

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 22-13770

Exam Date: 07/13/2012

1. Current Owner: MADISON SCHOOL DISTRICT # 321
PO BOX 830
REXBURG ID 83440-1520
(208)359-3300

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 SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER

SW1/4NE1/4NW1/4

Sec. 36, Twp 05N, Rge 39E, B.M.

MADISON County

Method of Determination: GPS/ Field Exam

2.

PLACE OF USE: DOMESTIC

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
05N 39E 36					X	X											

Method of Determination: Aerial Photography/ Field Exam

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</u> <u>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</u> <u>Size</u>
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D0049025

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

D. FLOW MEASUREMENTS

1. De-minimus flow < 0.24 cfs. measurement not required

<u>Measurement</u> <u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
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Measurements: N/A

2.

E. FLOW CALCULATIONS

Measured Method: N/A

☐ Additional Computation Sheets Attached

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:

Approximately 500 students and faculty

Approximately 200 days in school year

22 gallons per student/faculty

$$500 \text{ people} \times 22 \text{ gallons} \times 200 \text{ days} = 2,200,000 \text{ gallons} / 325,850.0 \text{ gallons/acre-foot} = 6.8 \text{ acre-feet}$$

G. NARRATIVE/REMARKS/COMMENTS

Domestic use is for the South Fork Elementary School located at 7163 S. 200 W. Inside use only. Lawn is irrigated with surface water. POD location= 111° 49' 05.2"W, 43° 49' 34.3" N.

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	0.150 CFS	6.80 AF
<u>Totals:</u>		0.150 CFS	6.80 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 Bha Date 7/13/2012

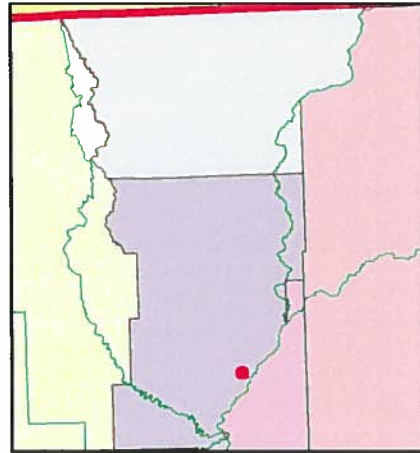
Reviewer James Cefato Date 7/25/2012



Idaho Department of Water Resources

Water Right
22-13770
(DOMESTIC)

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



Madison County
IDWR Basin 22

Prepared by Jordan, Blake

2009 Aerial Photography



Owner: Madison School District # 321

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

