

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 86-7365

Exam Date: **9-10-07**

1. Current Owner: CITY OF KENDRICK
PO BOX 195
KENDRICK ID 83537
(208)289-5157
2. Accompanied by: Steve Haverton
Phone No: Same
Address: Same
Relationship to Permit Holder: Water Agent

3. SOURCETRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: **86-4234, 86-4232, 86-4235, 86-11912, 86-7204**
2. Other water rights with the same point of diversion: **86-4232, 86-4235, 86-11912, 86-7204**

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:**GROUND WATER NE1/4NW1/4 Sec. 25, Twp 38N, Rge 03W, B.M. LATAH County****Method of Determination: GPS N 46 36.782 W 116 39.540**

2.

PLACE OF USE: MUNICIPAL

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
38N 02W 19							X L 2			X L 3	X L 4						
38N 02W 30						X L 1											
38N 03W 24				X						X	X	X	X		X	X	
38N 03W 25	X	X			X	X	X		X								
38N 03W 26				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>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
D0003606		10hp		Franklin	

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

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
_____	_____	____	_____	_____	_____	_____

2. Measurements:

E. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method:

PUMP EQUATIONS WATER RIGHT No.						WELL# (D0003606)
						86-7365
		HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q =	HP*8.8*Eff/H	10	194.6463	0.75	79	50
Q = 0.340 cfs		152.4 gpm				

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:

NO Volume: Municipal

G. NARRATIVE/REMARKS/COMMENTS: The place of use is the City limits of Kendrick. Water Decreed rights 86-4232; 86-4235, 86-11912, 86-7204 are overlapping the place of use are.

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	1/01 to 12/31	0.310 CFS	NONE
<u>Totals:</u>		0.310 CFS	

2. Recommended Amendments

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

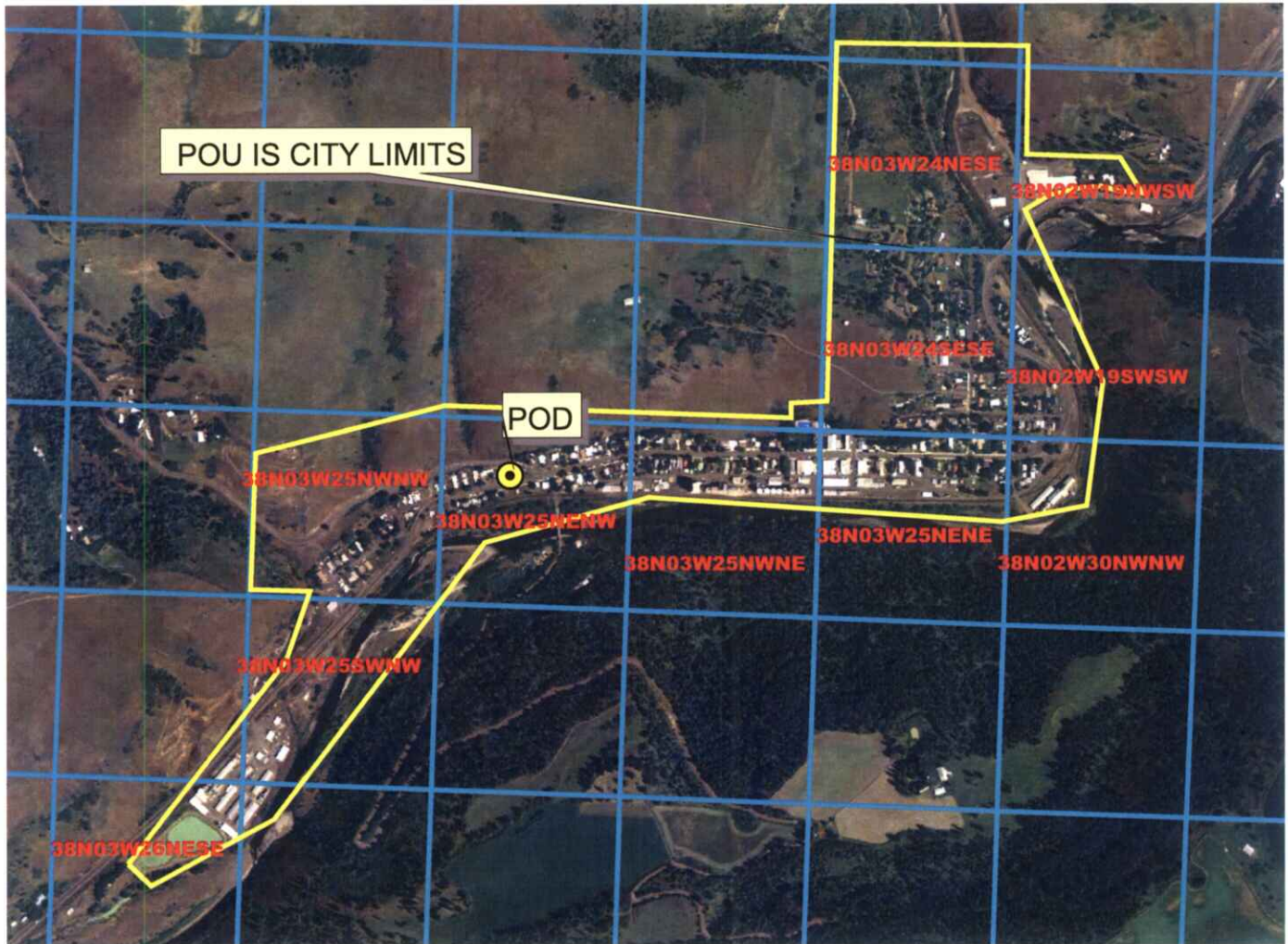
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name *Eric J. Davis* Date *2-1-2008*

Reviewer *[Signature]* Date *2/4/8*

86-7365

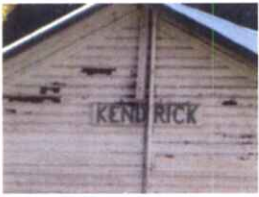


0.4 0 0.4 0.8 Miles



Place of use.shp

QQ



Place of use.JPG



place of use 1.JPG



Storage.JPG



Pump INFO.JPG



Well #4 D0003606.JPG

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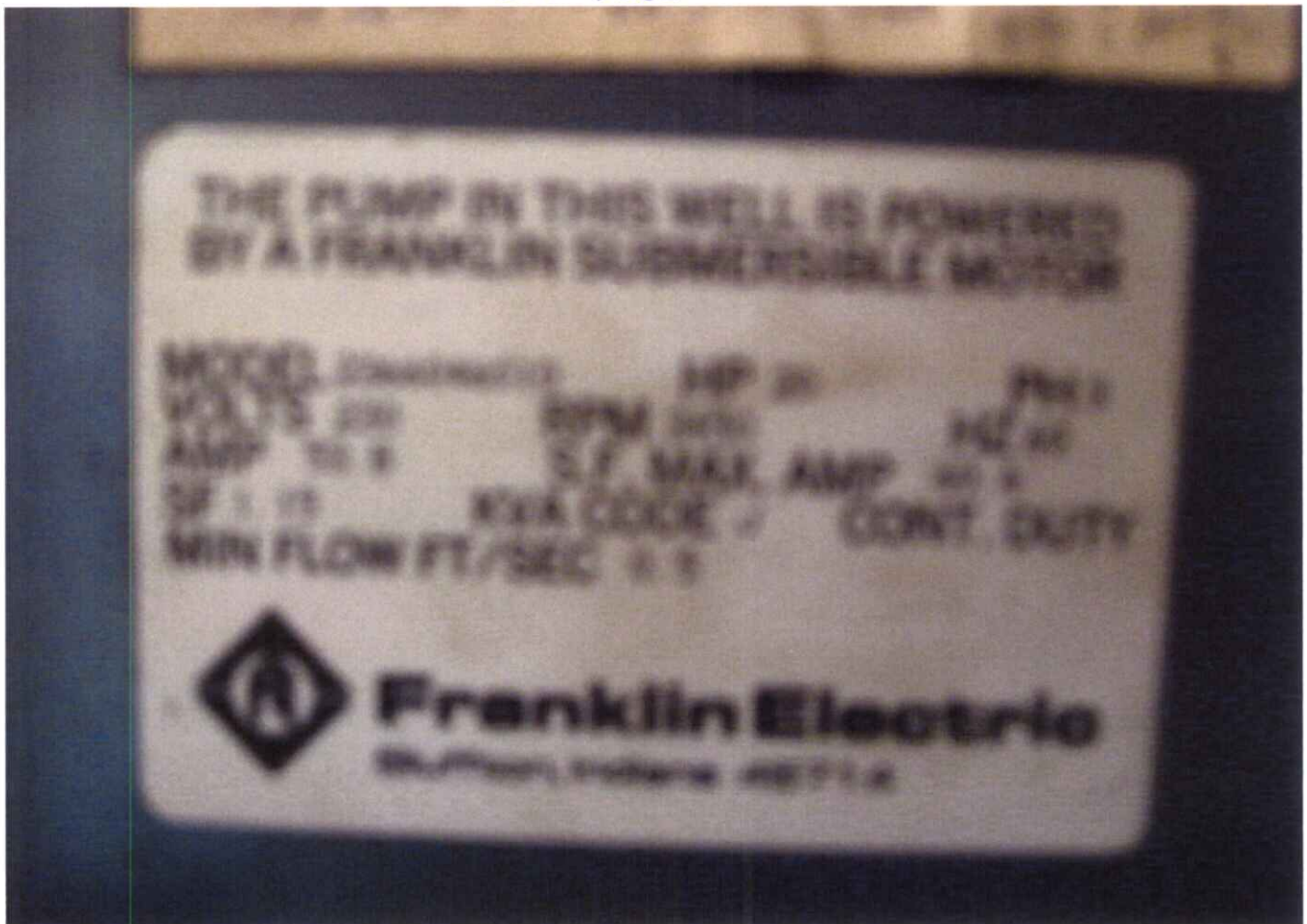


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