

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-9002

Exam Date: 9/25/13

1. Current Owner: PRAIRIE GOLF LLC
3200 SPOKANE ST
POST FALLS ID 83854
(208)457-0210
2. Accompanied by: **TOM CORKERY**
Phone No: **773-8456**
Address: **—**
Relationship to Permit Holder: **GREEN'S KEEPER**

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

NW1/4SE1/4

Sec. 27, Twp 51N, Rge 05W, B.M.

KOOTENAI County

Method of Determination:

47°44' 15.4" - 116°56' 43.1"

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	
51N 05W 27	13.0	34.0	31.0										18.0	27.0	4.0	13.0	130.0
	16	31	22										24	16	7	14	

Total Acres: 130

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.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
D6759	SUBMERSIBLE	75	UNKNOWN		

*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
PUMP METER						

2. Measurements:

550 GPM

$$\frac{550}{448.8} = 1.23 \text{ cfs}$$

E. FLOW CALCULATIONS

Measured Method:

$$\frac{550}{448.8} = 1.23 \text{ cfs}$$

____ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 130 \times 3 = 390 \text{ AF}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 1.23 \times 246 \times 1.9835 = 600 \text{ AF}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 390 \text{ AF}$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

PUMP FROM WELL TO POND WHICH SUPPLIES
LOWER POND IRRIGATION FROM PONDS DURING EVENING

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

BENEFICIAL USE	PERIOD OF USE	DIVERSION RATE	ANNUAL VOLUME
IRRIGATION	3/15 to 11/15	1.560 CFS 1.23 cfs	390 AF
Totals:		1.560 CFS 1.23 cfs	

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

Reviewer

Date

Date

9/20/07
9/28/07

95-9002

T51N R5W Section 27



Place of Use



Point of Diversion



SESW

SWSE

SESE

SWSW

NENW

NWNE

NENE

NWNW

SENW

SWNE

SENE

SWNW

NESW

NWSE

NESE

NWSW

SESW

SWSE

SESE

SWSW

NENW

NWNE

NENE

NWNW

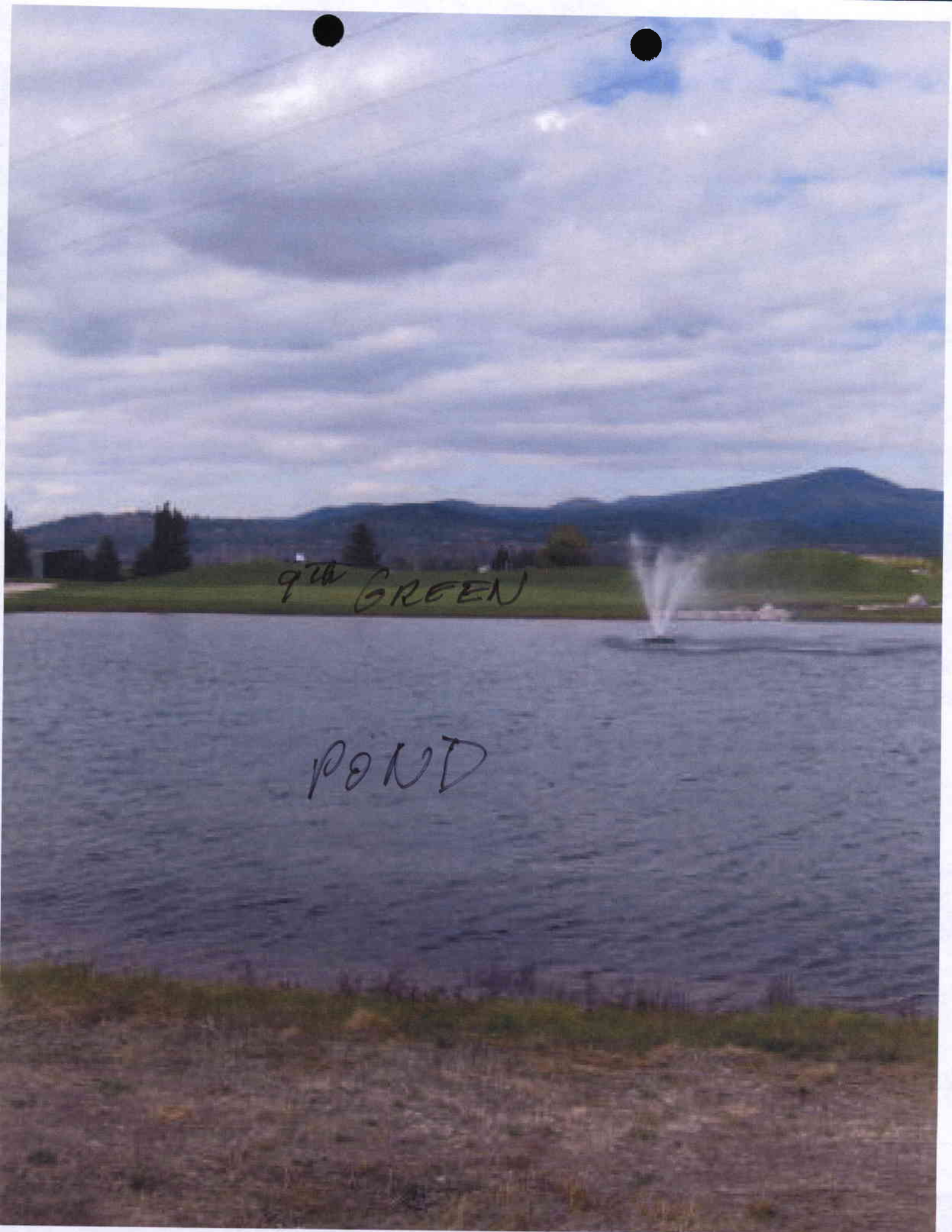
**PUMP EQUATIONS
WATER RIGHT No.**

95-9002

	HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q = $HP \cdot 8.8 \cdot \text{Eff} / H$	75	294	0.7	294	0

Q = **1.574 cfs**





9th GREEN

POND