

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 22-13244

Exam Date: 5/7/2015

1. Current Owner: TETON VALLEY GOLF ASSOC
C/O HOPKINS FINANCIAL SERVICES
910 E CAROL
MERIDIAN ID 83646
(208)467-5467
2. Accompanied by: Allen Wilder
Phone No: (208) 456-2287
Address:
Relationship to Permit Holder: Water system operator

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

NE1/4NE1/4

Sec. 35, Twp 04N, Rge 45E, B.M.

TETON County

Method of Determination: GPS and aerial photography

2. PLACE OF USE: FIRE PROTECTION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
04N	45E	35	X	X		X													
04N	45E	36		X	X		X	X	X	X									

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	
04N	45E	35	X	X		X													
04N	45E	36		X	X		X	X	X	X									

Method of Determination: Aerial photography

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>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
<u>ID No.*</u>					
D0032735		125			
		25-30			

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>
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2. Measurements:

E. FLOW CALCULATIONS☐ Additional Computation Sheets Attached

Measured Method:

Flow rate measurement could not be done at the time of the field exam. Rate of diversion for this right is based off of flow measurements taken for fire flow purposes in 2010 and 2012. Fire flow measurement in 2010 was 1,050 gallons per minute and fire flow measurement in 2012 was 1,250 gallons per minute.

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:

0.6 acre-feet for in-house use

0.6 acre-feet for irrigation

192 homes x 1.2 acre feet = 230.4 acre-feet.

G. NARRATIVE/REMARKS/COMMENTS

Two submersible pumps in one well. Water delivery system provides water to 194 lots for domestic purposes and fire protection purposes. There are two large homes which are constructed on two sets of lots. Since each of the two homes is constructed on two lots, the volume calculation was based on 192 homes with irrigation. No flow measurement could be done during the exam. In 2010 and 2012 flow measurements were conducted for fire flow purposes. The observed rate in 2010 was 1,050 gallons per minute and the observed rate in 2012 was 1,250 gallons per minute. The rate of diversion requested under this right was 0.75 cfs for domestic purposes and 2.05 cfs for fire protection purposes. This right will be licensed for the requested diversion rates.

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>
FIRE PROTECTION	01/01 to 12/31	2.050 CFS	
DOMESTIC	01/01 to 12/31	0.750 CFS	230.4 AF
	<u>Totals:</u>	2.050 CFS	230.4 AF

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

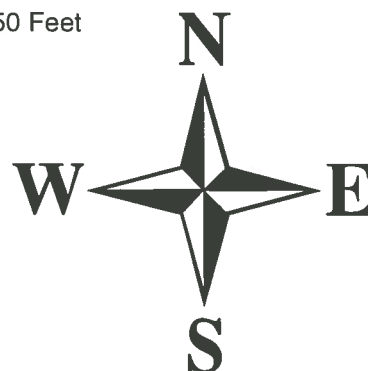
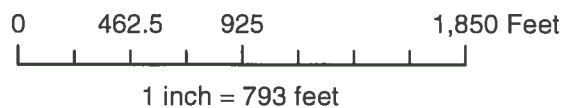
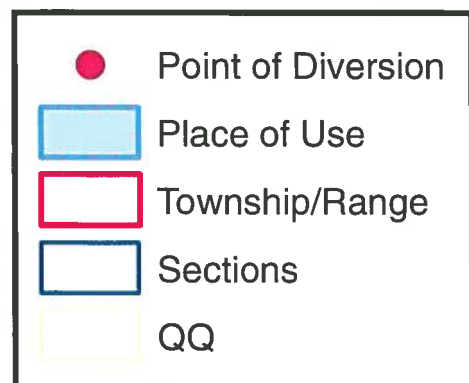
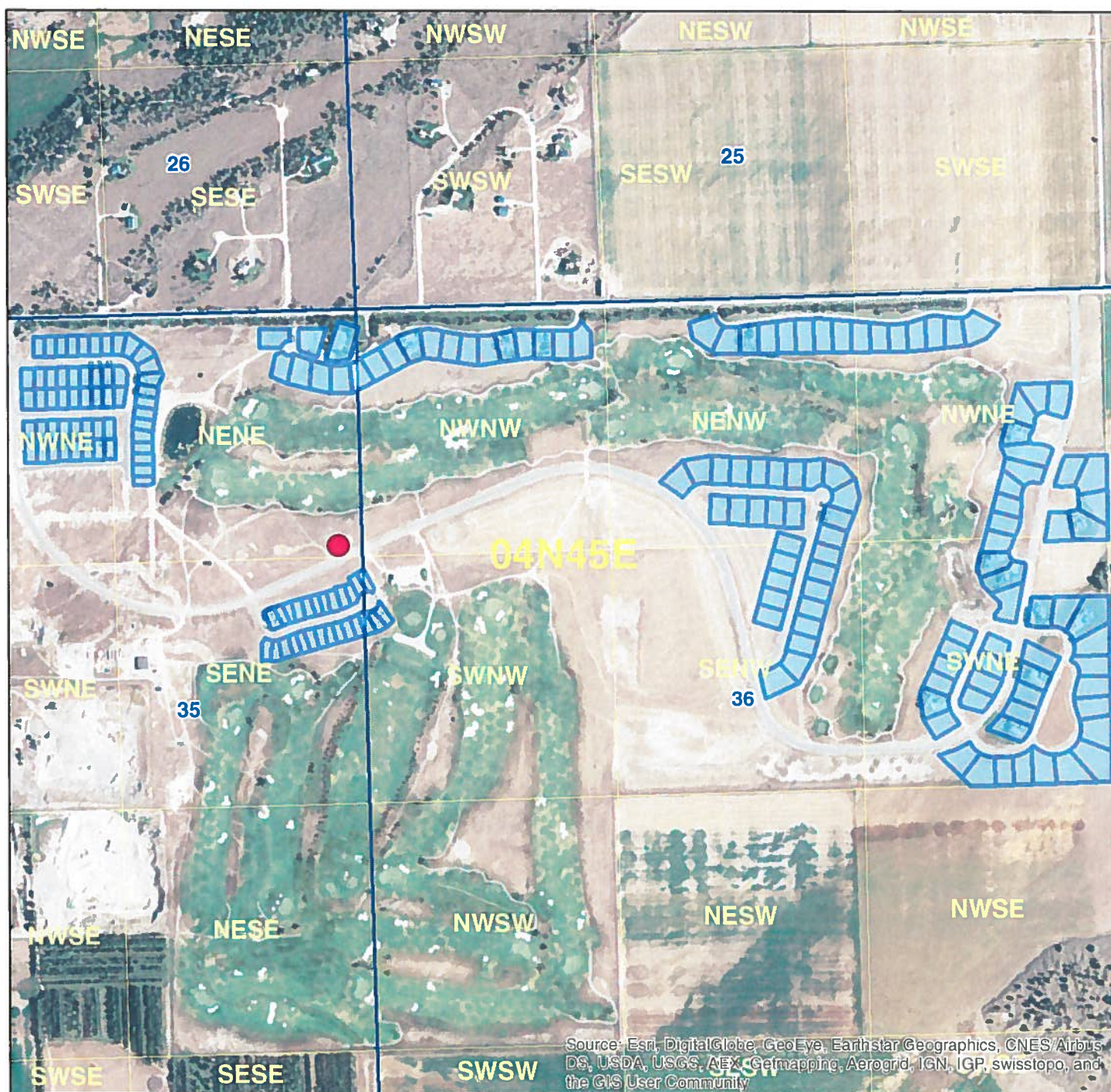
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name Blake Jordan Date 5/14/2015

Reviewer _____ Date _____

22-13244





Jordan, Blake

From: Allen Wilder [awilder@ida.net]
Sent: Thursday, May 14, 2015 9:27 AM
To: Jordan, Blake
Subject: Re: Discharge records for Teton Valley Golf Assoc
Attachments: fire flow 4-2010.jpg; fire flow 10-2012.jpg

Blake,

Here are the only records I could find for reserve flows(attached).

hope this helps

Allen Wilder
Wilder System Solutions
208-847-5822
awilder@ida.net

From: [Jordan, Blake](#)
Sent: Wednesday, May 13, 2015 2:54 PM
To: [Allen Wilder](#)
Subject: Discharge records for Teton Valley Golf Assoc

Hi Allen,

I am working on licensing the Teton Valley Golf permit and was wondering if you could send me any discharge records you have for the well.

Thanks,
Blake

Blake Jordan
Sr. Water Resource Agent
IDWR
(208)525-7161



FOREST LAKE LLC

P.O. Box 1185
Driggs, ID 83422

Phone (208) 354-2001
Fax (307) 353-8303
Cellular phone and voice mail (208) 705-7200
Email forestlk@tetontel.com

WATER FLOW CERTIFICATION

Test Date: APRIL 10, 2010

Testing Location TETON RESERVE 2 LOCATIONS
(ALSO CHECKED 11 HYDRANTS FOR WATER FLOW)

Type of Reservoir: PRESSURIZED SYSTEM

In compliance with Teton County Fire Protection Resolution for Subdivisions,
Article 2.3.8, the above named water source was tested. It is hereby certified that
the measured flow was 1,050 gallons per minute.

Grant Durtschi

Grant Durtschi, P.E.

Stamp



FOREST LAKE LLC

1392 N. 695 E
Shelley, ID 83474

Phone (208) 357-2001
Fax (208) 357-5212
Cellular phone and voice mail (208) 705-7200
Email grantdurtschi@yahoo.com

WATER FLOW CERTIFICATION

Test Date: OCT 20, 2012

Testing Location TETON RESERVE

Type of Reservoir: PRESSURIZED WATER SYSTEM

In compliance with Teton County Fire Protection Resolution for Subdivisions,
Article 2.3.8, the above named water source was tested. It is hereby certified that
the measured flow was 1250 gallons per minute.

Grant Durtschi
Grant Durtschi, P.E.

Stamp

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only		
Well ID No.	815292	
Inspected by		
Twp	Rge	Sec
1/4	1/4	1/4
Lat:	:	Long:

1. WELL TAG NO. D D0032735
DRILLING PERMIT NO. _____
Water Right or Injection Well No. 22-13244

2. OWNER:
Name Teton Reserve PAGE 1 of 2
Address PO Box 347
City Victor State ID Zip 83455

3. LOCATION OF WELL by legal description:

You must provide address or Lot, Blk, Sub. or Directions to well.

Twp. 4 North ☒ or South ☐
Rge. 45 East ☒ or West ☐
Sec. 35 1/4 N/E 1/4 N/E 1/4
Gov't Lot _____ County _____

Lat: _____ Long: Teton
Address of Well Site 11 East 600 South
City Victor
(Give at least 1 mile of road + Distance to Road or Landmark)
Lt. _____ Blk. _____ Sub. Name Teton Reserve

4. USE:

☐ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other domestic fire protection
public water (Replacement etc.)

5. TYPE OF WORK check all that apply

☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☐ Air Rotary ☒ Cable ☒ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
<u>bentonite grout</u>	<u>0</u>	<u>102</u>	<u>2 1/2 yd</u>	<u>pumped</u>

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 299'
Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>16</u>	<u>+2</u>	<u>299</u>	<u>375</u>	<u>steel</u>	☒	☐	☒	☐
<u>see page 2</u>					☐	☐	☐	☐

Length of Headpipe 15' Length of Tailpipe 14'
Packer ☒ Y ☐ N Type figure K

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method _____

Screen Type & Method of Installation Johnson 304 v wite

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
<u>see page 2</u>						☐	☐
						☐	☐

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method
<u>XXX</u>				

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

72 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: _____

12. WELL TESTS:

☒ Pump ☐ Bailor ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
<u>see attached</u>			

Water Temp. _____ Bottom hole temp. _____

Water Quality test or comments: _____

Depth first Water Encounter _____

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water	Y	N
<u>20</u>	<u>0</u>	<u>3</u>	<u>topsoil & rocks</u>			☒
	<u>3</u>	<u>110</u>	<u>pea gravel to boulders</u>			☒
<u>16</u>	<u>110</u>	<u>125</u>	<u>cemented gravel</u>		☒	
	<u>125</u>	<u>126</u>	<u>gravel</u>		☒	
	<u>126</u>	<u>142</u>	<u>cemented gravel</u>		☒	
	<u>142</u>	<u>148</u>	<u>clay</u>			☒
	<u>148</u>	<u>155</u>	<u>gravel</u>		☒	
	<u>155</u>	<u>156</u>	<u>clay</u>			☒
	<u>156</u>	<u>205</u>	<u>cemented gravel</u>		☒	
	<u>205</u>	<u>219</u>	<u>brown clay</u>			☒
	<u>219</u>	<u>242</u>	<u>gravel</u>		☒	
	<u>242</u>	<u>248</u>	<u>brown clay</u>			☒
	<u>248</u>	<u>255</u>	<u>gravel</u>		☒	
	<u>255</u>	<u>320</u>	<u>compacted gravel</u>		☒	
	<u>320</u>	<u>345</u>	<u>pea gravel</u>		☒	
	<u>345</u>	<u>376</u>	<u>gravel</u>		☒	
	<u>376</u>	<u>382</u>	<u>clay</u>			☒
	<u>382</u>	<u>397</u>	<u>gravel</u>		☒	
	<u>397</u>	<u>400</u>	<u>clay</u>			☒
	<u>400</u>	<u>420</u>	<u>pea gravel</u>		☒	
	<u>420</u>	<u>427</u>	<u>gravel</u>		☒	
	<u>427</u>	<u>428</u>	<u>clay</u>			☒
	<u>428</u>	<u>475</u>	<u>gravel</u>		☒	
	<u>475</u>	<u>484</u>	<u>clay</u>			☒
	<u>484</u>	<u>500</u>	<u>gravel</u>		☒	
	<u>500</u>	<u>504</u>	<u>clay</u>			☒

RECEIVED

AUG 09 2004

WATER RESOURCES
WESTERN REGIONCompleted Depth 504 (Measurable)Date: Started 6/4/04 Completed 8/6/04

14. DRILLER'S CERTIFICATION

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

Company Name Stevens & Sons Firm No. 153Principal Driller Ron Stevens Date 8/6/04

and Driller or Operator II _____ Date _____

Operator I _____ Date _____

Principal Driller and Rig Operator Required

Operator I must have signature of Driller/Operator II.