRUNKER, BRENT J; BRUNKER, RUTH E ROUNDS      |
| 72    | 230 R           | Water Right  | Decreed | Active | 5/1/1880      | 0.140          | EAST FORK SALMON RIVER | IRRIGATION, STOCKWATER | K F & LILLIAN B MORGAN REVOCABLE TRUST        |
| 72    | 230 T           | Water Right  | Decreed | Active | 5/1/1880      | 0.200          | EAST FORK SALMON RIVER | IRRIGATION             | MALONEY, MICHAEL M; MALONEY, PATRICIA A       |
| 72    | 230 U           | Water Right  | Decreed | Active | 5/1/1880      | 0.360          | EAST FORK SALMON RIVER | IRRIGATION, STOCKWATER | STANLEY FAMILY REVOCABLE TRUST                |
| 72    | 230 X           | Water Right  | Decreed | Active | 5/1/1880      | 0.172          | EAST FORK SALMON RIVER | IRRIGATION             | MAC MILLEN , RICHARD E; MAC MILLEN, BARBARA J |
| 72    | 230 Y           | Water Right  | Decreed | Active | 5/1/1880      | 0.169          | EAST FORK SALMON RIVER | IRRIGATION             | MAC MILLEN , RICHARD E; MAC MILLEN, BARBARA J |
| 72    | 10539           | Water Right  | Decreed | Active | 4/1/1963      | 0.770          | EAST FORK SALMON RIVER | FISH PROPAGATION       | STATE OF IDAHO                                |
| 72    | 16646           | Water Right  | Decreed | Active | 5/1/1880      | 0.150          | EAST FORK SALMON RIVER | IRRIGATION             | GARMAN, BONNIE LYNN; GARMAN, STEVEN P         |
| 72    | 16702           | Water Permit | Decreed | Active | 2/7/2006      | 0.120          | EAST FORK SALMON RIVER | IRRIGATION             | COYNE, COLLEEN A                              |
| 72    | 16703           | Water Permit | Decreed | Active | 3/29/2006     | 0.200          | EAST FORK SALMON RIVER | IRRIGATION             | CAMPBELL, CHARLES E; MC GINLEY, MICHELLE      |

Total = 4.943

1/23/13 Query of all IDWR records with PODs within NESW Sec 24 T10N, R18E

# **Annual Summary for Water District 72D Clayton Area Sub-district 72290005 - D - EF05**

DISCHARGE, CUBIC FEET PER SECOND, CALENDAR YEAR 01/01/2009 - 12/31/2009

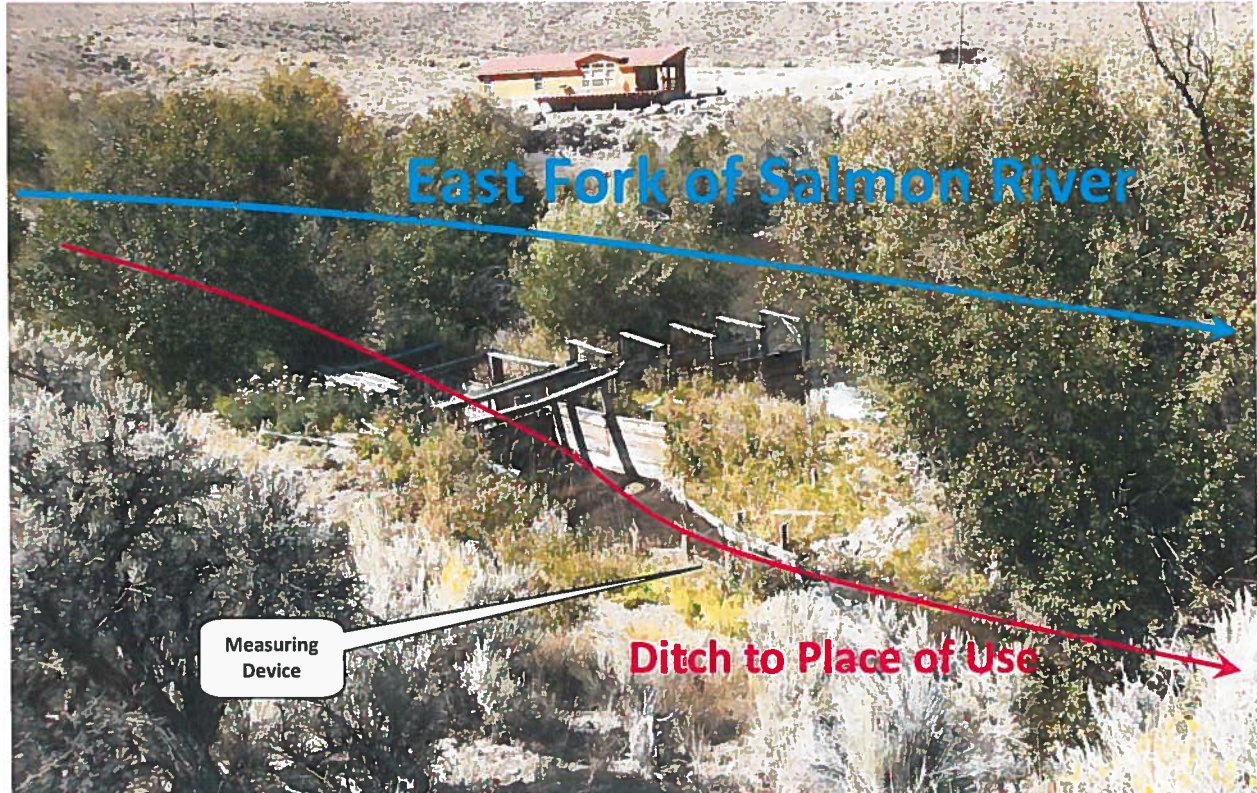
| Day    | Jan | Feb | Mar | Apr | May   | Jun   | Jul   | Aug   | Sep   | Oct  | Nov | Dec |
|--------|-----|-----|-----|-----|-------|-------|-------|-------|-------|------|-----|-----|
| 1      | --  | --  | --  | --  | --    | 5.00  | 4.48  | 5.14  | 4.54  | 1.17 | --  | --  |
| 2      | --  | --  | --  | --  | --    | 5.00  | 4.44  | 5.19  | 4.43  | 1.06 | --  | --  |
| 3      | --  | --  | --  | --  | --    | 5.00  | 4.41  | 5.24  | 4.32  | 0.95 | --  | --  |
| 4      | --  | --  | --  | --  | --    | 5.00  | 4.37  | 5.29  | 4.20  | 0.84 | --  | --  |
| 5      | --  | --  | --  | --  | --    | 5.00  | 4.33  | 5.33  | 4.09  | 0.72 | --  | --  |
| 6      | --  | --  | --  | --  | --    | 5.00  | 4.30  | 5.38  | 3.98  | 0.61 | --  | --  |
| 7      | --  | --  | --  | --  | --    | 5.00  | 4.26  | 5.43  | 3.87  | 0.50 | --  | --  |
| 8      | --  | --  | --  | --  | --    | 5.00  | 4.22  | 5.48  | 3.76  | 0.48 | --  | --  |
| 9      | --  | --  | --  | --  | --    | 5.00  | 4.19  | 5.52  | 3.64  | 0.45 | --  | --  |
| 10     | --  | --  | --  | --  | --    | 5.00  | 4.15  | 5.57  | 3.53  | 0.43 | --  | --  |
| 11     | --  | --  | --  | --  | --    | 5.00  | 4.11  | 5.62  | 3.42  | 0.41 | --  | --  |
| 12     | --  | --  | --  | --  | --    | 5.00  | 4.07  | 5.67  | 3.31  | 0.39 | --  | --  |
| 13     | --  | --  | --  | --  | --    | 5.00  | 4.04  | 5.71  | 3.19  | 0.36 | --  | --  |
| 14     | --  | --  | --  | --  | --    | 5.00  | 4.00  | 5.76  | 3.08  | 0.34 | --  | --  |
| 15     | --  | --  | --  | --  | --    | 5.00  | 4.07  | 5.81  | 2.97  | 0.32 | --  | --  |
| 16     | --  | --  | --  | --  | --    | 5.00  | 4.13  | 5.86  | 2.86  | 0.30 | --  | --  |
| 17     | --  | --  | --  | --  | --    | 5.00  | 4.20  | 5.90  | 2.74  | 0.27 | --  | --  |
| 18     | --  | --  | --  | --  | --    | 4.96  | 4.27  | 5.95  | 2.63  | 0.25 | --  | --  |
| 19     | --  | --  | --  | --  | --    | 4.93  | 4.33  | 6.00  | 2.52  | 0.23 | --  | --  |
| 20     | --  | --  | --  | --  | 5.00  | 4.89  | 4.40  | 5.89  | 2.41  | 0.20 | --  | --  |
| 21     | --  | --  | --  | --  | 5.00  | 4.85  | 4.47  | 5.78  | 2.30  | 0.18 | --  | --  |
| 22     | --  | --  | --  | --  | 5.00  | 4.81  | 4.53  | 5.66  | 2.18  | 0.16 | --  | --  |
| 23     | --  | --  | --  | --  | 5.00  | 4.78  | 4.60  | 5.55  | 2.07  | 0.14 | --  | --  |
| 24     | --  | --  | --  | --  | 5.00  | 4.74  | 4.67  | 5.44  | 1.96  | 0.11 | --  | --  |
| 25     | --  | --  | --  | --  | 5.00  | 4.70  | 4.73  | 5.33  | 1.85  | 0.09 | --  | --  |
| 26     | --  | --  | --  | --  | 5.00  | 4.67  | 4.80  | 5.21  | 1.73  | 0.07 | --  | --  |
| 27     | --  | --  | --  | --  | 5.00  | 4.63  | 4.87  | 5.10  | 1.62  | 0.05 | --  | --  |
| 28     | --  | --  | --  | --  | 5.00  | 4.59  | 4.93  | 4.99  | 1.51  | 0.02 | --  | --  |
| 29     | --  | --  | --  | --  | 5.00  | 4.56  | 5.00  | 4.88  | 1.40  | 0.00 | --  | --  |
| 30     | --  | --  | --  | --  | 5.00  | 4.52  | 5.05  | 4.77  | 1.29  | --   | --  | --  |
| 31     | --  | --  | --  | --  | 5.00  | --    | 5.10  | 4.65  | --    | --   | --  | --  |
| Total: | --  | --  | --  | --  | 60.0  | 146.6 | 137.5 | 169.1 | 87.4  | 11.1 | --  | --  |
| Mean:  | --  | --  | --  | --  | 5.00  | 4.89  | 4.44  | 5.45  | 2.91  | 0.38 | --  | --  |
| Min:   | --  | --  | --  | --  | 5.00  | 4.52  | 4.00  | 4.65  | 1.29  | 0.00 | --  | --  |
| Max:   | --  | --  | --  | --  | 5.00  | 5.00  | 5.10  | 6.00  | 4.54  | 1.17 | --  | --  |
| AC-FT: | --  | --  | --  | --  | 119.0 | 290.8 | 272.8 | 335.4 | 173.4 | 22.0 | --  | --  |

CALENDAR YEAR 01/01/2009 - 12/31/2009

TOTAL CFS: 611.8

TOTAL AC-FT: 1213

## 72-16702 Point of Diversion Photos

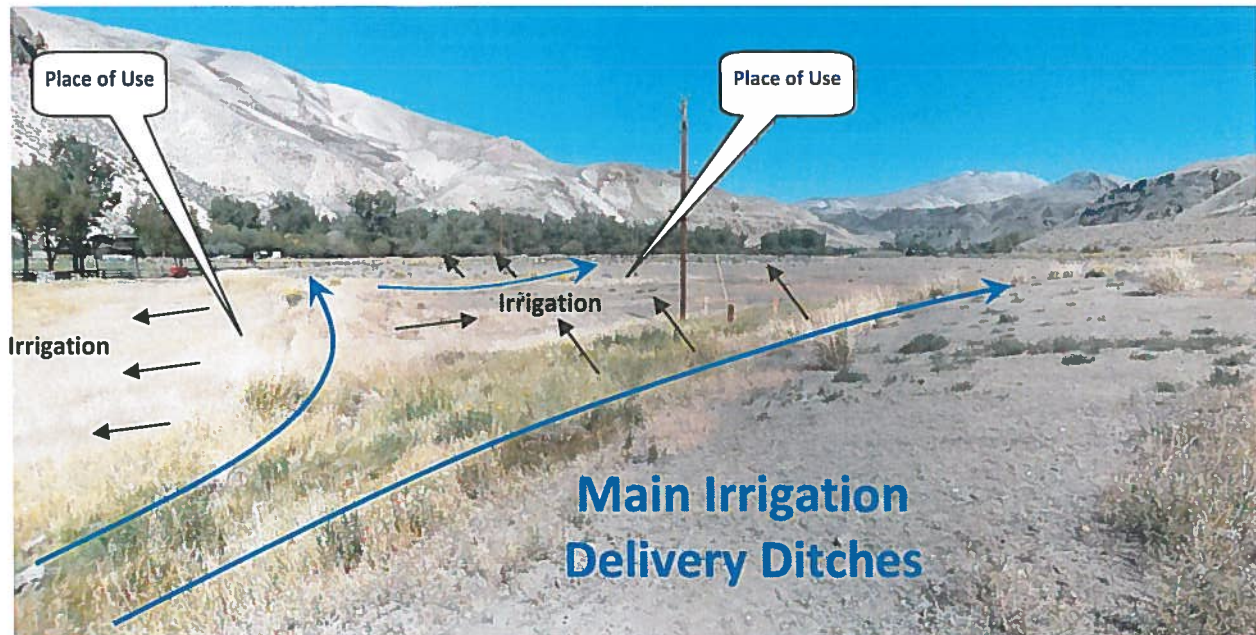


**ABOVE:** View of Point of Diversion and measuring device (East Fork # 5) for right 72-16702.

**BELOW:** View of GPS site tag (A0017256) at the point of diversion for right 72-16702.



## 72-16702 Place of Use Photos



**ABOVE:** View from south of place of use, looking to the north across the main irrigation delivery ditches with the place of use visible below the irrigation ditches.

**BELOW:** View of a head gate in one of the irrigation ditches used to irrigate land below ditch.

