



THE STATE OF NEVADA
PERMIT TO APPROPRIATE WATER

Name of Permittee: LAS VEGAS VALLEY WATER DISTRICT
Source: UNDERGROUND
Basin: IVANPAH VALLEY-NORTHERN PART
Manner of Use: CONSTRUCTION
Period of Use: JANUARY 1ST THROUGH DECEMBER 31ST
Priority Date: 09/06/2013

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 subject to existing rights. It is understood that the amount of water herein granted is only a temporary allowance issued under the provisions of NRS 533.371 for a finite period of time. This permit will expire on December 31, 2016 and all rights herein will revert to the source. Prior to the expiration date, the permittee may request an extension of time to expire which may be granted if the State Engineer finds the permit satisfies the criteria under NRS 533 and 534. 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 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 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 total combined duty of water under Permits 83076 and 83077 shall not exceed 733 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.

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, **and not to exceed 1.012 cubic feet per second or 733.0 acre-feet annually.**

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

December 31 2014

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

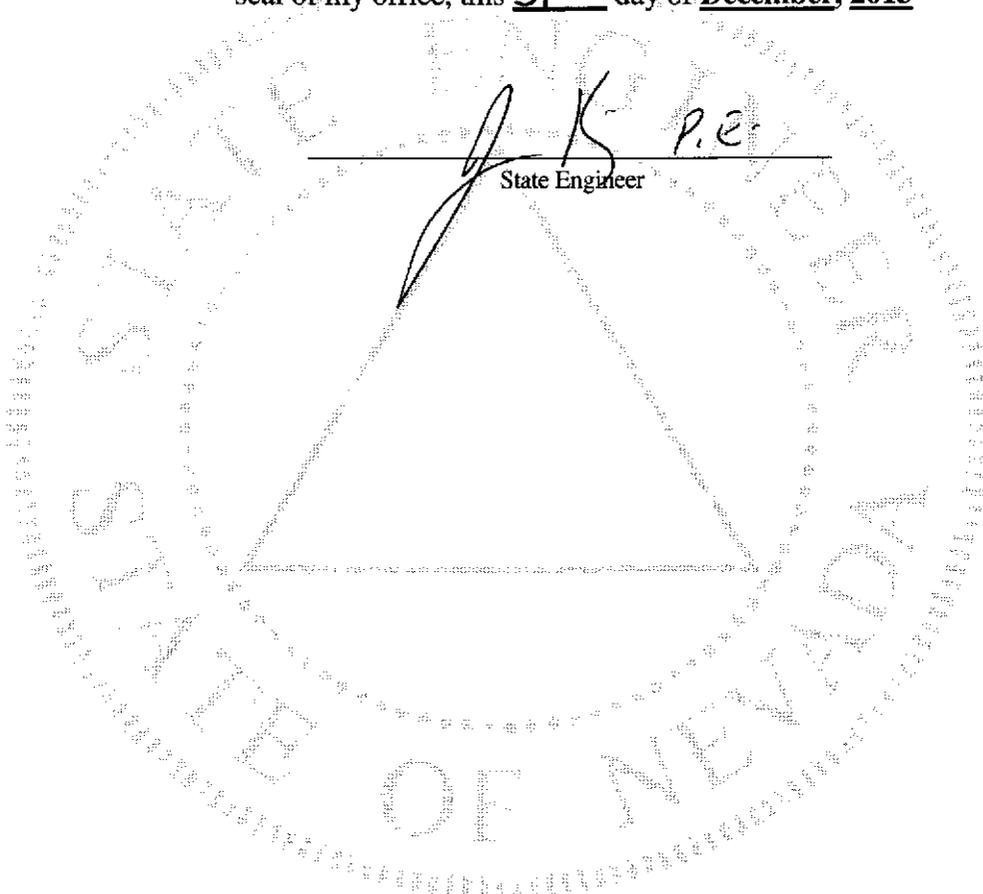
December 31 2016

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 31st day of **December, 2013**



Application No. 83077

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

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office SEP 06 2013

Returned to applicant for correction _____

Corrected Application filed _____ Map filed Sep 6 2013 under 83076

The applicant Las Vegas Valley Water District (LVVWD)

1001 S. Valley View Blvd. MS #485 of Las Vegas,
Street Address or P.O. Box City or Town

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

public 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.)

LVVWD is a political subdivision of the State of Nevada and a quasi-municipal corporation. LVVWD was created pursuant to Chapter 167, Statutes of Nevada 1946.

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1. The source of water is underground (Ivanpah Valley-Northern Part HA 164A).
Name of the stream, lake, underground, spring or other sources.

2. The amount of water applied for is 733 afa, 1.012 cfs.
One second foot equals 448.83 gallons per minute.

(a) If stored in a reservoir give the number of acre-feet _____

3. The water is to be used for construction of photovoltaic solar power facility.
Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.

4. If use is for:

(a) Irrigation, state number of acres to be irrigated _____

(b) Stockwater, state number and kind of animals _____

(c) Other use (describe fully in No. 12) _____

(d) Power:

(1) Horsepower developed _____

(2) Point of return of water to stream _____

*IV NP
10-164A*

5. The water is to be diverted from its source 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 so stated.)

See attached Exhibit A.

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

See attached Exhibit A.

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.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

Drilled well with pump and motor.

9. Estimated cost of works: \$200,000

10. Estimated time required to construct works: one year.

(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: two years.

12. 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.)

Water from this permit will be used for the construction of a photovoltaic solar power facility located in the Ivanpah Valley North hydrographic basin near Primm, Nevada. The plant is owned by Silver State Solar Power South.

13. Miscellaneous remarks:

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john.entsminger@lvvwd.com

E-mail Address

(702) 875-7080

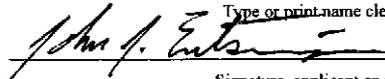
Phone No.

Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

John J. Entsminger, Senior Deputy General Manager

Type or print name clearly



Signature, applicant or agent

Las Vegas Valley Water District

Company Name

1001 S. Valley View Blvd. MS# 485

Street Address or PO Box

Las Vegas, NV 89153

City, State, ZIP Code

EXHIBIT A Annex
APPLICATION FOR PERMIT TO APPROPRIATE THE
PUBLIC WATERS OF THE STATE OF NEVADA

5. The water is to be diverted from its source at the following point:

SW SW, Section 35, T26S, R59E, MDM, at a point from which the West Quarter Corner of the ^{Said}
~~forementioned~~ Section 35 is North 21° 05' 17" West, a distance of 2,263.59 feet;

6. Place of Use

- ~~40.933 acres in the SW NE, Section 34, T26S, R59E, MDM~~
- ~~40.923 acres in the SE NE, Section 34, T26S, R59E, MDM~~
- ~~40.920 acres in the NW SE, Section 34, T26S, R59E, MDM~~
- ~~40.909 acres in the NE SE, Section 34, T26S, R59E, MDM~~
- ~~40.907 acres in the SW SE, Section 34, T26S, R59E, MDM~~
- ~~40.895 acres in the SE SE, Section 34, T26S, R59E, MDM~~
- ~~41.157 acres in the SE NW, Section 35, T26S, R59E, MDM~~
- ~~41.228 acres in the SW NE, Section 35, T26S, R59E, MDM~~
- ~~41.350 acres in the SE NE, Section 35, T26S, R59E, MDM~~
- ~~41.099 acres in the NW SW, Section 35, T26S, R59E, MDM~~
- ~~41.336 acres in the NE SW, Section 35, T26S, R59E, MDM~~
- ~~41.107 acres in the SW SW, Section 35, T26S, R59E, MDM~~
- ~~41.343 acres in the SE SW, Section 35, T26S, R59E, MDM~~
- ~~41.375 acres in the NW SE, Section 35, T26S, R59E, MDM~~
- ~~41.383 acres in the NE SE, Section 35, T26S, R59E, MDM~~
- ~~41.350 acres in the SW SE, Section 35, T26S, R59E, MDM~~
- ~~41.358 acres in the SE SE, Section 35, T26S, R59E, MDM~~
- ~~42.456 acres in Government Lot 4, Section 2, T27S, R59E, MDM~~
- ~~42.380 acres in Government Lot 3, Section 2, T27S, R59E, MDM~~
- ~~41.161 acres in SW NW, Section 2, T27S, R59E, MDM~~
- ~~40.973 acres in SE NW, Section 2, T27S, R59E, MDM~~
- ~~42.333 acres in Government Lot 2, Section 2, T27S, R59E, MDM~~
- ~~42.287 acres in Government Lot 1, Section 2, T27S, R59E, MDM~~
- ~~41.318 acres in SW NE, Section 2, T27S, R59E, MDM~~
- ~~41.556 acres in SE NE, Section 2, T27S, R59E, MDM~~
- ~~41.091 acres in NW SW, Section 2, T27S, R59E, MDM~~
- ~~41.003 acres in NE SW, Section 2, T27S, R59E, MDM~~
- ~~40.969 acres in SW SW, Section 2, T27S, R59E, MDM~~
- ~~41.881 acres in SE SW, Section 2, T27S, R59E, MDM~~
- ~~41.553 acres in NW SE, Section 2, T27S, R59E, MDM~~
- ~~41.487 acres in NE SE, Section 2, T27S, R59E, MDM~~
- ~~41.736 acres in SW SE, Section 2, T27S, R59E, MDM~~
- ~~41.670 acres in SE SE, Section 2, T27S, R59E, MDM~~

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EXHIBIT A Annex (Continued)
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42.326 acres in Government Lot 1, Section 3, T27S, R59E, MDM
41.128 acres in SE NE, Section 3, T27S, R59E, MDM
41.000 acres in SE SW, Section 3, T27S, R59E, MDM
40.967 acres in NE SE, Section 3, T27S, R59E, MDM
42.904 acres in SW SE, Section 3, T27S, R59E, MDM
40.807 acres in SE SE, Section 3, T27S, R59E, MDM
41.153 acres in NW SE, Section 9, T27S, R59E, MDM
40.503 acres in NE SE, Section 9, T27S, R59E, MDM
41.755 acres in SW SE, Section 9, T27S, R59E, MDM
41.181 acres in SE SE, Section 9, T27S, R59E, MDM
40.946 acres in NW NW, Section 10, T27S, R59E, MDM
41.083 acres in NE NW, Section 10, T27S, R59E, MDM
40.514 acres in NW NE, Section 10, T27S, R59E, MDM
40.641 acres in NE NE, Section 10, T27S, R59E, MDM
40.725 acres in SE NE, Section 10, T27S, R59E, MDM
44.055 acres in NW SW, Section 10, T27S, R59E, MDM
44.440 acres in NE SW, Section 10, T27S, R59E, MDM
45.461 acres in SW SW, Section 10, T27S, R59E, MDM
45.946 acres in SE SW, Section 10, T27S, R59E, MDM
41.030 acres in NW SE, Section 10, T27S, R59E, MDM
40.924 acres in NE SE, Section 10, T27S, R59E, MDM
41.115 acres in SW SE, Section 10, T27S, R59E, MDM
40.010 acres in SE SE, Section 10, T27S, R59E, MDM
40.276 acres in NW NW, Section 11, T27S, R59E, MDM
40.216 acres in NE NW, Section 11, T27S, R59E, MDM
39.009 acres in SW NW, Section 11, T27S, R59E, MDM
38.948 acres in SE NW, Section 11, T27S, R59E, MDM
41.350 acres in NW NE, Section 11, T27S, R59E, MDM
40.261 acres in NE NE, Section 11, T27S, R59E, MDM
40.332 acres in SW NE, Section 11, T27S, R59E, MDM
40.243 acres in SE NE, Section 11, T27S, R59E, MDM
37.672 acres in NW SW, Section 11, T27S, R59E, MDM
37.465 acres in NE SW, Section 11, T27S, R59E, MDM
36.413 acres in SW SW, Section 11, T27S, R59E, MDM
36.206 acres in SE SW, Section 11, T27S, R59E, MDM
40.570 acres in NW SE, Section 11, T27S, R59E, MDM
41.504 acres in NE SE, Section 11, T27S, R59E, MDM
41.650 acres in SW SE, Section 11, T27S, R59E, MDM
42.584 acres in SE SE, Section 11, T27S, R59E, MDM
44.520 acres in NW SW, Section 12, T27S, R59E, MDM

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EXHIBIT A Annex (Continued)
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~~3.186 acres in SW SW, Section 12, T27S, R59E, MDM
 40.571 acres in NW NW, Section 13, T27S, R59E, MDM
 40.817 acres in SW NW, Section 13, T27S, R59E, MDM
 36.245 acres in NW NW, Section 14, T27S, R59E, MDM
 36.560 acres in NE NW, Section 14, T27S, R59E, MDM
 36.272 acres in SW NW, Section 14, T27S, R59E, MDM
 37.042 acres in SE NW, Section 14, T27S, R59E, MDM
 42.017 acres in NW NE, Section 14, T27S, R59E, MDM
 41.225 acres in NE NE, Section 14, T27S, R59E, MDM
 41.070 acres in SW NE, Section 14, T27S, R59E, MDM
 40.278 acres in SE NE, Section 14, T27S, R59E, MDM
 37.253 acres in NW SW, Section 14, T27S, R59E, MDM
 37.009 acres in NE SW, Section 14, T27S, R59E, MDM
 37.815 acres in SE SW, Section 14, T27S, R59E, MDM
 39.348 acres in NW SE, Section 14, T27S, R59E, MDM
 39.080 acres in NE SE, Section 14, T27S, R59E, MDM
 38.425 acres in SW SE, Section 14, T27S, R59E, MDM
 46.257 acres in NW NW, Section 15, T27S, R59E, MDM
 45.993 acres in NE NW, Section 15, T27S, R59E, MDM
 44.443 acres in SW NW, Section 15, T27S, R59E, MDM
 45.180 acres in SE NW, Section 15, T27S, R59E, MDM
 41.070 acres in NW NE, Section 15, T27S, R59E, MDM
 41.291 acres in NE NE, Section 15, T27S, R59E, MDM
 41.849 acres in SW NE, Section 15, T27S, R59E, MDM
 42.070 acres in SE NE, Section 15, T27S, R59E, MDM
 42.936 acres in NW SE, Section 15, T27S, R59E, MDM
 42.972 acres in NE SE, Section 15, T27S, R59E, MDM
 4,103.535 acres total~~

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