

[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 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 Size</u>
N/A					

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

D. FLOW MEASUREMENTS

1.

<u>Measurement 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 flow in Cool Creek. Water delivery system from supplemental ground water from well to pond has not yet been developed.

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method: N/A

(No measuring device in Cool Creek and no water delivery system from supplemental well)

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: (Cool Creek Aesthetic Pond)

$$V(\text{Cool Creek Aesthetic Pond}) = A \times D$$

$$V = 0.30 \text{ acres} \times 10' = 3.0 \text{ AFA}$$

$$V(\text{refill/evaporation}) = 0.3 \text{ acres} \times 3' = 0.9 \text{ AFA}$$

Cool Creek Aesthetic Pond:

Surface Area (A) = 0.30 acres

Pond Average. Depth (D) = 10 feet

$$V(\text{total}) = 3.0 \text{ AFA} + 0.9 \text{ AFA} = 3.9 \text{ AFA}$$

G. NARRATIVE/REMARKS/COMMENTS**WATER SUPPLY SYSTEM:**

At the time of issuance of Water Right Permit No. 67-14496, it was the intent of the applicant, the former owner, to construct ten (10) aesthetic storage ponds on Cool Creek. Cool Creek would be the source of water for the aesthetic storage ponds until the creek dried up, generally between the middle of June and first of July. At that time, a well would be used to supply water to the aesthetic ponds. A recirculation system was proposed for the aesthetic ponds to create a water feature for the development and the Council Mountain Golf Course.

However, at the time of the field exam, only one (1) 0.30 acre aesthetic storage pond had been constructed. Since only one aesthetic storage pond was constructed, a pond recirculation system was never installed. Also, the existing well, Water Right 67-7029, which was to be used to provide water to the ponds after Cool Creek dried up, was never developed for this pond. Shallow ground water associated (tributary) with Cool Creek, helps to fill/maintain pond water levels (See photos).

Therefore, without water service to the aesthetic storage pond from the existing well, there will not be a diversion rate to storage for the permit. The only beneficial use will be for aesthetic storage.

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

CONDITION NO. 5 – This right authorizes the impoundment of water from Cool Creek in a series of on-stream reservoirs and the circulation of storage. Only one (1) aesthetic storage pond was constructed, therefore installation of a water recirculation system was not required.

CONDITION NO. 8 (18C) – Prior to diversion of water, the right holder shall provide a means acceptable to measure the amount of water entering and being released from the reservoirs. Contacted Brandi Horton, Watermaster – District 67, to seek approval to request a waiver to the Department's requirement for water measurement. She is in agreement with waiving the water measurement requirement at this time, but indicated that if the right holder was to move forward with the original plan for multiple aesthetic storage ponds to be constructed in the future, it may become necessary to require the right holder to install measuring devices acceptable to the Department and the Watermaster for District 67.

RATE &/OR STORAGE RECOMMENDED FOR LICENSING

Description	Rate of Flow (cfs)		Storage (af)
Permit Amount	0.18	&/or	125.00
Beneficial Use Limit	0.18	&/or	N/A
System Measurement	N/A	&/or	3.9
Proof Fee Amount	0.20	&/or	N/A
Recommended Amount	N/A	&/or	3.9

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
AESTHETIC STORAGE	01/01 to 12/31	N/A	3.90 AFA
<u>Totals:</u>		N/A	3.90 AFA

2. Recommended Amendments

___ Change P.D. as reflected above ___ Add P.D. as reflected above X None

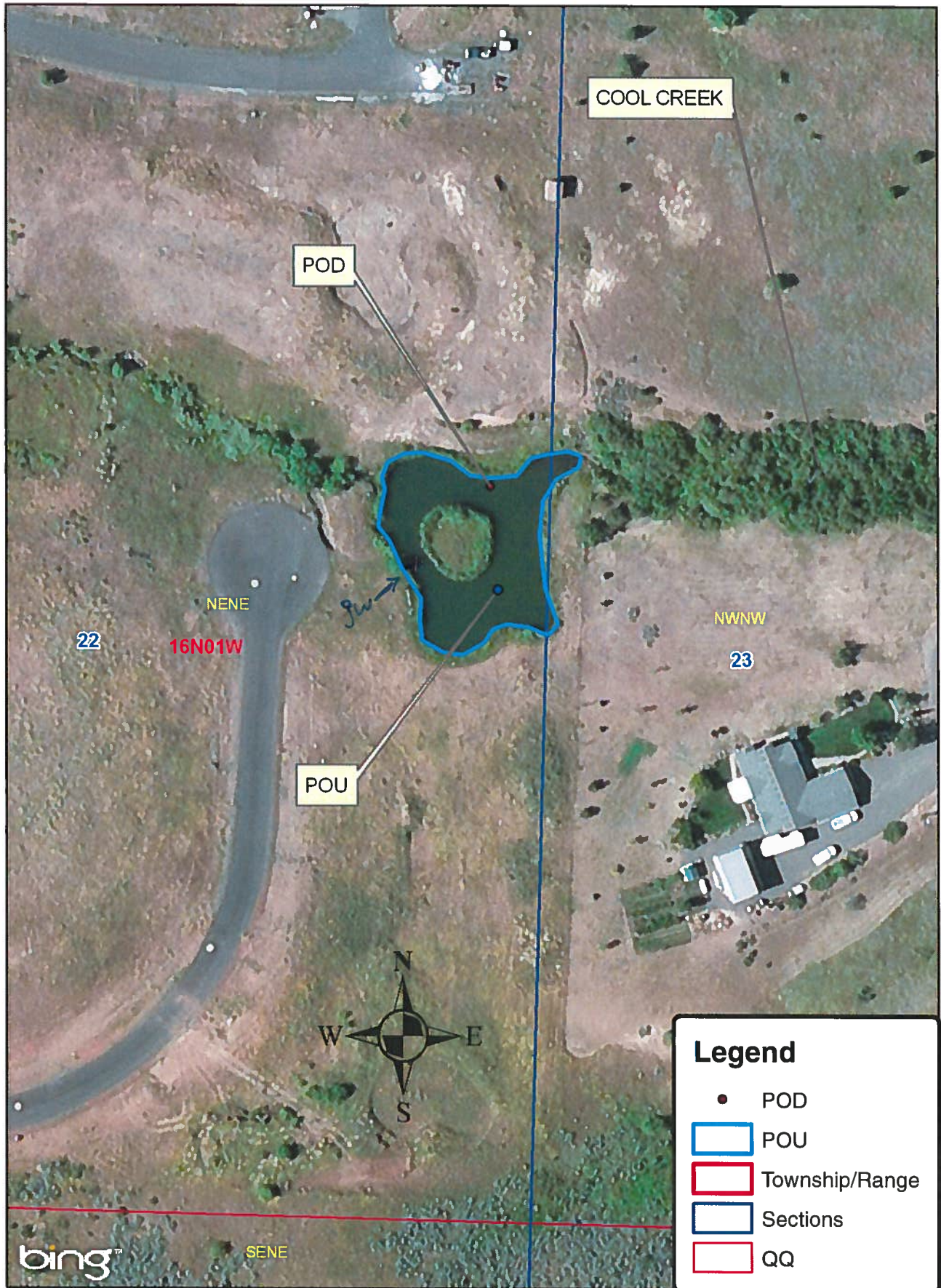
___ Change P.U. as reflected above ___ Add P.U. as reflected above ___ Other

I. AUTHENTICATION

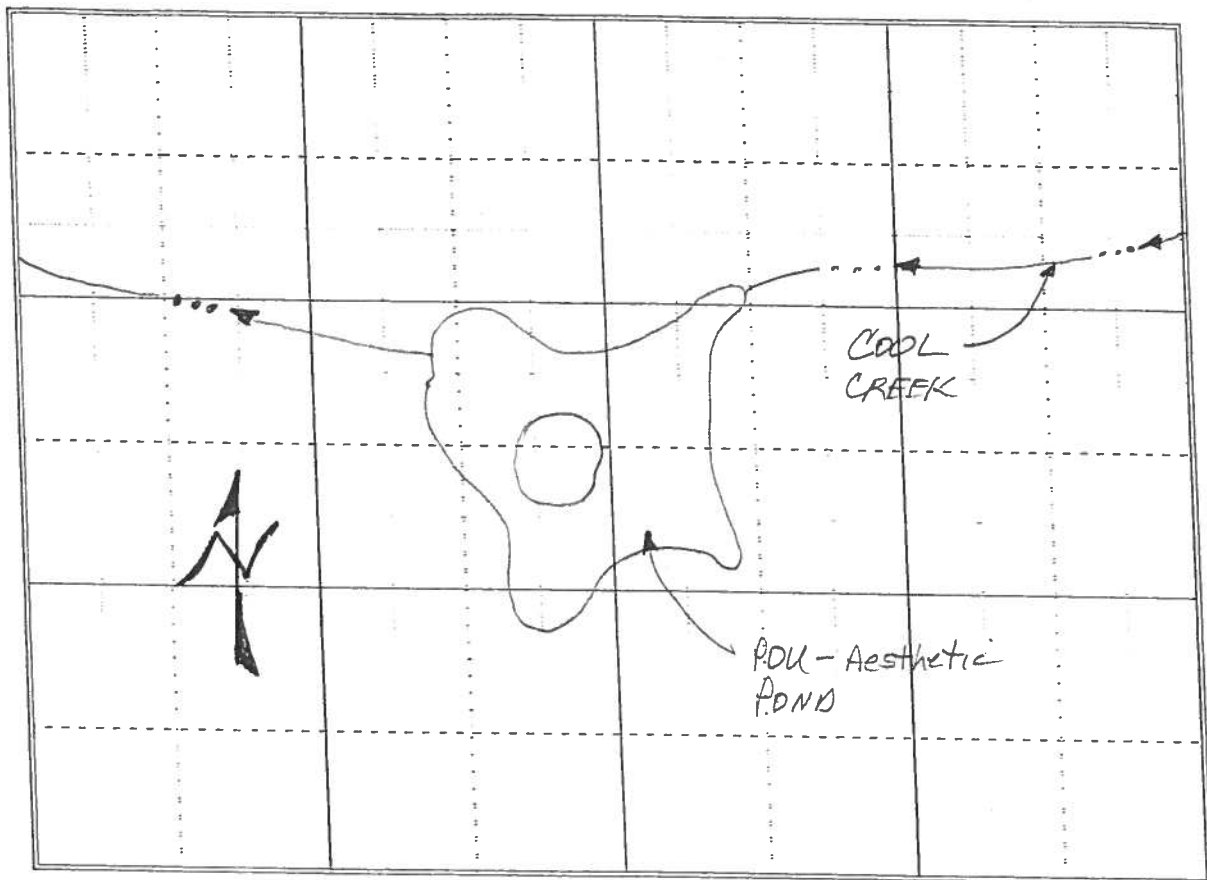
Field Examiner's Name Rick Collingwood Date 1/31/13
 Reviewer _____ Date _____

67-14496

BING AERIAL PHOTO - 2011



- 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" = NTS

- ☐ 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: 67-14496

Field Exam Date: 9-5-12

PLS: NE1/4, NE1/4 Section 22, T.16N, R.01W

Field Examiner: RC



Place of Use: View southerly of aesthetic pond on Cool Creek. Since Cool Creek is sometimes dry and a well does not supply water to the pond, it appears that the pond is also filled with shallow ground water.



Point of Diversion/Place of Use: View easterly of Cool Creek's point of discharge to the east end of aesthetic pond.



View westerly of aesthetic pond spillway channel on Cool Creek.



State of Idaho

DEPARTMENT OF WATER RESOURCES

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C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Interim Director

August 13, 2012

Airdog, LLC
C/O Steve Nash
73285 Willow Street
Palm Desert, CA 92260

RE: Scheduling Field Exam for Water Right Permit No. 67-14496

We are planning to **conduct water right field examinations** in the vicinity of the above-referenced permit **during the week of August 20, 2012**. An examination is needed to verify your water use in order to issue a water right license.

Please be advised that you will need to operate your system under normal operating conditions during the examination. The permit authorizes the diversion of 0.18 cfs from ground water and Cool Creek for aesthetic use and 125.0 AF of aesthetic storage.

In order to conduct your exam as efficiently as possible, we ask that you call this office to schedule a day and time convenient for you. **Please call me at 208-334-2190 by August 17, 2012, to conduct the exam during the week of August 20, 2012.** If there is a problem with scheduling or conducting the examination at this time, please let me know so we can reschedule or make other arrangements.

I appreciate your attention to this matter and I look forward to hearing from you.

Sincerely,

A handwritten signature in black ink that reads "Rick Collingwood". The signature is written in a cursive, flowing style.

Rick Collingwood, P.E.
Water Resource Agent, Sr.