

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

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DEPT. OF WATER RESOURCES
SOUTHERN REGION

A Beneficial Use Field Report is prepared by a water right examiner as the result of an examination to clearly confirm and establish the extent of the beneficial use of water established in connection with a permit during the development period authorized by the permit and any extensions of time previously approved.

A. GENERAL INFORMATIONPermit No. 37-22958

1. Owner The Barer Family Trust c/o Stanley H & Alta S Barer Trustees Phone No. _____
Current address 3048 E Laurel Hurst Drive NE Seattle WA, 98105
2. Examiner's name Charles E. Brockway EXAM DATE October 13, 2016
3. Accompanied by _____ Email _____
Address _____
Relationship to permit holder _____ Phone No. _____
4. Source Big Wood River tributary to Malad River

B. OVERLAP REVIEW

1. Other water rights with the same place of use Portion of 37-8480.
2. Other water rights with the same source and point of diversion Domestic portion of 37-8478

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident. No.	Gov't Lot	¼	¼	¼	Sec	Twp	Rge	County	Method of Determination/Remarks
		NW	NW	SE	1	4N	17E	BLAINE	Approved Permit, Field Examination.
		NW	NW	SE	1	4N	17E	BLAINE	Approved Permit, Field Examination.

2. Place(s) of Use: Method of determination Approved Permit, Field Verified.

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
4N	17E	1														Js			

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" = _____

- ☐ 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

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Natural River Side Chan	N/A	N/A	N/A	N/A	N/A

*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
N/A.						

2. **Measurements:** _____

Volumetric measurement of both ponds calculated by multiplying surface area by average depth in each pond. Total volume is addition of each individual pond volume.

E. NARRATIVE/REMARKS/COMMENTS

Storage sought under this permit (0.3 acre-feet) by way of excavation of two ponds in a natural side channel of the Big Wood River has been accomplished. Natural side channel of the Big Wood River currently flows through the applicant's property, into and out of the two ponds described under 37-22958 and exits the applicants property.

Natural side channel has no diversion structure at head end and flow in the channel is not regulated by any type of man-made device, flow through applicant's property and ponds is dependent upon stage in Big Wood River channel at entrance to natural side channel.

Upper pond was cleaned out on 10/30/15. Upper pond has a surface area of approximately 2,614 square feet as measured using the NAIP 2015 aerial photo and through field verification. Lower pond has a surface area of 1,310 square feet as measured using the NAIP 2015 aerial photo and through field verification. Upper pond has an average depth of 4.0 feet, lower pond has an average depth of 1.5 feet. Therefore, upper pond's volume is approximately 0.24 acre-feet and lower pond's volume is approximately 0.05 acre feet. Total volume for both ponds is 0.29 or 0.3 acre-feet.

Water right 37-8480 is a ground water right that is authorized to be stored in the same storage features as described under permit 37-22958.

Use of water under 37-22958 is non-consumptive.

See attached pictures.

Has the permit holder met all conditions of permit approval, including any mitigation requirements and/or measuring device installation requirements? ☒ Yes ☐ No If no, what must be done to meet the permit requirements?

All conditions of permit have been met.

F. FLOW CALCULATIONS☐ Additional computation sheets attached

Measured Method:

Flow rate not associated with water right permit 37-22958 and therefore have not been included.

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{N/A}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{N/A}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{N/A}$$

2. Volume Calculations for Other Uses:

Upper Pond Area = 2,614 square feet or 0.06 acres. Upper Pond Average Depth = 4.0 feet. Upper Pond Volume = 0.24 acre-feet.

Lower Pond Area = 1,310 square feet or 0.03 acres. Lower Pond Average Depth = 1.5 feet. Upper Pond Volume = 0.05 acre-feet.

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Aesthetic Storage	01/01	12/31		0.3 AFA
Totals:				0.3 AFA

2. Recommended Amendments

☐ Change P.D. as reflected on page 1☐ Add P.D. as reflected on page 1☒ None☐ Change P.U. as reflected on page 1☐ Add P.U. as reflected on page 1☐ Other**I. AUTHENTICATION**

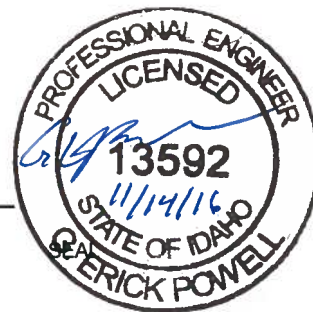
Field Examiner's Signature

Date

11/14/2016

Reviewer

Date





0 50 100 200 Feet

BARER FAMILY TRUST

BENEFICIAL USE LICENSE EXAM: 37-22958
NAIP 2015 AERIAL

● POD
□ POU





Figure 1: The Barer Family Trust Northern Pond, View Looking South.



Figure 2: The Barer Family Trust Southern/Lower Pond, View Looking North.