

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable

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I don't really know sys configuration
I do know its A 2" Line from well to system
and there are 7 Properties on system

Scale: 1" = _____

____ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

____ Aerial Photo Attached (required for irrigation of 10+ acres)

____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Goulds	15		Sok	2"

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: _____

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E. NARRATIVE/REMARKS/COMMENTS

Pump info provided to me by Rich at United in Hayden. Well is 490', screened 450' to 490'. Rich said according to his pump curve info the pump should deliver 75 gpm to surface. That's what I came up with using theoretical calculation.

Irrigation portion of permit: I saw very little irr. I didn't go measure every yard, but I went and looked at them. All are .5 acres or less (mostly less). I just went .5 acres ea. Seven properties receiving water.

Have conditions of permit approval been met? ☒ yes ☐ no

Measured Method:

Theoretical

$$\frac{8.8(15)(.7)}{4804(2.31 \times 40)} = \frac{92.4}{572.4} = .16 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 3.5 \times 3 = 10.5$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .07 \times 245 \times 1.9835 = 34$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 10.5$$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<i>Domestic</i>	<i>01-01</i>	<i>12-31</i>	<i>.16</i>	<i>4.2</i>
<i>Irrigation</i>	<i>03-15</i>	<i>11-15</i>	<i>.07</i>	<i>10.5</i>
Totals:			<i>.16</i>	<i>14.7</i>

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 *Wayne Baldwin* Date *9-27-07*

Reviewer _____ Date _____

SEAL

96-08924

PLACE OF
USE

(13)
(WELL)
POINT OF
DIVERSION

- ANDERSON FOR -
REMINGTON RD. WATER ASSN.
T. 53N., R. 4W.

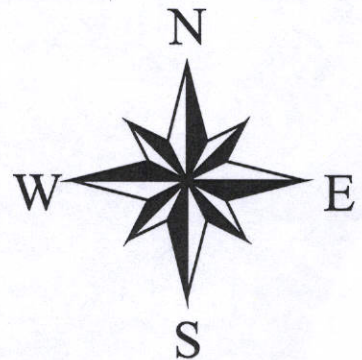
AUG 22 1996

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0.06 0 0.06 0.12 Miles

T-53N R 4W



GCDB53N04W GCDB
Permit POD

Remington Rd. Water Assoc.



PC



PC



PC



PC

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