

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-8747

Exam Date: 9/24/2013

1. Current Owner: COUNTY OF BLAINE RECREATION DISTRICT
C/O JAMES P SPECK ESQ
HOGUE SPECK & AANESTAD
PO BOX 987
KETCHUM ID 83340-0987
(208)726-4421
2. Accompanied by: Eric Rector
Phone No: 208-720-6719
Address: BCRD, 1050 Fox Acres Rd., Suite 107, Hailey, ID 83333
Relationship to Permit Holder: BCRD Director of Trails and Facilities

3. SOURCE TRIBUTARY
GROUND WATER

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:**

GROUND WATER SE1/4SW1/4SE1/4 Sec. 6, Twp 03N, Rge 18E, B.M.
BLAINE County

Method of Determination: ArcMap aerial photography

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
03N	18E	6															X		

photography

Method of Determination: ArcMap aerial

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>
E0006075	5				

*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>

2. Measurements:

No measurement made, system is underground

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

Theoretical Q = $8.8 \times 5(\text{HP}) \times 0.70 / 70(\text{dynamic pumping level}) + (2.31 \times 50 \text{ psi}) = 0.16 \text{ cfs}$ **F. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation: NA

 $V_{\text{I.R.}} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ $V_{\text{D.R.}} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$ $V = \text{Smaller of } V_{\text{I.R.}} \text{ and } V_{\text{D.R.}} =$

2. Volume Calculations for Other Uses: NA – Beneficial Use Rules do not require an annual volume on 42-111 domestic uses.

G. NARRATIVE/REMARKS/COMMENTS

The field exam for permit 37-8747 was conducted on September 24, 2013, with Eric Rector of the Blaine County Recreation District present. A 5 HP pump in a well supplies water for the project, which is located adjacent to Highway 75 at the Boxcar Bend of the Big Wood River. Sprinklers irrigate the grasses, small shrubs, and trees which are located along the Wood River Trail. The southern portion of the project, which was to receive irrigation for only one year, is not irrigated, and is vegetated with crested wheatgrass, rabbitbrush, sagebrush, and weeds.

The sprinklers are located next to the path, and are spaced about 35 feet apart. They are operated for about 45 minutes, once every 3 days, from the end of June to the first of October. Approximately 0.7 acres are under irrigation.

** Period of use limited to irrigation season.*

No measurement was made because the system is entirely underground. Recommend licensing a flow rate of 0.04 cfs, with no annual volume per Beneficial Use Rules pertaining to 42-111 domestic uses.

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	4/15 to 10/31	0.040 CFS	
<u>Totals:</u>		0.040 CFS	

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

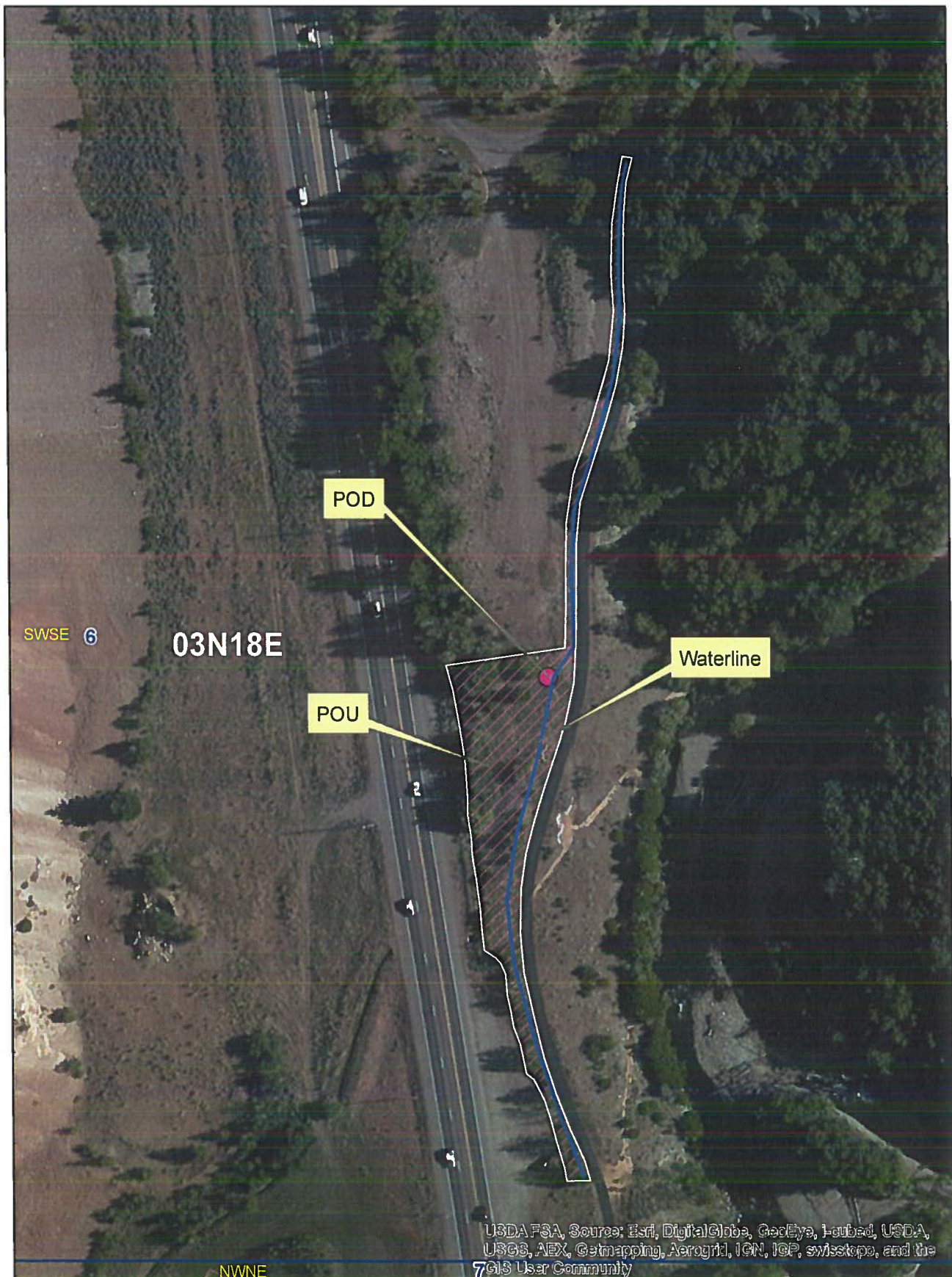
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name *Jim Boyer* Date 9/24/2013

Reviewer *[Signature]* Date 10/8/13

Idaho Department of Water Resources



37-8747 System Diagram

0 0.015 0.03 0.06 Miles



Well and underground control boxes

Sprinkler head along pathway





View of pathway and surrounding vegetation looking north

View of pathway and surrounding vegetation looking south





Middle portion of the project, looking north

The southern portion, no longer irrigated



WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

[illegible]

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT