

**City of Carson City
Agenda Report**

item # 10B

Date Submitted: June 20, 2008

Agenda Date Requested: July 3, 2008
Time Requested: 10 minutes

To: Mayor and Supervisors

From: Public Works Department

Subject Title: Action to recommend that the Nevada State Engineer approve Water Applications 76871, 76872 and 76873, for the use of water from induction wells in Carson City to serve users within the service area of Carson City Water Utility, as well as the Dayton Valley portion of the service area of Lyon County Utilities. .

Staff Summary: These water applications propose to use water from induction wells in Carson City, pursuant to the agreements with Vidler Water Company and Lyon County, to serve users within the service area of Carson City Water Utility, as well as the Dayton Valley portion of the service area of Lyon County Utilities.

Type of Action Requested: (check one)
 Resolution Ordinance
 Formal Action/Motion Other

Does This Action Require A Business Impact Statement: Yes No

Recommended Board Action: I move to recommend that the Nevada State Engineer approve Water Applications 76871, 76872 and 76873, for the use of water from induction wells in Carson City to serve users within the service area of Carson City Water Utility, as well as the Dayton Valley portion of the service area of Lyon County Utilities.

Explanation for Recommended Board Action: These water applications propose to use water from induction wells in Carson City, pursuant to the agreements with Vidler Water Company and Lyon County, to serve users within the service area of Carson City Water Utility, as well as the Dayton Valley portion of the service area of Lyon County Utilities. Action taken by the Nevada State Engineer is necessary to move forward with these agreements.

Applicable Statue, Code, Policy, Rule or Regulation: N/A

Fiscal Impact: N/A

Explanation of Impact: N/A

Funding Source: N/A

Alternatives: N/A

Supporting Material: Copies of Applications

Prepared By: Ken Arnold, Deputy Public Works Director

Reviewed By:

(Department Head)

Date:

6-29-08

(City Manager)

Date:

6/24/08

(District Attorney)

Date:

6/24/08

(Finance Director)

Date:

6/24/08

Board Action Taken:

Motion: _____

1) _____

Aye/Nay

2) _____

(Vote Recorded By)

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

THIS SPACE FOR OFFICE USE ONLY
Date of filing in State Engineer's Office _____
Returned to applicant for correction _____
Corrected application filed _____ Map filed _____

The applicant Carson City, a Consolidated Municipality
3505 Butti Way of Carson City
Street Address or P.O. Box City or Town
Nevada 89701, hereby make(s) application for permission to change the
State and Zip Code

Point of diversion Place of use Manner of use of a portion

of water heretofore appropriated under (Identify existing right by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and identify right in Decree.)
Permit 36693, Certificate 15040

- The source of water is Carson River Induction Well #59
Name of stream, lake, underground, spring or other sources.
- The amount of water to be changed not to exceed 100.00 A.F.A., diversion rate as decreed
Second feet, acre-feet. One second foot equals 448.83 gallons per minute.
- The water to be used for Municipal
Irrigation, power, mining, commercial, etc. If for stock, state number and kind of animals. Must limit to one major use.
- The water heretofore used for Municipal
If for stock, state number and kind of animals.
- The water is to be diverted at the following point (Describe as being within a 40-acre subdivision of public survey and by course and distance to a found section corner. If on unsurveyed land, it should be stated.)
Within the SE 1/4 NW 1/4 Section 14, T. 15 N., R. 20 E., M.D.M., or at a point from which the W 1/4 corner of said Section 14 bears South 89° 13' 33" West a distance of 2,600 feet. See supporting map filed with this Application.
- The existing point of diversion is located within (If point of diversion is not changed, do not answer.)
The NE 1/4 SW 1/4 Section 14, T. 15 N., R. 20 E., M.D.M., or at a point from which the SW corner of said Section 14 bears South 46° 20' 00" West a distance of 3,240.00 feet. (Induction Well #25) See supporting maps filed under Application 36693 and this Application.

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Carson City 06301.1

7. Proposed place of use (Describe by legal subdivisions. If for irrigation, state number of acres to be irrigated.)

The combined service areas of Carson City Utilities and Lyon County Utilities. See attached description and supporting map being filed with this Application.

8. Existing place of use (Describe by legal subdivisions. If changing place of use and/or manner of use of irrigation permit, describe acreage to be removed from irrigation.)

See attached description and supporting map filed under Application 36693.

9. Proposed use will be from As Decreed to As Decreed of each year.
Month and Day Month and Day

10. Existing use permitted from As Decreed to As Decreed of each year.
Month and Day Month and Day

11. Description of proposed works. (Under the provision of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches, pipes and flumes or drilled well, pump and motor, etc.)

A drilled induction well, pump, motor, and municipal distribution system.

12. Estimated cost of works In excess of \$500,000

13. Estimated time required to construct works One year
If well completed, describe well.

14. Estimated time required to complete the application of water to beneficial use 10 years

15. Provide a detailed description of the proposed project and its water usage (use attachments if necessary):
(Failure to provide a detailed description may cause a delay in processing.)

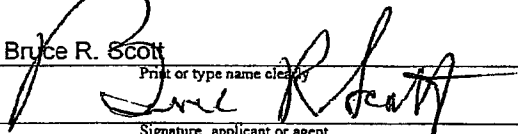
This application is filed for a permanent full production well to divert surface water by Carson City.

16. Miscellaneous remarks:

(775) 883-1600
Phone No.

E-mail

By Bruce R. Scott
Print or type name clearly


Signature, applicant or agent

Resource Concepts, Inc.
Company Name

340 N. Minnesota St.
Street Address or P.O. Box

Carson City, NV 89703
City, State, Zip Code

**APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT**

\$150 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION

Carson City Utilities Department Service Area

Township 14 North, Range 20 East, M.D.M.

Sections 2, 3, 4, E½ of Section 5, and that portion of the N½ NE¼ of Section 6 which lies within Carson City.

ALL of Township 15 North, Range 20 East, M.D.M.

The E½ of Township 15 North, Range 19 East, M.D.M.

Township 16 North, Range 19 East, M.D.M.

The S½ of Section 34, the S½ of Section 35, those portions of the S½ NE¼ of Section 35 which lie within Carson City, the S½ of Section 36, the NE¼ of Section 36, and those portions of the SW¼ NW¼ of Section 36 which lie within Carson City.

Township 16 North, Range 20 East, M.D.M.

Sections 28, 29, 31, 32, 33, 34, 35, the W½ of Section 36, and those portions of the E½ of Section 36 which lie within Carson City.

Lyon County Utilities Department Service Area

Township 16 North, Range 20 East, M.D.M.

Section 24, the E½ of Section 25, those portions of the W½ of Section 25 which lie within Lyon County, the portions of the NE¼ and the NE¼ SE¼ of Section 36 which lie within Lyon County.

Township 16 North, Range 21 East, M.D.M.

Section 1, the SE¼ SE¼ of Section 2, Sections 11, 12, 13, 14, 19, 20, 23, 24, 26, 27, 28, 29, 30, the N½ of Section 31, the portion of the S½ of Section 31 which lies within Lyon County, the N½ of Section 32, the N½ of Section 33, the N½ of Section 34, and the N½ of Section 35.

Township 16 North, Range 22 East, M.D.M.

Sections 3, 4, 5, 6, 7, 8, 9, the N½ of Section 16, Sections 17, 18, 19, and 20.

Township 17 North, Range 22 East, M.D.M.

The portion of the S½ of Section 21 which lies within Lyon County, the S½ of Section 22, the portion of the N½ of Section 22 which lies within Lyon County, Section 27, the S½ of Section 28, the NE¼ of Section 28, the portion of the NW¼ of Section 28 which lies within Lyon County, the SE¼ of Section 29, those portions of the SW¼, NW¼, and NE¼ which lie within Lyon County, the portion of the S½ of Section 30 which lies within Lyon County, the S½ of Section 31, the NE¼ of Section 31, the portion of the NW¼ of Section 31 which lies within Lyon County, Sections 32, 33, 34, and 35.

Township 17 North, Range 21 East, M.D.M.

The SE¼ of Section 36, those portions of the SW¼, NW¼, and NE¼ of Section 36 which lie within Lyon County.

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

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The applicant Carson City, a Consolidated Municipality

3505 Butti Way of Carson City
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Nevada 89701, hereby make(s) application for permission to change the
State and Zip Code

Point of diversion Place of use Manner of use of a portion

of water heretofore appropriated under (Identify existing right by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and identify right in Decree.)
Permit 36693, Certificate 15040

1. The source of water is Carson River Induction Well #57
Name of stream, lake, underground, spring or other sources.
2. The amount of water to be changed not to exceed 100.00 A.F.A., diversion rate as decreed
Second feet, acre-feet. One second foot equals 448.83 gallons per minute.
3. The water to be used for Municipal
Irrigation, power, mining, commercial, etc. If for stock, state number and kind of animals. Must limit to one major use.
4. The water heretofore used for Municipal
If for stock, state number and kind of animals.
5. The water is to be diverted at the following point (Describe as being within a 40-acre subdivision of public survey and by course and distance to a found section corner. If on unsurveyed land, it should be stated.)
Within the SE¼ NW¼ Section 14, T.15 N., R.20 E., M.D.M., or at a point from which the W¼ corner of said Section 14 bears South 62° 06' 19" West a distance of 2.686 feet. See supporting map filed with this Application.
6. The existing point of diversion is located within (If point of diversion is not changed, do not answer.)
The NE¼ SW¼ Section 14, T.15 N., R.20 E., M.D.M., or at a point from which the SW corner of said Section 14 bears South 46° 20' 00" West a distance of 3.240.00 feet. (Induction Well #25) See supporting maps filed under Application 36693 and this Application.

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 DIVISION OF WATER RESOURCES
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Carson City 06301.1

7. Proposed place of use (Describe by legal subdivisions. If for irrigation, state number of acres to be irrigated.)

The combined service areas of Carson City Utilities and Lyon County Utilities. See attached description and supporting map being filed with this Application.

8. Existing place of use (Describe by legal subdivisions. If changing place of use and/or manner of use of irrigation permit, describe acreage to be removed from irrigation.)

See attached description and supporting map filed under Application 36693.

9. Proposed use will be from As Decreed to As Decreed of each year.
Month and Day Month and Day

10. Existing use permitted from As Decreed to As Decreed of each year.
Month and Day Month and Day

11. Description of proposed works. (Under the provision of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches, pipes and flumes or drilled well, pump and motor, etc.)

A drilled induction well, pump, motor, and municipal distribution system.

12. Estimated cost of works In excess of \$500,000

13. Estimated time required to construct works One year
If well completed, describe well.

14. Estimated time required to complete the application of water to beneficial use 10 years

15. Provide a detailed description of the proposed project and its water usage (use attachments if necessary):
(Failure to provide a detailed description may cause a delay in processing.)

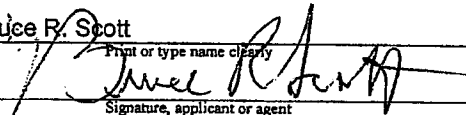
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Carson City Utilities Department Service Area

Township 14 North, Range 20 East, M.D.M.

Sections 2, 3, 4, E $\frac{1}{2}$ of Section 5, and that portion of the N $\frac{1}{2}$ NE $\frac{1}{4}$ of Section 6 which lies within Carson City.

ALL of Township 15 North, Range 20 East, M.D.M.

The E $\frac{1}{2}$ of Township 15 North, Range 19 East, M.D.M.

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The S $\frac{1}{2}$ of Section 34, the S $\frac{1}{2}$ of Section 35, those portions of the S $\frac{1}{2}$ NE $\frac{1}{4}$ of Section 35 which lie within Carson City, the S $\frac{1}{2}$ of Section 36, the NE $\frac{1}{4}$ of Section 36, and those portions of the SW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 36 which lie within Carson City.

Township 16 North, Range 20 East, M.D.M.

Sections 28, 29, 31, 32, 33, 34, 35, the W $\frac{1}{2}$ of Section 36, and those portions of the E $\frac{1}{2}$ of Section 36 which lie within Carson City.

Lyon County Utilities Department Service Area

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Section 24, the E $\frac{1}{2}$ of Section 25, those portions of the W $\frac{1}{2}$ of Section 25 which lie within Lyon County, the portions of the NE $\frac{1}{4}$ and the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 36 which lie within Lyon County.

Township 16 North, Range 21 East, M.D.M.

Section 1, the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 2, Sections 11, 12, 13, 14, 19, 20, 23, 24, 26, 27, 28, 29, 30, the N $\frac{1}{2}$ of Section 31, the portion of the S $\frac{1}{2}$ of Section 31 which lies within Lyon County, the N $\frac{1}{2}$ of Section 32, the N $\frac{1}{2}$ of Section 33, the N $\frac{1}{2}$ of Section 34, and the N $\frac{1}{2}$ of Section 35.

Township 16 North, Range 22 East, M.D.M.

Sections 3, 4, 5, 6, 7, 8, 9, the N $\frac{1}{2}$ of Section 16, Sections 17, 18, 19, and 20.

Township 17 North, Range 22 East, M.D.M.

The portion of the S $\frac{1}{2}$ of Section 21 which lies within Lyon County, the S $\frac{1}{2}$ of Section 22, the portion of the N $\frac{1}{2}$ of Section 22 which lies within Lyon County, Section 27, the S $\frac{1}{2}$ of Section 28, the NE $\frac{1}{4}$ of Section 28, the portion of the NW $\frac{1}{4}$ of Section 28 which lies within Lyon County, the SE $\frac{1}{4}$ of Section 29, those portions of the SW $\frac{1}{4}$, NW $\frac{1}{4}$, and NE $\frac{1}{4}$ which lie within Lyon County, the portion of the S $\frac{1}{2}$ of Section 30 which lies within Lyon County, the S $\frac{1}{2}$ of Section 31, the NE $\frac{1}{4}$ of Section 31, the portion of the NW $\frac{1}{4}$ of Section 31 which lies within Lyon County, Sections 32, 33, 34, and 35.

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Within the SE 1/4 NW 1/4 Section 14, T.15 N., R.20 E., M.D.M., or at a point from which the W 1/4 corner of said Section 14 bears South 72° 09' 56" West a distance of 2,723 feet. See supporting map filed with this Application.
6. The existing point of diversion is located within (If point of diversion is not changed, do not answer.)
The NE 1/4 SW 1/4 Section 14, T.15 N., R.20 E., M.D.M., or at a point from which the SW corner of said Section 14 bears South 46° 20' 00" West a distance of 3,240.00 feet. (Induction Well #25). See supporting maps filed under Application 36693 and this Application.

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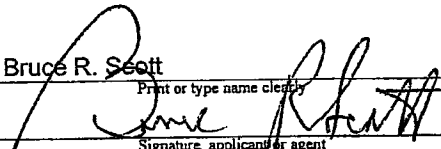
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