AMENDED

# ENVIRONMENTAL

NO. 64720-E

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

Date of filing in State Engineer's Office DEC 21 1998

Returned to applicant for correction JAN 14 1999

Corrected application filed FEB 22 1999

Map filed MAR 11 1999 under 64717-E

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The applicant **Vista Canyon Group, a Limited Liability Company**, hereby makes application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated.

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1. The source of the proposed appropriation is **shallow groundwater 0.078**

2. The amount of water applied for is **0.078** second-feet

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

3. The water to be used for **environmental cleanup**

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 **NE¼ of NW¼, Section 9, Township 19 North, Range 20 East, M.D.B.M. (See Attached Amendment)**

6. Place of Use **within NE¼ of NW¼ Section 9, Township 19 North, Range 20 East, M.D.B.M.**

7. Use will begin about **January 1** and end about **December 31** of each year.

8. Description of proposed works **10 drilled groundwater extraction wells and submersible pumps (G2, H1, H2, H3, I1, J1, J2, J3, L1) and I2**

9. Estimated cost of works **Project: $500,000**

10. Estimated time required to construct works **Project: Well Installation: 6 months Remainder of works: 9 months**

11. Estimated time required to complete the application of water to beneficial use **Ten years - Project length based on monitoring data**

12. Remarks: **Petroleum hydrocarbon and chlorinated solvent impacted shallow groundwater will be pumped from a total of 36 shallow wells to two water treatment plants utilizing a granular activated carbon fluidized bed reactor, and a denitrifying treatment system. Treated water will be discharged to the Truckee River under an NPDES permit or reinjected under a UIC permit. Estimated volume to be treated for the project: 475Mgal/Yr. This application is being filed to increase the pumping rate from the wells currently on record under permit No. 61108E.**

SCOTT KILKENNY
By s/Scott Kilkenny
6490 S. McCarran Blvd.
Reno, NV 89509

Compared **dl/cms** dl/cmf

Protested _____

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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 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. 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. The State retains the right to regulate the use of water granted herein at any and all times.

This environmenatl 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.

This environmental permit is issued pursuant to the provisions of NRS 533.4375. Well drillers reports for any well(s) drilled under this permit shall be filed within 30 days from completion of the well.

Within 30 days after the completion of the project, the permittee shall notify the State Engineer of such completion and all wells shall be plugged and abandoned in accordance with Chapter 534 of the Nevada Administrative Code.

Monthly records shall be kept of the amount of water pumped from this well and the records submitted to the State Engineer on a quarterly basis within 15 days after the end of each calendar quarter.

(CONTINUED ON PAGE 3)

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(PERMIT TERMS CONTINUED)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed **0.078** 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 before:

Application of water to beneficial use shall be filed 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: *

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* **The right will cease to exist upon termination of clean up activity as determined by the Nevada Division of Environmental Protection.**

IN TESTIMONY WHEREOF, I, R. MICHAEL TURNIPSEED, P.E., State Engineer of Nevada, have hereunto set my hand and the seal of my office, this **23rd** day of **July**, A.D. **1999**

R. Michael Turnipseed P.E.
State Engineer

Completion of work filed _____

Proof of beneficial use filed _____

Cultural map filed _____

Certificate No. _____ Issued _____

**CDM** Engineers & Constructors Inc.

## Amendments to Applications for Appropriation of the Public Waters of the State of Nevada

| Application Number | Amendment |
|---|---|
| 64717E | Item #5: From the E¼ Corner of Section 9, Township 19 North, Range 20 East; Well P4 Bears N 10°35′40″ E a Distance of 1,457.39′; Well P5 Bears N 20°37′09″ E a Distance of 1,407.17′; Well P7 Bears N 03°48′04″ E a Distance of 1,717.06′; Well P8 Bears N 05°46′59″ E a Distance of 1,608.44′; Well P9 Bears N 15°35′17″ E a Distance of 1,426.25′ |
| 64718E | Item #5: From the E¼ Corner of Section 9, Township 19 North, Range 20 East; Well D1 Bears N 42°37′26″ W a Distance of 2,164.46′; Well E1 Bears N 43°05′33″ W a Distance of 2,606.65′; Well F1 Bears N 44°52′50″ W a Distance of 2,947.04′; Well F2 Bears N 52°10′01″ W a Distance of 2,917.94′; Well G1 Bears N 51°14′59″ W a Distance of 3,349.88′ |
| 64719E | Item #1: Shallow Groundwater<br>Item #2: 0.012<br>Item #5: From the E¼ Corner of Section 9, Township 19 North, Range 20 East; Well G3 Bears N 65°01′33″ W a Distance of 3,105.71′ |
| 64720E | Item #5: From the E¼ Corner of Section 9, Township 19 North, Range 20 East; Well G2 Bears N 59°43′40″ W a Distance of 3,145.81′; Well H1 Bears N 54°42′47″ W a Distance of 3,760.72′; Well H2 Bears N 60°27′11″ W a Distance of 3,414.15′; Well H3 Bears N 65°59′00″ W a Distance of 3,457.32′; Well I1 Bears N 61°51′54″ W a Distance of 3,708.70′; Well I2 Bears N 66°58′22″ W a Distance of 3,852.93′; Well J1 Bears N 63°31′11″ W a Distance of 4,165.13′; Well J2 Bears N 68°00′59″ W a Distance of 4,289.59′; Well J3 Bears N 59°34′30″ W a Distance of 4,304.03′; Well L1 Bears N 56°58′17″ W a Distance of 4,265.94′ |
| 64721E | Item #5: From the E¼ Corner of Section 9, Township 19 North, Range 20 East; Well D2 Bears N 48°12′45″ W a Distance of 2,006.03′; Well E2 Bears N 53°46′34″ W a Distance of 2,293.75′; Well E3 Bears N 60°41′17″ W a Distance of 2,232.47′; Well E4 Bears N 66°35′23″ W a Distance of 1,907.85′; Well F3 Bears N 58°30′50″ W a Distance of 2,601.10′ |
| 64722E | Item #5: From the E¼ Corner of Section 9, Township 19 North, Range 20 East; Well A4 Bears N 13°44′17″ E a Distance of 1,198.05′; Well P6 Bears N 29°05′43″ E a Distance of 1,401.70′; Well P10 Bears N 23°57′40″ E a Distance of 1,394.85′ |