

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 96-09312

Exam Date: 5/13/2016

1. Current Owner:
JUNCO ENTERPRISES LLC 1673 GOOBY RD SANDPOINT ID 83864 (208)263-8861

2. Accompanied by: Applicant

3. SOURCE: 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 NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 17, Twp 57N, Rge 02W, B.M. BONNER County

Method of Determination: GPS and maps. POD location at 116° 36.406, 48° 17.658

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	
57N	02W	17						X											

Method of Determination: GPS and maps.

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.

XX

Aerial Photo Attached (required for irrigation of 10+ acres).

X

Photo of Diversion and System Attached

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

E. FLOW CALCULATIONS

Measured Method: UNABLE TO PERFORM FLOW MEASUREMENT BECAUSE APPLICANT DID NOT KNOW HOW TO LIFT FLOAT IN STORAGE TANK TO TURN ON PUMP TO FILL STORAGE TANK. THEORETICAL PUMPING EQUATION ESTIMATES FLOW AT

Additional Computation Sheets Attached

$$(3HP)(8.8)(0.8) / (151 + (40 \times 2.3087)) = 0.09 \text{ CFS}$$

F. VOLUME CALCULATIONS**1. Volume Calculations for Irrigation:**

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

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

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses: DOMESTIC FOR 8 HOMES WITH IRRIGATION UP TO 1/2 ACRE PER HOME
8 HOMES X 1.2 AF = 9.6 AF

G. NARRATIVE/REMARKS/COMMENTS

FIELD EXAM BY IDWR STAFF SHOWED WELL THAT HAD 3HP PUMP. 1 LOT HAD HOME BUILT AND OTHER 7 LOTS WERE STUBBED IN WITH NO HOMES. LICENSE WILL BE ISSUED FOR 8 HOMES WITH THE IRRIGATION UP TO 1/2 ACRE PER LOT. THEORETICAL PUMPING EQUATION ESTIMATES FLOW AT 39 GPM OR 0.09 CFS. WELL PUMPED INTO 14,000 GALLON STORAGE TANK BEFORE BEING PUMPED TO HOMES. LICENSE WILL BE FOR 0.09 CFS WITH ANNUAL VOLUME OF 9.6 ACRE FEET.

Have conditions of permit approval been met? X 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	0.09 CFS	9.6 AF
<u>Totals:</u>		0.090 CFS	9.60 AF

2. Recommended Amendments

Change P.D. as reflected above Add P.D. as reflected above X None

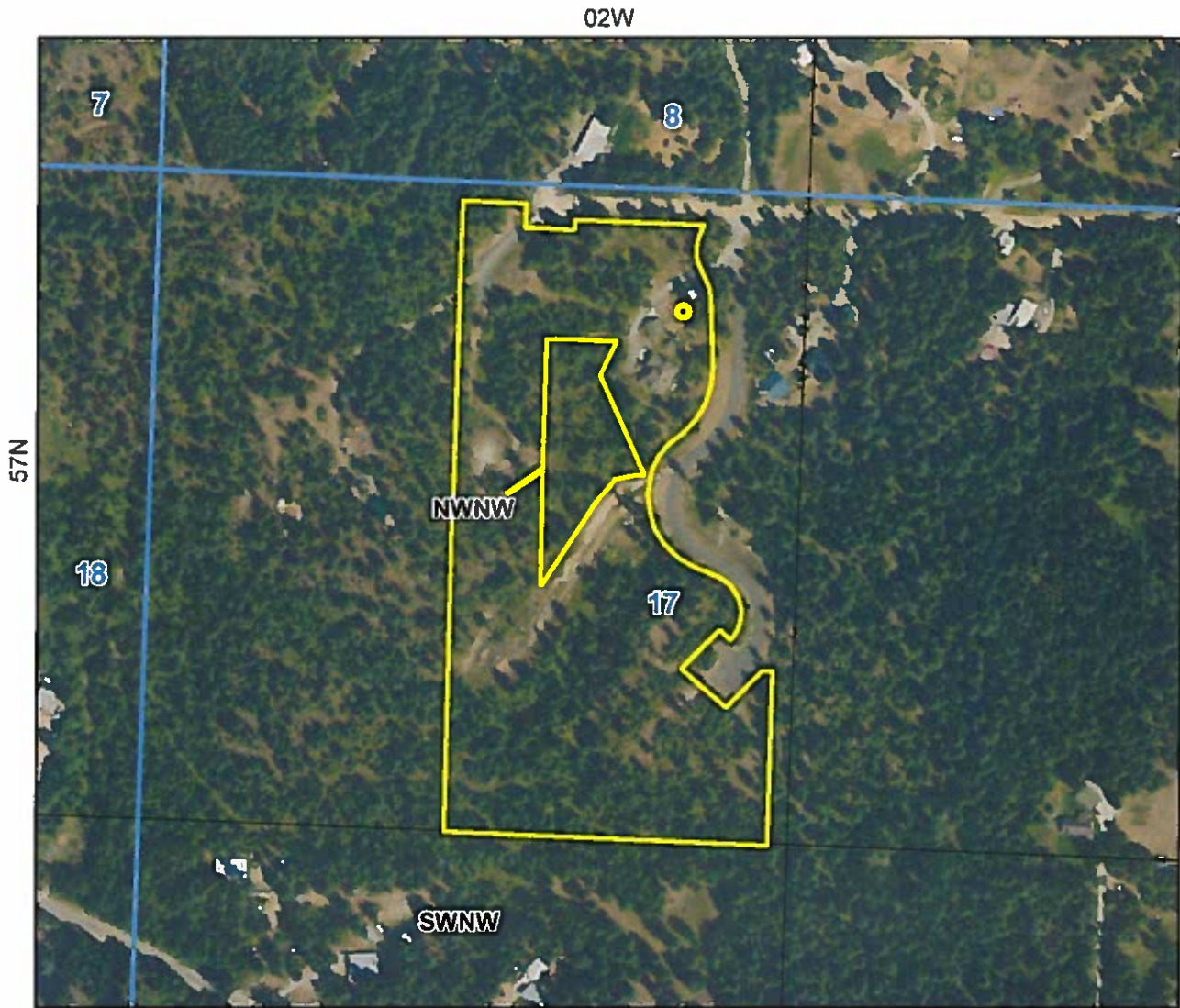
Change P.U. as reflected above Add P.U. as reflected above X None

I. AUTHENTICATION

Field Examiner's Name Adam Funderil Date 5-13-2016

Reviewer Morgan Case Date 5/20/2016

State of Idaho
Department of Water Resources
Water Right License
96-9312



-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections

0 0.045 0.09 0.18 Miles



IDWR WILL ASSUME PUMP IS SET AT 151 FEET AND THAT SYSTEM PRESSURE IS 40 PSI

PUMP EQUATIONS WATER RIGHT						
No.			96-9312			
		HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q =	HP*8.8*Eff/ H	3	243.51 7	0.8	151	40
Q = 0.087 cfs 39.0 gpm						

IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

Office Use Only			
Inspected by	_____		
Twp	Rge	Sec	
1/4	1/4	1/4	
Lat 48 : 17 : 64 Long 116 : 36 : 34			

1. WELL TAG NO. D0051278

Drilling Permit No: 844971

Other IDWR No. _____

2. OWNER

Name JUNCO ENTERPRISES LLC

Well Number:

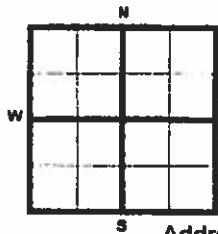
1273

Address 1673 GOOBY RD.

City SANDPOINT State ID Zip 83864

3. LOCATION OF WELL by legal description

sketch map location must agree with written location

Twp. 57N ☒ North or ☐ SouthRge. 02W ☐ East or ☒ West

Sec. 17 NE 1/4 NW 1/4 NW 1/4

Gov't Lot _____ County BONNER

Lat: 48 : 17 : 64 Long: 116 : 36 : 34

Address of Well Site Gooby Rd.

City Sandpoint

(Give at least name of road + Distance to Road or Landmark)

Lt. _____ Blk. _____ Sub. Name _____

4. USE:

☐ Domestic ☒ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply (Replacement, etc.)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK		AMOUNT		METHOD
Material	From	To	Sacks or Pounds	
BENTONITE	0	58	1250 lbs	Overbore

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 58Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner Welded	Threaded
8	+2	58	.322	STEEL	☒	☒	☐
6	-6	166	.280	STEEL	☐	☒	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☒ Perforations Method TORCH

☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
146	166	1/8 X 8	35	6	STEEL	☐	☒

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

84 ft. below ground Artesian pressure _____ lb.

Depth flow encountered 166 ft. Describe access port or control devices: _____

57N 2W 17

11. WELL TESTS:

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
40+			1 HR

Water Temp. COLD Bottom Hole Temp. COLD

Water Quality test or comments: CLEAR

Depth first Water encountered 130

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Diam	From	To	Remarks: Lithology, Water Quality, Temperature	Water	Y	N
14	0	2	Top Soil	☐	☒	☐
14	2	18	Sandy Loam	☐	☒	☐
12	18	39	Decomposed Granite	☐	☒	☐
12	39	58	Granite	☐	☒	☐
8	58	120	Granite	☐	☒	☐
8	120	140	Fractured Granite	☒	☐	☐
8	140	166	Granite	☒	☐	☐

RECEIVED

1-14-07

IDWR/North

 Completed Depth 166 (Measurable)
 Date: Started 1/26/2007 Completed 1/30/2007

13. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name H2O Well Service Inc. Firm No. 448

Firm Official _____ Date 2-14-07

and

Supervisor or Operator (Signature) _____ Date 1/30/07

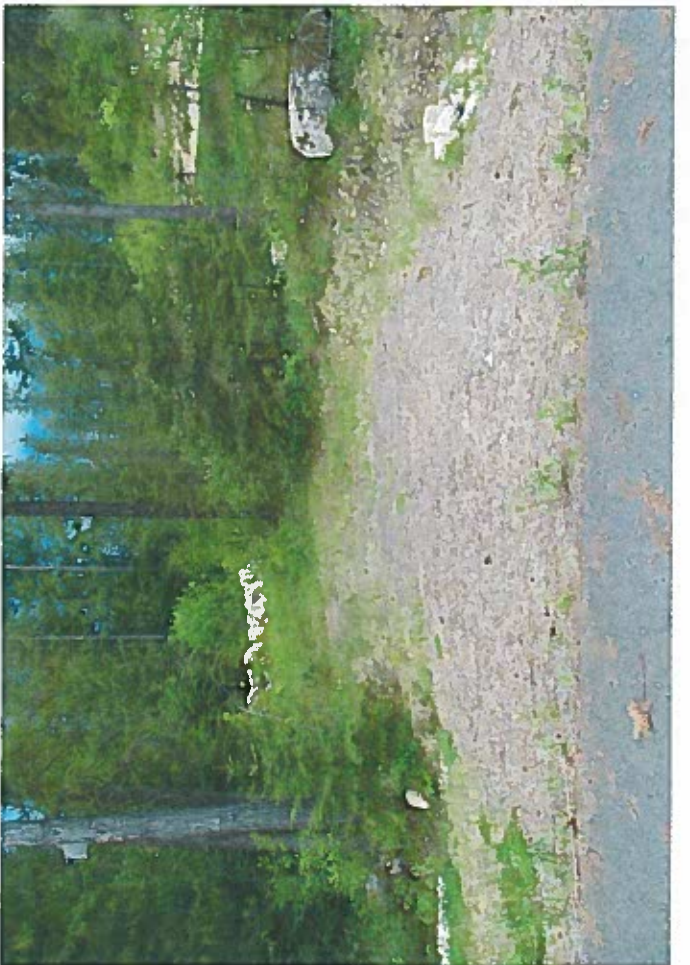
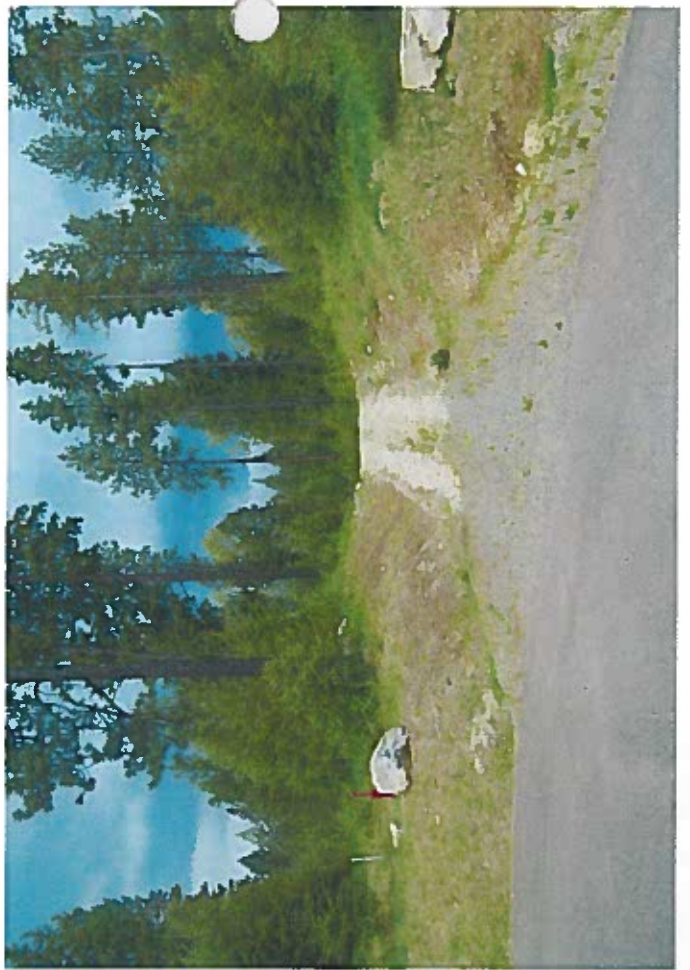
TODD MORGAN (Sign Once if Firm Official and Operator)



96-9312



96-9312



96-9312



96-9317