

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 29-14088

Exam Date: 12/16/2014

1. Current Owner: BANNOCK COUNTY
5500 S 5TH
POCATELLO ID 83204
(208)233-9591

2. Accompanied by:

Phone No:

Address:

Relationship to Permit Holder:

3. SOURCE

TRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point of diversion: None

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

GROUND WATER

NW1/4NW1/4

Sec. 29, Twp 10S, Rge 37E, B.M.

BANNOCK County

Method of Determination: GPS and aerial photography

2.

PLACE OF USE: INDUSTRIAL

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			<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>	
10S	37E	29						X											

Method of Determination: Aerial photography and site visit.

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

D. FLOW MEASUREMENTS

Measurements: No water was being used during the time of the field exam. No measurement taken.

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

Calculated rate of diversion for this right is based on Idaho Code 42-111 (1b).

Q= 0.04 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \text{N/A}$

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

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

2. Volume Calculations for Other Uses:

2500 gallons/day*184 days/year = 460,000 gallon or 1.4 acre-feet

G. NARRATIVE/REMARKS/COMMENTS

46 inch culvert approximately 10ft deep. The shallow well is capped with a pipe insert used to fill up water trucks for dust abatement purposes. The well is also used to wash gravel. The use of water under this right will be limited to 0.04 cfs and 2,500 gallons per day.

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>
INDUSTRIAL	01/01 to 12/31	0.040 CFS	1.40 AF
<u>Totals:</u>		0.040 CFS	1.40 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 Blake Jordan Date 12/22/2014

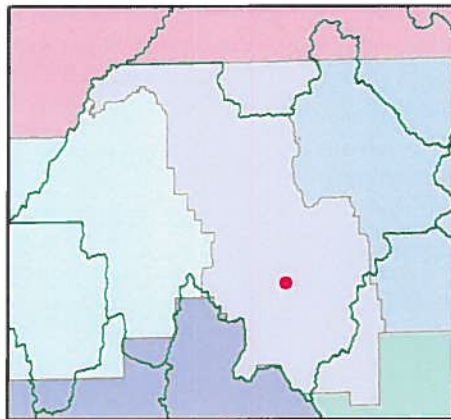
Reviewer _____ Date _____



Idaho Department of Water Resources

Water Right
29-14088
(INDUSTRIAL)

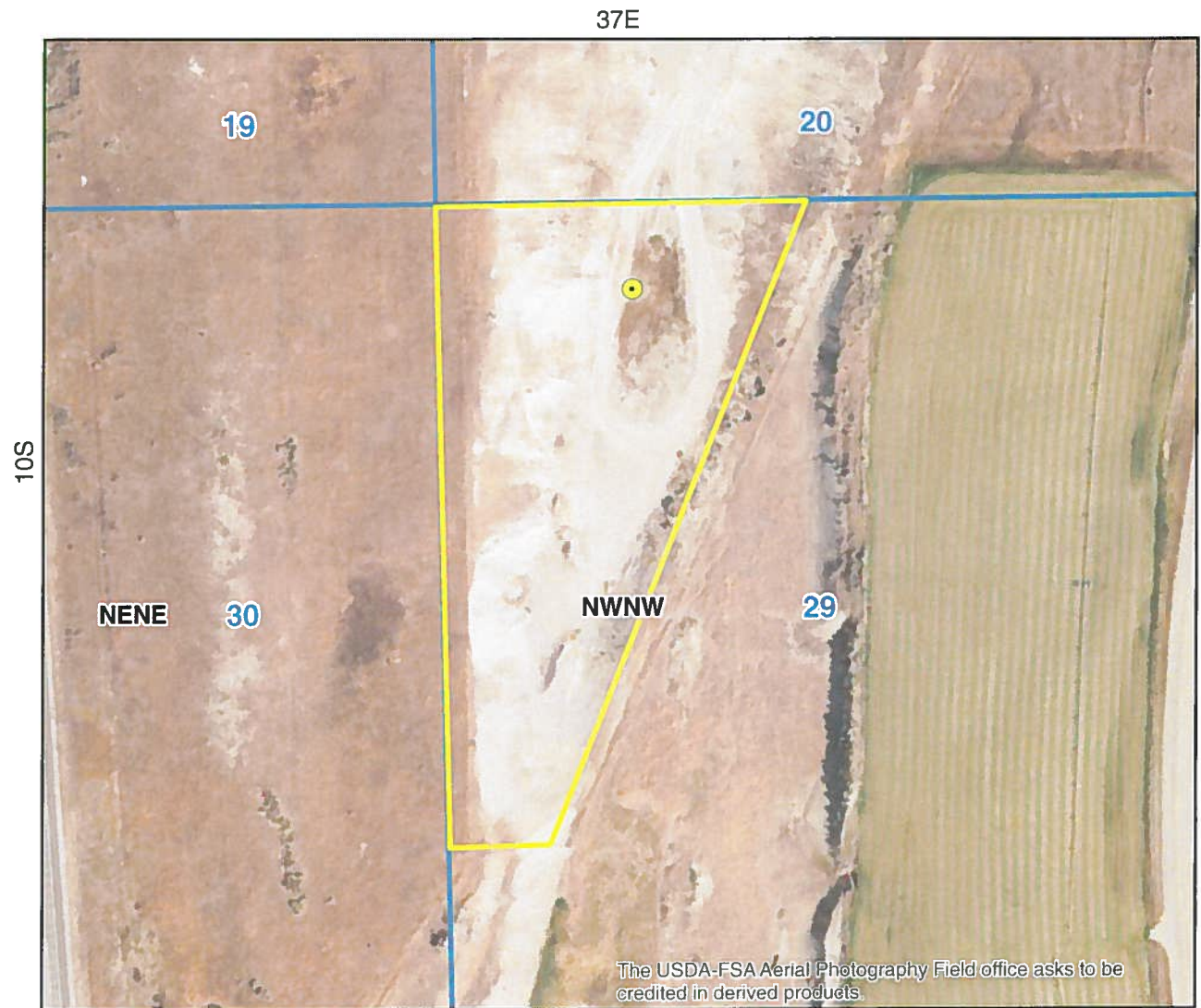
-  Point of Diversion
-  Place of Use
-  State Outline
-  Townships
-  PLS Sections
-  Quarter Quarters



Bannock County
IDWR Basin 29

Prepared by Jordan, Blake

2013 Aerial Photography



The USDA-FSA Aerial Photography Field office asks to be credited in derived products.

0 0.045 0.09 0.18 Miles

Owner: Bannock County

NOTE: Only one owner is listed. There may or may not be more than this in the IDWR database.

