

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 96-9060

Exam Date: 8/5/2008

1. Current Owner: VILLELLI ENTERPRISES ET AL
533739 HIGHWAY 95
BONNERS FERRY ID 83805
(208)287-7625
2. Accompanied by: BOB HANSEN
Phone No: 208-265-4270
Address: 67 WILD HORSE TRAIL, SANDPOINT, ID 83864
Relationship to Permit Holder: WATER MANAGER

3. **SOURCE****TRIBUTARY**

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 96-9318
2. Other water rights with the same point of diversion: NONE

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER L2 SW¼NW¼ Sec. 31, Twp 58N, Rge 01E, B.M. BONNER County

Method of Determination: GPS

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	
57N 01E 6					X L 6	X L 5	X L 9	X	X L 10	X L 11	X						
57N 01W 2	X L 1	X L 2	X	X L 9	X L 3	X L 5		X					X L 10				
58N 01E 31						X L 1	X L 2	X	X L 3	X L 4	X						
58N 01W 36			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>
000157A1	U/K	40	U/K	U/K	U/K

*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>

2. Measurements:

E. FLOW CALCULATIONS☐ Additional Computation Sheets Attached

Measured Method:

PUMP EQUATIONS WATER RIGHT No. 96-9060					
	HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q = HP*8.8*Eff/H	40	245.6462585	0.7	130	50
Q =	1.005 cfs	450.9 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:

N/A

G. NARRATIVE/REMARKS/COMMENTS PWS # 1090195

THIS SYSTEM USES GROUNDWATER FOR MUNICIPAL USE. THE WELL TAG IS #D0013791 AND THE WELL HAS A 40 HP PUMP. THE WELL PUMPS INTO 3 STORAGE TANKS. THERE ARE 2 TANKS ON THE NORTH SIDE OF THE HIGHWAY ONE IS 50,000 GALLONS AND THE OTHER IS 12,000 GALLONS. THERE IS 1 TANK ON THE SOUTH SIDE OF THE HIGHWAY THAT HOLDS 125,000 GALLONS. THE SYSTEM IS DESIGNED FOR OVER 200 HOMES. MOST OF THE SYSTEM IS GRAVITY FEED FROM THE STORAGE TANKS BUT THERE IS SOME AREAS THAT HAVE BOOSTER PUMPS FOR SYSTEM PRESSURE.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

BENEFICIAL USE	PERIOD OF USE	DIVERSION RATE
MUNICIPAL	01/01 to 12/31	0.350 CFS
<u>Totals:</u>		0.350 CFS

2. Recommended Amendments

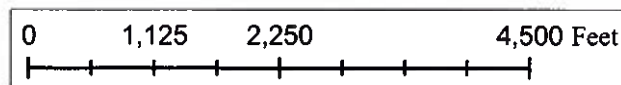
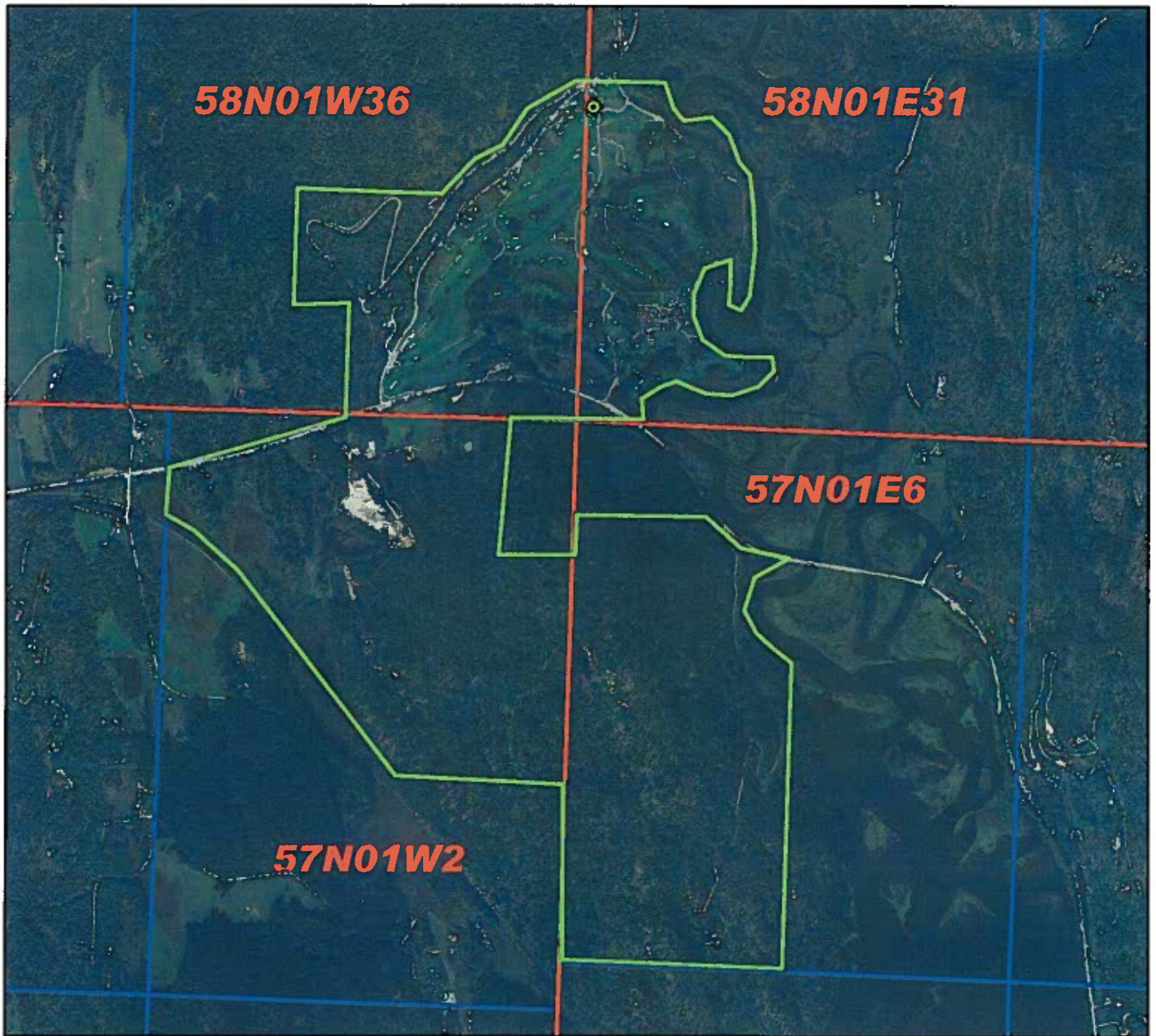
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

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

I. AUTHENTICATION

Field Examiner's Name [Signature] Date 11-26-08
 Reviewer [Signature] Date 12/1/8

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PLACE OF USE 1.JPG



PLACE OF USE 2.JPG



POINT OF DIVERSION.JPG



PUMP INFORMATION.JPG

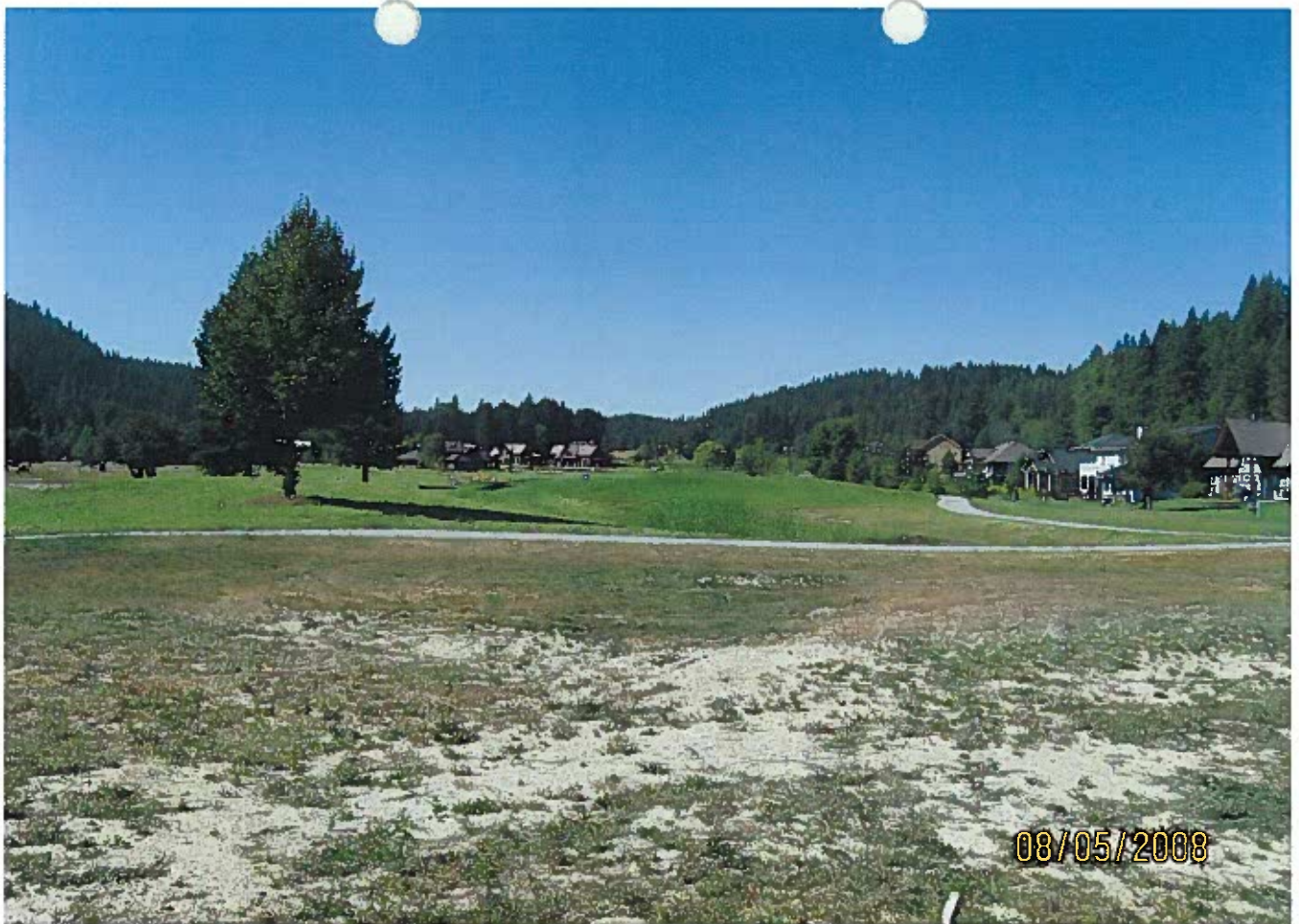


SYSTEM.JPG



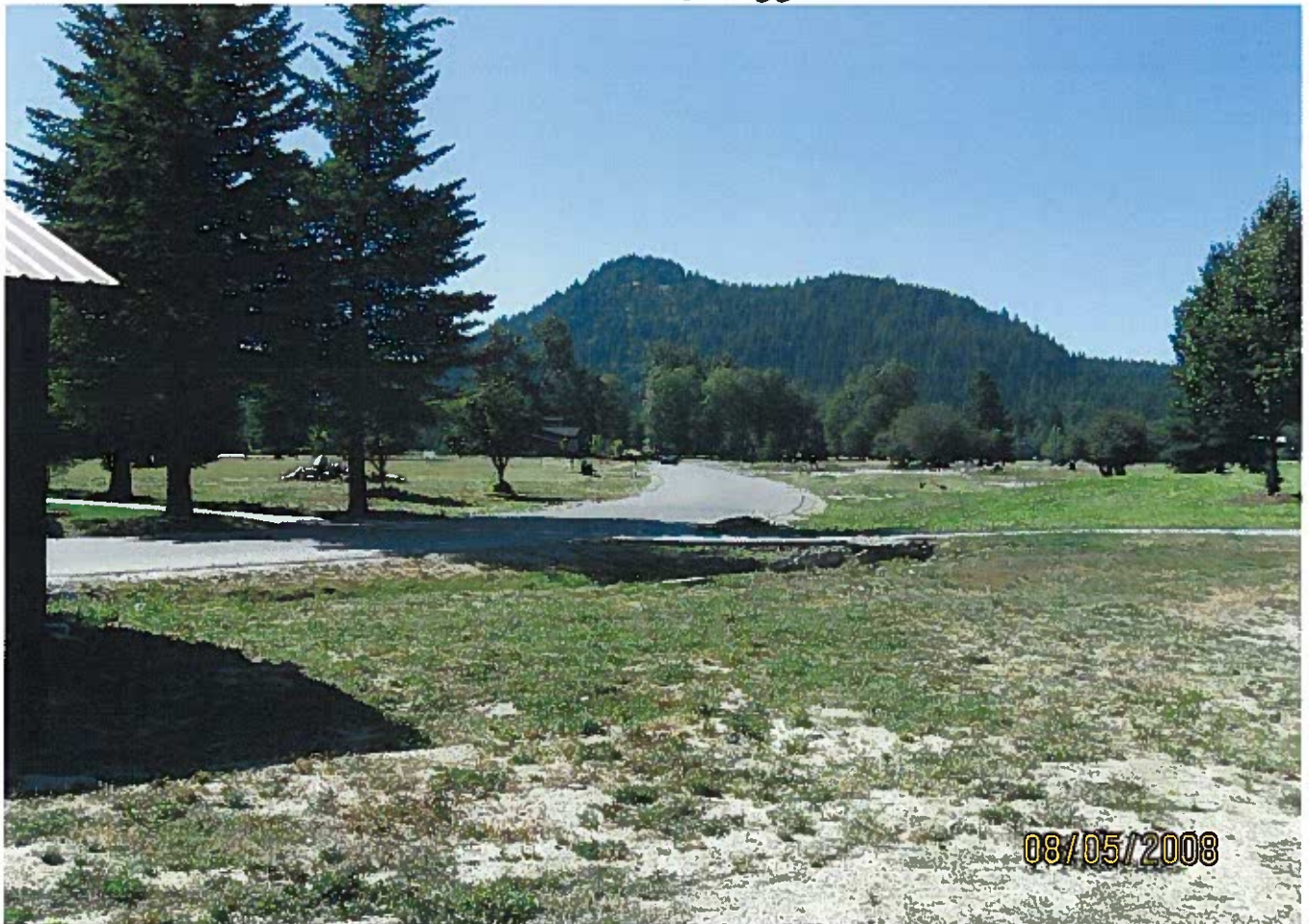
WELL TAG.JPG

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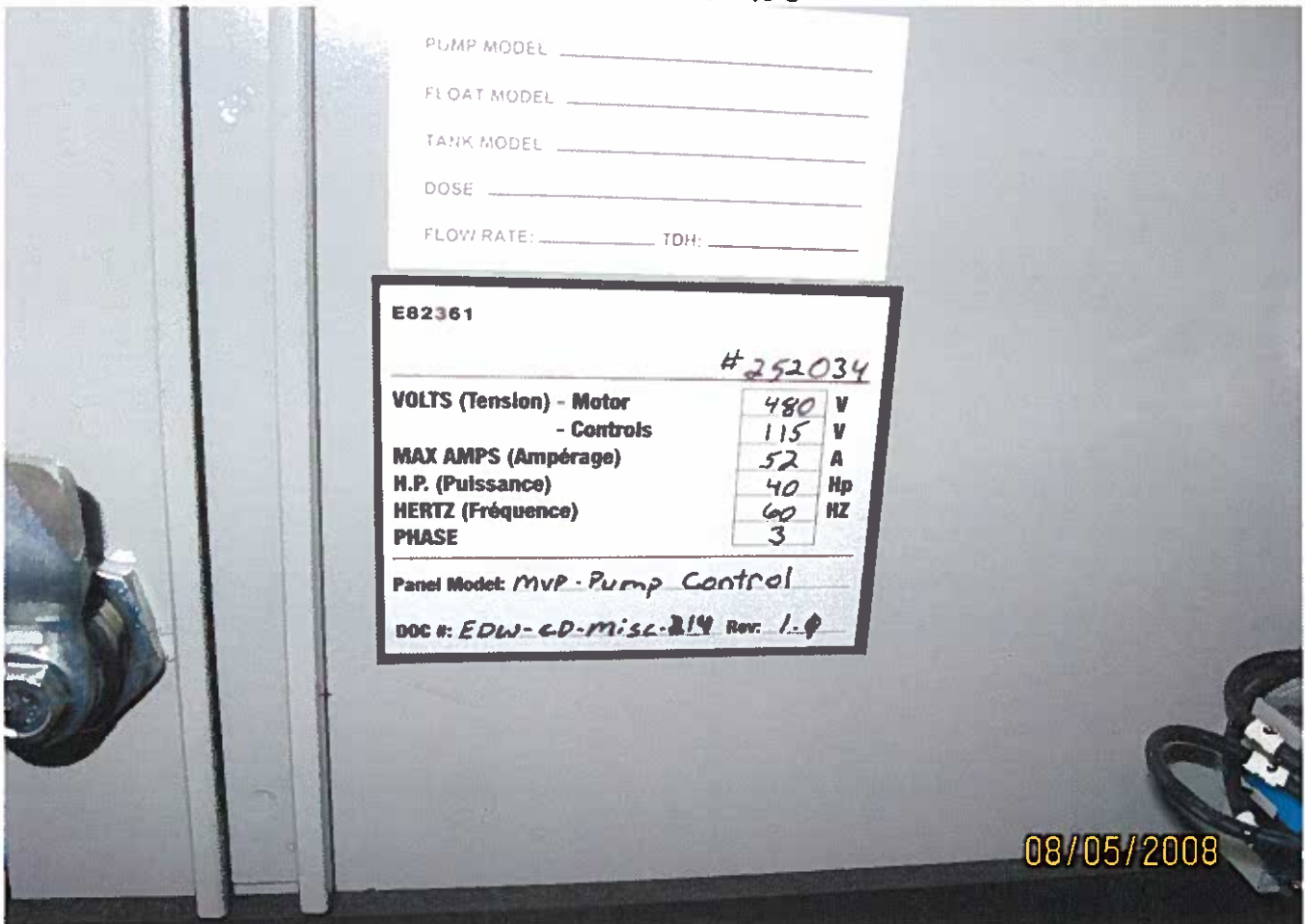
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