

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

D. FLOW MEASUREMENTS

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calibration Date
N/A						

Measurements N/A

E. NARRATIVE/REMARKS/COMMENTS

DOMESTIC USE: Assessor information per: ArcMap photo(2009), confirmed dwelling on site for identified owner. Dwelling is the Elk Creek Guard Station. Correspondence attached stating number of people and days per year of use. See attached well log.

Have conditions of permit approval been met? ☒ Yes ☐ No

F. FLOW CALCULATIONS

Measured Method:

ALLOW PERMIT RATE

☐ Additional Computation Sheets Attached**G. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation: N/A

VI.R. = (Acres Irrigated)x (Irrigation Requirement) =

VD.R. = [Diversion Rate (cfs)] x (Days in Irrigation Season) x 1.9835 =

V = Smaller of VI.R. and VD.R. =

2. Volume Calculations for Other Uses:

ALLOW
1.2 or 0.6
AF for
domestic,
add stock
AF if
applicable

N/A here
JL 9/2/11

H. RECOMMENDATIONS

1. Recommended Amount

BENEFICIAL USE	PERIOD OF USE		RATE OF DIVERSION ANNUAL	
	From	To	Q(cfs)	V(afa)
DOMESTIC	1/1	12/31	0.04	0.3 (see attached worksheet)

~~STOCKWATER (if applicable)~~

TOTALS 0.04 0.3

2. Recommended Amendments

☐ Change P.D. as reflected above
☐ Change P.U. as reflected above

☐ Add P.D. as reflected above
☐ Add P.U. as reflected above

☒ None
☐ Other

I. AUTHENTICATION

Field Examiner's Name Jean Hersley
Reviewer

Jean Hersley

Date 08/26/2011
Date

D. FLOW MEASUREMENTS*Amended pg 3*

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calibration Date
N/A						

Measurements N/A

E. NARRATIVE/REMARKS/COMMENTS

DOMESTIC USE: Assessor information per: ArcMap photo(2009), tax lot research, email, confirmed dwelling on site for identified owner. Dwelling is the Eld Creek Guard Station. Correspondence attached stating number of people, days per year of use and GPS coordinates.

See attached well log. Regional well staff notified if exam confirms well log legal incorrect. Well log states well in NENE, GPS confirms NWNE.

Have conditions of permit approval been met? ☒ Yes ☐ No

F. FLOW CALCULATIONS

Measured Method:

☐ Additional Computation Sheets Attached

ALLOW PERMIT RATE

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

 $VI.R. = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ $VD.R. = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ $V = \text{Smaller of VI.R. and VD.R.} =$

2. Volume Calculations for Other Uses: ALLOW
1.2 or 0.6
AF for
domestic,
add stock
AF if
applicable

H. RECOMMENDATIONS

1. Recommended Amount

BENEFICIAL USE	PERIOD OF USE		RATE OF DIVERSION ANNUAL	
	From	To	Q(cfs)	V(afa)
DOMESTIC	1/1	12/31	0.04	0.30

STOCKWATER (if applicable)

TOTALS 0.04 0.3

2. Recommended Amendments

☐ Change P.D. as reflected above
☐ Change P.U. as reflected above

☐ Add P.D. as reflected above
☐ Add P.U. as reflected above

☒ None
☐ Other

I. AUTHENTICATION

Field Examiner's Name Jean Hersley
Reviewer



Date 9/6/2011
Date

77-14339 VOLUME RECOMMENDATION

From personal work experience by Steve Lester, 1978-1985: FS guard stations are typically cabins with full kitchens & bathrooms, similar to cottage category from non-irrigation water requirements, see attached (50 gpd/person). Sometimes these include trailers with same features (also 50 gpd/person).

FS email confirms at least 2 months at maximum 24 people. However, telephone information indicates use of guard stations as weather allows. They aim for July 4 thru Sept-Oct period.

Assume maximum use: 3 months, 24 people, 50 gpd/person.

Volume required: $(90 \times 24 \times 50) / 325,850 = 108,000 / 325,850 = 0.33 = \underline{0.3 \text{ AF}}$

Volume diverted: $0.04 \times 365 \times 1.9835 = 28.96 = \underline{29 \text{ AF}}$

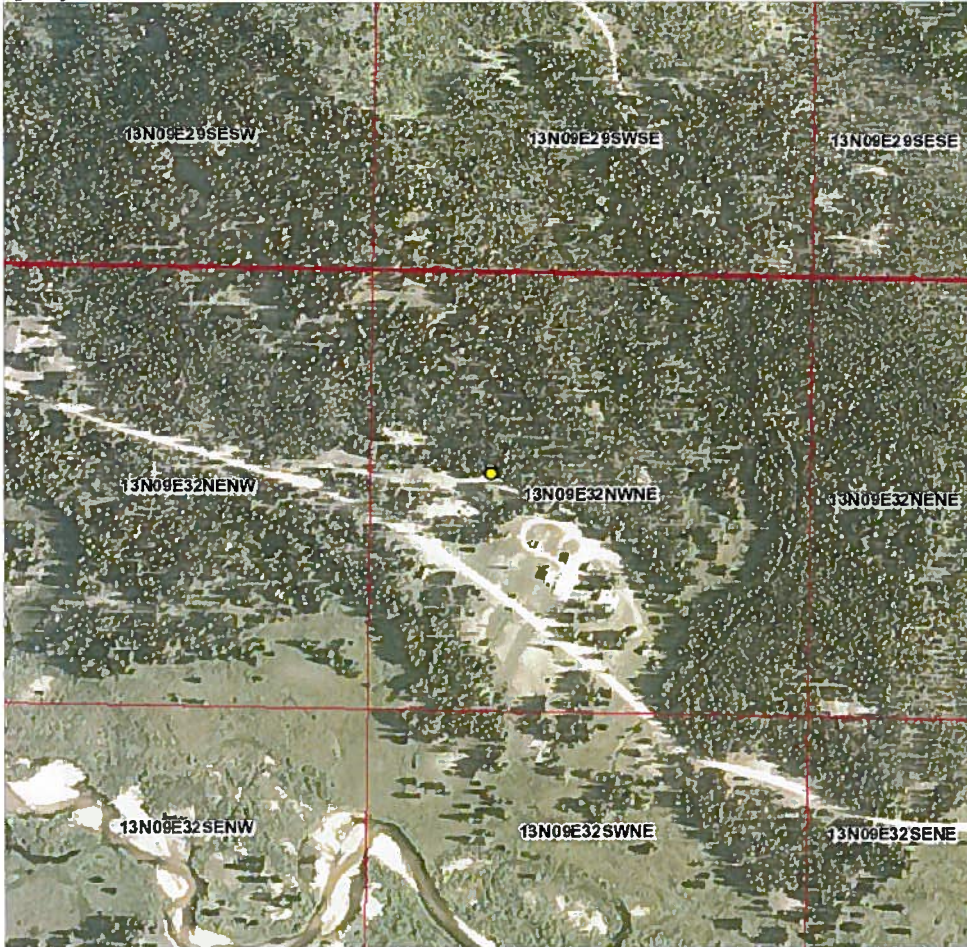
even if only 90 days: $0.04 \times 90 \times 1.9835 = 7.1 \text{ AF}$

Volume required < volume diverted, allow 0.3 AF

SL 8/28/11

(Sign once if Firm Official & Operator)

IDAHO Department of Water Resources
Well Drillers' Locator



Results

If present, the yellow dot on the map indicates the lat/long you provided:

44° 25.305' N; 115° 24.392' W
NW quarter of the NE quarter of Section 32,
Township 13N, Range 09E
IDTM NAD83 coordinates:
Easting=2388034.1; Northing=1469903.2

Drilling restrictions may apply to the following areas:

- Areas Drilling Concern
- Contamination Areas
- Nitrate Priority Areas
- Critical Ground Water Areas
- Ground Water Management Areas



State of Idaho
Department of Water Resources
322 East Front Street
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Scale: 1" = 410 feet

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