

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 96-9350

Exam Date: 8/12/2015

1. Current Owner: GREG WHITELEY
7507 STEPDOWN COVE
AUSTIN TX 78731
(512)345-3411
2. Accompanied by: Robert (Friend of Mr. Whiteley's)

3. SOURCE

DONE CREEK

TRIBUTARY

FLUME CREEK

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:**

DONE CREEK NW1/4SE1/4 Sec. 14, Twp 58N, Rge 01E, B.M. BONNER County

Method of Determination: GPS and maps. POD location at 48° 22.668, 116° 17.847

2.

PLACE OF USE: DOMESTIC

Twp Rge Sec	NE				NW				SW				SE				Totals
58N 01E 14	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
														X			

PLACE OF USE: FIRE PROTECTION

Twp Rge Sec	NE				NW				SW				SE				Totals
58N 01E 14	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
														X			

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</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>
	HONDA				

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

D. FLOW MEASUREMENTS

1.

<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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N/A

2. Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method: UNABLE TO PERFORM FLOW MEASUREMENT. MEASUREMENT OF DIVERSION RATE COVERED UNDER IDAPA RULES 37.03.02.035.01.r. SEE ATTACHED SPEC SHEET FOR A HONDA GX160, MAX FLOW AT 134 GPM.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses: DOMESTIC FOR 1 HOME WITH IRRIGATION UP TO ½ ACRE = 1.2 AF

G. NARRATIVE/REMARKS/COMMENTS

FIELD EXAM SHOWED APPLICANT HAD HONDA GX160 PUMP THAT SUPPLIED APPLICANTS RV SITE AND FUTURE HOME SITE AND THE IRRIGATION OF ORCHARD. APPLICANT HAD BETWEEN 20-30 FRUIT TREES DEPENDING IF WEATHER OR BEARS DESTROYED THEM. HONDA PUMP HAS MAX CAPACITY OF 134 GPM. LICENSE WILL BE ISSUED FOR DOMESTIC FOR 1 FUTURE HOME AND THE IRRIGATION OF UP TO 1/2 ACRE AND FIRE PROTECTION.

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	0.040 CFS	1.20 AF
FIRE PROTECTION	01/01 to 12/31	0.200 CFS	
	<u>Totals:</u>	0.200 CFS	1.20 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

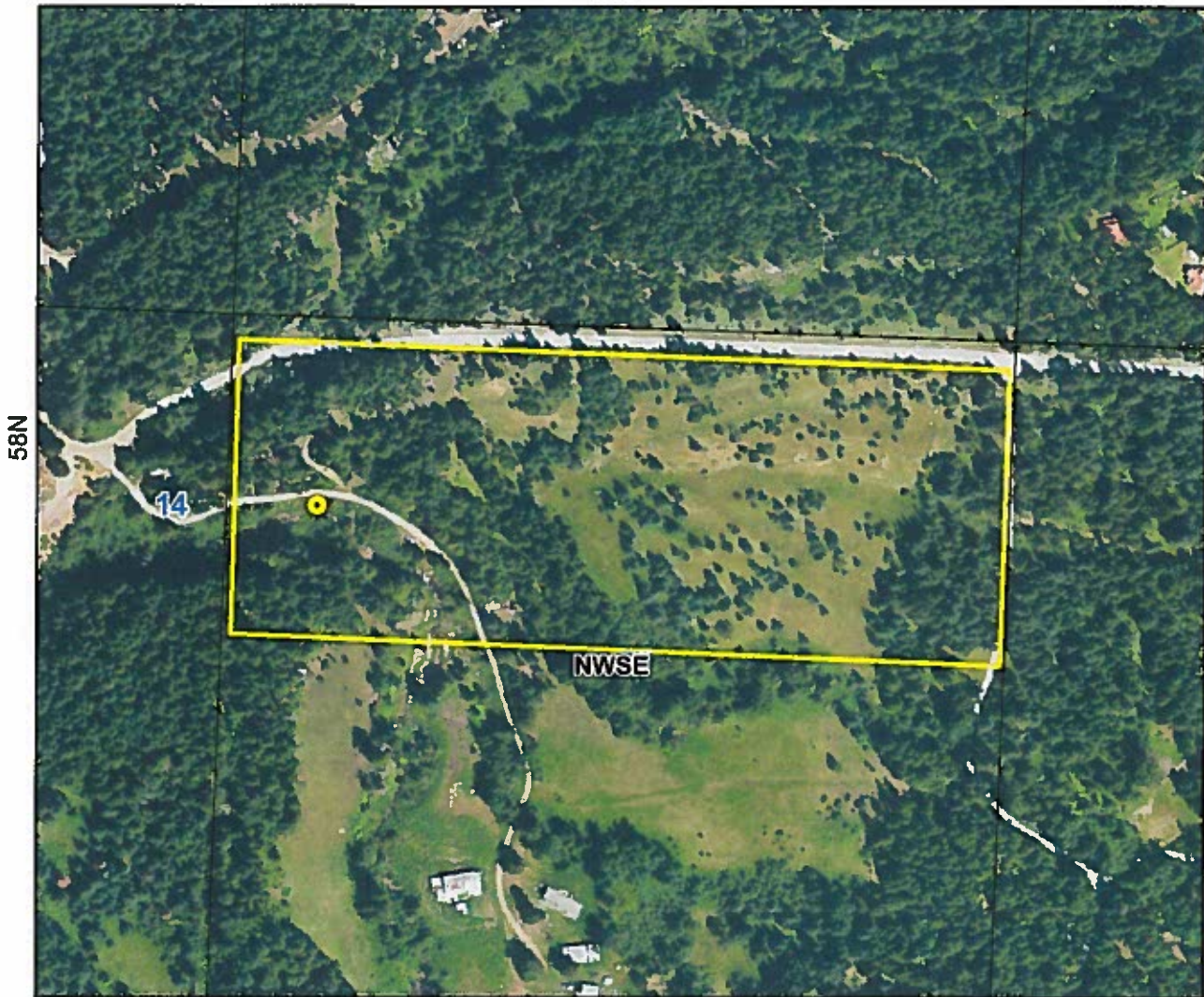
I. AUTHENTICATION

Field Examiner's Name Adam F. Smith Date 2-2-2016

Reviewer [Signature] Date 2-3-2016

State of Idaho
Department of Water Resources
Water Right License
96-9350

01E



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

0 0.0375 0.075 0.15 Miles



WATER RIGHTS 96-9350 & 96-9150 SPECS FOR WATER PUMP

Engine	GX160
Displacement	163cc
Bore and stroke	2.7" x 1.8"
Compression Ratio	9.0:1
Oil Alert	N/A
Pump type	High Pressure, Centrifugal, Self-priming
Volute	Rigid Mounted Cast Iron
Impeller	Cast Iron
Mechanical Seal (Pump case / impeller)	Carbon/Ceramic
Priming time	80 sec. at 16.4 ft.
Drive system	Direct
Discharge capacity	134 gals./min.
Suction port diameter	2" NPT
Discharge port diameter	2" NPT
Total head lift	141 ft.
Suction head lift	26 ft.
Maximum pressure	61 psi
Solids handling	N/A
Dimensions (LxWxH)	16.7" x 14.8" x 15.9"
Dry weight	52 lb.
Fuel Capacity	0.82 gal
Run Time @ Max Discharge	1.5 hr
Strainer Part #	78325-YB7-702
Residential Warranty	3 years
Commercial Warranty	3 years



96 9350



96-9250



96-9350