

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 84-12249

Exam Date: 05-09-2012

1. Current Owner: CITY OF WEIPPE
623 N MAIN ST
WEIPPE ID 83553
(208)435-4216
2. Accompanied by: Mike Edmonson
Phone No: Same
Address: Same
Relationship to Permit Holder: Operator

3. SOURCE**TRIBUTARY**

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 84-7002, 84-7038
2. Other water rights with the same point of diversion: 84-7002, 84-7038

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

GROUND WATER	SW1/4SE1/4	Sec. 15,	Twp 35N,	Rge 04E, B.M.
CLEARWATER County				
GROUND WATER	SW1/4SE1/4	Sec. 15,	Twp 35N,	Rge 04E, B.M.
CLEARWATER County				

Method of Determination: GPS AND MAP

2.

PLACE OF USE: MUNICIPAL

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>	
35N	04E	10															X	X	
35N	04E	14					X	X			X								
35N	04E	15	X	X	X	X			X	X	X				X	X	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>

*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>

PUMP EQUATIONS WATER RIGHT No.						WELL#1 (ED 005252) 96-8667 1977 well
		HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q =	HP*8.8*Eff/H	40	470.517	0.7	378	40
Q = 0.525 cfs 235.4 gpm						

PUMP EQUATIONS WATER RIGHT No.						WELL # 2 (ED 005253) 96-8667
		HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q =	HP*8.8*Eff/H	20	492.517	0.7	400	40
Q = 0.251 cfs 112.5 gpm						

0.776 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS: All points of diversions are connected.

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>
MUNICIPAL	01/01 to 12/31	0.770 CFS <i>0.18</i>	
	<u>Totals:</u>	0.770 CFS <i>0.18</i>	

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 *Eric J. [Signature]* Date 5-30-2012

Reviewer *Keith L. [Signature]* Date ~~5-30-2012~~ 2/6/2014

SMALL WELL # 20005253

STROM Elec. CONTRACTORS - 1-208-835-2331

- (1) NEW 20 HP Pump INSTALLED 12-15-2010
- (2) Pump SIT'S AT 400' OFF / ON 3' PIPE
- (3) STATIC LEVEL - UNKNOWN (200+)
- (4) USED 200' NEW 3' PIPE / 200' USED PIPE
- (5) NEW FOOT VALVES WERE INSTALLED
- (6) NEW WIRING WAS INSTALLED
- (7) NEW SOFT START WAS INSTALLED IN PUMP HOUSE
- (8) Pump RATED AT 135 GAL. PER MIN. APP.

Big Well # 2005252

STEIN Elec. CONTRACTORS 1-208-835-2331

- 1 New 40 HP pump INSTALLED 11-2010
- 2 Pump sits at 372'
- 3 Static water level 212' opp.
- 4 Used same pipe
- 5 New Foot valves INSTALLED
- 6 New wiring INSTALLED
- 7 New above ground soft start installed in pump house
- 8 Pump Rated at 275gall. per min.



Franklin Electric

SUBMERSIBLE MOTOR

6" SUBMERSIBLE MOTOR

WATER WELL SUBTROL

MODEL 2366178125 3-PHASE

50Hz metric	30 kW	380 V	64.1 A	2860 min ⁻¹	cos φ 0.87
		400 V	63.5 A	2875 min ⁻¹	cos φ 0.83
		415 V	64.6 A	2890 min ⁻¹	cos φ 0.79

60Hz metric	34 kW	460 V	61.6 A	3470 min ⁻¹	cos φ 0.86
	(30 kW SF 1.15)				

60Hz	40 HP	460 V	54.9 A	3450 RPM	61.6 MAX A
	SF 1.15 KVA Code J				

Thrust Load 27500N 6000LB

Max Ambient Temp 30°C Min Cooling Flow 16cm/s 0.5ft/sec
Ins Class F IP68
Continuous Duty

MADE IN USA

HP 40
KW 30

V 460/380

PH 3 HZ 60/50



DATE CODE 10J19



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2160006A

QTY 1



236 6178 125



S/N 10J19-21-60006A



WATER QUALITY
DRINKING WATER SYSTEM
COMPONENT
ANSI/NFPA 91-GR21
30°C MAX. AMBIENT



Franklin Electric

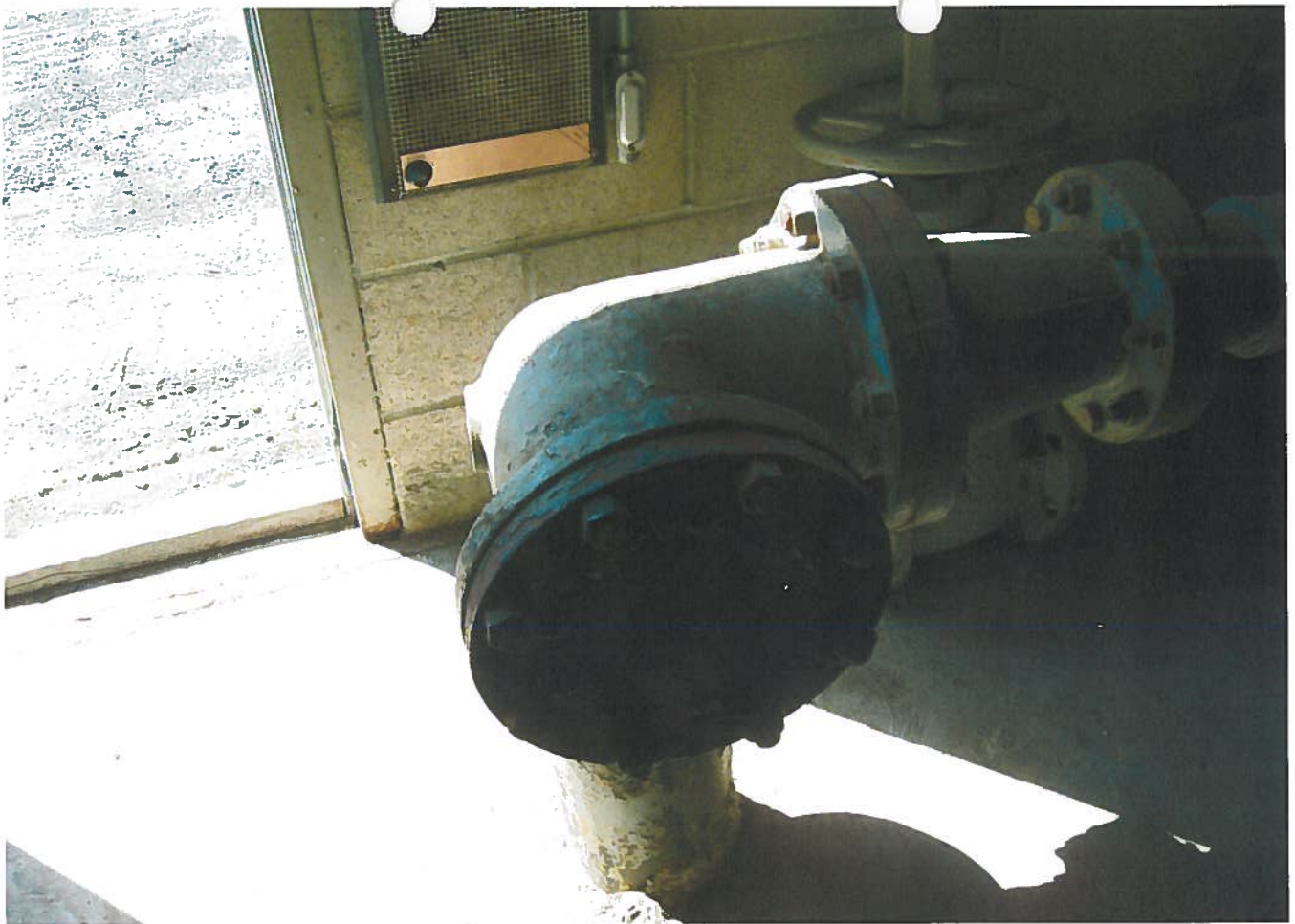
www.franklin-electric.com

Made in USA



84-12249





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