

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 81-11988

Exam Date: 10/2/2012

1. Current Owner: ALLEN R LEWIS AND
JACQUELINE K LEWIS
7731 OUR OWN LN
ANCHORAGE AK 99516
(208) 320-2879

2. Accompanied by: Bob and Carla

Phone No: Unknown

Address: 268 Longbluff Rd (physical address of POU)

Relationship to Permit Holder: tenants

3. SOURCE TRIBUTARY
SPRING SINKS

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 81-12004 (stockwater)
2. Other water rights with the same point of diversion:

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

SPRING SE1/4SE1/4SW1/4 Sec. 14, Twp 32N, Rge 04E, B.M. IDAHO County

Method of Determination: Field visit, Aerial Imagery and GPS (bad reception and didn't get a good point)

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE	NW	SW	SE	Totals
32N	04E	14	NE	NW	SW	SE	X

Method of Determination:

3. ☒ Delivery System Diagram Attached (required).
☒ Map 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

4.

Well or Diversion

ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
A0017545	Geyser II, Model 2305	1/4	Simer		

D. FLOW MEASUREMENTS

1.

Measurement

Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Calibrated bucket and stopwatch						

2. Measurements:

At the time of the exam, the 550 gallon storage tank was full. The pump located at the point of diversion was on so the water that I measured was the overflow water off the top of the storage tank. I took two fills using the 5 gallon bucket. Typically, this system is gravity flow...pump is only needed to get the water flowing.

E. FLOW CALCULATIONS

___N___Additional Computation Sheets Attached

Measured Method:

Average of 160 seconds to fill the bucket → $160 \text{ seconds} / 60 = 2.7 \text{ minutes}$, $5 \text{ gallons} / 2.7 \text{ minutes} = 2 \text{ gpm}$ or 0.004, round up to minimum diversion rate of 0.01 cfs for licensing.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: NA

2. Volume Calculations for Other Uses: Domestic use; standard in-house use with $\frac{1}{2}$ acre of irrigation = 1.2 AF**G. NARRATIVE/REMARKS/COMMENTS**

In 2008, the permit holder filed a complaint with the Department against water uses from a neighbor, Tim Hoeffenreich. In her claim, the permit holder states that Hoeffenreich is illegally using spring water from her collection box for domestic, fish propagation, and storage purposes.

I conducted an overlap analysis regarding the point of diversion to see who else is authorized to divert from the collection box (PD for this permit) and found that it does not appear that no other rights are authorized to divert from the collection box. Here were my findings:

Decreed Right 81-7133-Domestic (Lloyd Mooers): This right authorizes the diversion from a spring located within the NWSESW of Sec. 14. According to the permit holder's tenants, the Mooers used to divert from the same collection box as this permit's but their connection has been cut (allegedly someone cut the pipeline) and that the Mooers intend to get a well for their domestic use. Based on photos that were taken at the field exam for the licensing of 81-7133, the collection box does not appear to be the same collection box that I found at the exam; the collection box in the photo was on flat land that was clear of brush. If you look at the photos that I took while examining this permit, you'll see the area surrounding the collection box is much different. Either way right 81-7133 is not authorized to divert from the SESESW of Sec. 14.

Decreed Right 81-4027-Stockwater (Tahoe Ranch): The claimant describes the diverting works as "gravity and ditch". It does not appear that a collection box was ever part of the diverting works. Water most likely directly flowed into a stock tank. This right was decreed with 3 PDs; NESW and SESEW of Sec. 14 and SENW of Sec. 24. Since the decree, this right has been split based on ownership. There are three owners at each PD and the split was based on who owns the land at the PD. The permit holder owns land in the SESEW, Hoeffenreich owns land in the NESW and the remaining PD at the SENW of Sec. 24 remains in the name of Tahoe Ranch. Note: The deed that the permit holder submitted in connection with her ownership change for 81-4027, doesn't mention an easement at the collection box.

Analysis of PD overlap: It does not appear that any overlaps exist at the point of diversion and I will not include any overlapping conditions on the license. Note that I did not see stock or see any signs of recent stock activity in this subdivision but there's no way to be sure of forfeiture for 81-4027. Historically, it appears that the original owners of 81-4027 (Tahoe Ranch) didn't develop a collection box and the exact location of the PD is the SESEW is unknown. Furthermore, the new disposition and split of 81-4027 resulted in the permit holder being the only right holder authorized to divert in the SESEW of Section 14. Note that the permit holder stated that the collection box was built in the 1980's by previous owner Mr. Osborn.

Examination Findings Regarding Diversion from the Collection Box:

At the time of the field exam I could see that there were 4 pipelines coming out of the collection box. Two of those pipelines were cut at some point and don't appear to be serving any purpose at this time. One of the pipelines is buried about ½ way up the collection box and was submersed at the time of the exam. The pipeline ran out on the west side of the collection box. I could not tell where this pipeline went to and could not tell if it was hooked up to a pump. It appeared that there was a second pump, in addition to the permit holder's pump, but it was fixed on the bottom of the collection box so I could not tell the hp or if it was hooked-up or not. In addition, there is a thermal expansion absorber in the collection box. Most likely, the expansion absorber was installed to prevent excessive pressure from blowing out a section of pipeline. The absorber does not belong to the permit holder and appears to be part of the pipeline that is buried and may indicate that the pipeline must travel many feet. The Hoeffenreich's property is ~900 feet away. Note that the permit holder stated that there is indeed a second pump inside the collection box that is not theirs and appears to pump 10 gpm.

Final Comments on Complaint: It does not appear that Hoeffenreich has an easement that allows him to install a pump at the permit holder collection box, or anywhere on the permit holder's property. It seems that this is a civil matter and the permit holder should contact local authority to handle the trespass issue.

Fish screening condition not applicable - collection box intercepts water below the surface.

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	0.010 CFS	1.2 AF
<u>Totals:</u>		0.010 CFS	1.2 AF

2. Recommended Amendments

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

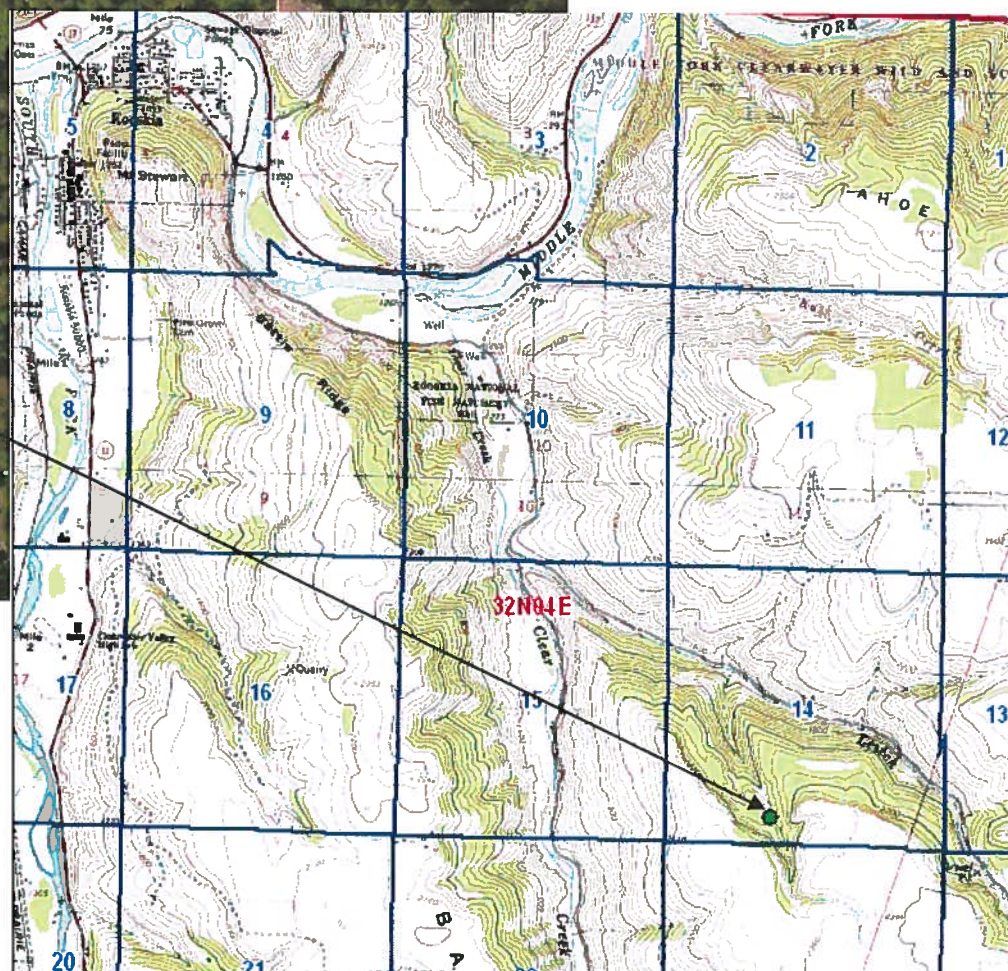
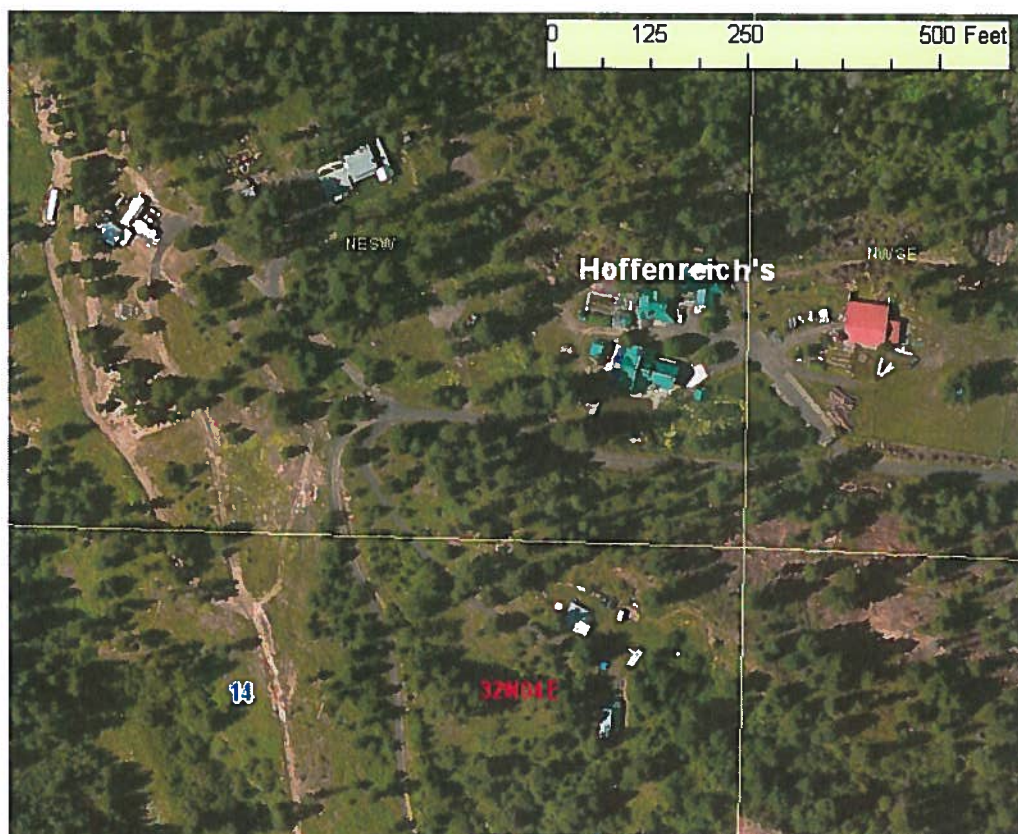
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name Cherie Palmer Date 2/22/13

Reviewer _____ Date _____

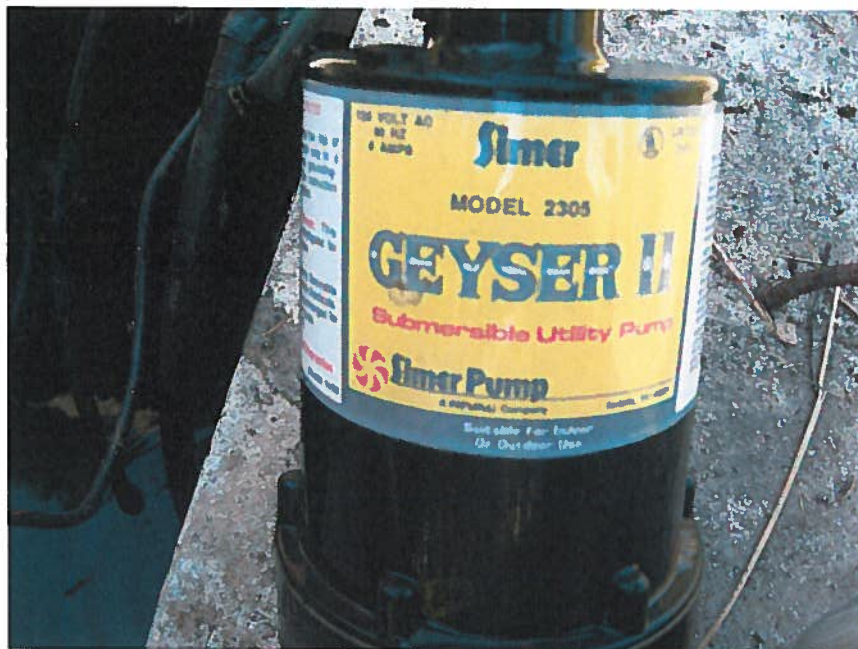




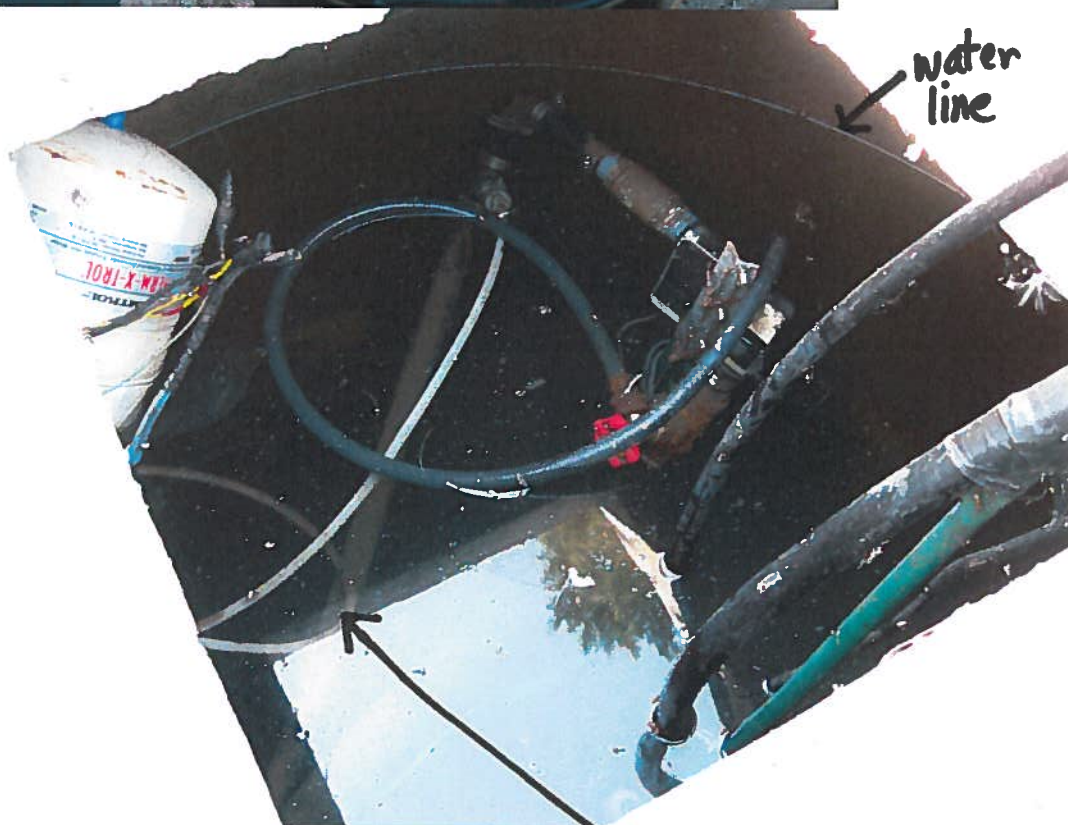


Point of diversion
- collection box

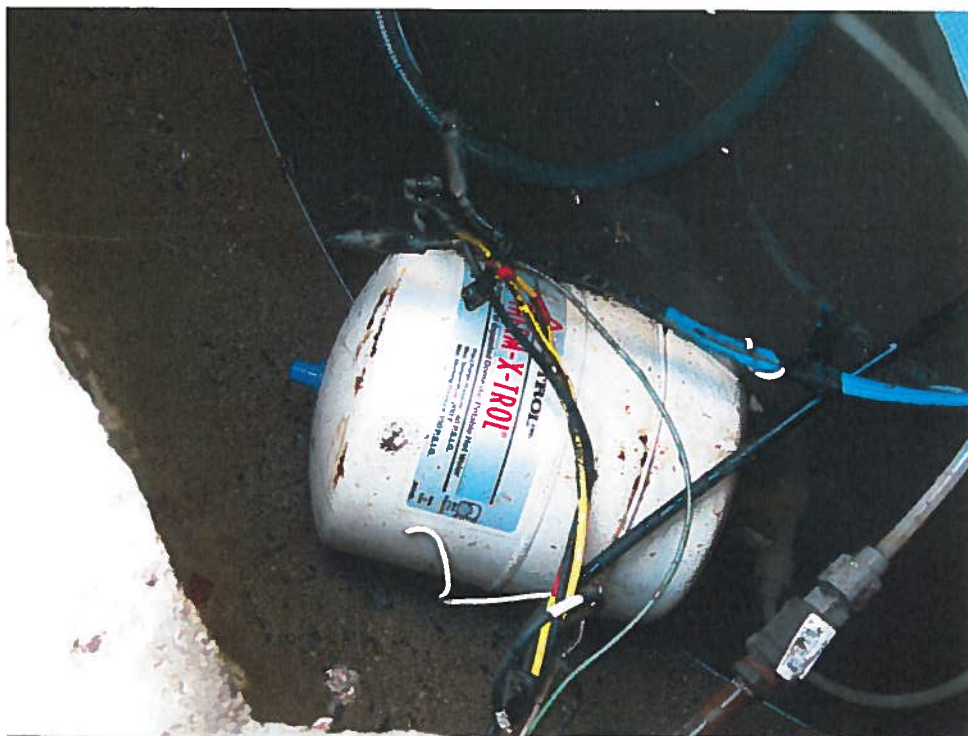
Photo looking westward
from permit holder's
driveway



Permit holder's pump
1/4 HP



3/4 pipeline that continues
underground. - suspected
that this line goes to
Hoffenreich's property



pressure absorber
- not owned by permit holder
- suspected to be for Hofferreich's pipeline



looking north at outbuilding and "water shed" where storage tank is located



Looking north at
the place of use
(cabin and patch of
lawn that gets
irrigated)



Looking west
water shed



Point of measurement
(this is excess when
the storage tank
is full)

- located on west side
of the water shed



Contents of the
water shed

← pump to cabin



water coming in
from the spring



old stock tank

water shed is at
my back-facing
the NW direction



Tag on power pole
that was installed
by neighbors -
Movers

-later the Hufferreich
installed a second
power box on pole



10W2 site tag placed
during the exam.
- Placed on power pole





Allegedly, this
is Hoffenreich's
water meter