

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

Date of filing in State Engineer's Office APR 15 1998

Returned to applicant for correction MAY 01 1998

Corrected application filed _____

Map filed _____

The applicant **Southern Nevada Water Authority**, hereby makes application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated.

1. The source of the proposed appropriation is **underground shallow aquifer system**
2. The amount of water applied for is **1.0** second-feet
 - (a) If stored in reservoir give number of acre-feet
3. The water to be used for **municipal**
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 NW¼ NE¼, Section 32, T.22S., R.62E., M.D.M., or at a point from which the N¼ corner of said Section 32 bears N. 57°42'18" W., a distance of 557.63 feet.**
6. Place of Use is the area described within the **Las Vegas Valley Water District as denoted by Chapter 167, Statutes of Nevada, 1947, as it now exists or as it may hereafter be amended. (map filed under Permit 53732).**
7. Use will begin about **January 1** and end about **December 31**, of each year.
8. Description of proposed works **water is to be diverted from a 16-inch diameter cased well approximately 800 feet deep, via deep well pump, pipelines, and proposed reverse osmosis treatment system.**
9. Estimated cost of works **\$3,000,000.00**
10. Estimated time required to construct works **1 year**
11. Estimated time required to complete the application of water to beneficial use **5 years**
12. Remarks: **This application for exploration will be used to test the feasibility of utilizing the shallow ground-water system in the**

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Las Vegas Valley to increase the amount of water available to customers through reverse osmosis treatment. By withdrawing water from the shallow system, the applicant will also be alleviating a geologic hazard.

By s/David A. Donnelly
David A. Donnelly, P.E., N.S.W.R.S. No. 880
1001 South Valley View Blvd.
Las Vegas, Nevada 89153

Compared cmf/bk

Protested _____

CANCELLED AUG 04 1998 BECAUSE OF
FAILURE TO REFICE CORRECTED APPLICATION
WITHIN STATUTORY TIME
[Signature]
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**

Date of filing in State Engineer's Office APR 16 1998

Returned to applicant for correction _____

Corrected application filed _____

Map filed FEB 23 1981 UNDER 43084

The applicant **Lyon County**, hereby make application for permission to change the **Point of Diversion of a Portion** of water heretofore appropriated under **Permit 58294**,

1. The source of water is **Underground**
2. The amount of water to be changed **1.00 c.f.s.**, not to exceed **164.66 acre-feet annually**.
3. The water to be used for **Quasi-Municipal and Domestic**.
4. The water heretofore permitted for **Quasi-Municipal and Domestic**
5. The water is to be diverted at the following point **NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 32, T. 17 N., R. 22 E., M.D.B.&M.**, or at a point from which the NE Corner of said Section 32 bears N. 11° 54' 00" E., a distance of 901.0 feet, situated in Lyon County, State of Nevada. (See Permit 58298) (map under 43084)
6. The existing permitted point of diversion is located within **SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 32, T. 17 N., R. 22 E., M.D.B.&M.**, or a point from which the E $\frac{1}{4}$ Corner of said Section 32 bears S. 84° 36' 38" E. a distance of 1064.71 feet. (See Permit 59294). (map under 34292)
7. Proposed place of use **N $\frac{1}{2}$ of N $\frac{1}{2}$; portions of S $\frac{1}{2}$ of NE $\frac{1}{4}$; portions of N $\frac{1}{2}$ of SE $\frac{1}{4}$; all in Section 32 T.17N., R.22E., M.D.B.&M.**
8. Existing place of use **N $\frac{1}{2}$ of N $\frac{1}{2}$; portions of S $\frac{1}{2}$ of NE $\frac{1}{4}$; portions of N $\frac{1}{2}$ of SE $\frac{1}{4}$; all in Section 32 T.17N., R.22E., M.D.B.&M. - Unchanged.**
9. Use will be from **January 1st to December 31st** of each year.
10. Use was permitted from **January 1st to December 31st** of each year.
11. Description of proposed works **A well, drilled and cased, equipped with a Pump, Motor and Distribution System.**
12. Estimated cost of works **\$50,000.00**
13. Estimated time required to construct works **Completed (See Permit 59298)**
14. Estimated time required to complete the application of water to beneficial use **Five (5) Years.**
15. Remarks: **See Exhibit "A" Attached.**

By **Gregory M. Bilyeu - Agent**
s/Gregory M. Bilyeu
P.O. Box 70458
Reno, Nevada 89570-0458

Compared bk/cms

Protested _____

WITHDRAWN BY ^{agent} APPLICANT

MAY 20 1999

Richard D. [Signature] ^{agent} **STATE ENGINEER**

_____ 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: