

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 27-7420

Exam Date: 6/3/2004

1. Current Owner: CITY OF SHELLEY
101 S EMERSON AVE
SHELLEY ID 83274
(208)357-3390

2. Accompanied by:

Phone No:

Address:

Relationship to Permit Holder:

- | 3. <u>SOURCE</u> | <u>TRIBUTARY</u> |
|------------------|------------------|
| GROUND WATER | |

B. OVERLAP REVIEW

1. Other water rights with the same place of use: Yes
2. Other water rights with the same point of diversion: no

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER L2 NE1/4NW1/4NW1/4 Sec. 31, Twp 01N, Rge 37E, B.M.
BINGHAM County

Method of Determination: Review of aerial photography in ArcView with QQ overlay, and photography provided from field exam

- 2.

PLACE OF USE: DOMESTIC

[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 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>
699902					

*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:

E. FLOW CALCULATIONS☐ Additional Computation Sheets Attached

Measured Method:
 Deminimus amount used, 0.02 based upon permit

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: single domestic no irrigation 0.6 afa

G. NARRATIVE/REMARKS/COMMENTS

Well pump mainline to (waste water treatment plant) control for

Deminimus amount

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	0.60 AF
<u>Totals:</u>		0.020 CFS	0.60 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

Nature of use should be considered domestic-B not municipal, because the place of use is not within the municipal boundaries for the City of Shelley Public Works

I. AUTHENTICATIONField Examiner's Name Kieth Wilson Date June 3, 2004Reviewer Nate Arave Nate Arave Date April 19, 2007

[illegible]

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

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
	UNK	UNK	UNK		

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

D. FLOW MEASUREMENTS

1.

Theoretical

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

2. Measurements:

~~Theoretical~~ *Theoretical*

E. NARRATIVE/REMARKS/COMMENTS

well pump mainline to (wastewater treatment plant) Control for

Deminimus amt

The water is only used for cleaning purposes in the small brick shack: Mopping, cleaning up lights, Tele com. Rick Andersson, Public Works director ~2/20/2007 Nate Brave

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

F. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

G. VOLUME CALCULATIONS

N/A

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:****H. RECOMMENDATIONS****1. Recommended Amounts**

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Municipal	1/1	12/31	0.02	
Totals:			0.02	

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

Kerth C Wilson

Date

6/3/2004

Reviewer

Nafe Amro

Date

3/1/07

SEAL

Comment Report

27-7420

1. kwilson 6/3/2004 Field Report Narrative

Comment: Well pump mainline to (waste water treatment plant) control for

Deminimus amount

2. narave 2/20/2007 POD

Comment: Updated shape

3. narave 2/20/2007 Nature of Use

Comment: The water is only used for cleaning purposes in the small brick shack; mopping or cleaning UV lights, information provided by Rick Anderson public works director 2/20/2007

4. narave 2/20/2007 POU

Comment: Updated Shape

5. narave 3/1/2007 POD

Comment: Updated shape

6. narave 3/1/2007 POD

Comment: Updated PLS

7. narave 3/1/2007 Overlap Analysis

Comment: The overlapping places of use are; 1 38, 1 171, 1 10247, 1 250, 1 328

8. DGibson 7/7/2003 Reinstatement

Comment: This permit was reinstated on 7/7/2003 based on the evidence provided by the City of Shelley for reinstatement of this permit.

[illegible]



