

AMENDED PERMIT

ENVIRONMENTAL

NO. 75161E

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

Date of filing in State Engineer's Office DEC 06 2006

Returned to applicant for correction _____

Corrected application filed _____

Map filed MAY 12 1975 under 29298

The applicant **Nevada Power Company** hereby make 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 source**
2. The amount of water applied for is **two. second feet.**
 - (a) If stored in reservoir give number of acre-feet
3. The water to be used for **testing for groundwater constituents and groundwater remediation.**
4. If use is for:
 - (a) Irrigation, state number of acres to be irrigated
 - (b) Stockwater, state number and kind 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 **.within the NW ¼ of the NW ¼ Sec 23, T14S., R 65E, M.D.B. & M or at a point from which the NW corner of Said Sec. 23 bears N 49° 45' 49" West 85.3 feet**
6. Place of Use **Reid Gardner Station -portions of SW ¼ and SW ¼ of SE ¼, Sec. 5, T.15S., R. 66E., M.D.B. & M**
7. Use will begin about **December 2006** and end **when NDEP states no further remediation is required.**
8. Description of proposed works **Approximately 1,500 feet of groundwater interceptor trench has been installed around previous Evaporation Pond 4A at the Reid Gardner Station to recover contaminated groundwater. Initial groundwater recovery will be for recovered groundwater quality testing to evaluate groundwater treatment technologies prior to long-term operation of a groundwater remediation system. Water not used for testing during the initial recovery will be discharged to present lined ponds containing contaminated water. Long-term operation will include pumping recovered groundwater from a manhole through enclosed pipes to a treatment system. The treated water will then be used on-site. In the future, a groundwater recovery well will be installed in the Pond 4A area for recovery of deeper contaminated groundwater. This groundwater withdrawal will continue until NDEO states that no further groundwater remediation is required**

9. Estimated cost of works \$100,000

10. Estimated time required to construct works 1 week for groundwater testing and 2 months for the final treatment process

11. Estimated time required to complete the application of water to beneficial use 1 week for the initial groundwater testing and 10 to 20 years for the recovery and cleanup of any contaminated groundwater.

12. Remarks: The purpose of the initial sampling is to determine what contaminants are within an existing groundwater. After the type and concentration of contaminants is determined an appropriate treatment process can be determined to remove the contaminants from the groundwater and reuse the water on-site.

By s/ Richard A. Weller
Nevada Power Company, 6226 West Sahara Avenue
Las Vegas, NV 89102

Compared lt/gkl llb

Protested _____

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 environmental permit is issued subject to existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance for pollution control as mandated by orders issued by the Nevada Division of Environmental Protection and subsequent correspondence with said agency. The right will cease to exist upon termination of clean up activity as determined by the Nevada Division of Environmental Protection. A totalizing meter must be installed and maintained in the discharge pipeline near the point of diversion and records of this measurement shall be submitted on an annual basis. It is also understood that this right must allow for a reasonable lowering of the static water level of permittee's well due to other ground water development in the area. The well shall be equipped with a 2-inch opening for measuring depth to water. If the well is flowing, a valve must be installed and maintained to prevent waste. The State retains the right to regulate the use of water granted herein at any and all times.

Water discharged under this environmental permit for pollution control as mandated and ordered by the Nevada Division of Environmental under Permit NEV91022, may be applied to beneficial use for power generation in lieu of using existing water rights. However, the amount of water under this environmental permit applied to beneficial use and the amount of water beneficially used under the in lieu water rights shall not exceed the total combined duty in the existing in lieu water rights.

Monthly records shall be kept of the amount of water pumped for this project, the amount of water beneficially used for power generation under this environment permit and the amount of water beneficially used under the in lieu existing water rights with these records being submitted to the State Engineer on an annual basis within 30 days after the end of each calendar year

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

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

(Continued on Page 3)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 1.268 cubic feet per second, but not to exceed 905.81 acre-feet annually.

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

February 26, 2009

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

N/A

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 17th day of June, A.D. 2009

for RD Hall P.E.
State Engineer

Completion of work filed _____

Proof of beneficial use filed N/A

Cultural map filed N/A

Certificate No. _____ Issued _____

See Amended
ENVIRONMENTAL

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9. Estimated cost of works **\$100,000**

10. Estimated time required to construct works **1 week for groundwater testing and 2 months for the final treatment process**

11. Estimated time required to complete the application of water to beneficial use **1 week for the initial groundwater testing and 10 to 20 years for the recovery and cleanup of any contaminated groundwater.**

12. Remarks: **The purpose of the initial sampling is to determine what contaminants are within an existing groundwater. After the type and concentration of contaminants is determined an appropriate treatment process can be determined to remove the contaminants from the groundwater and reuse the water on-site.**

**By s/ Richard A. Weller
Nevada Power Company, 6226 West Sahara Avenue
Las Vegas, NV 89102**

Compared lt/gkl lt/gkl

Protested _____

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

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

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

(Continued on Page 3)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 2.0 cubic feet per second, but not to exceed 1447.94 acre-feet annually.

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

February 26, 2009

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

N/A

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 26th day of February, A.D. 2007

Tracy Taylor, P.E.
State Engineer

Completion of work filed _____
Proof of beneficial use filed N/A _____
Cultural map filed N/A _____
Certificate No. _____ Issued _____