

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-09367

Exam Date: 7/27/2017

1. Current Owner:
CAV OK LLC 212 IRONWOOD DR STE D214 COEUR D ALENE ID 83814 (208) 667-5117

2. Accompanied by: Roy Newton
Relationship to Permit Holder: Owner

3. **SOURCE:**
COEUR D ALENE LAKE

TRIBUTARY:
SPOKANE RIVER

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 SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

COEUR D ALENE LAKE L1 (NE¼NW¼) Sec. 12, Twp 49N, Rge 04W, B.M. KOOTENAI County

Method of Determination: Maps and GPS. POD location at -116° 47.994, 47° 36.766

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
49N	04W	12					X L 1												

Method of Determination: Google Earth and Arcmap.

3.

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

X Indicate weir size/pipe as applicable.X 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
	UNKNOWN	1			

*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
5 GALLON BUCKET						

2. Measurements: 5 GALLON BUCKET TEST IN 15 SECONDS

5 GAL / 15 SEC X 60 SEC = 20 GPM OR 0.04 CFS

E. FLOW CALCULATIONS

Measured Method:

_____ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

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

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses: DOMESTIC AND UP TO ½ ACRE OF IRRIGATION = 1.2 AF

G. NARRATIVE/REMARKS/COMMENTS

Field exam with Roy Newton, showed a 1hp pump supplying a frost free stub-in. 5 gallon bucket test was performed after pressure tank was shut off and filled in 15 seconds which is equal to 20gpm or 0.04 cfs. Field exam was required because four permits were issued in the same area (95-9367, 95-9368, 95-9376, and 95-9377). The field exam was requested by the State Office because they had received assignment of permits that were not matching up with the proper owners of the properties. The State Office felt the assignment of permits were not required because all properties were in the same QQ and the shape for each permit could be attached to the proper taxlot. Field exam confirmed this permit identified the wrong taxlot as the POU and will correct the POU and POD during licensing.

Applicant had a pad cleared for a future home and has been camping on site. Water has been stubbed in and put to beneficial use. Applicant used the water for camping and for irrigation to keep the fire danger low. No active irrigation was occurring during exam, but hoses and sprinklers were present. License will be issued for 0.04 cfs for domestic use and irrigation up to ½ acre with annual volume of 1.2 acre feet. Condition 26A and WB9 will be removed from license. WB9 condition is only applicable for water rights below the Post Falls Dam. Condition X15 will be added to license to ensure future compliance regarding a fish screen. There are no overlap concerns.

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>
DOMESTIC	01/01 to 12/31	0.04 CFS	1.2 AF
<u>Totals:</u>		0.040 CFS	1.20 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

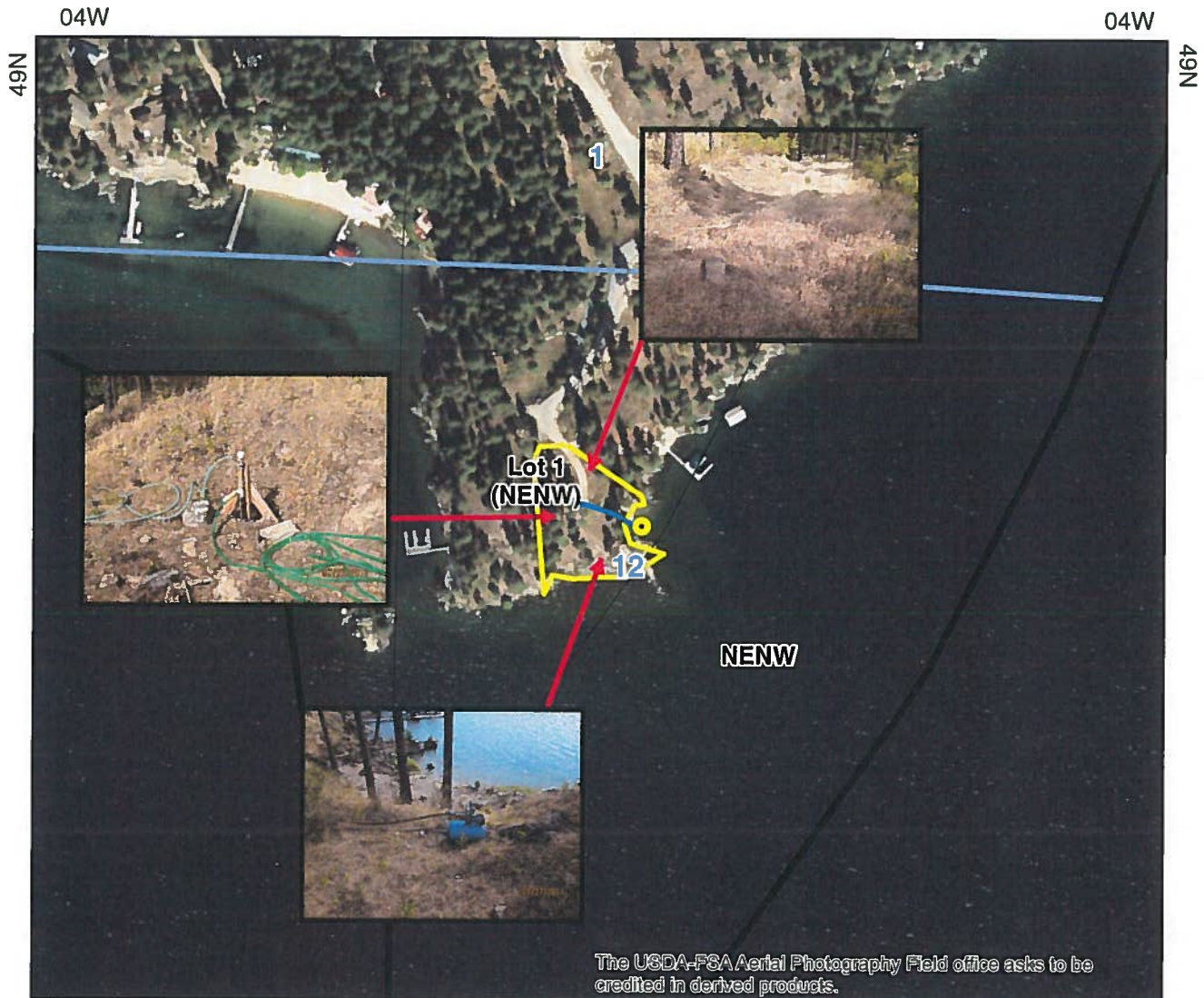
I. AUTHENTICATION

Field Examiner's Name Adam Franklin Date 11-22-2017

Reviewer Douglas Jones P.E., No. 000,000 Date 12/4/17

State of Idaho
Department of Water Resources
Attachment to Field Exam
95-9367

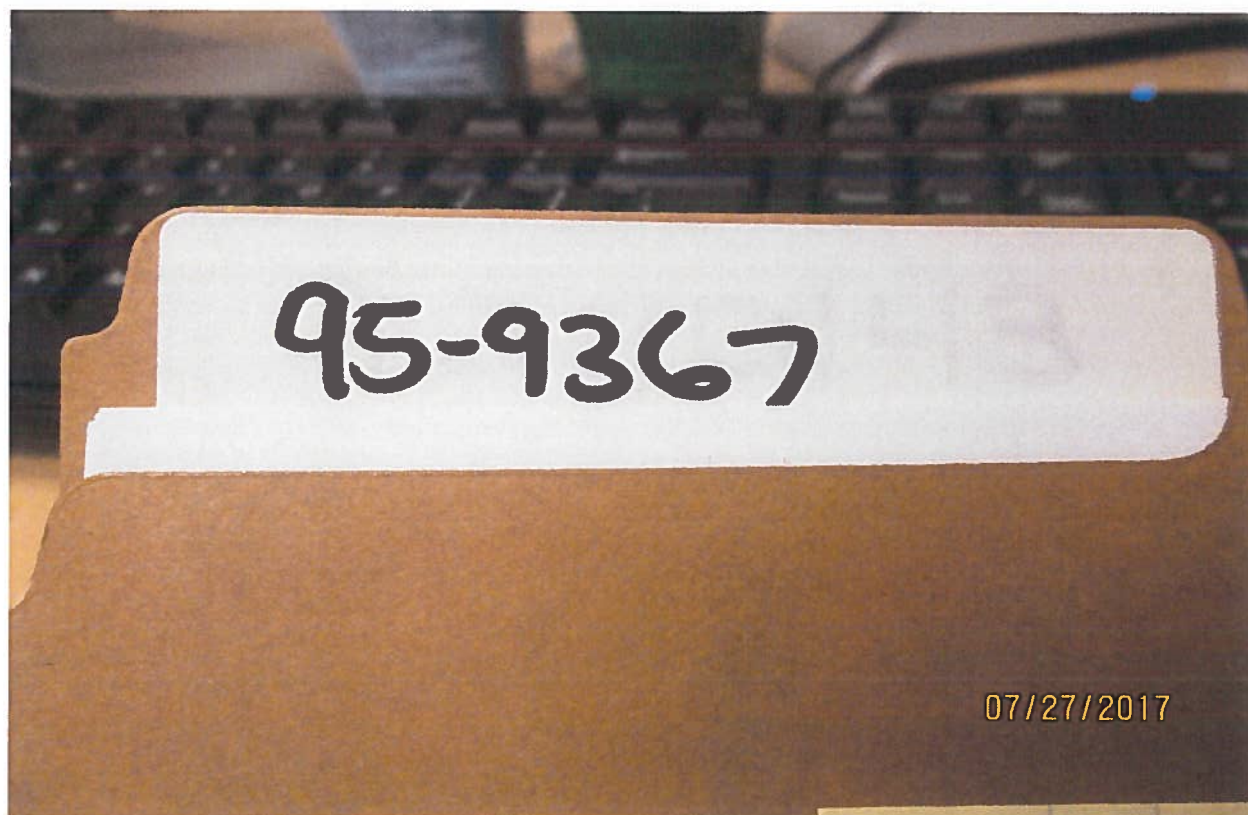
DOMESTIC / SYSTEM DIAGRAM



-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections

0 0.035 0.07 0.14 Miles





1 inch pipe going into lake with buoy marking location.



Pump with pressure tank.



1hp pump that produced 20gpm or 0.04 cfs.



Frost free hydrant.



Place of use.