

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 15-7280

Exam Date: 8/16/2012

1. Current Owner: ROSE H JONES FAMILY LLC
6565 E IONA RD
IDAHO FALLS ID 83401
(208)522-1480
2. Accompanied by: 16 yr old Son of Paul Hubbard
Phone No: 208.766.3055
Address:
Relationship to Permit Holder: New owner of property.

3. SOURCE TRIBUTARY
GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 15-7279, 15-2070A
2. Other water rights with the same point of diversion: 15-7279, 15-2070A

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

GROUND WATER SW1/4NE1/4NW1/4 Sec. 31, Twp 14S, Rge 36E, B.M.
ONEIDA County

Method of Determination: GPS and Ariel photography.

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	
14S	36E	31	5.6	20.2	39.0	8.4	19.5			38.3									131.0

Total Acres: 131

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>
	Peutz Diesel Motor	113	4DZXL065035	Randolph	85474

*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>
Portable Flowmeter	FSC	Fuji	S10A1-00Y	A0L5539T		5/30/2012

2. Measurements: A ten minute flowmeter reading was performed. Maximum instantaneous flow rate was 1006.6 gpm or 2.24 cfs. Pressure was at 40 PSI.

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

Measured Method:

Water Right 15-2070A= 1.5 CFS

Water Right 15-7279 = 0.43 CFS

When combined 15-7279 and 15-2070A are limited to 1.82 CFS

Measured Flow = 2.24 CFS

2.24 CFS – 1.82 CFS = .42 CFS

Water Right 15-7280 = .42 CFS

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = 40(\text{Acres Irrigated}) \times 3.5 (\text{Irrigation Requirement}) = 140.0$$

$$V_{D.R.} = .42 [\text{Diversion Rate (cfs)}] \times 214 (\text{Days in Irrigation season}) \times 1.9835 = 178.2$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 140$$

2. Volume Calculations for Other Uses: none

G. NARRATIVE/REMARKS/COMMENTS

Field exam for this permit was done on 8/16/2012. The pump was powered by a 113 hp diesel engine. A ten minue flow test was done which yielded and a maximum rate of 1006.6 gpm

This water right shares the same POD as water right 15-2070A and 15-7279.

Water rights 15-2070A and 15-7279 when combined are limited to 1.82 CFS, 318.5 AF and 91 acres. The total acreage with the combined three water rights will be limited to 131 acres. Total number of acres irrigated is 131.0. Right 15-7280 authorizes the irrigation of 40.0 acres. Rights 15-2070A and 15-7279 authorize the irrigation of 91.0 acres. Rights 15-2070A, 15-7279, and 15-7280 when combined can irrigate a maximum of 131.0 acres. The place of use for Right 15-7280 will include a 131 acre place of use where the right will be limited to 40.0 acres.

Amendment will be sent to previous owner of property who is the current owner of the water right permit. (Rose H Jones Family LLC). –

Once the water right has been licensed, current property owner (Paul Hubbard) will apply for a change of ownership.

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	0.420 CFS	140.0 AF
<u>Totals:</u>		0.420 CFS	140.0 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 Scott Byrne Date 10/2/12
 Reviewer James Cefalo Date Oct 5, 2012



Idaho Department of Water Resources

Water Right
15-7280
(Irrigation)



POD

POU

Mainline

Township/Range

Sections

QQ

N

Onida County
IDWR Basin 15

0 0.050.1

0.2 Miles

Prepared by Scott Bergendorf

2010 Aerial Photography

15-7280	VELOCITY ft/s	'FLOW RAT' gal/min	'TOTALIZER' gal						
8/16/2012 12:16	4.256	985.334	89921.7	8/16/2012 12:21	4.275	989.584	95211.1		
8/16/2012 12:16	4.32	1000.182	90088.2	8/16/2012 12:22	4.27	988.608	95369.1		
8/16/2012 12:16	4.271	988.651	90247.4	8/16/2012 12:22	4.254	984.899	95534.7		
8/16/2012 12:17	4.276	989.815	90413.5	8/16/2012 12:22	4.232	979.676	95698		
8/16/2012 12:17	4.312	998.243	90580.1	8/16/2012 12:22	4.324	1001.022	95866.5		
8/16/2012 12:17	4.325	1001.31	90750	8/16/2012 12:22	4.276	989.932	96033.5		
8/16/2012 12:17	4.328	1001.849	90917.2	8/16/2012 12:23	4.327	1001.718	96197.7		
8/16/2012 12:17	4.269	988.231	91082.5	8/16/2012 12:23	4.283	991.446	96366.9		
8/16/2012 12:17	4.217	976.232	91250.5	8/16/2012 12:23	4.278	990.244	96532.2		
8/16/2012 12:18	4.326	1001.419	91415.2	8/16/2012 12:23	4.348	1006.604	96692		
8/16/2012 12:18	4.297	994.678	91575.4	8/16/2012 12:23	4.337	1003.91	96859		
8/16/2012 12:18	4.306	996.769	91741.8	8/16/2012 12:23	4.255	985.102	97025		
8/16/2012 12:18	4.249	983.617	91906.8	8/16/2012 12:24	4.253	984.684	97193.5		
8/16/2012 12:18	4.249	983.55	92073.2	8/16/2012 12:24	4.212	975.006	97356.7		
8/16/2012 12:18	4.275	989.768	92238.2	8/16/2012 12:24	4.251	984.175	97519.7		
8/16/2012 12:19	4.29	993.144	92402.9	8/16/2012 12:24	4.282	991.379	97687.6		
8/16/2012 12:19	4.339	1004.496	92574.2	8/16/2012 12:24	4.255	985.102	97852		
8/16/2012 12:19	4.323	1000.712	92733.8	8/16/2012 12:24	4.242	982.139	98010		
8/16/2012 12:19	4.271	988.849	92900.7	8/16/2012 12:25	4.286	992.291	98174.7		
8/16/2012 12:19	4.28	990.788	93064.2	8/16/2012 12:25	4.283	991.403	98339.7		
8/16/2012 12:19	4.273	989.132	93229.2	8/16/2012 12:25	4.326	1001.474	98508.5		
8/16/2012 12:20	4.324	1000.93	93398.5	8/16/2012 12:25	4.307	997.052	98675.7		
8/16/2012 12:20	4.205	973.547	93563.6	8/16/2012 12:25	4.221	977.079	98840.9		
8/16/2012 12:20	4.285	991.868	93727.8	8/16/2012 12:25	4.266	987.516	99007.8		
8/16/2012 12:20	4.272	988.98	93895.9	8/16/2012 12:25	4.34	1004.81	99167.2		
8/16/2012 12:20	4.292	993.516	94053.5	8/16/2012 12:26	4.341	1005.034	99334.8		
8/16/2012 12:20	4.232	979.783	94217.3	8/16/2012 12:26	4.246	982.892	99499.8		
8/16/2012 12:21	4.258	985.825	94381.8	8/16/2012 12:26	4.212	975.04	99663.4		
8/16/2012 12:21	4.269	988.191	94549.3	8/16/2012 12:26	4.292	993.686	99831.4		
8/16/2012 12:21	4.257	985.509	94714.3	8/16/2012 12:26	4.299	995.216	99996		
8/16/2012 12:21	4.206	973.727	94878.7	8/16/2012 12:26	4.287	992.488	100161.5		
8/16/2012 12:21	4.283	991.613	95045.2	8/16/2012 12:27	4.24	981.55	100330.2		
				8/16/2012 12:27	4.209	974.459	100486.5		

maximum
2.243 cfs



