

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 96-9519
Exam Date: 4/16/2015

1. Current Owner: DAN FOGARTY
PO BOX 1472
SANDPOINT ID 83864
(208)263-5546
2. Accompanied by: Dan Fogarty

3. SOURCE

SPRING

TRIBUTARY

SINKS

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:**

SPRING NW1/4SE1/4SW1/4 Sec. 8, Twp 57N, Rge 02W, B.M. BONNER County

Method of Determination: Aerial photography, Bing Maps and Arc Map Data.

2.

PLACE OF USE: RECREATION STORAGE, FIRE PROTECTION STORAGE AND AESTHETIC STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
57N 02W 8												X					

Method of Determination:

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</u> <u>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</u> <u>Size</u>
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N/A

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

D. FLOW MEASUREMENTS

1.

<u>Measurement</u> <u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
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N/A

2. Measurements:

E. FLOW CALCULATIONS

Measured Method:

N/A

☐ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses: SEE ATTACHED POND ANALYSIS SHEET

G. NARRATIVE/REMARKS/COMMENTS

OFF STREAM POND THAT IS FED BY SPRING THAT HAS OUTLET PIPE LEADING INTO SYRINGA CREEK. POND WAS 72FT X 42 FT WITH AN AVERAGE DEPTH OF 8FT. WILL BE CHANGING AESTHETIC, RECREATION AND FIRE PROTECTION THAT WAS ON PERMIT TO AESTHETIC STORAGE, RECREATION STORAGE AND FIRE PROTECTION STORAGE FOR LICENSE.

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>
RECREATION STORAGE	01/01 to 12/31		1.00 AF
FIRE PROTECTION STORAGE	01/01 to 12/31		1.00 AF
AESTHETIC STORAGE	01/01 to 12/31		1.00 AF
<u>Totals:</u>			1.00 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 Gdon Frederick

Date 5-6-2015

Reviewer Eric [Signature]

Date 5-20-2015

WATER PERMIT 96-9519
POND ANALYSIS SHEET

POND SIZE: 72 FT X 42 FT = 3024 SQFT / 43,560 = 0.07 ACRES X 8FT = 0.56 AF
EVAPORATION: 189 GPD X 365 DAYS / 325,850 GAL/AF = 0.21 AF
SEEPAGE: 226 GPD X 365 DAYS / 325,850 GAL/AF = 0.25 AF

1.0 AF	AESTHETIC	A) POND SIZE	0.56 AF
		B) EVAPORATION	0.21 AF
		C) SEEPAGE	0.25 AF
		TOTAL	1.0 AF
1.0 AF	RECREATION	A) POND SIZE	0.56 AF
		B) EVAPORATION	0.21 AF
		C) SEEPAGE	0.25 AF
		TOTAL	1.0 AF
1.0 AF	FIRE PROTECTION	A) POND SIZE	0.56 AF
		B) EVAPORATION	0.21 AF
		C) SEEPAGE	0.25 AF
		TOTAL	1.0 AF

State of Idaho
Department of Water Resources
Water Right License
96-9519

02W

57N



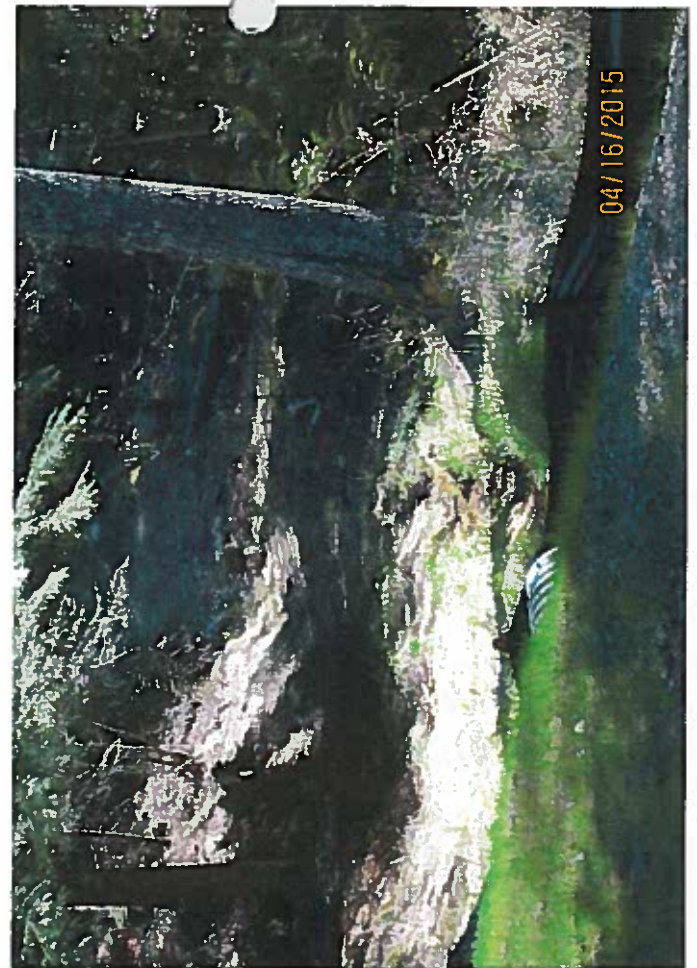
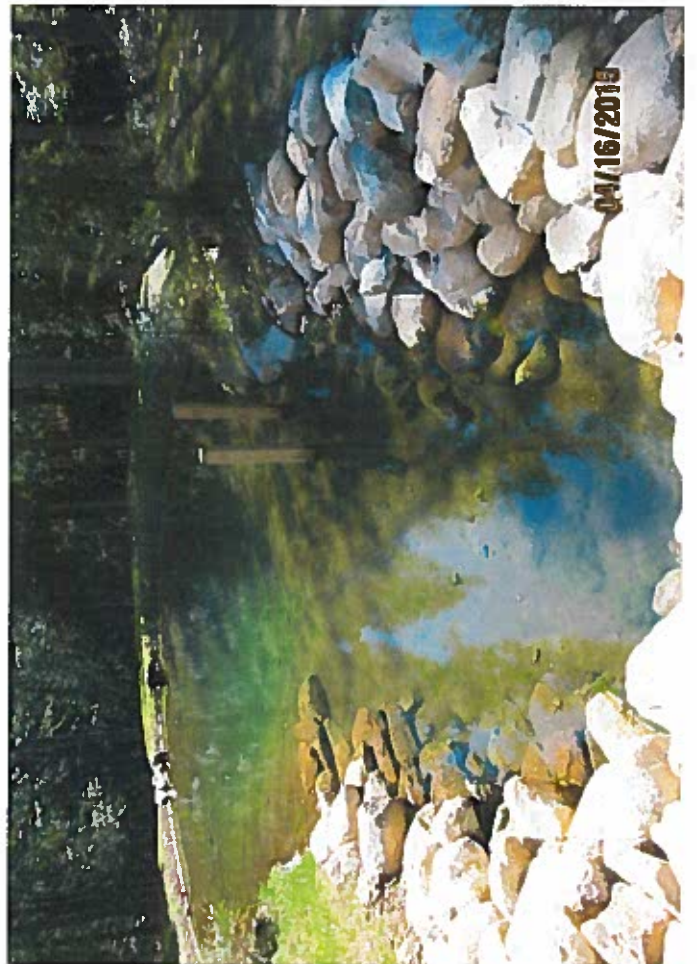
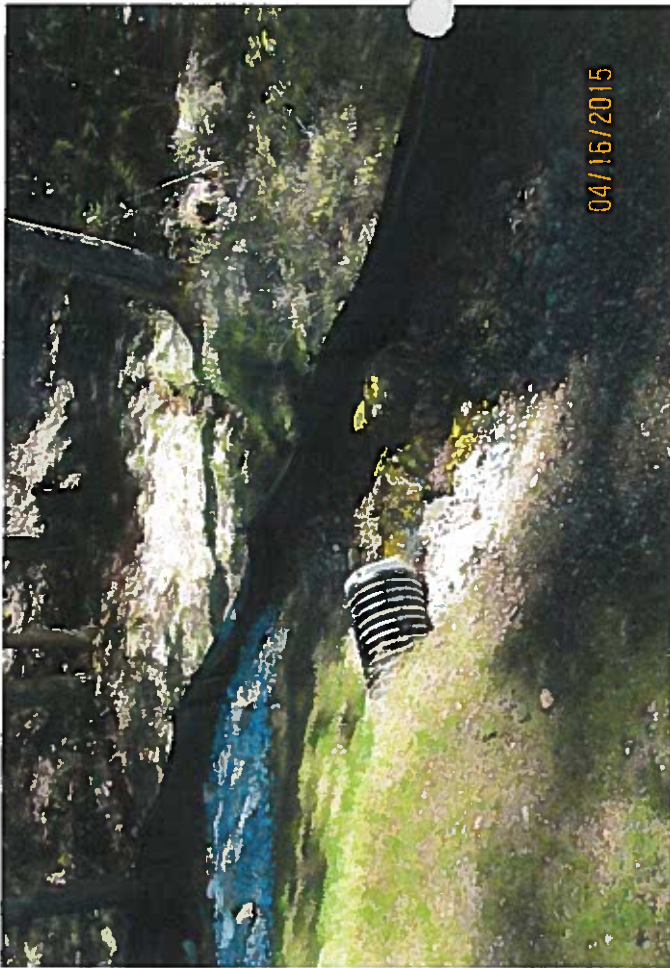
-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

0 0.015 0.03 0.06 Miles

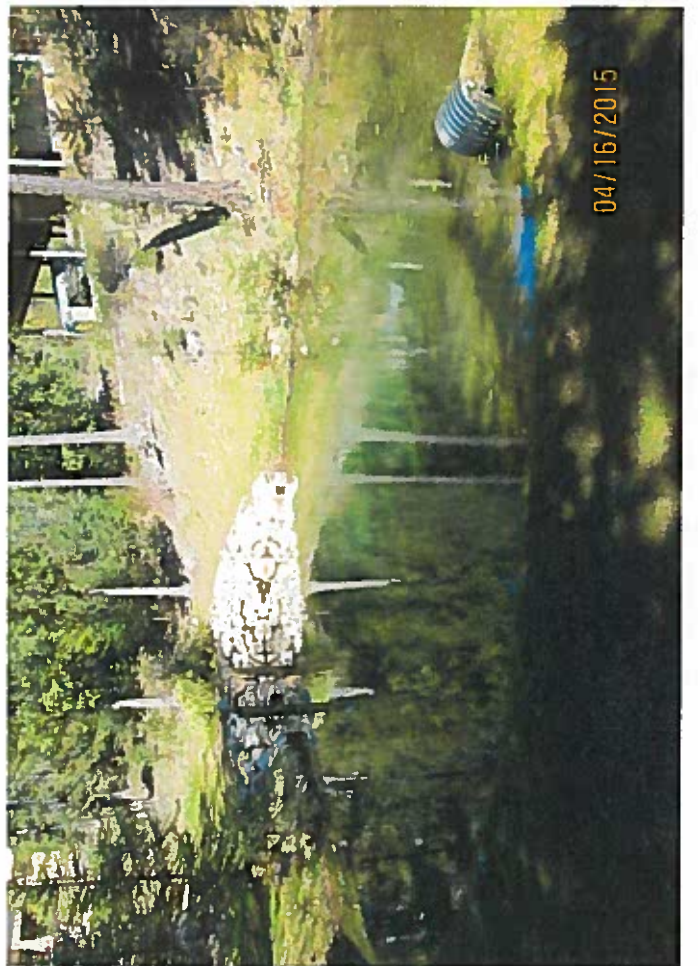




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