

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-8566

Exam Date: 6/6/2013

1. Current Owner: MICHAEL S ENGL
PO BOX 2500
SUN VALLEY ID 83353
(208)726-8151
2. Accompanied by: Ruby Becker (Mr. Engl's assistant), Jim Wood (property caretaker), and Jim Bitzenburg (IDWR)

3. **SOURCE**

SPRINGS

TRIBUTARY

BIG WOOD RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None. Right 37-12358 is for domestic use on an adjacent property (parcel # RP04N18031755A). It also appears that the irrigation from storage use described by 37-4131 is for irrigation of portions of the property not associated with the home (no overlap with domestic irrigation)
2. Other water rights with the same point of diversion: Right 37-12358 is diverted from same spring system

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

SPRINGS

SW1/4NE1/4SW1/4

Sec. 31, Twp 04N, Rge 18E, B.M.

BLAINE County

Method of Determination: Aerial photography and field verification

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	
04N 18E 31									X								

Method of Determination: Aerial photography and field verification

D. FLOW MEASUREMENTS

Not required for permits with irrigation of less than five (5) acres or permits with the total combined diversion rate for all the uses established in connection with the permit not exceeding twenty-four one hundredths (0.24) cubic feet per second per new Beneficial Use Examination Rules implemented 3/29/2012.

E. VOLUME CALCULATIONS

Not required for 42-111 type domestic uses per new Beneficial Use Examination Rules implemented 3/29/2012.

F. NARRATIVE/REMARKS/COMMENTS

Application for permit 37-8566 was filed on August 10, 1989 for the diversion of 0.04 cfs from springs (tributary to the Big Wood River) for domestic use north of Hailey. Permit 37-8566 was approved on February 13, 1990. Proof of Beneficial Use was filed on April 5, 1990. On June 6, 2013, Jim Bitzenburg and I conducted the licensing exam for permit 37-8566. The exam was arranged with Ruby Becker (Mr. Engl's assistant). During the exam, Jim and I were accompanied by Jim Wood who is the property caretaker and is most familiar with the 37-8566 system.

The 37-8566 system consists of a spring with a buried collection system, including a 500 gallon cistern and a 1000 gallon cistern, which feeds a buried two inch diameter plastic pipe line to a small building. Inside this building, there are additional storage tanks and a water filtering system that treats the water before conveying it to two homes via buried pipelines. Water use at one of these homes (the older home located on parcel # RP04N18031755A) is covered by SRBA decree 37-12358. The water use at the other home (the newer home located on parcel # RP04N18031755B) is the water use described by permit 37-8566. Due to the system being buried, and the presence of the storage tanks in the system, there was no attempt made to conduct a measurement to determine the actual diversion rate. However, flow measurements are not required for permits with irrigation of less than five (5) acres or permits with the total combined diversion rate for all the uses established in connection with the permit not exceeding twenty-four one hundredths (0.24) cubic feet per second per new Beneficial Use Examination Rules implemented 3/29/2012.

During the licensing exam for 37-8566, the source and point of diversion was observed. Note that rights 37-8566 and 37-12358 share the same spring source/point of diversion west of the ponds. It was reported that a buried perforated pipe, approximately 50 feet long collects water from a spring on a hillside. No visible channel exists below the spring and it is unlikely that the spring water ever reached the Big Wood River over a half mile away. Also note that the source(s) for SRBA decrees 37-4130 and 37-4131 are identified as "Springs tributary to Sinks" and are associated with the water storage facilities on the property (presumed to be much larger springs within the ponds). The 37-4130 and 37-4131 sources would be located closer and down gradient towards the Big Wood River than the 37-8566 and 37-12358 source. It appears that a more accurate description for the 37-8566 and 37-12358 source would be "Spring tributary to Sinks". However, since 37-12358 was decreed as "Springs tributary to Big Wood River" it is recommended to license 37-8566 as "Springs tributary to Big Wood River" so that it is consistent with 37-12358 and to help clarify that the two rights share the same source and point of diversion.

Permit 37-8566 was identified as being located within Water District 37, The recent order (signed 9/17/2013) redefining Water District 37 and creating Water District 37B excluded rights for 42-111 "domestic uses", so it is recommended that the right not be associated with a water district.

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

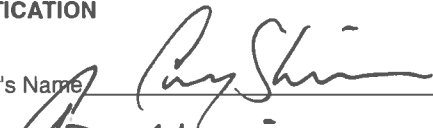
G. RECOMMENDATIONS**1. Recommended Amounts**

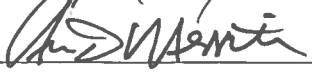
<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
DOMESTIC	01/01 to 12/31	0.040 CFS	N/A
<u>Totals:</u>		0.040 CFS	N/A

2. Recommended Amendments

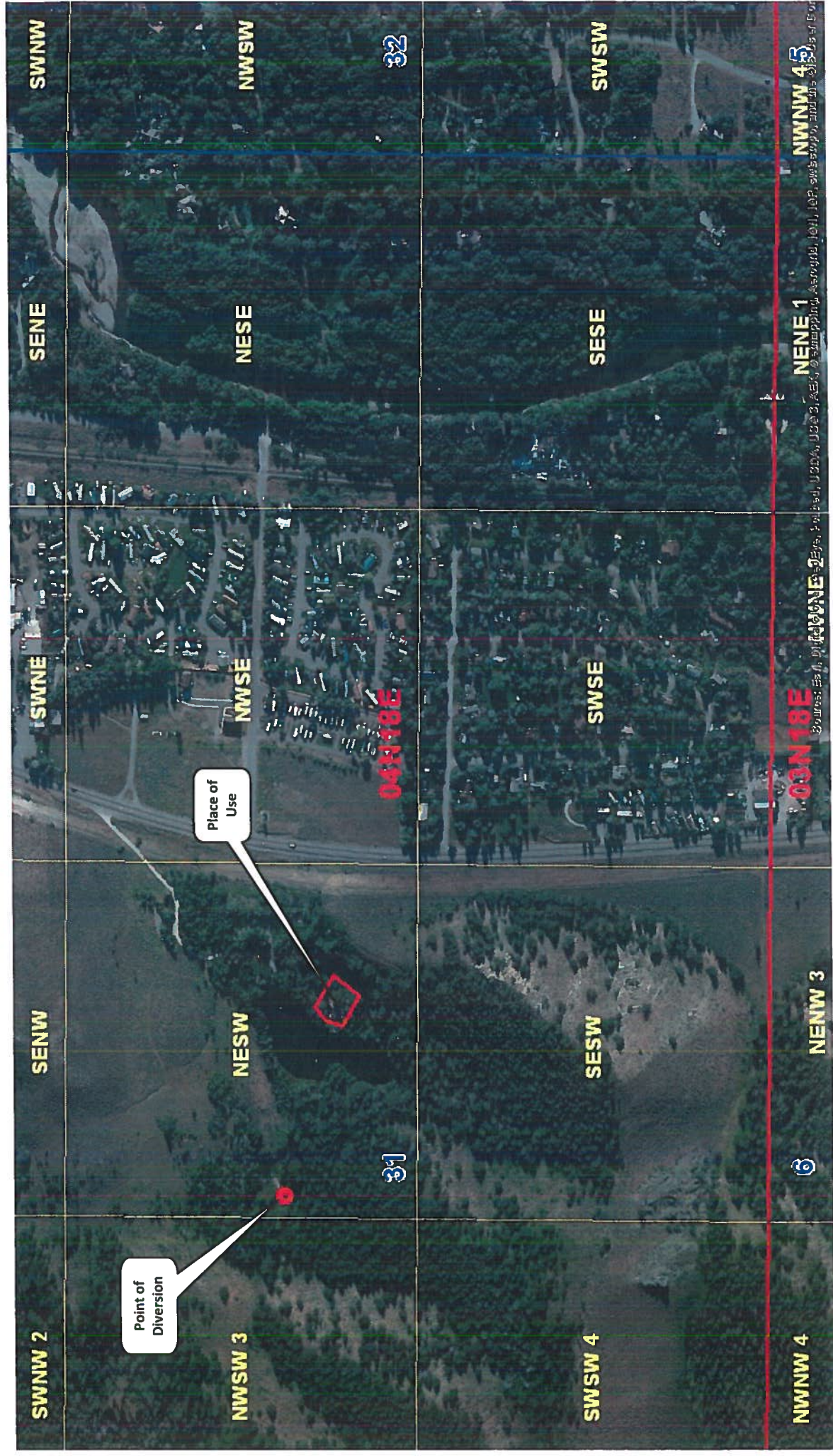
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

H. AUTHENTICATION

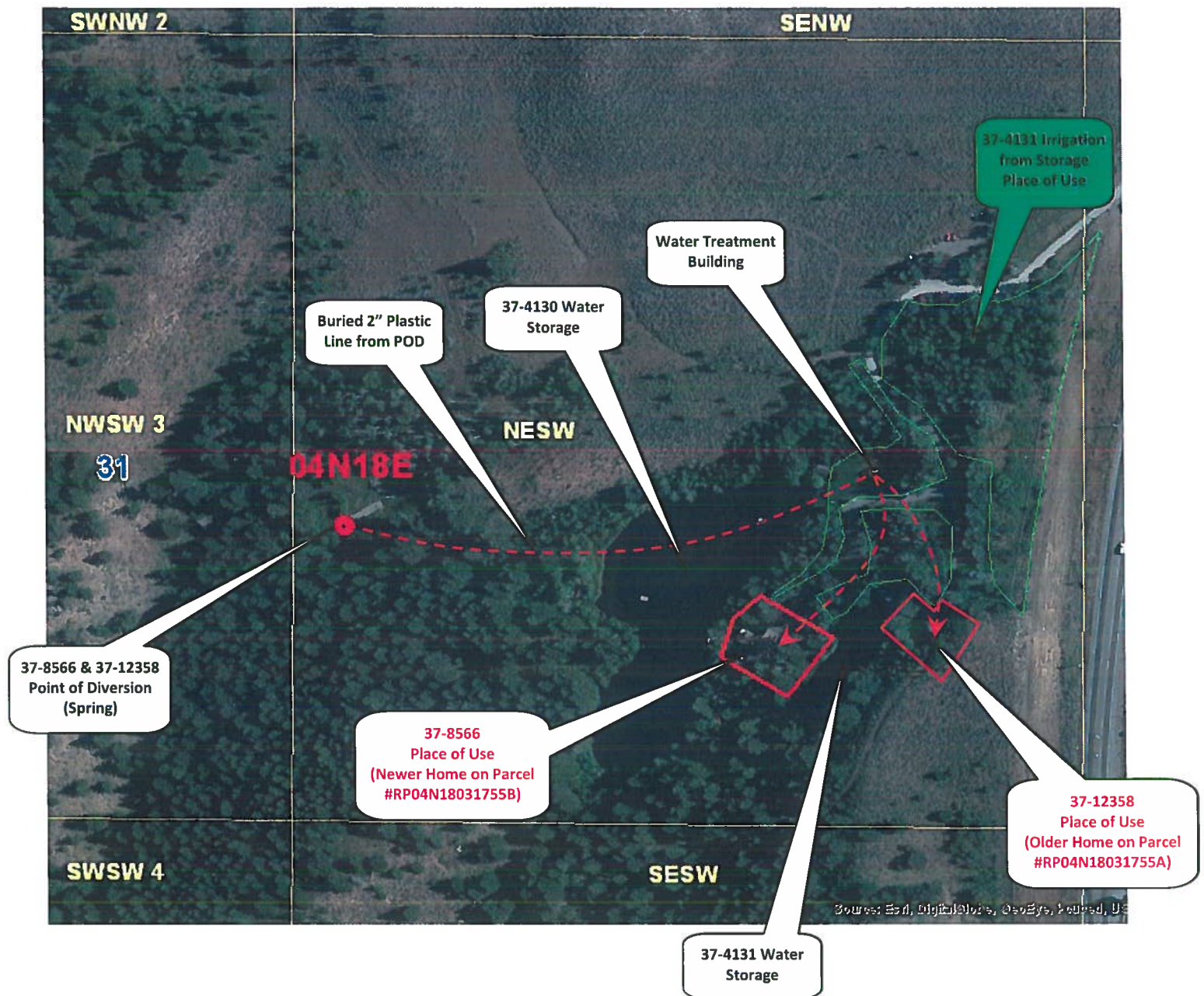
Field Examiner's Name  Date 10/15/2013

Reviewer  Date 10/23/2013

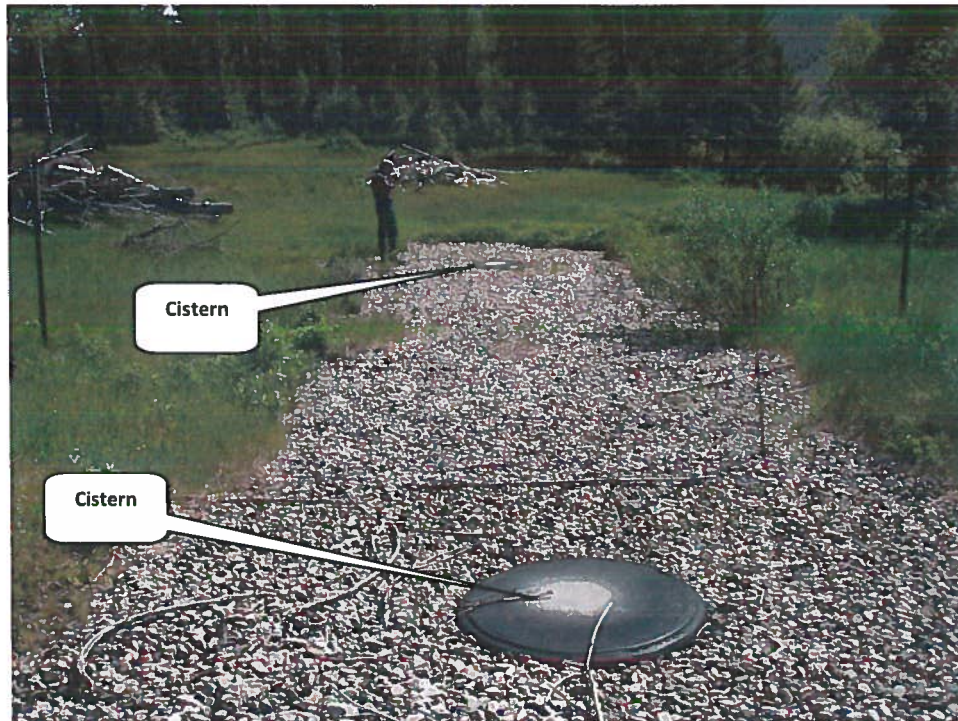
37-8566 Point of Diversion & Place of Use Map



37-8566 System Diagram & Relationship to Existing Rights in Area



37-8566 Point of Diversion & Place of Use Photos



ABOVE: View of spring collection area (point of diversion) on hillside above the home. The tops of the cisterns within the spring collection area are visible. A 2 inch buried plastic pipeline leads from this location to the water treatment building. After treatment, the water leads to the 37-8566 home and the 37-12358 home.

BELOW: View of the home that serves as the place of use for 37-8566. This home is located on parcel # RP04N18031755B. Note the garden hose that can be utilized for irrigation around the home.

