

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-9135

Exam Date: 6/2/2007

1. Current Owner: SHIRLEY R COLLINS
PO BOX 27649
LAS VEGAS NV 89126
(208)666-0656
2. Accompanied by: Bob Ettinger
Phone No:
Address:
Relationship to Permit Holder: Employee

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

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use:
2. Other water rights with the same point of diversion:

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

GROUND WATER

SW1/4SW1/4

Sec. 34, Twp 49N, Rge 04W, B.M.

KOOTENAI County

Method of Determination:

2.

PLACE OF USE: DOMESTIC

Tw	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
49N	04W	34											X						

PLACE OF USE: IRRIGATION

Tw	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
49N	04W	34											5.0						5.0

Total Acres: 5

PLACE OF USE: STOCKWATER

Twp Rge Sec	NE				NW				SW				SE				<u>Totals</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>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
49N 04W 34											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 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 Size</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

*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:

5 gallons in bucket in 15 seconds = 20 gpm = 0.04 cfs

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method:

$$\frac{5 \text{ gal} \times 6 \text{ sec}}{15 \text{ sec}} = 20 \text{ gpm}$$

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 5 \times 3 = 15 \text{ af}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.04 \times 246 \times 1.9835 = 19.51 \text{ af}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 15 \text{ af}$$

2. Volume Calculations for Other Uses:

$$\left(\begin{array}{l} 1.2 \text{ af} \\ 2 \text{ homes} \end{array} \right) + \left(\begin{array}{l} 15 \text{ af} \\ \text{Irr} \end{array} \right) = 16.2 \text{ af}$$

$$\text{Stockwater} = 5 \text{ horses} = 0.2 \text{ af}$$

G. NARRATIVE/REMARKS/COMMENTS

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	0.020 CFS	1.2 af
IRRIGATION	03/15 to 11/15	0.040 CFS	15 af
STOCKWATER	01/01 to 12/31	0.020 CFS	0.2 af
<u>Totals:</u>		0.080 CFS	

2. Recommended Amendments

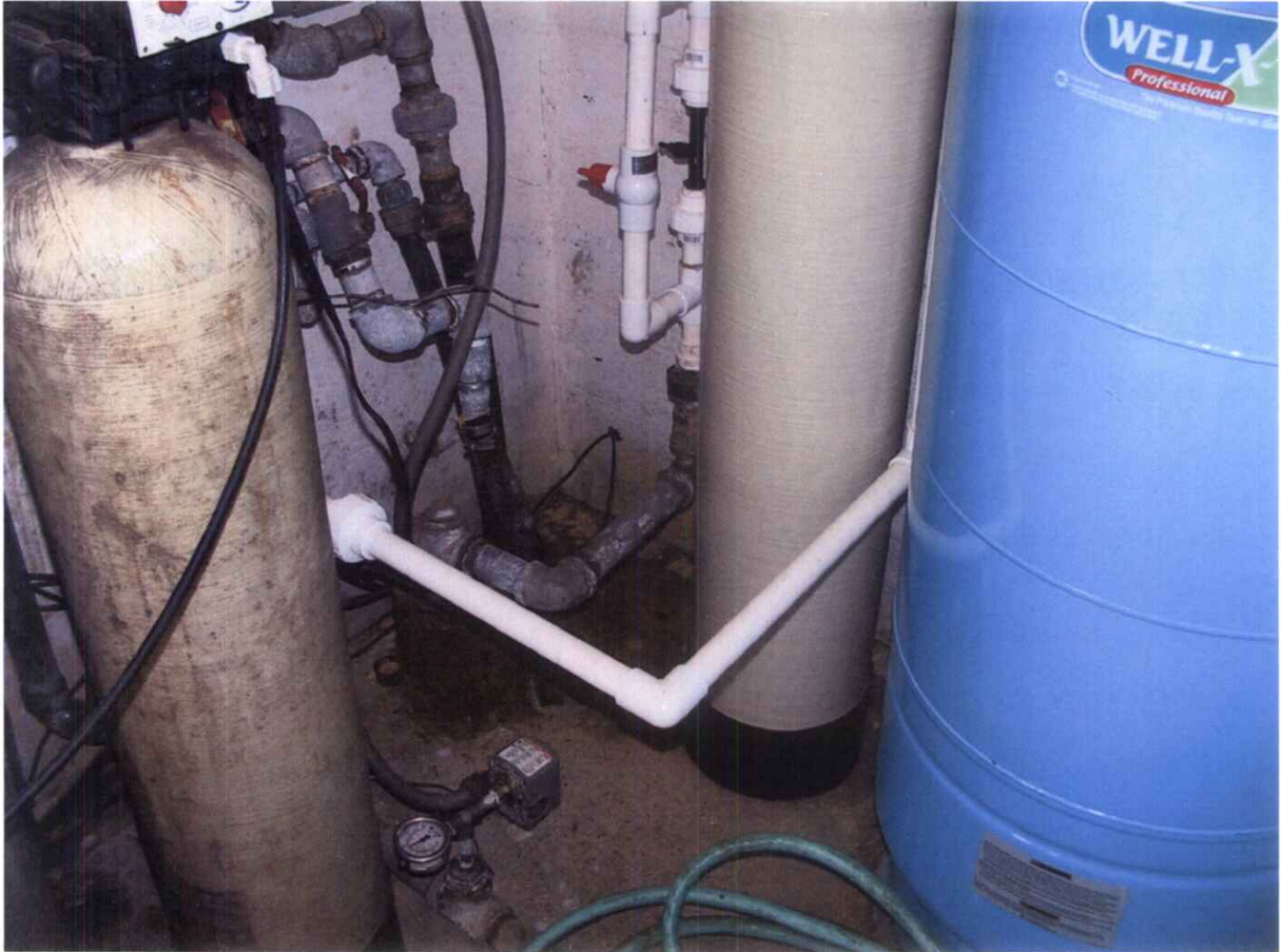
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

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

I. AUTHENTICATION

Field Examiner's Name Eric J. Jones Date 7/9/2007

Reviewer [Signature] Date 7/12/07



Point of Diversion

SCANNED
JUL 20 2007



Place of Use

SCANNED
JUL 20 2007

95-9135

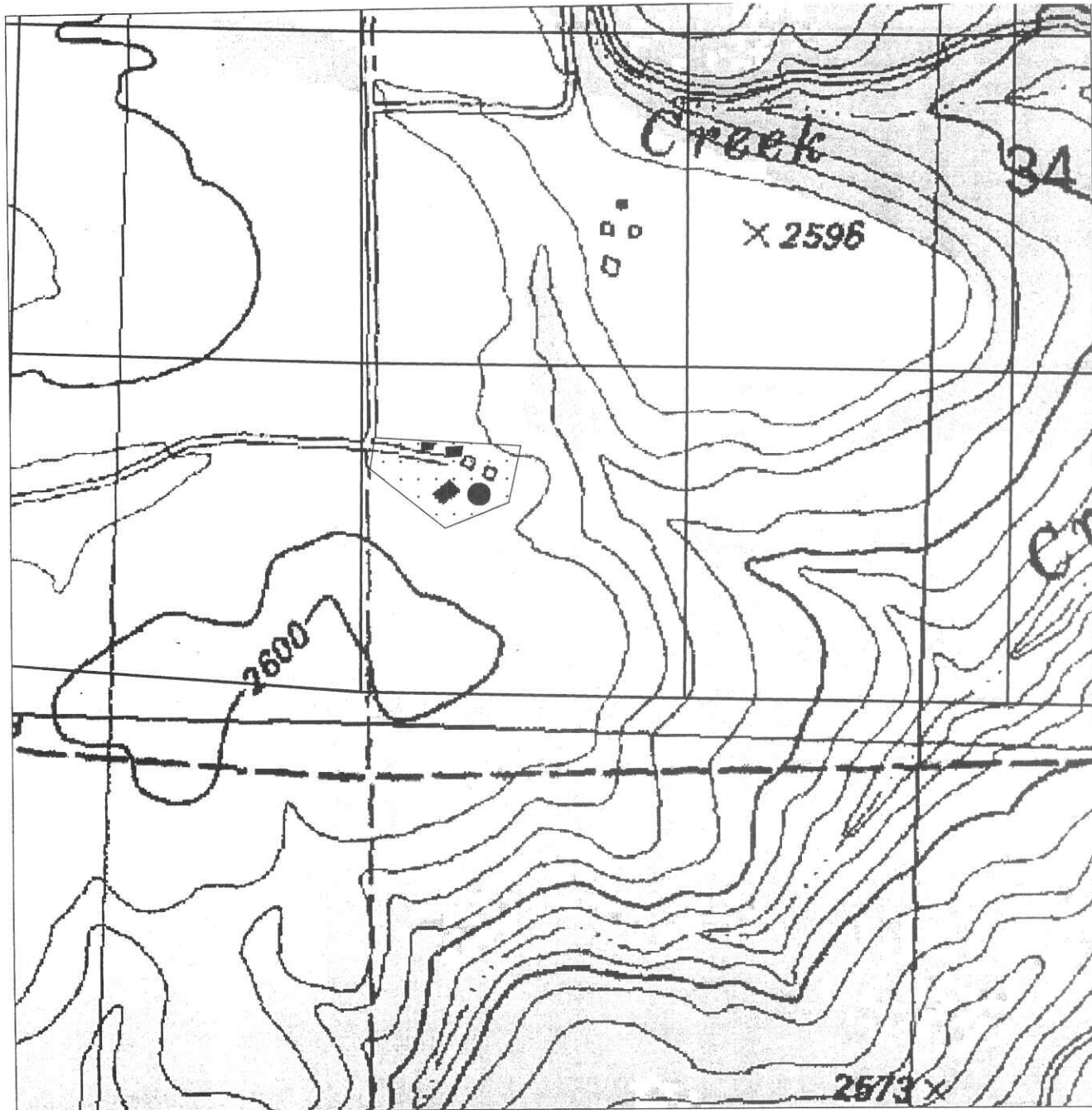
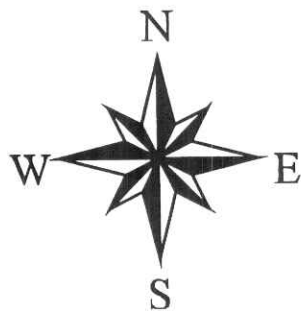


0.1 0 0.1 0.2 Miles

-  Kootenai taxlots
-  GCDB49N04W GCDB
-  Permit POD
-  Application POD
-  Administrative BasinsAdminbas.shp



Quad IndexQuadcov.shp
T49n04w.shp









TER AT

LASCO
PVC
1/2"



































