

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

Date of filing in State Engineer's Office SEP 22 1986

Returned to applicant for correction MAR 2 1987

Corrected application filed _____

Map filed _____

The applicant United States Department of the interior, Bureau of Reclamation

P.O. Box 427, of Boulder City,
Street and No. or P.O. Box No. City or Town

Nevada 89005, hereby make 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.) The Bureau of Reclamation is an agency of the Federal Government.

1. The source of the proposed appropriation is Lower Virgin River, (Section 14, T. 14 S., R. 69 E.), Clark County, Nevada
Name of stream, lake, spring, underground or other source

2. The amount of water applied for is about 1 to 3 second feet during pumping tests second-feet
One second-foot equals 448.83 gals. per min.
(a) If stored in reservoir give number of acre-feet Not applicable

3. The water to be used for powerplant cooling application study
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 Not applicable
(b) Stockwater, state number and kinds of animals to be watered Not applicable
(c) Other use (describe fully under "No. 12. Remarks" see attached project summary and page 2 here
(d) Power:

(1) Horsepower developed study in formulative stages
(2) Point of return of water to stream probably none using "zero discharge" technology

5. The water is to be diverted from its source at the following point SE⁴, NE⁴, Section 14, T. 14 S., R. 69 E., refer to map Riverside Quadrangle, Clark County, Nevada
Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.

6. Place of use Water derived from infiltration gallery. Extraction testing will be directly recharged into the Virgin River flood plain within the same 40-acre subdivision.
Describe by legal subdivision. If on unsurveyed land, it should be so stated.

7. Use will begin about September 30 and end about July 30, 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.) Drilled infiltration galleries (boreholes), cased, with pump, motor, and discharge (diversion) pipeline.
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 \$10,000 - 15,000 to include sample boreholes and one or two 8-inch or larger infiltration galleries.

10. Estimated time required to construct works... one month
If well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use... /Extraction tests on large galleries can probably be completed within one to two months. Smaller boreholes may be left for a longer period to monitor the water table.

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

Because immediate recharge (infiltration by flooding) will proceed simultaneously with the pumping tests, there will be no consumptive use.

s/Dwight L. Sawyer, Jr.
By Dwight L. Sawyer, Jr.
State Water Right Surveyor #781
Bureau of Reclamation, P.O. Box 427
Boulder City, Nevada 89005

Compared cc/se

Protested

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

Cultural map filed my office, this day of

Certificate No. Issued A.D. 19

State Engineer

218 (Rev.)

MAY 4 1987

CANCELLED BECAUSE OF FAILURE OF APPLICANT TO COMPLY WITH THE PROVISIONS OF PERMIT

STATE ENGINEER