

Item # 60

**City of Carson City
Agenda Report**

Date Submitted: December 26, 2008

Agenda Date Requested: January 5, 2008
Time Requested: 5 Minutes

To: Mayor and Supervisors

From: Public Works Department

Subject Title: Action to recommend that the Nevada State Engineer approve Water Application 77454 for the use of water from Carson City Well Number 40 (Morgan Mill) to serve users within the combined water service area of Carson City Water Utility, as well as the Dayton Valley portion of the service area of Lyon County Utilities.

Staff Summary: This water application proposes to assign Dayton Valley water rights owned by Lyon County to Carson City's Well 40. The use of groundwater from Carson City Well Number 40, pursuant to the agreement with Lyon County, will 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 Application 77454 for the use of water from Carson City Well Number 40 (Morgan Mill) to serve users within the combined water 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: This water application proposes to assign Dayton Valley water rights owned by Lyon County to Carson City's Well 40. The use of groundwater from Carson City Well 40, pursuant to the agreement with Lyon County, will 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 this agreement.

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: Copy of Application

Prepared By: Ken Arnold, Deputy Public Works Director

Reviewed By:

[Signature]
(Department Head)

Date: 12/23/08

[Signature]
(City Manager)

Date: 12/23/08

[Signature]
(District Attorney)

Date: 12/23/08

[Signature]
(Finance Director)

Date: 12/23/08

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 OCT 06 2008

Returned to applicant for correction _____

Corrected application filed _____ Map filed _____

The applicant Lyon County Utilities

P.O. Box 1699 of Dayton

Street Address or P.O. Box City or Town

Nevada 89403, 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 50653

1. The source of water is Underground
Name of stream, lake, underground, spring or other sources.
2. The amount of water to be changed 1.04 c.f.s., 752.95 A.F.A.
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 Quasi-Municipal and Domestic
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.)
SW¼ NW¼ Section 11, T. 15 N., R. 20 E., M.D.M., or at a point from which the NW corner of said Section 11 bears North 13° 15' 27" West, a distance of 2.026 feet. Please use map under 48884 to support the proposed Point of Diversion.
6. The existing point of diversion is located within (If point of diversion is not changed, do not answer.)
SE¼ NW¼ Section 7, T. 16 N., R. 21 E., M.D.M., or at a point from which the W¼ corner of said Section 7 bears South 63° 59' 29" West, a distance of 2.744 feet. Please use map under 50653 to support the existing Point of Diversion.

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. Please use supporting map filed under Application 76868-T to support the proposed Place of Use.

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.)

NE¼, S½ Section 24; NE¼, E½ SE¼ Section 25; NE¼ NE¼, portion S½ NE¼, portion NE¼ SE¼ Section 36; all in T. 16 N., R. 20 E., M.D.M.; All of Section 19; SW¼ Section 20; W¼, SE¼, S½ NE¼, NW¼ NE¼ Section 29; All of Section 30; All of Section 31 within Lyon County; all in T. 16 N., R. 21 E., M.D.M.; not to include any area within Carson City as shown on the map filed under 47997.

9. Proposed use will be from January 1 to December 31 of each year.
Month and Day Month and Day

10. Existing use permitted from January 1 to December 31 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.)
See attached.

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

13. Estimated time required to construct works Works constructed - in final testing process
If well completed, describe well.

14. Estimated time required to complete the application of water to beneficial use 5 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.)
See attached.

16. Miscellaneous remarks:

Please send copies of all correspondence to Carson City Utilities, 3505 Butti Way, Carson City, NV 89701, Attn: Ken Arnold. A temporary Application to Change is also being filed with this Application.

(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**

STATE ENGINEERING

9-130 0002

\$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 of Section 29 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.

Attachment to Permanent Application to Change Permit 50653

Item #11:

Existing Carson City Well (#40 – Morgan Mill), pipeline connection from the Carson City system to a new tank near the Lyon County – Carson City line to deliver water to the existing Moundhouse system and ultimately the Dayton area as well.

Item #15:

The well is presently permitted and operational serving the Carson City municipal system. A pipeline booster pump station and storage tank to deliver water to the Moundhouse area have been constructed and are presently in the final completion, testing, and disinfection stage.

A temporary Application to Change is also being filed for this proposed change because the existing booster pump station serving Moundhouse from the Dayton area is in poor condition and may fail at any time leaving Moundhouse without sufficient water for fire and domestic demands. The connection to Carson City is part of the water agreement between the two counties. The potential failure of the Moundhouse booster pumps has caused the need to immediately place the new connection into service.