



THE STATE OF NEVADA

PERMIT TO CHANGE THE PUBLIC WATERS OF THE STATE OF NEVADA HERETOFORE APPROPRIATED

Name of Permittee: WASHOE COUNTY
Source: UNDERGROUND
Basin: WARM SPRINGS VALLEY
Manner of Use: COMMERCIAL
Period of Use: JANUARY 1ST TO DECEMBER 31ST
Priority Date: 02/28/1972

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit to change the point of diversion, place and manner of use of the waters of an underground source as heretofore granted under Permit 77122 is issued subject to the terms and conditions imposed in said Permit 77122 and with the understanding that no other rights on the source will be affected by the change proposed herein. This well shall be equipped with a two (2) inch opening for measuring depth to water and a totalizing meter must be installed and maintained in the discharge pipeline near the point of diversion and accurate measurements must be kept of water placed to beneficial use. The totalizing meter must be installed before any use of the water begins or before the proof of completion of work is filed. If the well is flowing, a valve must be installed and maintained to prevent waste. This source is located within an area designated by the State Engineer pursuant to NRS 534.030. The State retains the right to regulate the use of the water herein granted at any and all times.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

This permit is approved for the entire 5.00 acre-feet annually as requested. However, pursuant to NRS 533.3703, initially only the net consumptive use amount of the base right, 4.13 acre-feet, can be diverted annually. Additional diversion up to the total 5.00 acre-feet may be granted if it can be shown that the additional diversion will not cause the consumptive use of 4.13 acre-feet to be exceeded.

(Continued on Page 2)

The point of diversion and place of use are as described on the submitted application to support this permit.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **and not to exceed 0.0357 cubic feet per second or 5.0 acre-feet annually.**

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before:

December 29 2012

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before:

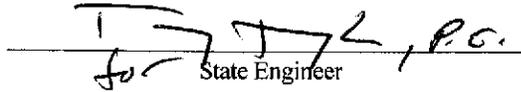
December 29 2016

Map in support of proof of beneficial use shall be filed on or before:

N/A

IN TESTIMONY WHEREOF, I, JASON KING, P.E.,

State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 29th day of **December**, A.D. **2011**



State Engineer

Completion of work filed _____

Proof of beneficial use filed _____

Cultural map filed _____

Certificate No. _____ Issued _____

APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER OF USE AND PLACE OF USE OF THE PUBLIC WATERS OF THE STATE OF NEVADA HERETOFORE APPROPRIATED

THIS SPACE FOR OFFICE USE ONLY
Date of filing in State Engineer's Office JAN 10 2011
Returned to applicant for correction _____
Corrected application filed _____ Map filed APR 08 2010 under 79768

The applicant Ronald L. Olson Revocable Trust of 2006
1760 Manzanita Lane of Reno
Street Address or PO Box City or Town
Nevada 89509 hereby make(s) application for permission to change the
State and ZIP Code

Point of diversion Place of use Manner of use of a portion
of water heretofore appropriated under (Identify existing rights by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and identify right in Decree.)
Permit 77122

1. The source of water is Underground
Name of stream, lake, underground, spring or other sources.

2. The amount of water to be changed 0.0357 cfs, 5.00 acre feet annually
~~0.0357~~ cfs, 5.00 acre feet annually
Second feet, acre-feet. One second foot equals 448.83 gallons per minute. *AGB 1/12/11*

3. The water to be used for Commercial
Irrigation, power, mining, commercial, etc. If for stock, state number and kind of animals. Must limit to one major use

4. The water heretofore used for Irrigation and domestic
If for stock, state number and kind of animals.

5. The water is to be diverted at the following point (Describe as being within a 40-acre subdivision of public survey and by course and distance to a found section corner. If on unsurveyed land, it should be stated.)
within the SE 1/4 of the NE 1/4 of Section 6, T.22N., R.21E., M.D.M., or at a point from which the east 1/4 corner of said Section 6 bears South 32°46'50" East a distance of 606.57 feet. See map supporting Applications 79768 & 79769.

6. The existing point of diversion is located within (If point of diversion is not changed, do not answer.)
within the SE 1/4 of the SE 1/4 of Section 1, T21N., R.21E., M.D.M., or at a point from which the SE section corner of said Section 1 bears South 48°30' East a distance of 715 feet. See map supporting Application 77122.

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7. Proposed place of use (Describe by legal subdivisions. If for irrigation, state number of acres to be irrigated.)

Portions of the SE 1/4 NE 1/4 and the NE 1/4 SE 1/4 of Section 6, T.22N., R.21E., M.D.M., within Washoe County Assessor's Parcel Number 076-242-05. See map supporting Applications 79768 & 79769.

8. Existing place of use (Describe by legal subdivisions. If changing place of use and/or manner of use of irrigation permit, describe acreage to be removed from irrigation.)

A 1.25-acre portion of the SE 1/4 of the SE 1/4 of Section 1, T.21N., R.21E., M.D.M., within Washoe County Assessor's Parcel Number 77-190-10. See map supporting Application 77122.

9. Proposed use will be from January 1 to December 31 of each year.
Month and Day Month and Day

10. Existing use permitted from January 1 to December 31 of each year.
Month and Day Month and Day

11. Description of proposed works. (Under the provision of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e., diversion structure, ditches, pipes and flumes or drilled well, pump and motor, etc.)

Existing 12" diameter drilled well, pump, meter and distribution system.

12. Estimated cost of works Works are existing.

13. Estimated time required to construct works N/A

If well completed, describe well.

14. Estimated time required to complete the application of water to beneficial use 5 years

15. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

This water, along with that in Applications to Change Permit Nos. 75550 & 75551 (filed this same date), will be used to support a commercial equestrian center. See attached fixture count worksheet for estimated use.

16. Miscellaneous remarks:

The applications filed for this point of diversion have a total combined duty of 15.95 acre feet annually.

Debra D. Maurer, CST

DMAurer@TriStateLtd.com

E-mail Address

(775) 358-9491

Phone No.

Type or print name clearly



Signature, applicant or agent

Tri State Surveying, Ltd.

Company Name

1925 East Prater Way

Street Address or PO Box

Sparks, NV 89434

City, State, ZIP Code

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

STATE ENGINEERS OF NV
2011 JAN 10 PM 3:46

Revised 07/09

\$200 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

RECEIVED

80400

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Reno, Nevada 89511
Phone: 1-775-826-6061
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Email: bryan@aspenreno.com

ASPEN ENGINEERING

October 21, 2010

**New Equestrian Facility for Springwood Ranch
Ironwood Road & Whiskey Springs Road
Water Connection Fees Calculations**

Per Washoe County's weighted fixture table:

Water

Indoor Arena

<u>Fixture Type</u>	<u>Qty</u>	<u>F.U.</u>	<u>Total</u>
HB-1	8	2.5	20.0
HB-2	6	2.5	15.0
HB-3	5	2.5	12.5
LAV-1	7	1.0	7.0
UR-1	2	2.0	4.0
WC-1	1	2.5	2.5
WC-2	4	2.5	10.0
WC-3	2	2.5	5.0
SHR-1	1	2.0	2.0
SS-1	1	2.0	2.0
DF-1	1	0.5	0.5
KS-1	1	4.0	4.0
S-1	2	2.0	4.0
US-1	4	2.0	8.0
US-2	2	2.0	4.0
WASHER	1	14.0	14.0
			114.5

Outdoor Arena

<u>Fixture Type</u>	<u>Qty</u>	<u>F.U.</u>	<u>Total</u>
Hose Bibb	2	2.5	5.0

Bungalow

<u>Fixture Type</u>	<u>Qty</u>	<u>F.U.</u>	<u>Total</u>
Hose Bibb	2	2.5	5.0
Water Closet	1	2.5	2.5

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Lavatory	1	1.0	1.0
Bathtub	1	4.0	4.0
Shower	1	2.0	2.0
Kitchen Sink	1	4.0	4.0
Laundry Sink	1	2.0	2.0
Dishwasher	1	4.0	4.0
Clothes Washer	1	14.0	14.0
			38.5

Hay Storage (south)

<u>Fixture Type</u>	<u>Qty</u>	<u>F.U.</u>	<u>Total</u>
Hose Bibb	2	2.5	5.0
Water Closet	2	2.5	5.0
Lavatory	2	1.0	2.0
			12.0

Hay Storage (north)

<u>Fixture Type</u>	<u>Qty</u>	<u>F.U.</u>	<u>Total</u>
Hose Bibb	1	2.5	2.5
Water Closet	2	2.5	5.0
Lavatory	2	1.0	2.0
			9.5

Watchman's Quartershed

<u>Fixture Type</u>	<u>Qty</u>	<u>F.U.</u>	<u>Total</u>
Water Closet	1	2.5	2.5
Lavatory	1	1.0	1.0
			3.5

Misc Hose Bibbs

<u>Fixture Location</u>	<u>Qty</u>	<u>F.U.</u>	<u>Total</u>
Wash Rack	1	2.5	2.5
Trailer Parking	4	2.5	10.0
Cattle Pens	1	2.5	2.5
Paddocks	6	2.5	15.0
			30.0

Fixture Totals

<u>Fixture Location</u>	<u>Qty</u>	<u>F.U.</u>	<u>Total</u>
Indoor Arena	1	114.5	114.5
Outdoor Arena	1	5.0	5.0
Bungalow	2	38.5	77.0
Hay Storage (south)	1	12.0	12.0
Hay Storage (north)	1	9.5	9.5
Watchman's Quarters	1	3.5	3.5
Misc Hose Bibbs	1	30.0	30.0
			251.5

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Water Rights Calculations

251.5 fixture units x 20 gals/day/fixture unit x 365 days = 1,835,950 gals/yr

44 horse stalls x 20 gals/day/horse stall x 365 days = 321,200 gals/yr

1,835,950 + 321,200 = **2,157,150 gals/yr**

2,157,150 gals/yr / 325,852 gals/acre feet = **6.62** acre feet/yr

~~6.56~~ ^{6.62} acre feet/yr / 0.43 correction factor = **15.40** acre feet

From the calculations above the total required acre feet worth of water right to be purchased for the above mentioned project is 15.40 acre feet.

Bryan Tilton



Aspen Engineering

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11-0-10