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Permit No: 23-7097

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STATE OF IDAHO Department of Water Resources
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 23-7097

Exam Date: 7/14/2003

1. Current Owner: WAYNE H SERMON TRUST
110 W 740 N
AMERICAN FORK UT 84003

2. Accompanied by: NONE
Phone No:
Address:
Relationship to Permit Holder:

3. SOURCE TRIBUTARY
UNNAMED DRAIN SOUTH FORK SNAKE RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 23-10035 Bu claim / Palisades Canal
2. Other water rights with the same point of diversion: 23-10035 Bu claim

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

UNNAMED DRAIN L3 NW1/4SW1/4 Sec. 7, Twp 01N, Rge 44E, B.M.
BONNEVILLE County

Method of Determination: FE/GPS

2.

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
01N	44E	7										34.0	9.0						43.0
												L 3	L 4						

Total Acres: 43

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

<u>Well or Diversion</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>
	Atlas-Columer	2hp	6E pump	Berkley	
			226 ci		

D. FLOW MEASUREMENTS

<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>

2. Measurements:

$$CFS = \frac{2hp \cdot 6.16}{5 + 2.31(50)} = .10 CFS$$
 small pump

$$= \frac{(25hp \cdot 6.16)}{5 + 2.31(50)} = 1.27 CFS$$
 LARGER PUMP

Additional Computation Sheets Attached

$$\begin{array}{r} 12.32 \\ \hline 120.5 \end{array}$$

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 43 \times 3.5 = 150.5$$

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

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 150.5$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

sump hole concrete with two pumps one 2 HP GE electrical pump for the lawns, one allis-chalmers motor 226 ci centrifugal berkley pump. to mainline and handlines

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>
IRRIGATION	04/01 to 10/31	0.860 CFS	150.50 AF
<u>Totals:</u>		0.860 CFS	150.50 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

DAVE Carlson

Date

7/22/2003

Reviewer

Date



23-7097 pod

7/2003 DC

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NWSW

SWSW

