



## THE STATE OF NEVADA

### PERMIT TO ESTABLISH AND OPERATE A PROJECT TO RECHARGE, STORE AND RECOVER UNDERGROUND WATER

**Name of Permittee:** CARSON CITY PUBLIC WORKS

**Source:** ASH CANYON CREEK  
(Permits 36251, 59086, 59087, 68984, 79890)  
KINGS CANYON CREEK  
(Permit 54848)  
TREATED GROUNDWATER  
(Permits 29906, 30441, 61507, 71678, 77669, 79653, 79717, 83670,  
83671, 71749, and 81933)

**Basin:** EAGLE VALLEY

**Annual Quantity:** 250 Acre-Feet

#### LOCATION OF PROPOSED PROJECT/RECHARGE WELLS:

##### Well 10B

Located at 2200 West College Parkway, Carson City, NV within the SE $\frac{1}{4}$  SE $\frac{1}{4}$  of Section 1, T.15N., R.19E., M.D.B.&M., or at a point from which the Southeast corner of said Section 1 bears South 56° 05' 25" East, a distance of 108.52 feet situated in Carson City.

##### Well 51

Located at 1900 West Winnie Lane, Carson City, NV within the NW $\frac{1}{4}$  SW $\frac{1}{4}$  of Section 7, T.15N., R.20E., M.D.B.&M., or at a point from which the West  $\frac{1}{4}$  corner of said Section 7 bears North 21° 01' 09" West, a distance of 268.57 feet situated in Carson City.

##### Well 55

Located at 2057 West College Parkway, Carson City, NV within the NE $\frac{1}{4}$  NE $\frac{1}{4}$  of Section 12, T.15N., R. 19E., M.D.B.&M., or at a point from which the West  $\frac{1}{4}$  corner of Section 7, T.15N., R.20E., M.D.B.&M. bears South 02° 26' 28" East, a distance of 1,928.28 feet situated in Carson City.

#### LOCATION OF RECOVERY WELL:

Permit is for recharge only. No credit for recovery is permitted.

#### PROJECT AREA:

The Eagle Valley Groundwater Basin, Hydrographic Area No. 8-104 as described in the State Engineer's Order No. 874, dated July 29, 1985.

#### DURATION OF PERMIT:

This permit is issued for an indefinite period, subject to periodic review by the State Engineer.

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**TERMS AND CONDITIONS OF PERMIT:**

1. During periods of recharge the amount of water injected shall be recorded on a daily basis. If electronic equipment is used for the collection of data, said equipment shall be physically checked and calibrated for proper operation per the manufacturer's specifications.
2. During periods of pumping the amount of water being pumped shall be recorded on a daily basis. If electronic equipment is used for the collection of data, said equipment shall be physically checked and calibrated for proper operation per the manufacturer's specifications.
3. Water level measurements for the recharge well shall be recorded on a daily basis.
4. Monitoring Wells:

A. The following wells have been authorized as monitoring wells:

- |                            |                                     |
|----------------------------|-------------------------------------|
| 1) <b>Well 3:</b>          | NDWR Site Name 104 N15 E19 12DADD1  |
| 2) <b>Well 5:</b>          | NDWR Site Name 104 N15 E20 07DDBB1  |
| 3) <b>Well 10:</b>         | NDWR Site Name 104 N15 E19 01DDDD1  |
| 4) <b>Well 10B:</b>        | NDWR Site Name 104 N15 E19 01DDDD2  |
| 5) <b>Well 51:</b>         | NDWR Site Name 104 N15 E19 07CBBB1  |
| 6) <b>Well 55:</b>         | NDWR Site Name 104 N15 E19 12AADA1  |
| 7) <b>Well 46:</b>         | NDWR Site Name 104 N15 E20 07BADDC1 |
| 8) <b>College Parkway:</b> | NDWR Site Name 104 N15 E20 07BBAB1  |

B. Water level measurements shall be collected on a monthly basis at the monitoring wells. Results shall be provided and summarized in the required annual reports. Electronically formatted water level data shall also be submitted to the State Engineer on a semi-annual basis (no later than January 31 and July 31 of each year). Data shall be submitted in the format specified by the Nevada Division of Water Resources.

C. Additional monitoring wells and modifications to monitoring frequency may be required by the State Engineer, as conditions and monitoring results warrant.

D. Water quality will be monitored as per NDEP permits and requirements.

5. Reporting:

A. The Permittee shall submit an annual report to the State Engineer as required by NRS § 534.280. The report will be due no later than January 31 of each year.

This report shall include:

- 1) A tabulation of monthly injection and pumping amounts (af or gal) for the subjecttime period.
- 2) A tabulation of annual injection and pumping amounts at all recharge wells for the period since the inception of the project.

- 3) A tabulation of monthly injection rate statistics including average, maximum, and minimum rates (gpm) at all recharge wells for the subject time period.
- 4) Hydrographs of the flow rates and water levels at all recharge wells for the subject time period.
- 5) Hydrographs of water levels at all monitoring wells for the period since the inception of the project.
- 6) Any other pertinent information gathered during the subject time period.

B. The Permittee shall provide the State Engineer with a copy of the NDEP annual report.

C. If the Permittee conducts other pertinent analyses than required by this permit (such as aquifer tests or groundwater modeling), those data and results shall be reported to the State Engineer.

6. Recharge and Recoverable Amount:

A. Basis for Establishing and Tracking Storage Account Balance:

Since this permit is for recharge only, the "recoverable amount" (as defined in NRS § 534.300) of water will be zero. There is no storage account and recharge amounts are not available for recovery.

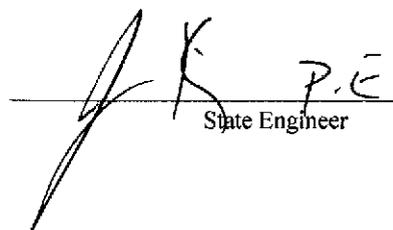
B. Limitations:

Recharge shall be limited to no more than 250 acre-feet in any calendar year, and shall be limited by the terms set forth under this permit. This permit does not limit the use of these recharge wells for pumpage under other groundwater permits.

7. Injection practices shall not cause groundwater and/or injected water to surface at or near any recharge well, and shall not cause any surface or subsurface hazards. Should any such incident occur, injection shall cease until mitigation measures authorized by the State Engineer have been implemented.
8. The State Engineer shall levy and collect an annual fee from the Permittee as prescribed in NRS § 534.310.
9. The State Engineer reserves the right to change, modify or amend the terms and conditions of this permit based on just cause.

IN TESTIMONY WHEREOF, I, JASON KING, P.E.,

State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 14th day of October, 2015

  
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State Engineer