

[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>
<u> </u>	<u> </u>	<u>1hp</u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
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<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </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>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

2. Measurements:

$$\frac{5 \text{ gal}}{17 \text{ sec}} \times \frac{60 \text{ sec}}{1} = \frac{5 \times 60}{17} = 17.64 \text{ gpm} = 0.04 \text{ cfs}$$

E. FLOW CALCULATIONS

 Additional Computation Sheets Attached

Measured Method:

1 hp pump with 40 psi with the flow of 18gpm or 0.04cfs. The measurement was with a bucket.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.6 \text{ AF for home in Barn.}$$

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

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

2. Volume Calculations for Other Uses:

$$2 \text{ homes } 0.6 \text{ AF per home} = 1.2 \text{ AF}$$

$$\begin{array}{r} 0.6 \text{ AF } \text{KAC Irr} \\ \hline 1.8 \text{ AF} \end{array}$$

$$\text{Stock water} = 25 \text{ mix} = 0.4 \text{ AF}$$

G. NARRATIVE/REMARKS/COMMENTS Domestic use is one Float home and one home in the top of the barn. 25 mix livestock for the stock water use. Annual volume is 0.6AF per home and 0.6AF for irrigation for the home in the barn. The total volume for domestic is 1.8AF. The stock water annual volume is 0.4AF for 25 mix livestock.

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>
DOMESTIC	01/01 to 12/31	0.040 CFS	1.8 AF
STOCKWATER	01/01 to 12/31	0.020 CFS	0.4 AF
<u>Totals:</u>		0.040 CFS	2.2 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. [Signature]

Date

4-10-2008

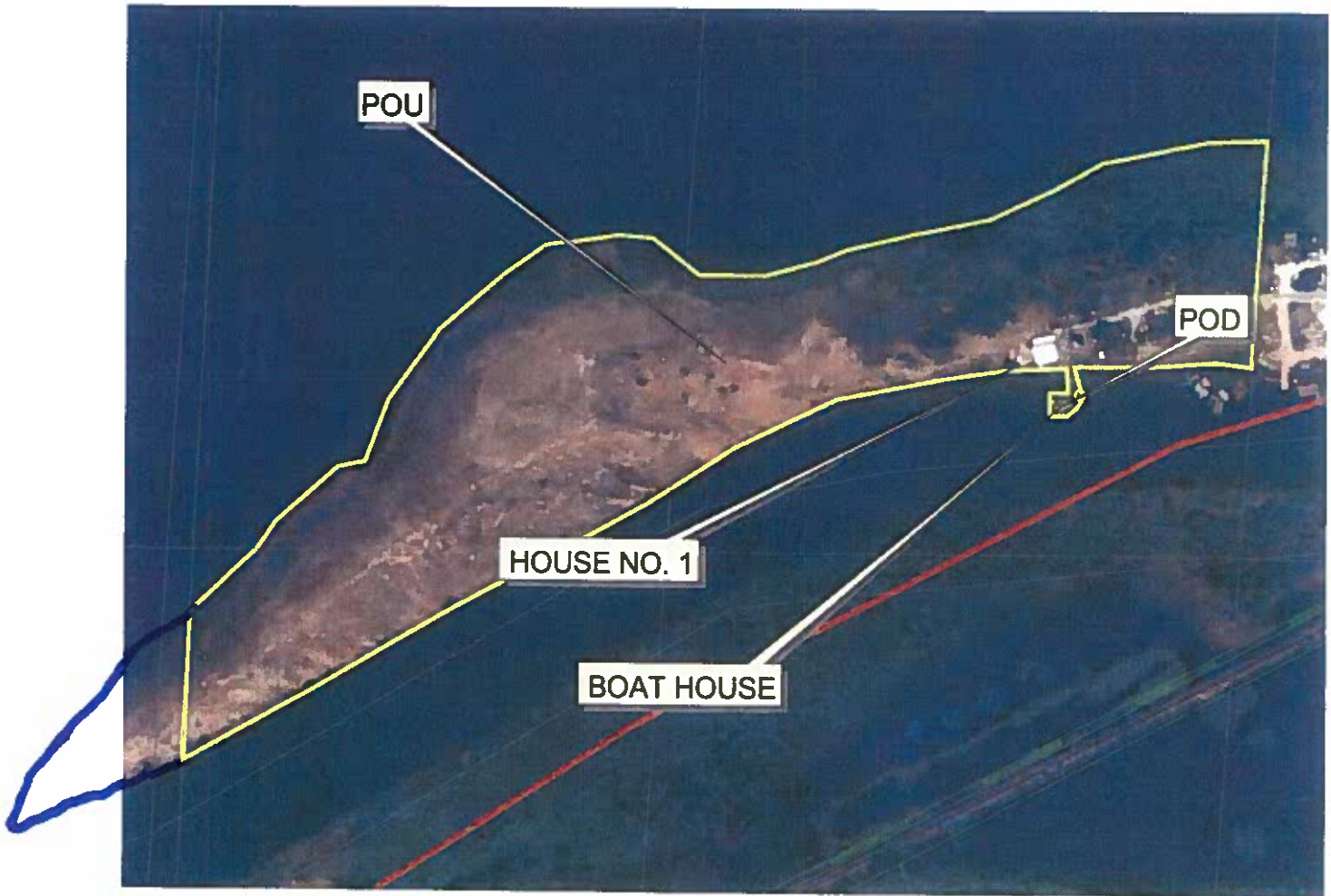
Reviewer

[Signature]

Date

4/15/8

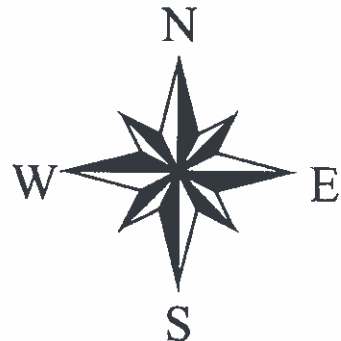
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0.1 0 0.1 0.2 Miles

(hp 1)
LOT 48 LOT 3 T48N R4W S31

- Kootenai taxlots
- GCDB48N04W GCDB
- GCDB48N03W GCDB
- GCDB47N04W GCDB
- GCDB47N03W GCDB
- Foster.shp
- Pou.shp
- Pod.shp
- Administrative BasinsAdminbas.shp



30	31	32	33	34	35	36	37	38	39	40
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KOOTENAI COUNTY
IDAHO

'E REVISIONS

ACTIVITY	DATE
INITIAL CONVERSION	05-05-88
COMPLETE CONVERSION	10-18-88
OS CONVERSION	01-28-05

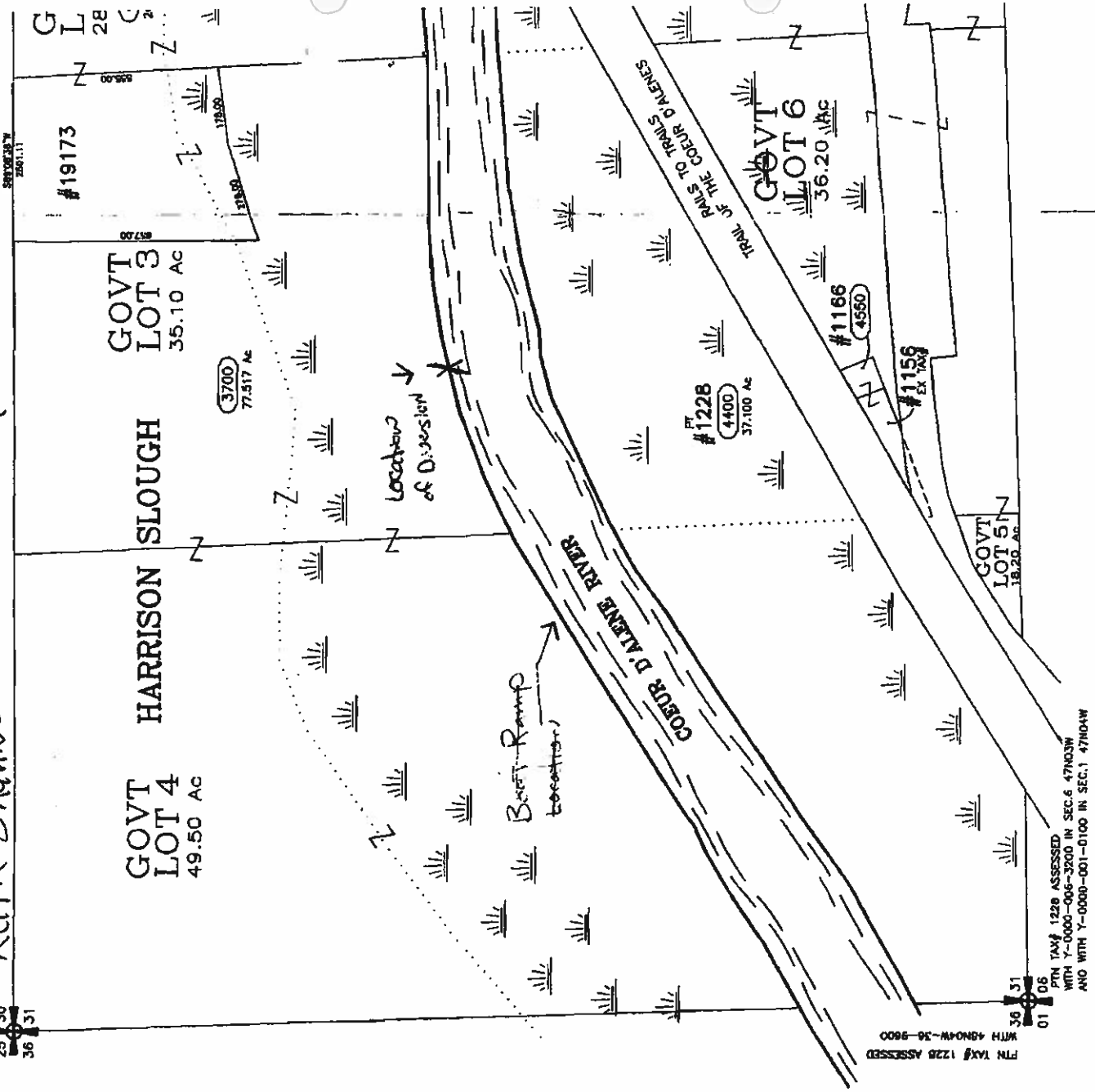
US20
483931.DWG
00-00-00

lots with given bearings and distances were reverse closure. All other parcels were calculated to agree means possible with the given information by width, triangulation, planimeter, scaling and coordinate geometry. Acreages shown are for the lots only. There are no acreages shown for the road and the acreages are open to the public. Dimensions in parentheses are for the end/or plotted lot line dimensions.

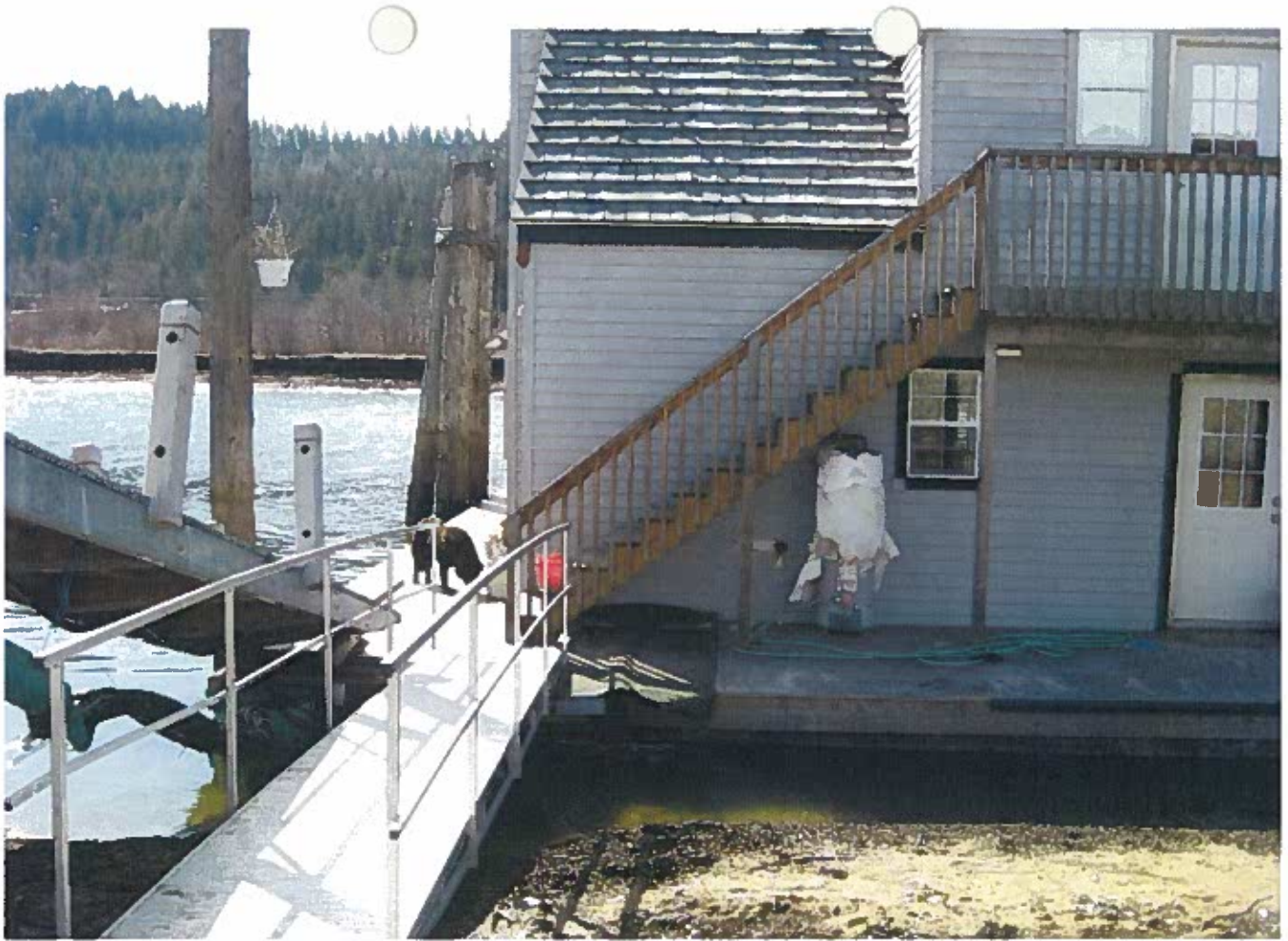
QUOS SHOWN ARE BASED ON ADDRESSABLE TON AND MAY OR MAY NOT BE PUBLIC.

T 48N R 4W S 31
Jack

Keith Shannon 48407 S. Hy 97



PTN TAX# 1228 ASSESSED WITH 48N04W-36-9600
PTN TAX# 1228 ASSESSED WITH Y-0000-006-3200 IN SEC.6 47N03W AND WITH Y-0000-001-0100 IN SEC.1 47N04W



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Home #1



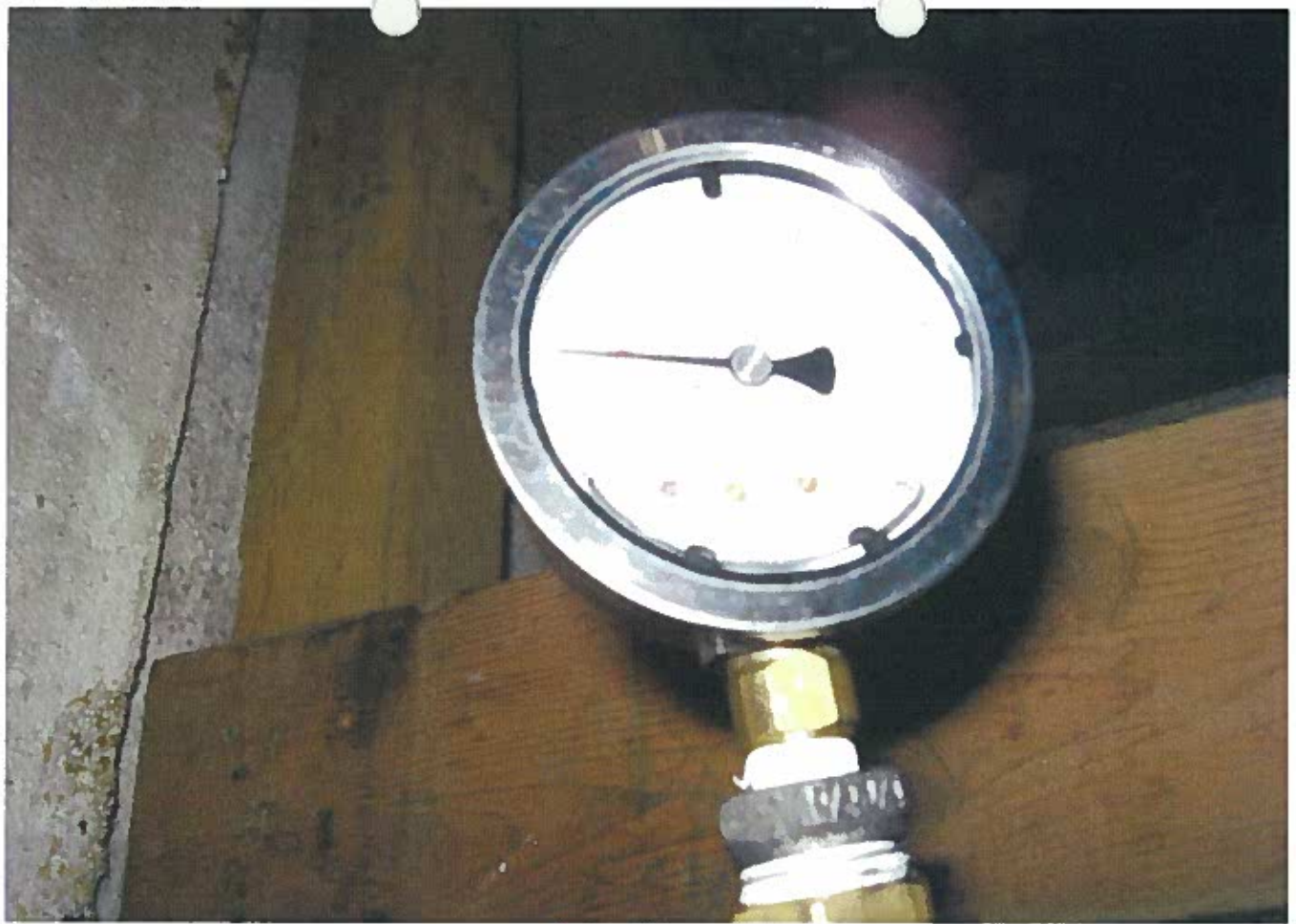
Home #2



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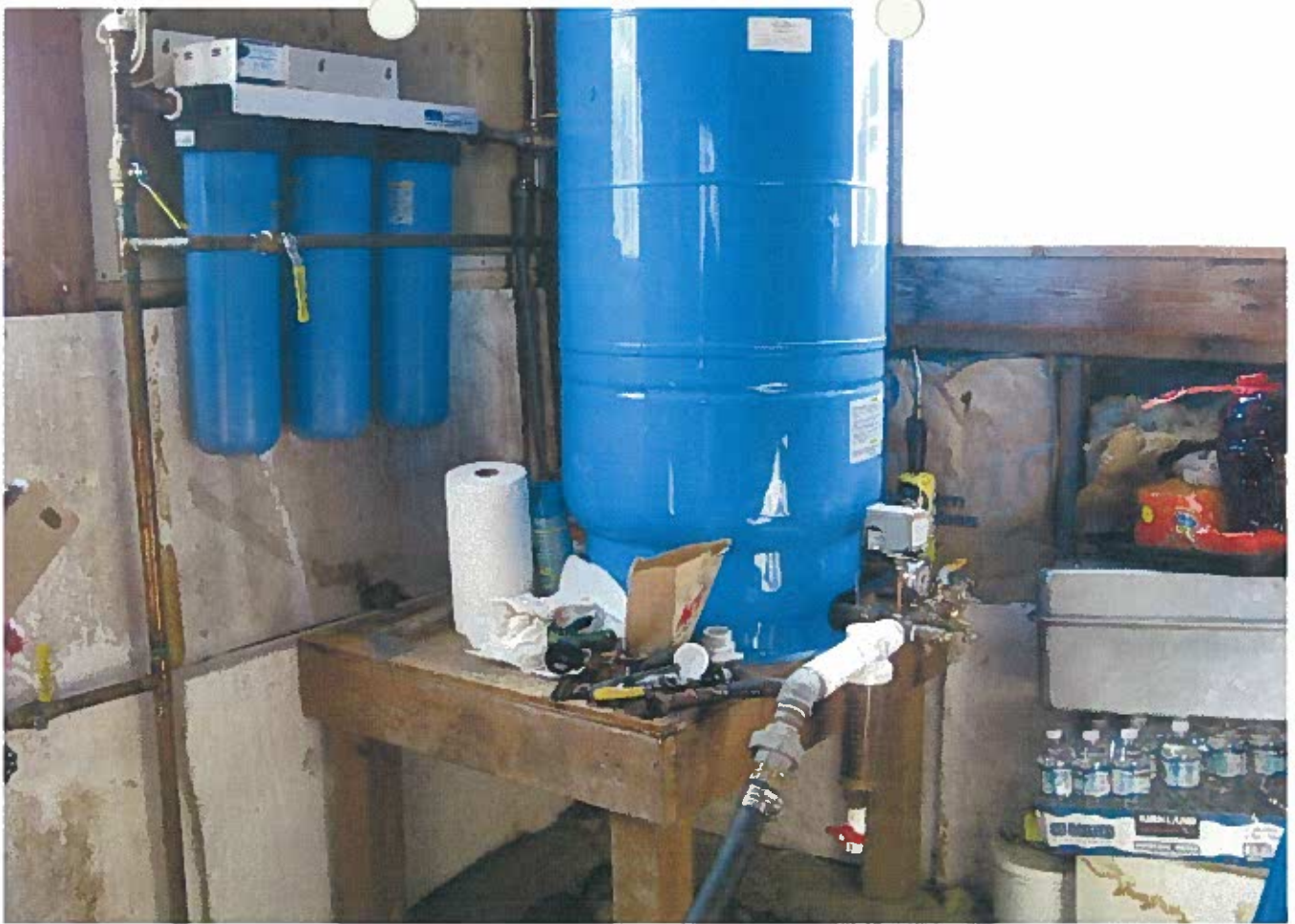


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