

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

## A. GENERAL INFORMATION

Permit No: 67-14383

Exam Date: 8/2/2012

1. Current Owner: LOUIE BANDONI  
1436 FRANKLIN RD  
MERCED CA 95340  
(209)761-0625
- AND/OR
- KAREN BANDONI  
1436 FRANKLIN RD  
MERCED CA 95340  
(209)761-0625
2. Accompanied by: Louie Bandoni  
Phone No: Same  
Address: Same  
Relationship to Permit Holder:

- | 3. <u>SOURCE</u><br>SPRING | <u>TRIBUTARY</u><br>SINKS |
|----------------------------|---------------------------|
|----------------------------|---------------------------|

## B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point of diversion: None

### C. DIVERSION AND DELIVERY SYSTEM

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

SPRING SW1/4NW1/4NW1/4 Sec. 25, Twp 15N, Rge 01W, B.M.  
ADAMS County

Method of Determination: Arc Map (Aerial Photo)

2.

**PLACE OF USE:** WILDLIFE STORAGE

[illegible]

Method of Determination: Arc Map (Aerial Photo)

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.

| <u>Well or Diversion<br/>ID No.*</u> | <u>Motor Make</u> | <u>Hp</u> | <u>Motor Serial No.</u> | <u>Pump Make</u> | <u>Pump Serial No. or Discharge<br/>Size</u> |
|--------------------------------------|-------------------|-----------|-------------------------|------------------|----------------------------------------------|
| N/A                                  | N/A               |           |                         | N/A              | N/A                                          |
|                                      |                   |           |                         |                  |                                              |
|                                      |                   |           |                         |                  |                                              |
|                                      |                   |           |                         |                  |                                              |

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

**D. FLOW MEASUREMENTS**

1.

| <u>Measurement<br/>Equipment</u> | <u>Type</u> | <u>Make</u> | <u>Model No.</u> | <u>Serial No.</u> | <u>Size</u> | <u>Calib. Date</u> |
|----------------------------------|-------------|-------------|------------------|-------------------|-------------|--------------------|
| N/A                              |             |             |                  |                   |             |                    |
|                                  |             |             |                  |                   |             |                    |

2. Measurements: No field measurement. No diversion to the wildlife storage pond. Assuming spring in the pond.

**E. FLOW CALCULATIONS**

\_\_\_\_ Additional Computation Sheets Attached

Measured Method: N/A - Spring(s) in wildlife storage pond.

**F. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation: N/A

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

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

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

2. Volume Calculations for Other Uses: Wildlife Storage Pond

$$A(\text{Surface Area}) = 1.4 \text{ acre}$$

$$D(\text{Average Depth}) = 7' \text{ (Assumed based on height of dam)}$$

$$V = A \times D = 1.4 \text{ ac.} \times 7 \text{ feet} = 9.8 \text{ AF (Use 10.0 AF per permit)}$$

$$V = 10.0 \text{ AFA}$$

**G. NARRATIVE/REMARKS/COMMENTS****WILDLIFE STORAGE POND:**

A 1 ½ acre wildlife storage pond, with a small island, was constructed near an unnamed stream. A 9-foot high dam with a spillway impounds water for wildlife. Since the right holder is not permitted to divert water from the unnamed stream to the wildlife storage pond, and there is no visible continuous source of water to the wildlife storage pond, it is concluded that the water supply to the pond is from a spring in the pond. Two runoff channels, which capture the springtime snow melt and storm water runoff, discharge into the wildlife storage pond. However, these channels are normally dry and are not active waterways in which to sustain the water level in the wildlife storage pond.

**POINTS OF DIVERSION:**

The permit indicates two sources and two points of diversion – ground water and an unnamed stream. Neither ground water nor the unnamed stream diverts water to the wildlife storage pond. The source and point of diversion has been modified to SPRING tributary to SINKS. Likewise, since there is no means in which to measure the diversion to storage, therefore DIVERSION TO STORAGE for beneficial use has been eliminated.

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

CONDITION'S NO. 3 & NO.7 – No water shall be diverted to the reservoir from the unnamed stream located south of the impoundment. The original permit holder filled in the excavated open channel from the unnamed stream to the wildlife storage pond. Therefore, permit holder is in compliance with Conditions of Approval No.3 & No.7.

CONDITION NO.4 – Permit holder shall construct a channel from the bottom of the spillway to the unnamed stream. The original permit holder constructed a spillway channel to the unnamed stream. Therefore, the permit holder is in compliance with Condition of Approval No.4.

### RATE &/OR STORAGE RECOMMENDED FOR LICENSING

| Description               | Rate of Flow (cfs) |      | Storage (af) |
|---------------------------|--------------------|------|--------------|
| Permit Amount             | 0.20               | &/or | 10.0         |
| Beneficial Use Limit      | N/A                | &/or | N/A          |
| System Measurement        | N/A                | &/or | N/A          |
| Proof Fee Amount          | 0.20               | &/or | 20.0         |
| <b>Recommended Amount</b> | N/A                | &/or | 10.0         |

#### H. RECOMMENDATIONS

##### 1. Recommended Amounts

| <u>BENEFICIAL USE</u> | <u>PERIOD OF USE</u> | <u>DIVERSION RATE</u> | <u>ANNUAL VOLUME</u> |
|-----------------------|----------------------|-----------------------|----------------------|
| WILDLIFE STORAGE      | 01/01 to 12/31       |                       | 10.00 AF             |
| <u>Totals:</u>        |                      | N/A                   | 10.00 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    \_\_\_ Other

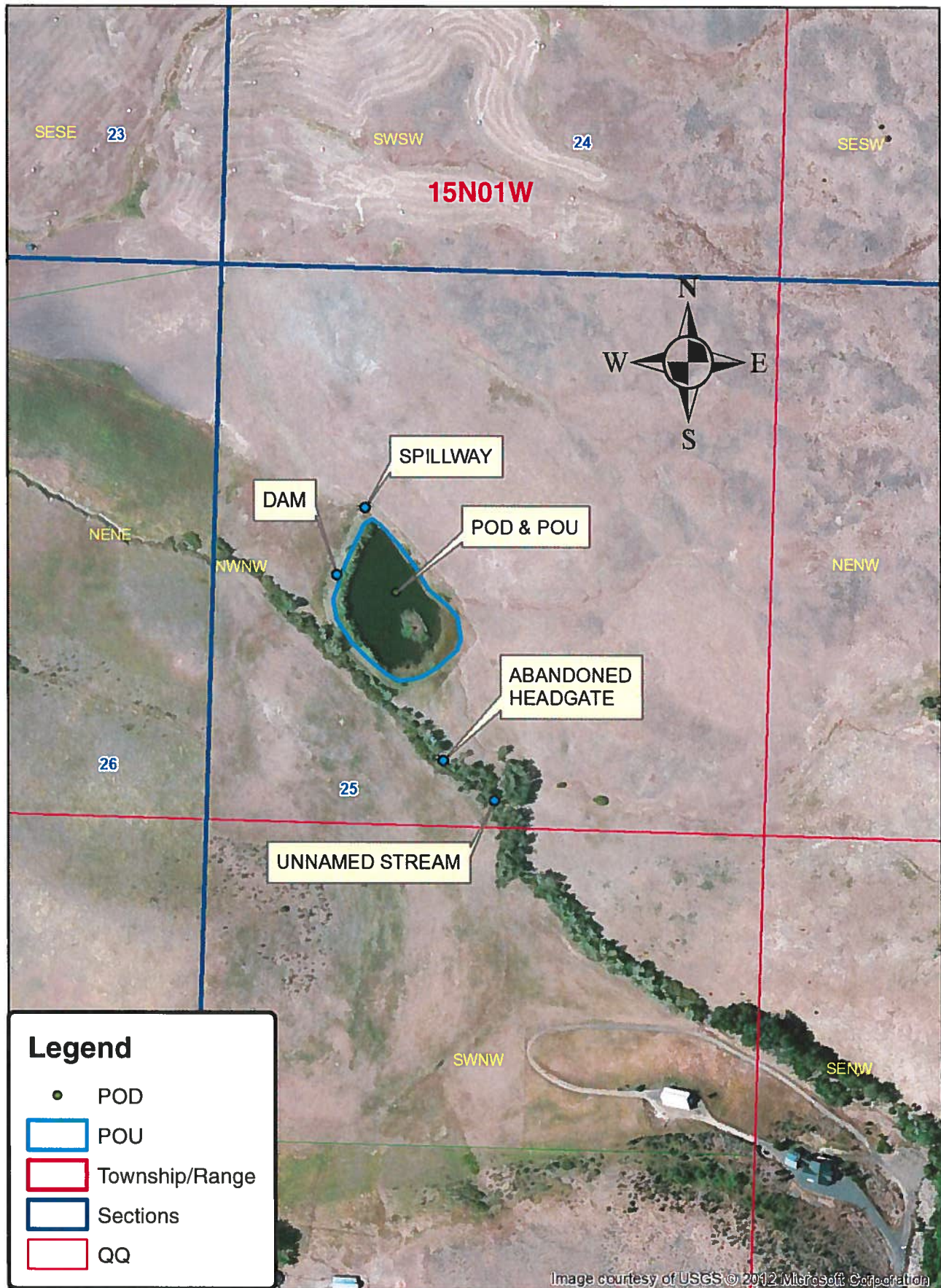
#### I. AUTHENTICATION

Field Examiner's Name Rick Collingwood Date 11/8/12

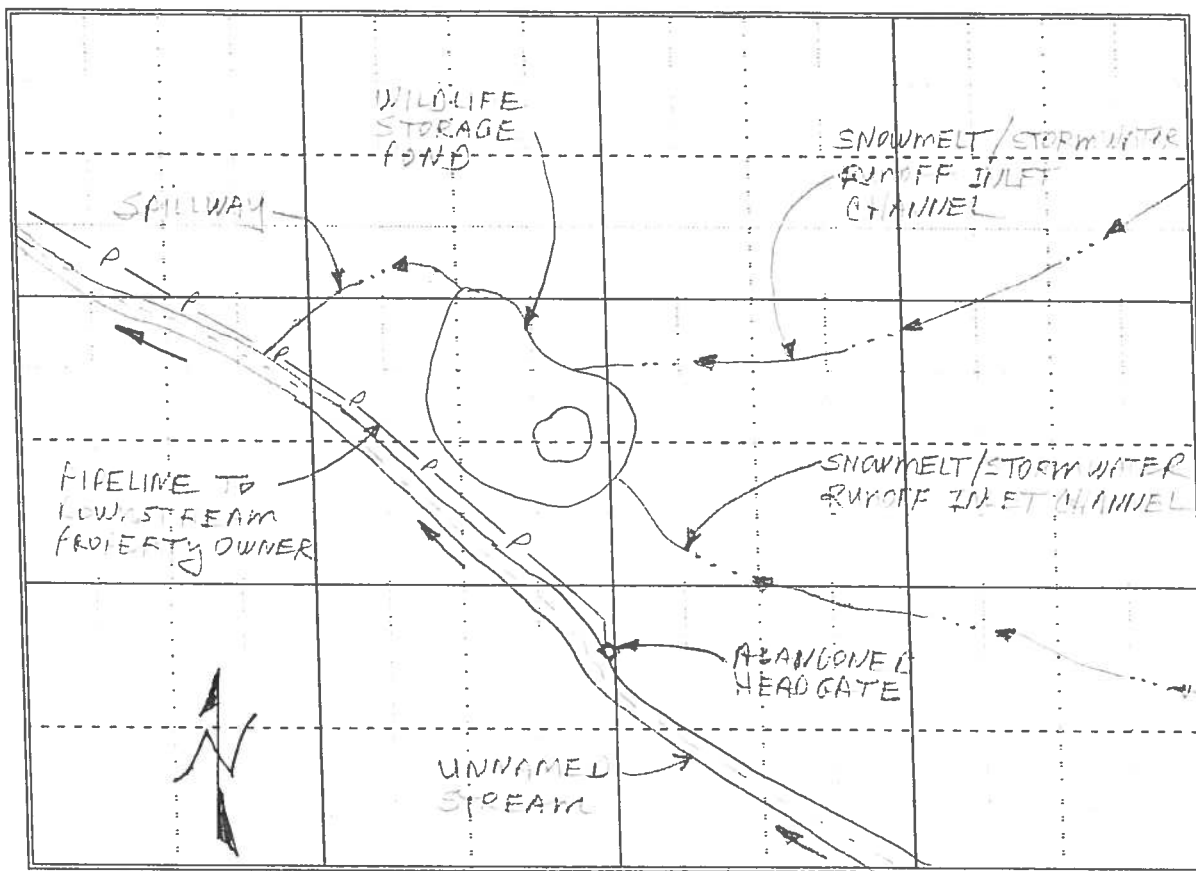
Reviewer \_\_\_\_\_ Date \_\_\_\_\_

NOTE: Source of water to wildlife storage pond clarified, not amended.

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3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe diameter (inside), as applicable. Use the space provided or ☐ see attached.



Scale: 1" = NT

- ☐ Copy of USGS Quadrangle attached showing location(s) of point(s) of diversion and place(s) of use (required)
- ☒ Aerial photo attached (required for irrigation of 10+ acres)
- ☒ Photo of diversion and system attached

## **FIELD EXAM PHOTOS**

Water Right Permit: 67-14383

Field Exam Date: 8-2-12

PLS: NW1/4, NW1/4 Section 25, T.15N, R.01W.

Field Examiner: RC



Point of Diversion/Place of Use: View southeasterly of wildlife storage pond. Dam with a thick cover of trees and brush is shown on the south and west end of the pond.



View southeasterly of wildlife storage pond and spillway. Spillway turns southwesterly and discharges to an unnamed stream.



Point of Diversion (Abandoned): View southwesterly of abandoned headgate and collection structure on the unnamed stream. The original right holder used the unnamed stream as a supplemental source of water for the wildlife storage pond. The new right holder, which purchased the property in 2005, has never used the diversion structure for diverting water to the pond. The right holder indicated that a pipeline, which parallels the unnamed stream, was connected to the abandoned pipeline to the wildlife storage pond. The pipeline bypasses the wildlife storage pond to provide water to a downstream property owner.



View southwesterly of wildlife storage pond spillway directed toward unnamed stream.