

IDAHO DEPARTMENT OF WATER RESOURCES
Water Right Report 37-22821

WATER RIGHT NUMBER: 37-22821

<u>Owner Type:</u>	<u>Name and Address</u>
Current Owner	MARION R ROSENTHAL 1902 ASSOCIATION DR RENTON, VA 20191 (703)522-2300
Current Owner	ROBERT M ROSENTHAL 1902 ASSOCIATION DR RENTON, VA 20191 (703)522-2300
Original Owner	HARRY S RINKER PO BOX 7250 NEWPORT BEACH, CA 92658-7250 (714) 979-8300

Priority Date: 8/12/1980

Basis: License

Status: Active

<u>Source:</u>	<u>Tributary:</u>
GROUND WATER	N/A

<u>Beneficial Use:</u>	<u>From / To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
FIRE PROTECTION	01/01 to 12/31	0.030 CFS	
	<u>Total Diversion</u>	0.030 CFS	

Location of Point(s) of Diversion:

GROUND WATER SWNW Sec. 27, Twp 04N, Rge 18E B.M. BLAINE County

Place of Use:

FIRE PROTECTION within BLAINE County

			NE				NW				SW				SE				Totals
Twp	Rge	Sec	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
04N	18E	27							X										

Conditions of Approval:

- 077 Water shall not be diverted for fire protection use under this right except to fight or repel an existing fire.
- R05 Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 37.

Comments:

- shemenway 3/28/2013 12:00:00 AM Ownership
Comment: Tax Lot information updated on 3/10/2012 confirms same owner and address as that on the address change (see 3/6/2013 email in file); The current owner owns 238.1 acres, with the physical address being 600 Juniper Rd., Sun Valley, ID 83353.
- Renumber 3/28/2013 12:00:00 AM Split from 37-7846
Comment: Well 2, or pond well, is used for the fire protection. Well 2 and the pond are an independent systems from well 1, which is associated with water right 37-7846. For this reason, Well 2 was split off and assigned water right number 37-22821.
- shemenway 4/18/2013 12:00:00 AM POU Overlap
Comment: 37-7846 domestic/irrigation from a different groundwater source. 37-4439 stockwater from a spring.
- shemenway 4/18/2013 12:00:00 AM POD Overlap

Comment: None. 37-7846 groundwater source, from a different well. 37-4439 spring source.

5. shemenway 4/18/2013 9:08:52 AM POU

Comment: Updated Shape

6. shemenway 4/18/2013 9:09:11 AM POU

Comment: Updated PLS

7. shemenway 4/18/2013 12:00:00 AM Field Report Narrative

Comment: This narrative is made up from notes in the 1/14/2013 field examination, and phone conversation from the field examiner. The system consists of a 1 Hp Berkeley submersible 10MG12-10, set at 294 ft, draw down 22 ft, 8 inch casing (determined to only extend <4 inches above ground level), 660 ft deep, drilled 11/18/1983 by Walker Water No. 15. At the time of the field examination, no physical measurement was collected due to the well was off and the pond was drained so the owner could replace the pond liner (to eliminate seepage loss). There is a buried 2 inch PVC line running from the well down to the pond (open discharging to the pond). The pond is circular, with a 50 ft diameter and an average depth of 6.8 ft. On the north side of the pond is located a hydrant where the fire department can hook up to (unknown discharge size) that withdraws water directly from the pond in the event of a fire.

8. shemenway 4/18/2013 9:29:56 AM POD

Comment: Updated Shape

9. shemenway 4/18/2013 9:30:15 AM POD

Comment: Updated PLS

10. shemenway 4/18/2013 12:00:00 AM CFS

Comment: The field examination report states that at the time of the exam, the well was off, and the pond dry to allow the owner to replace the pond liner. For this reason a physical measurement was not obtained by the examiner, and the following calculations are used to determine the diversion rate:

Field Exam pump curve: $12.5 \text{ gpm} \times 0.00223 = 0.03 \text{ cfs}$

Well Driller Report: 0.02 cfs

2 inch pipe conversion for the buried 2 inch PVC from the well to the pond: 0.11 maximum capacity

Theoretical:

$(8.8 \times 1 \text{ Hp} \times 0.7 \text{ eff}) / [22 \text{ ft lift} + (30 \text{ psi estimated} \times 2.31)] = 0.07 \text{ cfs}$

RECOMMEND:

Fire Protection 0.03 cfs as stated on the pump curve, unless it can be demonstrated that the system is capable of producing more.

Dates and Other Information:

Owner Name Connector: And

Water District Number: 37

Mitigation Plan: False

Combined Use Limits: N/A

SubCase: N/A

Water Supply Bank: N/A