



THE STATE OF NEVADA

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

Name of Permittee: SOUTHERN NEVADA WATER AUTHORITY
Source: UNDERGROUND (SPR 70351)
Basin: SPRING VALLEY
Manner of Use: IRRIGATION AND DOMESTIC
Period of Use: JANUARY 1ST THROUGH DECEMBER 31ST
Priority Date: 02/05/1969

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 and place of use of a portion of the waters of an underground source as heretofore granted under Permit 79724, is issued subject to the terms and conditions imposed in said Permit 79724 and with the understanding that no other rights on the source will be affected by the change proposed herein. The well shall be equipped with a 2-inch opening 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. The State retains the right to regulate the use of the water herein granted at any and all times.

The total combined duty of water under Permit 920, Certificate 866; Permit 15812, Certificate 4808; Permit 17163, Certificate 4810; Permit 20817, Certificate 6777; Permit 22545, Certificate 7571; Permit 26228, Certificate 8363; Permit 26229, Certificate 8364; Permit 26502, Certificate 9300; Permit 26546, Certificate 8365; Permit 26952, Certificate 8366; Permit 26953, Certificate 8367; Permit 29162, Certificate 10107; Permit 34727, Certificate 11889; Permit 50772, Certificate 14454; Permits 78107, 85107, 85108, 85109, 85110, and 85111 shall not exceed 3,504.29 acre-feet annually for the irrigation of 876.0725 acres within the described place of use known as the Herbecke Ranch.

The permittee shall keep monthly records of the amount of water pumped from this well and the records submitted to the State Engineer on an annual basis by February 15th of each year.

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.

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

(Continued on Page 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, not to exceed 0.071858 cubic feet per second or 51.996 acre-feet annually, and is limited to 4.0 acre-feet per acre from all sources.

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

October 25 2017

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

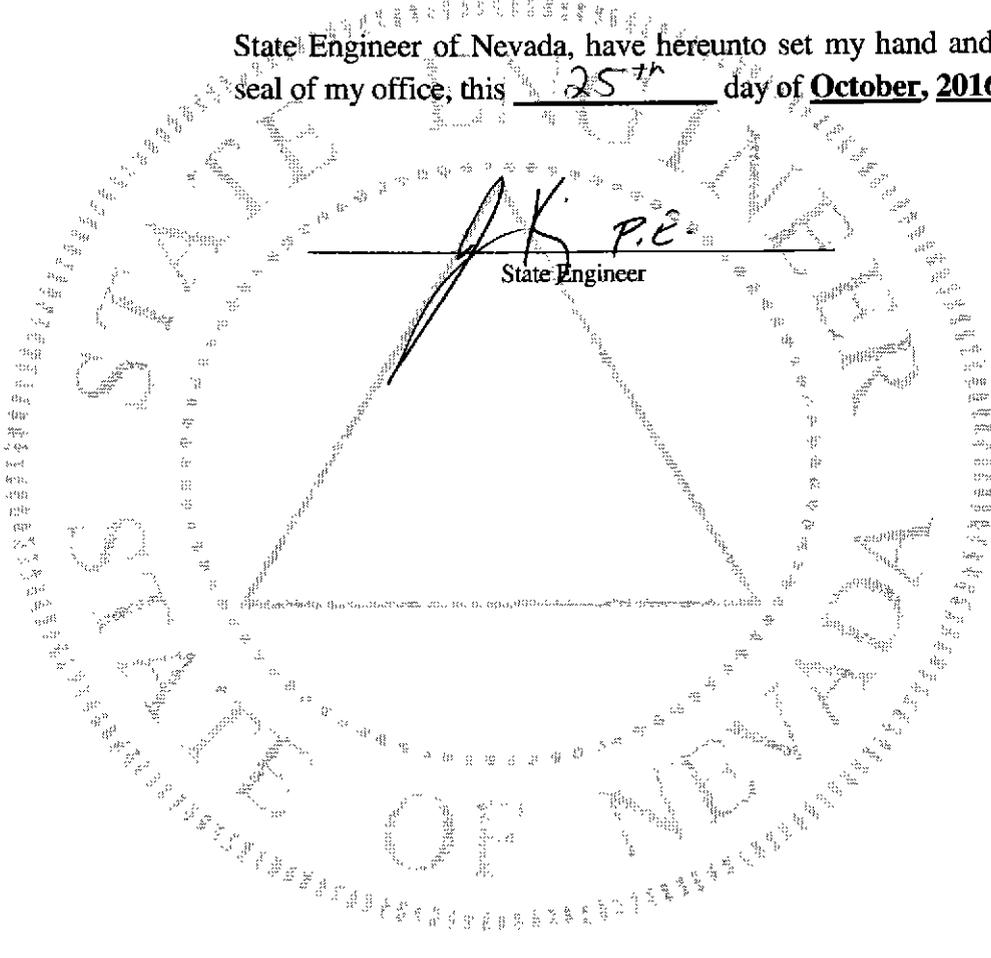
October 25 2018

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 25th day of October, 2016



J. King
P.E.
State Engineer

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 APR 24 2015

Returned to applicant for correction _____

Corrected application filed _____ Map filed FEB 02 2012 Under 81548T

The applicant Southern Nevada Water Authority
1001 S. Valley View Blvd., MS #485 of Las Vegas
Street Address or PO Box City or Town
Nevada 89153 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 79724

- The source of water is Underground Source
Name of stream, lake, underground, spring or other sources.
- The amount of water to be changed 0.071858 c.f.s., 51.996 AFA
Second feet, acre-feet. One second foot equals 448.83 gallons per minute.
- The water to be used for Irrigation and Domestic
Irrigation, power, mining, commercial, etc. If for stock, state number and kind of animals. Must limit to one major use
- The water heretofore used for Irrigation and Domestic
If for stock, state number and kind of animals.
- 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 NW¼ SW¼ of Section 15, T. 13 N., R. 67 E., M.D.B.&M. or at a point from which the NE corner of Section 22, T. 13 N., R. 67 E., M.D.B.&M. bears S. 59° 49' 1.2" E., a distance of 4,617.68 feet. See Map Filed with T-81548. POD = SPR 70351
- The existing point of diversion is located within (If point of diversion is not changed, do not answer.)
within the SE 1/4 NW 1/4 of Section 26, T. 13 N., R. 67 E., M.D.B.&M., or at a point from which the NE corner of Section 27, T. 13 N., R. 67 E., M.D.B.&M. bears north 47° 28' 22.8" west, a distance of 2,046.0 feet. POD = Wahoo No. 3 (See map filed with 79712).

10-184
WP

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

12.999 Acres within the Proposed Place of Use. Please see Attachment "B" and Map accompanying Application 78107.

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.)

within portions of the NW 1/4 Section 26, E 1/2 and E1/2 NW 1/4 Section 27, NE 1/4 Section 34, all in T. 13 N., R. 67 E., M.D.B.&M. (See map filed with 79712).

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

10. Existing use permitted from January 1st to December 31st 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.)

No additional works proposed at this time.

12. Estimated cost of works \$0.00

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 2 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.)

Currently, Wahoo Ranch has excess water rights available to transfer neighboring Harbecke Ranch due to changes in irrigation practices at Wahoo Ranch. In past years, temporary applications have been filed to balance water rights within Harbecke and Wahoo Ranches. This application is intended to permanently move a portion of water rights from Wahoo Ranch to Harbecke Ranch, where it can be used beneficially. All works have already been completed at this time.

16. Miscellaneous remarks:

Per analysis, excess water rights are available at Wahoo No. 3 to transfer to new well SPR 70351 at bordering Harbecke Ranch. In previous irrigation seasons, temporary applications have been filed to transfer water rights to SPR 70351. This application will permanently transfer 51.996 AFA from the TCD term of Permit 79724 to SPR 70351. See Attachment "A".

zane.marshall@snwa.com

E-mail Address

(702) 862-3713

Phone No.

Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Zane L. Marshall

Zane L. Marshall
Type of print name clearly

Signature, applicant or agent

Southern Nevada Water Authority

Company Name

1001 S. Valley View Blvd. MS #485

Street Address or PO Box

Las Vegas, NV 89153

City, State, ZIP Code

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Attachment "A"

Well Name	Application	Current			Proposed Changes			After Proposed Changes			Actions of Change Applications Being Filed
		Diversion (cfs)	Duty (AFA)	Total Combined Duty (AFA)	Diversion (cfs)	Duty (AFA)	Total Combined Duty (AFA)	Diversion (cfs)	Duty (AFA)	Total Combined Duty (AFA)	
Wahoo No. 1	79712	1.38	921.12		0	0	0	1.38	921.12		File new Appropriation (Diversion Rate Only) for 0.34 additional CFS at Wahoo No. 1.
	79721	0.027	1.2		0	0	0	0.027	1.2		
	-	0	0		+0.34	0	0	+0.34	0		
Wahoo No. 2	79725	1.3	240		0	0	0	1.3	240		
	79719	0.99	362.124	2,462.4	-0.7	-256.047	0	0.29	106.077		Transfer 0.7 cfs [256.047 AFA] (portion) from 79719 to SPR 70331
Wahoo No. 3	79724	0.856	619.4		-0.071858	-51.996	0	0.784142	567.404	2,410.404	Transfer 0.071858 cfs [51.996 AFA] (portion) from 79724 to Harbecke Ranch (SPR 70351).
	79720	0.99	362.124		0	0	0	0.99	362.124		
Grand Dad	79722	1.115	807.15		-0.30	-217.17	0	0.82	589.98		Transfer 0.30 cfs [217.17 AFA] (portion) from 79722 to SPR 70321
	79723	2.45	575.832		-0.96	-225.63	0	1.49	350.202		Transfer 0.96 cfs [225.63 AFA] (portion) from 79723 to SPR 70321
SPR 70321	-	0	0		+1.26	+442.8	0	1.26	442.8		
SPR 70331	-	0	0		+0.7	+256.047	0	0.7	256.047		
To be Transferred to Neighboring Harbecke Ranch from Permit 79724	-	0	0		+0.071858	+51.996	-51.996	0.071858	51.996	51.996	

Note: Request combined duty of 2,410.404 AFA to irrigate 602.601 acres within proposed place of use. All water will be co-mingled in a communal water system of pipes to irrigate within the place of use.

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Attachment "B "

Proposed Place of Use

SECTION 15, T. 13 N., R. 67 E., M.D.B.&M.NW 1/4 SW 1/4 , PORTION OF SW 1/4 SW 1/4, PORTION OF SE 1/4 SW 1/4,
PORTION OF SW 1/4 SE 1/4**SECTION 16, T. 13 N., R. 67 E., M.D.B.&M.**NE 1/4 SW 1/4, PORTION OF SE 1/4 SW 1/4, N 1/2 SE 1/4 , PORTION OF SW 1/4 SE
1/4, PORTION OF SE 1/4 SE 1/4**SECTION 21, T. 13 N., R. 67 E., M.D.B.&M.**

NE 1/4, E 1/2 NW 1/4, NE 1/4 SE 1/4

SECTION 22, T. 13 N., R. 67 E., M.D.B.&M.SW 1/4 NE 1/4 , W 1/2 , PORTION OF NW 1/4 NE 1/4, PORTION OF NE 1/4 SE 1/4,
W 1/2 SE 1/4, SE 1/4 SE 1/4RECEIVED
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