Permit No. 79003

# AMENDED

## THE STATE OF NEVADA

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

| | |
|---|---|
| **Name of applicant:** | **LAS VEGAS VALLEY WATER DISTRICT** |
| **Source:** | **UNDERGROUND** |
| **Basin:** | **GARNET VALLEY** |
| **Manner of Use:** | **MUNICIPAL** |
| **Period of Use:** | **January 1st to December 31st** |
| **Priority Date:** | **10/17/1989** |

**********

**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 the waters of an underground source as heretofore granted under Permit 73149 is issued subject to the terms and conditions imposed in said Permit 73149 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.

The permittee shall keep monthly records of the amount of water pumped from this well and the records must be submitted to the State Engineer on an annual basis within 30 days after the end of each calendar year.

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 79003 and 79008, having the same point of diversion, shall not exceed 2.030 cubic feet per second and 233.33 acre-feet annually. Water used under these permits shall be metered separately from that water diverted under Permit 74399.

The total combined duty of water under Permits 74399, 78954T, 79003 and 79008, having the same point of diversion, shall not exceed 2.522 cubic feet per second and 457.9 acre-feet annually.

(Continued on Page 2)

The total combined duty of water under permits 79001 through 79010 is 1,400 acre-feet annually. However, a maximum of 1,550 acre feet maybe be pumped from those rights in any given year provided the 10-year rolling total does not exceed 14,000 acre-feet.

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

The well authorized under this permit must be drilled into and only draw water from the carbonate system. The demonstration of such construction must be submitted to the State Engineer prior to putting any water to beneficial use.

All provisions of the monitoring plan submitted to the State Engineer for approval under base right Permits 54073, 54074 and 68822, shall remain in force, and will apply to all subsequent change applications and new diversion-only appropriations. If information from the monitoring plan or other studies demonstrates an adverse impact on existing rights, mitigation will be required to the satisfaction of the State Engineer.

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 0.53 cubic feet per second or 233.33 acre-feet annually**.

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **May 20, 2011**

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **May 20, 2015**

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 4th day of **June**, A.D. **2010**

P.E.

State Engineer

Completion of work filed _____

Proof of beneficial use filed _____

Cultural map filed _____

Certificate No. _____ Issued _____

Permit No. 79003

See Amended Permit

# THE STATE OF NEVADA

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

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|---|---|
| **Name of applicant:** | **LAS VEGAS VALLEY WATER DISTRICT** |
| **Source:** | **UNDERGROUND** |
| **Basin:** | **GARNET VALLEY** |
| **Manner of Use:** | **MUNICIPAL** |
| **Period of Use:** | **January 1st to 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 to change the point of diversion and place of use of the waters of an underground source as heretofore granted under Permit 73149 is issued subject to the terms and conditions imposed in said Permit 73149 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.

The permittee shall keep monthly records of the amount of water pumped from this well and the records must be submitted to the State Engineer on an annual basis within 30 days after the end of each calendar year.

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 79003 and 79008, having the same point of diversion, shall not exceed 2.030 cubic feet per second and 233.33 acre-feet annually. Water used under these permits shall be metered separately from that water diverted under Permit 74399.

The total combined duty of water under Permits 74399, 78954T, 79003 and 79008, having the same point of diversion, shall not exceed 2.522 cubic feet per second and 457.9 acre-feet annually.

(Continued on Page 2)

The total combined duty of water under Permits 54073, 54074, 68822, 74399, 78954T, 79001, 79002, 79003, 79004, 79005, 79006, 79007, 79008, 79009 and 79010 shall not exceed 2274.57 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.

If any water under this permit is cancelled, withdrawn, or any water is not put to beneficial use, it will revert to the groundwater source and not back to the base water right.

The well authorized under this permit must be drilled into and only draw water from the carbonate system. The demonstration of such construction must be submitted to the State Engineer prior to putting any water to beneficial use.

All provisions of the monitoring plan submitted to the State Engineer for approval under base right Permits 54073, 54074 and 68822, shall remain in force, and will apply to all subsequent change applications and new diversion-only appropriations. If information from the monitoring plan or other studies demonstrates an adverse impact on existing rights, mitigation will be required to the satisfaction of the State Engineer.

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 0.53 cubic feet per second or 233.33 acre-feet annually**.

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before: **May 20 2011**

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before: **May 20 2015**

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 20th day of **May**, A.D. **2010**

P.E.

State Engineer

Completion of work filed _____

Proof of beneficial use filed _____

Cultural map filed _____

Certificate No. _____ Issued _____

Application No. 79003

# 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 NOV 0 2 2009

Returned to applicant for correction _____

Corrected application filed _____ Map filed NOV 0 4 2009 under 7 9 0 0 1

The applicant Las Vegas Valley Water District

1001 S. Valley View Blvd. (Street Address or PO Box) of Las Vegas (City or Town)

Nevada, 89153 (State and ZIP Code) hereby make(s) application for permission to change the

☑ 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 No. 73149

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

2. The amount of water to be changed 233.33 acre-feet, 0.53 c.f.s.
   Second feet, acre-feet. One second foot equals 448.83 gallons per minute.

3. The water to be used for Municipal
   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 Municipal
   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 Tract 38 (NW1/4 SW1/4, Section 21), Township 17 South, Range 64 East, Clark County, NV, at a point from which the SW corner of said Section 21 bears South 09° 15' 48" West, a distance of 2,123.77 feet. ATS

6. The existing point of diversion is located within (If point of diversion is not changed, do not answer.)

within the NE 1/4 NE 1/4 Section 15, Township 18 South, Range 63 East, M.D.B.&M., Clark County, NV, at a point from which the NE corner of said Section 15 bears North 35° 03' 06" East, a distance of 1,331.93 feet. See map for Permit 73149.

216-LL

79003

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

See attached exhibit.

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.)

is within the E 1/2 NE 1/4 and E 1/2 SE 1/4, Section 15, Township 18 South, Range 63 East, M.D.B.&M., Clark County, NV. Also referenced as Parcel 1, File 101, Page 16 of Parcel Maps, APN 103-15-000-003.

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

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

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.)

Drilled well, pump, and motor

12. Estimated cost of works No additional construction is necessary at this time

13. Estimated time required to construct works Existing, see Proof of Completion for Permit No. 74399
If well completed, describe well.

14. Estimated time required to complete the application of water to beneficial use 10 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.)

The existing well is drilled to 870 feet deep (see attached Well Driller's Report log no. 83508 and Proof of Completion for Permit 74399). Water will be diverted by a pump, motor, and pipeline. Water will be metered. If future conditions warrant, additional pipelines may be constructed to further interconnect the water supplies of the geographically distinct places of use.

16. Miscellaneous remarks:

See exhibit

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2009 NOV -2 PM 3:36
STATE ENGINEER'S OFFICE

Thomas A. Minwegen, Deputy General Manager
Type or print name clearly

Thomas A. Minwegen
Signature, applicant or agent

Las Vegas Valley Water District
Company Name

1001 S. Valley View Blvd.
Street Address or PO Box

Las Vegas, NV 89153
City, State, ZIP Code

thomas.minwegen@lvvwd.com
E-mail Address

(702) 258-3174
Phone No.

APPLICATION MUST BE SIGNED BY THE APPLICANT OR AGENT

Revised 07/09 $200 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

# Exhibit

7. **Proposed place of use:**
   1) is 90 acres within the N 1/2 SE 1/4 and the NE 1/4 of Section 5, Township 18 South, Range 63 East, MDM, Clark County, NV as shown Exhibit A-1 of the deed recorded April 16, 2001 in Book 20010416 as document number 01904 of the official records, Clark County, NV;
   2) is within the NE 1/4, the SE 1/4 and the SE 1/4 of the SW 1/4 of Section 5, Township 18 South, Range 63 East, MDM, Clark County, Nevada;
   3) is within the E 1/2 NE 1/4 and E 1/2 SE 1/4, Section 15, Township 18 South, Range 63 East, MDM, Clark County, NV, also referenced as Parcel 1, File 101, Page 16 of Parcel Maps, APN 103-15-000-003;
   4) is within portions of Section 12, 13, 35, all of Section 24, 25, and 36, Township 17 South, Range 63 East, MDM, Clark County, NV; portions of Section 7, all of Sections 18, 19, 30, and 31, Township 17 South, Range 64 East, MDM, Clark County NV; and, portions of Section 1 and 2, Township 18 South, Range 63 East, MDM, Clark County NV.

16. **Miscellaneous remarks:** The applicant is concurrently submitting:
   a. Change Applications to change:
      i. The point of diversion and place of use for all of the water appropriated under Permit Nos. 72798, 73149, 73150, and 73151, and
      ii. The point of diversion and place of use for half of the water appropriated under Permit No. 68822.

      These Change Applications request a common place of use of four power generation facilities located in Garnet Valley, and request a maximum combined duty of 1,550 AFA with a ten-year rolling total not to exceed 14,000 acre-feet.

   b. New Applications for diversion rate only from the points of diversion for the change applications to Permit Nos. 73149, 72798, 73150, 73151, and 68822, to allow for each well to be pumped at a higher capacity.

Approval of these Applications will allow for additional flexibility to meet the water demands of the power generation facilities located in Garnet Valley and will allow their continued operation and possible expansion without the appropriation of additional water in Garnet Valley.