

[illegible]

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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D0054797	FRANKLIN	5			
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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☒ Additional Computation Sheets Attached

Measured Method: Theoretical used because there was no good measuring site. See attached for flow calculations.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

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

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

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

2. Volume Calculations for Other Uses: N/A

G. NARRATIVE/REMARKS/COMMENTS

FIRE PROTECTION SYSTEM FOR THE WORLEY FIRE PROTECTION DISTRICT. WELL WITH 5HP PUMP THAT GOES TO 10,000 GALLON TANK. USE IS AT 1 FIRE HYDRANT AND FIRE SUPPRESSION SYSTEM IN FIRE STATION. NO WELL LOG AVAILABLE DUE TO WELL DRILLER NOT FILLING ONE AND NOW OUT OF BUSINESS. TAG D0054797. THEORETICAL PUMPING EQUATION AT 89.9GPM OR 0.20CFS.

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>
FIRE PROTECTION	01/01 to 12/31	0.200 CFS	
<u>Totals:</u>		0.200 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 Aden Frederick Date 1-22-2015

Reviewer [Signature] Date 1-22-2015

THEORETICAL PUMPING EQUATION FOR WATER RIGHT 95-12432

PUMP EQUATIONS WATER RIGHT No. 95- 12432						
		HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q =	HP*8.8*Eff/H	5	175.9524	0.8	95	35
Q = 0.200 cfs 89.9 gpm						

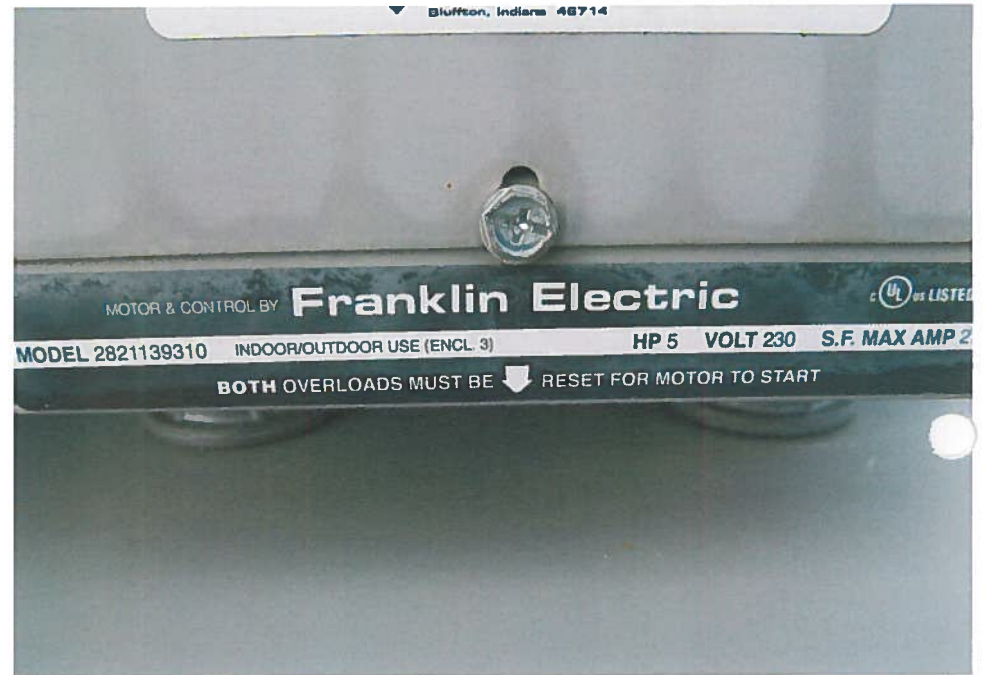
State of Idaho
Department of Water Resources
Water Right License
95-12432



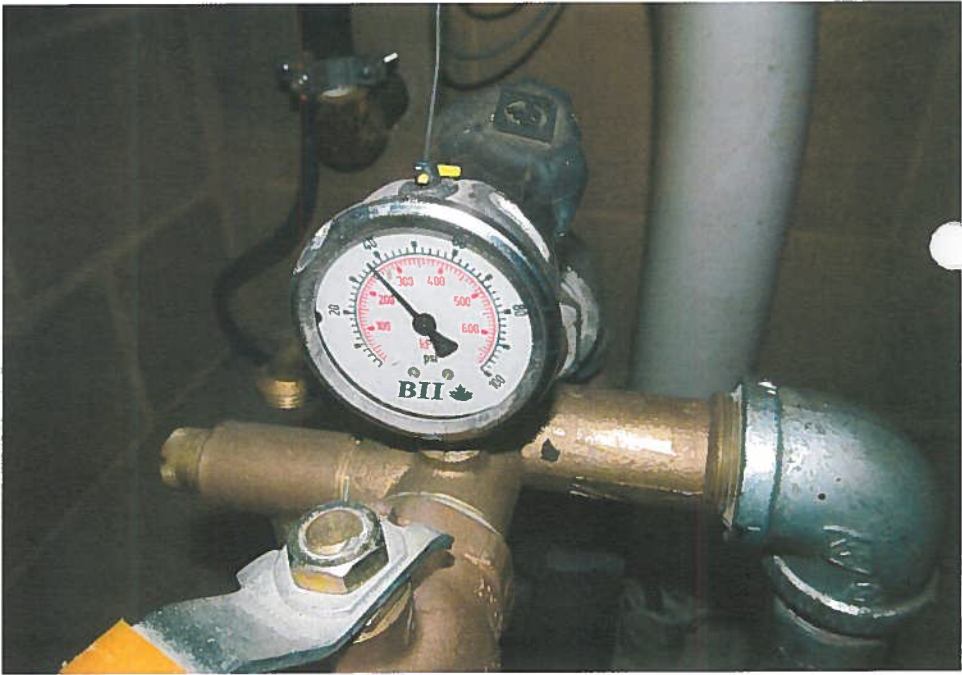
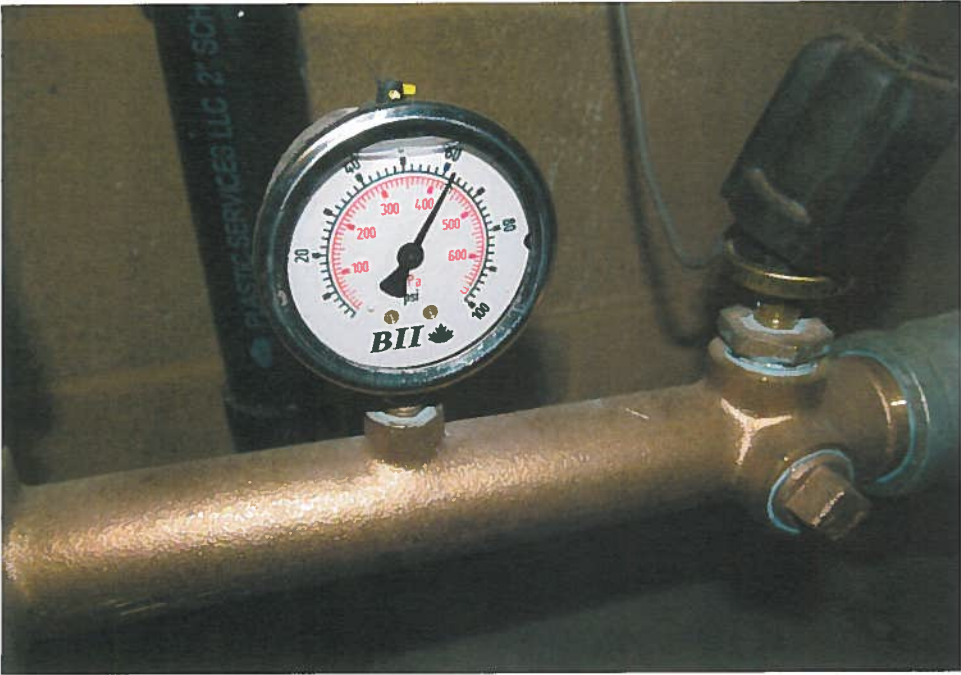
-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

0 0.0175 0.035 0.07 Miles





95-12431



95-12021



95-12021



95-12432