

**THE STATE OF NEVADA****PERMIT TO APPROPRIATE WATER**

**Name of Permittee:** SOUTHERN NEVADA WATER AUTHORITY  
**Source:** UNDERGROUND  
**Basin:** DELAMAR VALLEY  
**Manner of Use:** MUNICIPAL AND DOMESTIC  
**Period of Use:** JANUARY 1ST THROUGH DECEMBER 31ST  
**Priority Date:** 10/17/1989

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**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 is issued pursuant to State Engineer's Ruling No. 6167 dated March 22, 2012.

This permit is issued subject to existing rights. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level. This well shall be equipped with a two (2) inch opening for measuring depth to water. If the well is flowing, a valve must be installed and maintained to prevent waste. 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 water begins or before the Proof of Completion of Work is filed. The State retains the right to regulate the use of the water granted herein at any and all times.

The well must be sealed with cement grout, concrete grout or neat cement from ground level to 100 feet.

The total combined duty of water under Permits 53991 and 53992 shall not exceed 6,042 acre-feet annually.

This application is granted conditioned upon the applicant's compliance with the approved Hydrologic Monitoring and Mitigation Plan and the Biological Monitoring Plan. Prior to the permittee exporting any groundwater resources from Delamar Valley a minimum of two years of hydrologic and biological baseline data shall be collected by the permittee in accordance with these plans. The State retains the right to amend these plans at any time.

The permittee shall update a computer groundwater flow model approved by the State Engineer; once before groundwater development begins, and at a minimum of every five years thereafter, and provide predictive results for 10-year, 25-year and 100-year periods.

Monthly records shall be kept of the amount of water pumped from this well and those records shall be submitted to the State Engineer on a quarterly basis. The permittee shall file an annual report with the State Engineer by March 31st of each year, detailing the findings of the approved hydrologic and biological plans.

(Continued on Page 2)

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.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, **and not to exceed 10.0 cubic feet per second or 6,042 acre-feet annually.**

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

October 11 2017

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

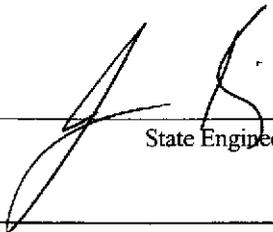
October 11 2022

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 11th day of **October, 2012**

 P.E.  
\_\_\_\_\_  
State Engineer

Completion of work filed \_\_\_\_\_

Proof of beneficial use filed \_\_\_\_\_

Cultural map filed \_\_\_\_\_

Certificate No. \_\_\_\_\_ Issued \_\_\_\_\_



# THE STATE OF NEVADA

## PERMIT TO APPROPRIATE WATER

Name of applicant: SOUTHERN NEVADA WATER AUTHORITY  
Source: UNDERGROUND  
Basin: DELAMAR VALLEY  
Manner of Use: MUNICIPAL  
Period of Use: January 1st to December 31st  
Priority Date: 10/17/1989

\*\*\*\*\*

~~APPROVAL OF STATE ENGINEER~~ Vacated by Court Order 10/19/09

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 is issued subject to existing rights. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level. This well shall be equipped with a two (2) inch opening for measuring depth to water. If the well is flowing, a valve must be installed and maintained to prevent waste. 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 water begins or before the Proof of Completion of Work is filed.

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

The total combined duty of water under Permits 53991 and 53992 shall not exceed 2,493 acre-feet annually.

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 granted subject to Ruling 5875 and shall include the following:

1. A monitoring program and mitigation program approved by the State Engineer prior to the export of any water.
2. A minimum of two (2) years of biological and hydrological baseline data shall be collected and approved by the State Engineer prior to the Permittee exporting any of the ground-water resources from Delamar under Permits 53991 and 53992.
3. After approval of the monitoring program and mitigation plan, the Permittee will file an annual report with the State Engineer by March 15th of each year detailing the findings of the monitoring and mitigation plan.
4. If pumpage impacts existing rights, conflicts with the protectable interests in existing domestic wells as set forth in NRS Section 533.024, threatens to prove detrimental to the public interest or is found to not be environmentally sound the Permittee will be required to curtail pumpage and/or mitigate the impacts to the satisfaction of the State Engineer.

(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 10.0 cubic feet per second or 2,493 acre-feet annually.**

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

September 19, 2013

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

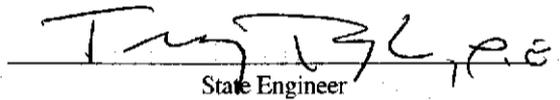
September 19, 2018

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

N/A

IN TESTIMONY WHEREOF, I, TRACY TAYLOR, P.E.,

State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 19th day of September, A.D. 2008

  
State Engineer

Completion of work filed \_\_\_\_\_

Proof of beneficial use filed \_\_\_\_\_

Cultural map filed \_\_\_\_\_

Certificate No. \_\_\_\_\_ Issued \_\_\_\_\_

llb

AMENDED

APPLICATION FOR PERMIT  
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office OCT 17 1989  
 Returned to applicant for correction.....  
 Corrected application filed MAR 19 1990  
 Map filed MAR 22 1990

The applicant Las Vegas Valley Water District, a quasi-minicipal corporation  
3700 W. Charleston Boulevard, of Las Vegas,  
Street and No. or P.O. Box No. City or Town  
Nevada 89153, hereby make<sup>s</sup> application for permission to appropriate the public  
State and Zip Code No.  
 waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a  
 copartnership or association, give names of members.)

1. The source of the proposed appropriation is underground rock aquifer in Delamar Valley,  
Name of stream, lake, spring, underground or other source  
Hydrographic area 182
2. The amount of water applied for is 10.0 cfs second-feet  
One second-foot equals 448.83 gals. per min.  
 (a) If stored in reservoir give number of acre-feet.....
3. The water to be used for municipal and domestic  
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.
4. If use is for:
  - (a) Irrigation, state number of acres to be irrigated.....
  - (b) Stockwater, state number and kinds of animals to be watered.....
  - (c) Other use (describe fully under "No. 12. Remarks").....
  - (d) Power:
    - (1) Horsepower developed.....
    - (2) Point of return of water to stream.....
5. The water is to be diverted from its source at the following point located within the NE¼ NE¼  
Section 15, T.6S., R.64E., M.D.B. & M., or at a Describe as being within a 40-acre subdivision of public  
point from which the southeast corner of Section 4, T.6S., R.64E., M.D.B. & M.,  
survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.  
bears N. 35° 55' 35" W., a distance of 7301 feet.
6. Place of use is the area within Clark, Lincoln, Nye and White Pine Counties  
Describe by legal subdivision. If on unsurveyed land, it should be so stated.  
SEE ATTACHED LETTER DATED 3-22-90
7. Use will begin about January 1 and end about December 31, of each year.  
Month and Day Month and Day
8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and  
specifications of your diversion or storage works.) water is to be diverted from a 20-inch  
diameter cased well, via deep well No. 182-1R pump, pipelines, pumping stations, reservoirs, and distribution system.  
State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.
9. Estimated cost of works \$700,000 (well and equipment only)

10. Estimated time required to construct works..... Minimum 20 years  
If well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use..... Minimum 20 years

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

The water sought under this application shall be placed to a beneficial use within the Las Vegas Valley Water District service area as set forth in Chapter 752, Statutes of Nevada 1989, or as may be amended. Water may also be served and beneficially used by lawful users within the Lincoln, Nye and White Pine Counties. Water will be commingled with other water rights owned or served by applicant, or it's designee. SEE ATTACHED LETTER DATED 3-22-90

s/Alan F. Walter  
By Alan F. Walter, P.E., N.S.W.R.S., No. 506  
3700 West Charleston Boulevard  
Las Vegas, Nevada 89153

Compared bc/bp

Protested See File  
Pro. Overruled 7-9-2008 See Ruling #5875 Vacated by Court Order 10/19/09  
3/22/12 See Ruling #6167

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:

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed.....cubic feet per second.....

Work must be prosecuted with reasonable diligence and be completed on or before.....

Proof of completion of work shall be filed on or before.....

Application of water to beneficial use shall be made on or before.....

Proof of the application of water to beneficial use shall be filed on or before.....

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

Completion of work filed..... IN TESTIMONY WHEREOF, I.....

Proof of beneficial use filed..... State Engineer of Nevada, have hereunto set my hand and the seal of my

Cultural map filed..... office, this.....day of.....

Certificate No.....Issued..... A.D. 19.....

State Engineer

**ASSIGNED****Hill Cassas deLipkau and Erwin**

A PARTNER IN

SUITE 300 HOLCOMB PROFESSIONAL CENTER  
 333 HOLCOMB AVENUE  
 POST OFFICE BOX 2790  
 RENO, NEVADA 89505

**Sherman & Howard**  
A LAW PARTNERSHIP INCORPORATED PROFESSIONAL CORPORATION

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 COLORADO SPRINGS  
 DENVER  
 SANTA FE  
 SOUTHEAST DENVER

TELEPHONE: 702 323-1601  
 TELECOPIER: 702 348-7250  
 TELEX: 6971967

March 22, 1990

Ms. Christine Thiel  
 Division of Water Resources  
 201 South Fall Street  
 Carson City, Nevada 89710

Re: Las Vegas Valley Water District - Applications 53947  
 through 54092, Inclusive, and 54105 & 54106

Dear Ms. Thiel:

This will serve as a supplement to the above referred to applications to appropriate. Please attach a copy of this letter to each application, except 54037 and 54067, which were withdrawn.

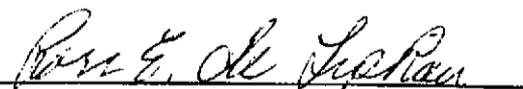
1. Question 6, entitled "Place of Use", shall be supplemented as follows: Within Lincoln County, as defined in NRS 243.210-243.225, inclusive; within Nye County, as found in NRS 243.275-243.315, inclusive; within White Pine County, as found in NRS 243.365-243.385, inclusive; and within Clark County, as found within NRS 243.035-243.040, inclusive.

2. Question 12, entitled "Remarks". Pursuant to NRS 533.340(3), the approximate number of additional persons to be served is 800,000, which is in addition to the current approximately 618,000 persons. The applications seek groundwater in excess of 300,000 acre-foot, which represents all unappropriated groundwater in the particular groundwater basins and the Virgin River (Application 54077). The projected population of the service area in Clark County is estimated to be 1,400,000 at Year 2020. Population projects are currently being updated by Clark County Comprehensive Planning. The population to be served in Lincoln, White Pine and Nye Counties is not yet know, but is to be included within the applied for volume.

Very truly yours,

HILL CASSAS de LIPKAU and ERWIN

By

  
 Ross E. de Lipkau

REd/lbc