

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 96-8975
Exam Date: 5/21/2008

1. Current Owner: L MARIE BEAUX
6887 DUFORT RD
SAGLE ID 83860
(208)263-0664

And

WILEY F BEAUX
6887 DUFORT RD
SAGLE ID 83860
(208)263-0664

2. Accompanied by: **Owner**

Phone No: **Same**

Address: **Same**

Relationship to Permit Holder:

3. **SOURCE**

PEND OREILLE RIVER

TRIBUTARY

COLUMBIA RIVER

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:**

PEND OREILLE RIVER L5 SE1/4SW1/4 Sec. 29, Twp 56N, Rge 03W, B.M. BONNER County

Method of Determination: **Map and GPS W116° 43'48.3 N 48° 09'56.9**

2.

PLACE OF USE: IRRIGATION STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
56N 03W 29												X					L 5

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
56N 03W 29	<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>	
									3.5	.5	.5	7.5					12.0
									L 5		L 4						
56N 03W 32		2.0			1.0												3.0

Total Acres: 15

PLACE OF USE: RECREATION STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
56N 03W 29	<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>	
									X	X	X						
									L 5		L 4						

PLACE OF USE: WILDLIFE STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
56N 03W 29	<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>	
									X	X	X						
									L 5		L 4						

PLACE OF USE: IRRIGATION FROM STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
56N 03W 29	<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>	
									3.5	.5	.5	7.5					12.0
									L 4		L 4						
56N 03W 32		2.0			1.0												3.0

Total Acres: 15

PLACE OF USE: FIRE PROTECTION STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
56N 03W 29	<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>	
									X	X	X						
									L 5		L 4						

FIRE PROTECTION same as FIRE PROTECTIONSTORAGEDIVERSION TO STORAGE same as FIRE PROTECTIONSTORAGE

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
56N 03W 29	<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>	
												3.5		.5	8.0		12.0
												L 5		L 4			
56N 03W 32		2.0			1.0												3.0

Total Acres: 15

PLACE OF USE: RECREATION STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
56N 03W 29	<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>	
												X		X	X		
												L 5		L 4			

PLACE OF USE: WILDLIFE STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
56N 03W 29	<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>	
												X		X	X		
												L 5		L 4			

PLACE OF USE: IRRIGATION FROM STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
56N 03W 29	<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>	
												3.5		.5	8.0		12.0
												L 4		L 4			
56N 03W 32		2.0			1.0												3.0

Total Acres: 15

PLACE OF USE: FIRE PROTECTION STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
56N 03W 29	<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>	
												X		X	X		
												L 5		L 4			

FIRE PROTECTION same as FIRE PROTECTION
STORAGE
DIVERSION TO STORAGE same as FIRE PROTECTION
STORAGE

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>
AC Smith = ~~Spurlets~~	3	C56P24113	Goulds	w/p	
AC Smith ~~Spurlets~~	1	CYBA55A04	Goulds	8 DOY	

*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. 96-8975						
		HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q =	HP*8.8*Eff/H	3	102.5170068	0.8	10	40
Q =	0.206 cfs 92.6 gpm					

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 15 \text{ ac} \times 3 = 45 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.20 \text{ cfs} \times 246 \times 1.9835 = 97.5 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 45 \text{ AF}$$

2. Volume Calculations for Other Uses:

$$\text{Pound \#1} = \frac{228 \times 69 \times 4}{43560} = 1.44 \text{ AF}$$

$$\text{Pound \#2} = \frac{162 \times 60 \times 4}{43560} = 0.9 \text{ AF}$$

$$\text{Pound \#3} = \frac{156 \times 90 \times 4}{43560} = 1.15 \text{ AF}$$

EVAPORATION of SURFACE AREA FROM ALL 3 POUNDS is 8.21 AF Per YEAR
 EVAP. RATE X SURFACE AREA = POUND EVAP.
 TOTAL VOLUME of POUNDS TOTALS 11.7 AF

G. NARRATIVE/REMARKS/COMMENTS: This water right has three ponds on the location. Pounds 2 & 3 are for storage (Wildlife, Recreation, and Fire Protection). At the time of the exam all three ponds stored water. Pounds 2 & 3 are supplied with defused water and is a storage component only on this water right. Recommend amendment to change the place of use for irrigation.

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>
IRRIGATION STORAGE	01/01 to 12/31		4.00 AF
IRRIGATION	03/15 to 11/15	0.200 CFS	45.00 AF
FIRE PROTECTION	01/01 to 12/31	0.200 CFS	
RECREATION STORAGE	01/01 to 12/31		4.00 AF
WILDLIFE STORAGE	01/01 to 12/31		4.00 AF
DIVERSION TO STORAGE	01/01 to 12/31	0.200 CFS	
IRRIGATION FROM STORAGE	01/01 to 12/31		4.00 AF
FIRE PROTECTION STORAGE	01/01 to 12/31		4.00 AF
Totals:		0.200 CFS	49.00 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

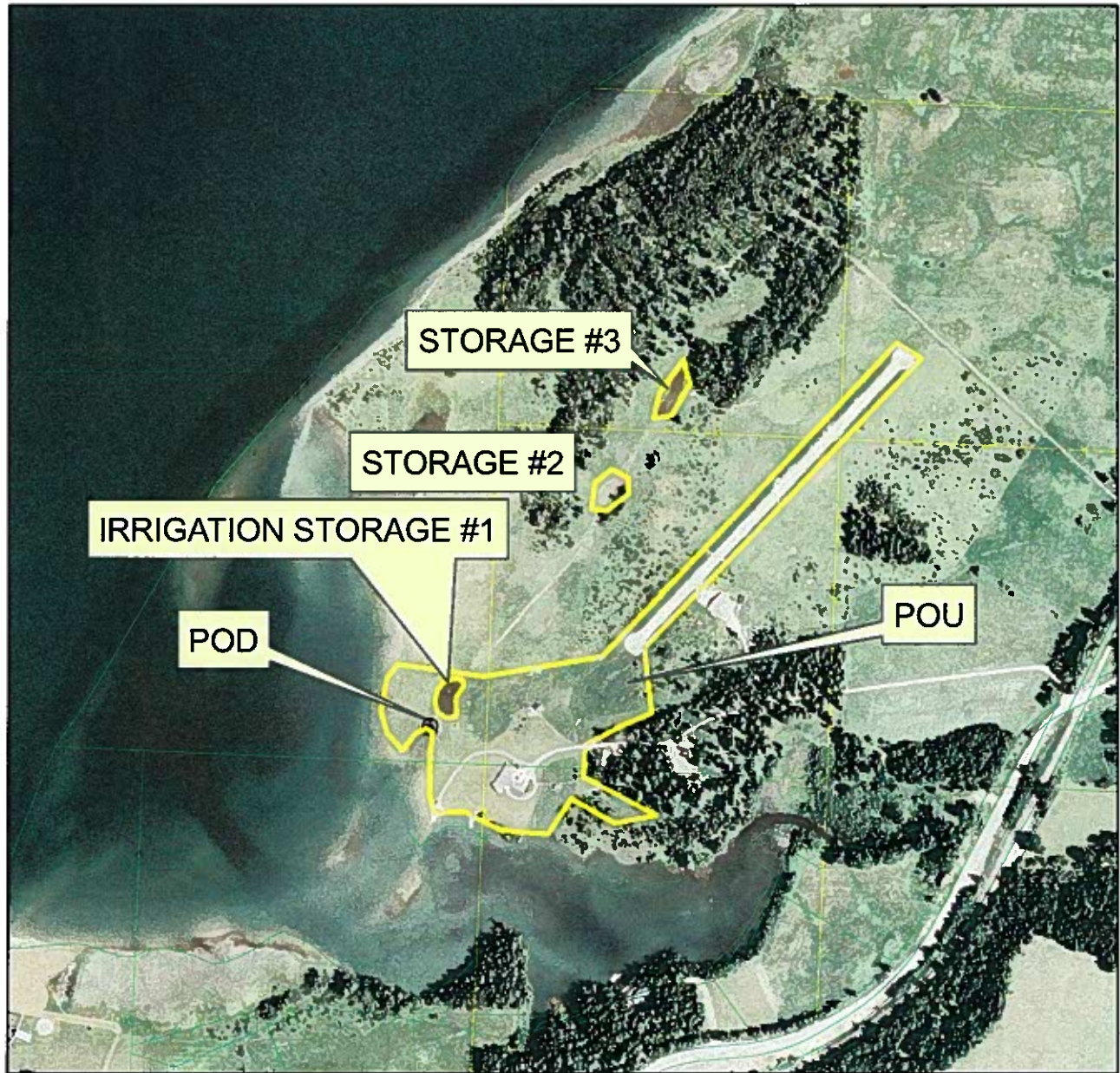
Field Examiner's Name Eric J. Russo

Date 6-23-2008

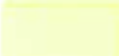
Reviewer [Signature]

Date 7/18/8

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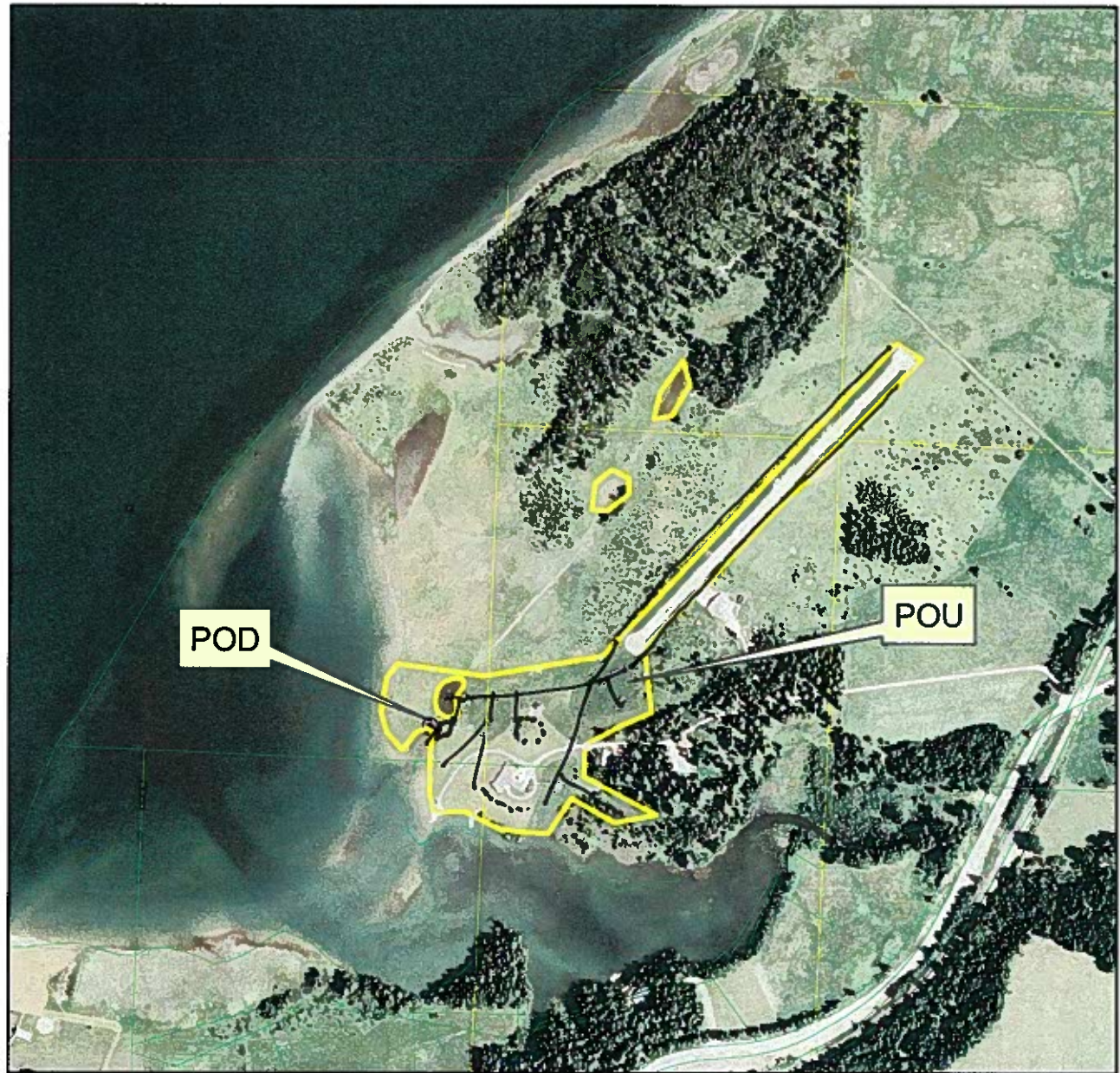
Legend

-  place of use
-  Right POD
-  QQ

0 210 420 840 1,260 1,680 Feet



SYSTEM DIAGRAM



96-8975

Legend

-  place of use
-  Right POD
-  QQ

0 215 430 860 1,290 1,720 Feet





STORAGE POND.JPG



1hp Pump.JPG



RUN WAY.JPG



IMG_0092.JPG



IMG_0093.JPG



IMG_0098.JPG



IMG_0105.JPG



IRR.JPG



IRRIGATION.JPG



Motor.JPG



OVER FLOW .JPG



OVER FLOW.JPG



PIPE SYSTEM.JPG



POD.JPG



POU.JPG

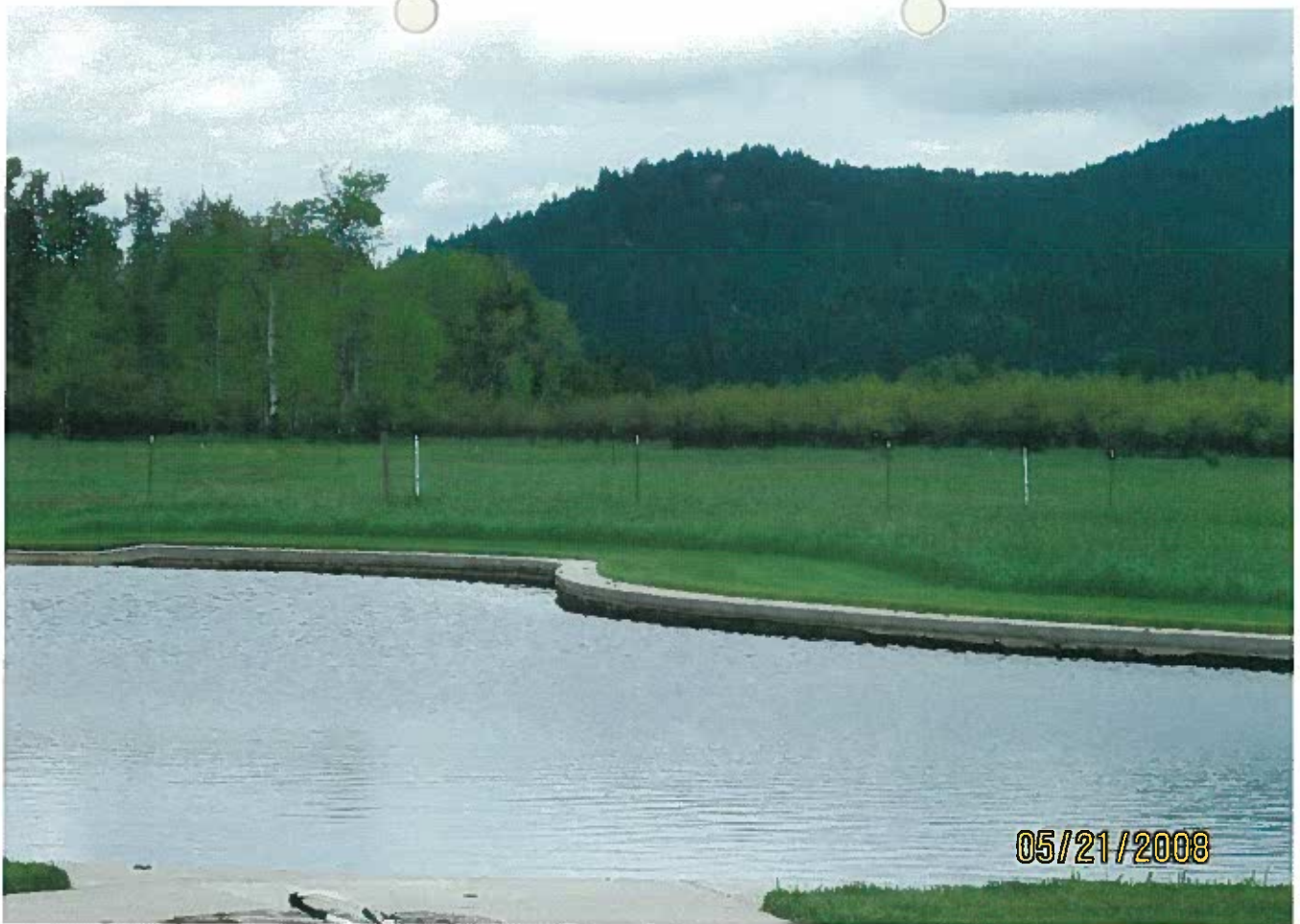


Pump Tag.JPG



STORAGE HOME
POND.JPG

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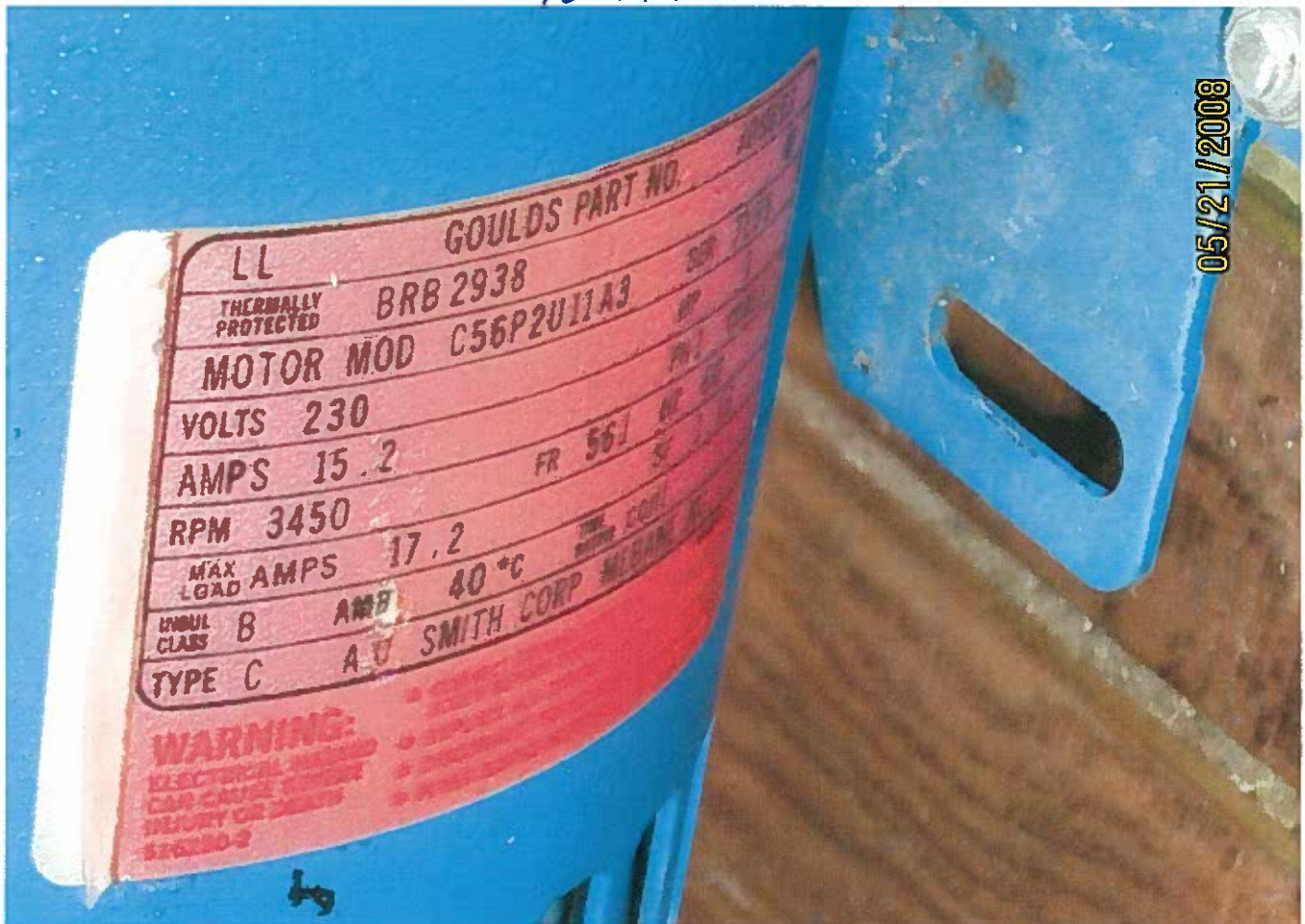
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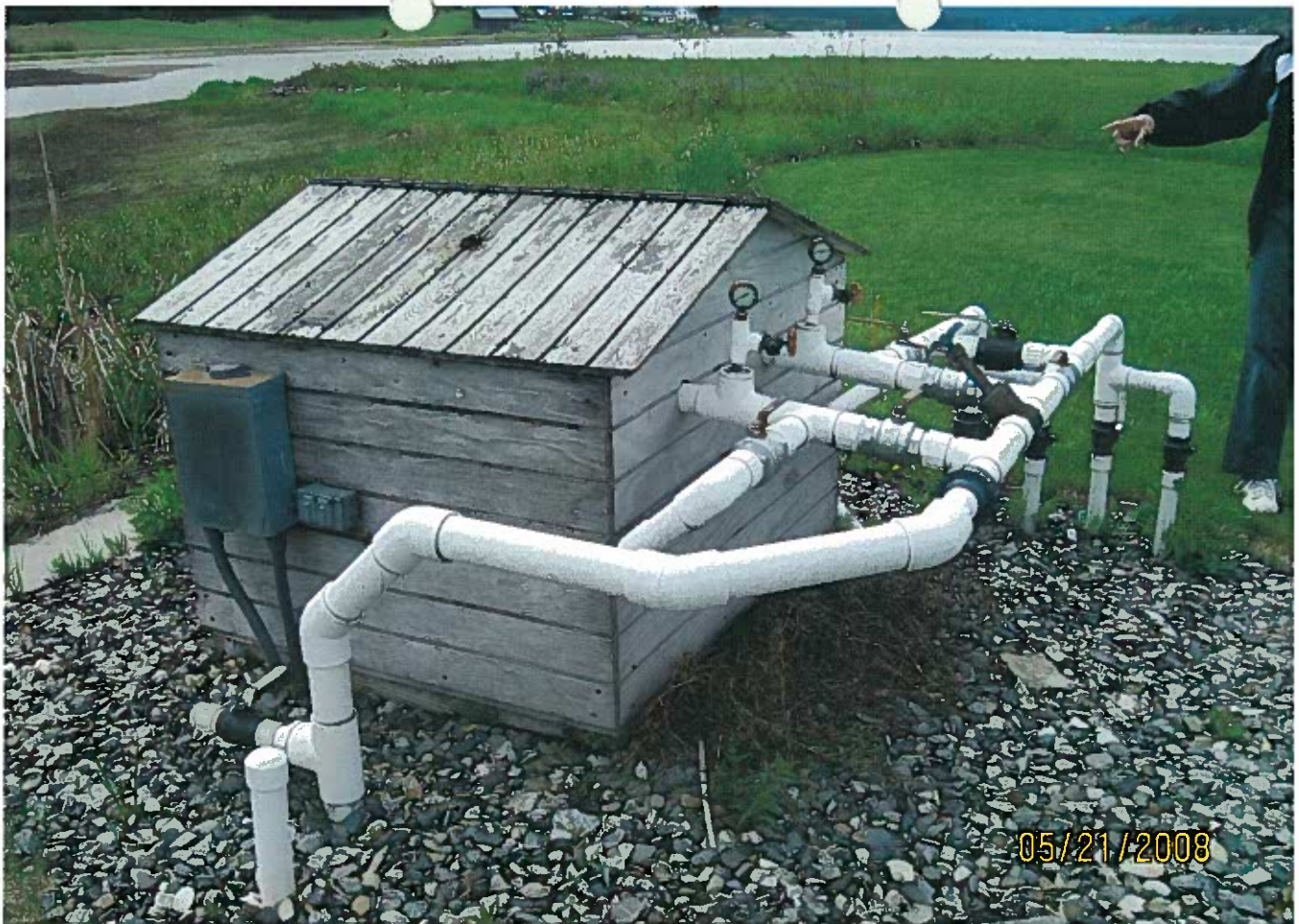


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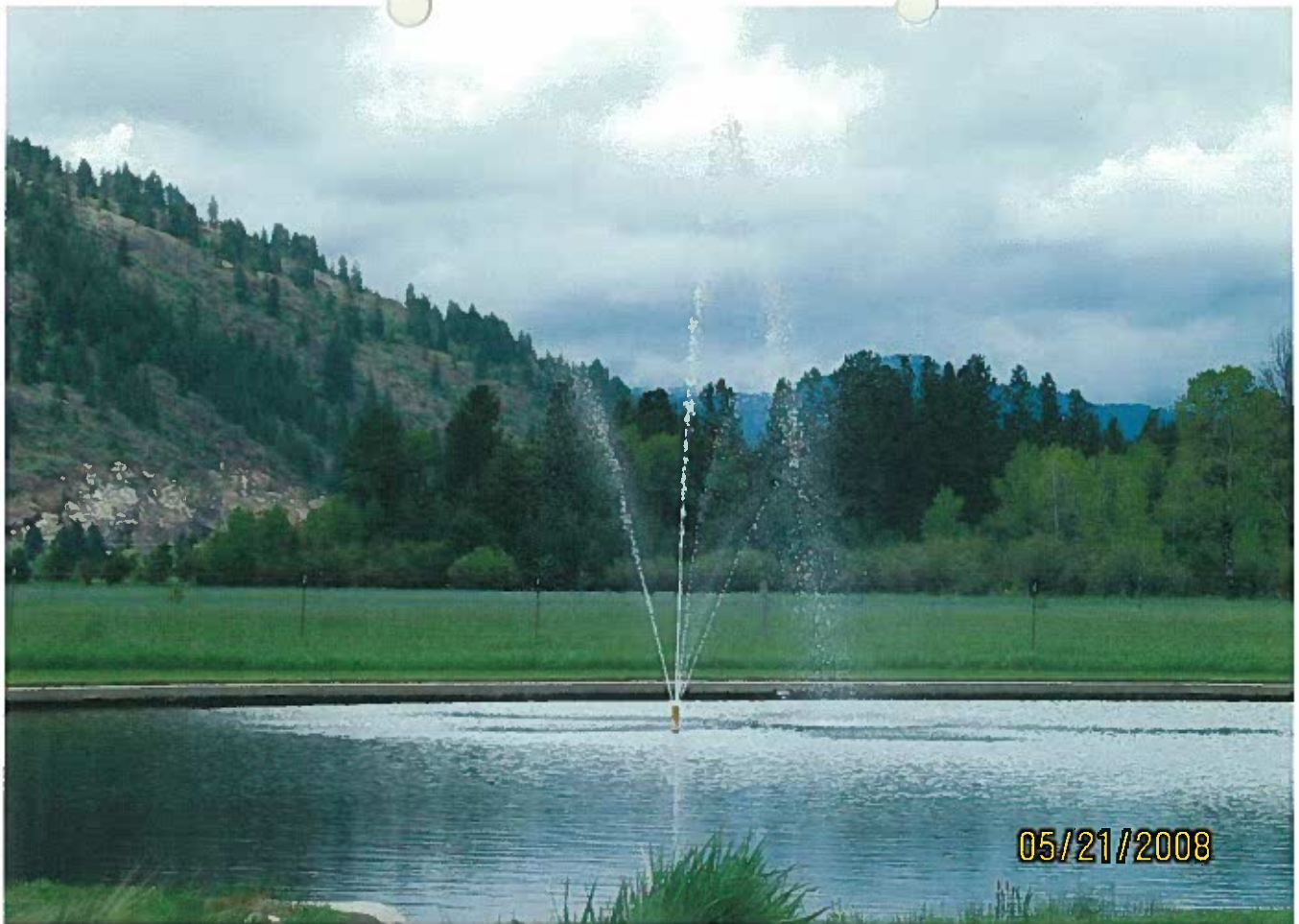


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