

**City of Carson City  
Agenda Report**

**Date Submitted:** August 19, 2011

**Agenda Date Requested:** September 1, 2011  
**Time Requested:** 10 minutes

**To:** Mayor and Supervisors

**From:** Public Works Department

**Subject Title:** For Possible Action; Action to adopt, on second reading, Bill NO. 114, an ORDINANCE AMENDING TITLE 12, WATER, SEWERAGE AND DRAINAGE, CHAPTER 12.01, WATER CONNECTION CHARGES AND USE RATES, SECTION 12.01.020, SCHEDULE OF RATES, BY INCREASING RATES 5% EFFECTIVE ON BILLS DATED ON OR AFTER OCTOBER 1, 2011; AMENDING SECTION 12.01.030, SCHEDULE OF WATER CONNECTION CHARGES, LATERAL AND METER BOX SETS, AND METER SET FEES, BY INCREASING CHARGES AND FEES BY 5% ON BILLS DATED ON OR AFTER OCTOBER 1, 2011, AND OTHER MATTERS PROPERLY RELATING THERETO. ( ANDREW BURNHAM)

**Staff Summary:** The proposed rate increase of 5% is necessary for debt service (4%) and to provide for increased operations and maintenance costs (1%) which include power costs, chemicals, and water sampling costs.

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

**Does This Action Require A Business Impact Statement:** (XX) Yes, Completed  No

**Recommended Board Action:** I move to adopt, on second reading, Bill NO. 114 an ORDINANCE AMENDING TITLE 12, WATER, SEWERAGE AND DRAINAGE, CHAPTER 12.01, WATER CONNECTION CHARGES AND USE RATES, SECTION 12.01.020, SCHEDULE OF RATES, BY INCREASING RATES 5% EFFECTIVE ON BILLS DATED ON OR AFTER OCTOBER 1, 2011; AMENDING SECTION 12.01.030, SCHEDULE OF WATER CONNECTION CHARGES, LATERAL AND METER BOX SETS, AND METER SET FEES, BY INCREASING CHARGES AND FEES BY 5% ON BILLS DATED ON OR AFTER OCTOBER 1, 2011, AND OTHER MATTERS PROPERLY RELATING THERETO.

**Explanation for Recommended Board Action:** The proposed 5% rate increase will provide funding to support the required capital program. This year's rate increase is allocated for debt service (4%) and increased operations and maintenance costs (1%). The current fiscal year capital program is to principally support water main relocations for Phase 2 of the Carson City Freeway relative to the Snyder Avenue overpass structure and drainage improvements for the future freeway and for water right and land purchases relating to Ash Canyon water tanks access.

Staff gave notice to the public on July 13, 2011, through the Nevada Appeal, in addition to providing the proposed ordinance revisions and Business Impact Statement to the Builder's Association of Western Nevada, Manufacturer's Association, and the Chamber of Commerce.

**Applicable Statute, Code, Policy, Rule or Regulation:** N/A

**Fiscal Impact:** Increased revenues of approximately \$600,000.

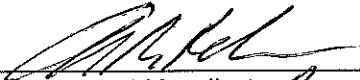
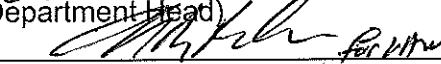
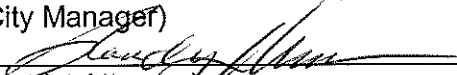
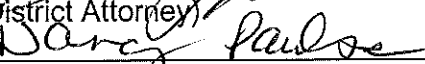
**Explanation of Impact:** Less debt financing will be required.

**Funding Source:** NA

**Alternatives:** Do Not Approve; Modify; Give additional direction to staff.

**Supporting Material:** Revised CCMC Chapter 12.01

Prepared By: Ken Arnold, Environmental Manager

Reviewed By:  Date: 8-23-11  
(Department Head)  
Concurrences:  For the Date: 8-23-11  
(City Manager)  
 Date: 8/23/11  
(District Attorney)  
 Date: 8/23/11  
(Finance Director)

Board Action Taken:

Motion: \_\_\_\_\_ 1) \_\_\_\_\_ Aye/Nay  
2) \_\_\_\_\_ \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
(Vote Recorded By)

ORDINANCE NO. \_\_\_\_\_

BILL NO. 114

ORDINANCE AMENDING TITLE 12, WATER, SEWERAGE AND DRAINAGE, CHAPTER 12.01, WATER CONNECTION CHARGES AND USE RATES, SECTION 12.01.020, SCHEDULE OF RATES, BY INCREASING RATES 5% EFFECTIVE ON BILLS DATED ON OR AFTER OCTOBER 1, 2011; AMENDING SECTION 12.01.030, SCHEDULE OF WATER CONNECTION CHARGES, LATERAL AND METER BOX SETS, AND METER SET FEES, BY INCREASING CHARGES AND FEES 5% ON BILLS DATED ON OR AFTER OCTOBER 1, 2011, AND OTHER MATTERS PROPERLY RELATING THERETO.

THE BOARD OF SUPERVISORS OF CARSON CITY DO ORDAIN:

SECTION I:

That Section 12.01.020 of the Carson City Municipal Code is hereby amended as follows:

**12.01.020 Schedule of rates.**

1. The schedule of rates for the water facilities and service furnished by the Carson City water system, which rates are based upon the costs of financing, constructing, operating, maintaining, repairing and replacing the system, are set forth in subsection 2 of this section.

2. The monthly rate for each service shall be computed as follows, unless otherwise required by this chapter:

**DOMESTIC/RESIDENTIAL SERVICE**

Applicability:

Applicable to water service to commercial and residential customers as defined in this chapter.

Residential monthly service charge:

Meter Size	Amount
5/8"	<del>[\$12.08]</del>
	\$21.00 [(eff. 7/01/10)] \$22.05 (eff. 10/01/11)
1"	<del>[\$20.29]</del>
	\$32.00 [(eff. 7/01/10)] \$33.60 (eff. 10/01/11)
1-1/2"	<del>[\$32.35]</del>
	\$47.50 [(eff. 7/01/10)] \$49.88 (eff. 10/01/11)

Meter Size	Amount
2"	[\$40.57] \$58.50 [(eff. 7/01/10)] \$61.43 (eff. 10/01/11)
3"	[\$60.87] \$85.00 [(eff. 7/01/10)] \$89.25 (eff. 10/01/11)
4"	[\$81.18] \$112.00 [(eff. 7/01/10)] \$117.60 (eff. 10/01/11)
6"	[\$121.70] \$165.00 [(eff. 7/01/10)] \$173.25 (eff. 10/01/11)

Residential monthly commodity charge:

First 5,000 gallons per month	
	[0.81 per 1,000 gallons] \$0.00 per 1,000 [thousand (eff. 7/01/10)]
Next 25,000 gallons per month	
	[\$1.20 per 1,000 gallons] \$1.75 per 1,000 gallons [(eff. 7/01/10)] \$1.84 per 1,000 gallons (eff. 10/01/11)
Next 20,000 gallons per month	
	[\$1.68 per 1,000 gallons] \$3.00 per 1,000 gallons [(eff. 7/01/10)] \$3.15 per 1,000 gallons (eff. 10/01/11)
Over 50,000 gallons per month	
	[\$3.00 per 1,000 gallons] \$4.75 per 1,000 gallons [(eff. 7/01/10)] \$4.99 per 1,000 gallons (eff. 10/01/11)

### COMMERCIAL SERVICE

Commercial monthly service charge:

Meter Size	Amount
5/8"	\$23.00 [(eff. 7/01/10)] \$24.15 (eff. 10/01/11)
1"	\$35.00 [(eff. 7/01/10)] \$36.75 (eff. 10/01/11)
1 1/2"	\$52.25 [(eff. 7/01/10)] \$54.86 (eff. 10/01/11)
2"	\$65.00 [(eff. 7/01/10)]

	\$68.25 (eff. 10/01/11)
3"	\$95.00 <del>[(eff. 7/01/10)]</del> \$99.75 (eff. 10/01/11)
4"	\$125.00 <del>[(eff. 7/01/10)]</del> \$131.25 (eff. 10/01/11)
6"	\$185.00 <del>[(eff. 7/01/10)]</del> \$194.25 (eff. 10/01/11)
10"	\$460.00 <del>[(eff. 7/01/10)]</del> \$483.00 (eff. 10/01/11)

Commercial monthly commodity charge:

First 5,000 gallons per month	
	\$0.00 per 1,000 gallons <del>[(eff. 7/01/10)]</del>
Next 14,000 gallons per month	
	\$1.60 per 1,000 gallons <del>[(eff. 7/01/10)]</del>
	\$1.68 per 1,000 gallons (eff. 10/01/11)
Next 30,000 gallons per month	
	\$2.40 per 1,000 gallons <del>[(eff. 7/01/10)]</del>
	\$2.52 per 1,000 gallons (eff. 10/01/11)
Over 50,000 gallons per month	
	\$3.70 per 1,000 gallons <del>[(eff. 7/01/10)]</del>
	\$3.89 per 1,000 gallons (eff. 10/01/11)

### WATER TRUCK WATER SERVICE

Applicability:

Applicable to all users who are permitted to take water from hydrants or standpipes, excluding city.

Commodity charge:

The charge shall be ~~[\$25.60;]~~ \$26.00 ~~[(eff. 7/01/10)]~~; \$27.30 (eff. 10/01/11) per month service charge plus a commodity rate equal to the highest commodity charge for commercial water service for each 1,000 gallons.

## FIRE FLOW TESTING

Applicability:

Applicable to all requests for fire flow information, as defined in this chapter.

Cost to perform fire flow testing:	<del>[\$74.57]</del> \$76.00 [(eff. 7/01/10)] \$79.80 (eff. 10/01/11)
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## WATERLINE HOT TAP FEES

Applicability:

Applicable to water maintenance hot tap services for the tapping of water mains ranging in size from 4 inches to 12 inches.

Waterline hot tap fees shall be:	
Each hot tap, including tap machine, one hour of work and related equipment	<del>[\$662.24]</del> \$690.00 [(eff. 7/01/10)] \$724.50 (eff. 10/01/11)
Man hours Additional:	
2-Man crew—per hour	<del>[\$95.72]</del> \$100.00 [(eff. 7/01/10)] \$105.00 (eff. 10/01/11)
Standby—2 Man crew-per hour	<del>[\$95.72]</del> \$100.00 [(eff. 7/01/10)] \$105.00 (eff. 10/01/11)
Equipment hours Additional:	
Per piece of equipment	<del>[\$25.60]</del> \$26.00 [(eff. 7/01/10)] \$27.30 (eff. 10/01/11)
Mileage, round trip, to service out-of-city customers-per mile	The charge will be based on the IRS standard mileage rate for business miles driven
Return trip-Minimum fee per trip (not including mileage and equipment)	<del>[\$189.21]</del> \$200.00 [(eff. 7/01/10)] \$210.00 (eff. 10/01/11)

3. The directors of the public works and finance departments shall conduct an annual review of the water system contribution of users and user classes, the total costs of operation and maintenance of the water system, the schedule of rates and the schedule of water connection charges and tapping fees set forth in Section 12.01.030, and submit a report to the board with the annual budget, but no later than April 1st each calendar year summarizing the review and containing recommendations for rate adjustments as necessary to:

A. Maintain the proper proportionate distribution of operation and maintenance costs among users and user classes;

B. Assure generation of sufficient revenue to pay the total operation and maintenance costs necessary to the proper operation and maintenance (including replacement) of the water system.

(Ord. 2008-8 § 2, 2008: Ord. 2007-3 § 1, 2007: Ord. 2005-6 § 1, 2005: Ord. 2003-11 § 1, 2003: Ord. 1999-14, 1999: Ord. 1993-44 § 2, 1993: Ord. 1991-67 § 2, 1991: Ord. 1991-12 § 2, 1991: Ord. 1988-16 § 1, 1988: Ord. 1986-42 § 1, 1986: Ord. 1984-39 § 1, 1984: Ord. 1983-11 § 1, 1983: Ord. 1982-8 § 2 (part), 1982).

(Ord. No. 2009-9, § I, 6-18-2009)

## SECTION II:

That Section 12.01.030 of the Carson City Municipal Code is hereby amended as follows:

### **12.01.030 Schedule of water connection charges, lateral and meter box sets, and meter set fees.**

1. The water connection charges are as follows:

	<b>WERC</b>
Single-family residence	1.0
Duplex (each living unit)	1.0
Apartment (each living unit)	0.5
Mobilehome individual lot	1.0
Mobilehome park (each pad)	0.5

For the purpose of determining water connection charges, the water equivalent residential customer value, or portion thereof, is based upon a fee of \$454.00 per one WERC for every connection. For all other water connections not specified above, the connection charge is based on the "total WERCs" of the proposed development (Example: 1,250 gallons per day divided by 550 gallons per WERC equals 2.27 WERCs; 2.27 WERCs times \$454.00 per WERC equals \$1,030.58). The public works director or designee will assign a total WERC value to each development based on

water usage information provided to the city through completion and submittal of water usage information data or from previously supplied data generated through the review of similar or like uses and/or developments.

2. All fees for connection to the city water system shall be collected prior to the issuance of a building permit for construction, unless otherwise required by this chapter.

3. On or before September 30, 2011, the Board of Supervisors will, at a properly noticed and agendized public meeting, review the effects of the amendment to this section.

### CITY INSTALLED SERVICE

**Applicability:**

All connections to the city water system by the city will include all piping, connectors, trenching, backfill and resurfacing necessary to install a service lateral and make its connection to an adjacent and acceptable main waterline. The city will also furnish, install and connect a water meter box or pit setter to the service lateral, and furnish and install a radio frequency water meter of the size ordered by the customer, in accordance with the following fee schedule:

<b>Lateral and Meter Size</b>	<b>City Installed Service</b>
5/8"	[\$1,430.21]
	\$1,450.00 [(eff. 7/1/10)] \$1,522.50 (eff. 10/01/11)
1"	[\$1,679.52]
	\$1,700.00 [(eff. 7/01/10)] \$1,785.00 (eff. 10/01/11)
1-1/2"	[\$2,635.58]
	\$2,700.00 \$2,835.00 (eff. 10/01/11)
2"	[\$3,452.53]
	\$3,500.00 [(eff. 7/01/10)] \$3,675 (eff. 10/01/11)
3"	[\$5,524.93]
	\$5,600.00 [(eff. 7/01/10)] \$5,880.00 (eff. 10/01/11)
4"	[\$9,108.79]
	\$9,290.00 [(eff. 7/01/10)] \$9,754.45 (eff. 10/01/11)
6"	[\$13,349.32]
	\$13,600.00 [(eff. 7/01/10)] \$14,280.00 (eff. 10/01 /11)



## CITY INSTALLED DUAL PIT SETTER

**Applicability:**

The city will install water service to supply 2 separate customers through a dual pit setter connected to an adjacent and acceptable main waterline by a 1-inch service lateral. This service will include all connectors, trenching, backfill and resurfacing necessary to accomplish the installation to supply the 2 adjoining customers, parcels or developments. The fee for this installation is [~~\$1,507~~]; \$1,550.00 [(~~eff. 7/01/10~~)]; \$1,627.50 (eff. 10/01/11). Each 5/8-inch water meter furnished and installed in the dual pit setter will cost an additional [~~\$380.65~~]; \$390.00 [(~~eff. 7/01/10~~)]; \$409.50 (eff. 10/01/11).

## CUSTOMER INSTALLED SERVICE

**Applicability:**

All connections to the city water system by persons other than city will be performed by persons properly licensed by the [state] State of Nevada and Carson City to accomplish the type of work contemplated, and all work performed and all materials placed will be in accordance with the Carson City Code of Standard Specifications for Public Works Construction. Prior to placement of a customer installed service, the applicable meter and meter set fee under the following schedule must be remitted. Under this fee schedule, no other work will be performed and no materials other than the prescribed water meter if requested by the customer, will be furnished by Carson City.

Meter Size	Contractor Installed Service
5/8"	<del>[\$380.65]</del>
	\$390.00 [( <del>eff. 7/01/10</del> )] <u>\$409.50 (eff. 10/01/11)</u>
1"	<del>[\$455.22]</del>
	\$470.00 [( <del>eff. 7/01/10</del> )] <u>\$493.50 (eff. 10/01/11)</u>
1-1/2"	<del>[\$618.83]</del>
	\$630.00 [( <del>eff. 7/01/10</del> )] <u>\$661.50 (eff. 10/01/11)</u>
2"	<del>[\$761.29]</del>
	\$780.00 [( <del>eff. 7/01/10</del> )] <u>\$819.00 (eff. 10/01/11)</u>
3"	<del>[\$2,190.38]</del>
	\$2,230.00 [( <del>eff. 7/01/10</del> )] <u>\$2,341.50 (eff. 10/01/11)</u>
4"	<del>[\$3,716.31]</del>
	\$3,800.00 [( <del>eff. 7/01/10</del> )]

	\$3,990.00 (eff. 10/01 /11)
6"	<del>[\$6,893.92]</del>
	\$7,000.00 <del>[(eff. 7/01/10)]</del>
	\$7,350.00 (eff. 10/01/11)

4. The applicable meter and meter set fees described above include 1 trip by the public works department to set the meter. If additional trips are required as a result of failure by the customer to complete all requirements of the permit for installation of the water service, the customer will be assessed a fee of ~~[\$82.36;]~~ \$85.00 ~~[(eff. 7/01/10)]~~; \$89.25 (eff. 10/01/11) on the building permit for each return trip, extenuating circumstances as approved by the public works director or designee may be cause for exemption of this requirement.

5. The connection charges described above do not apply for service under "private fire protection" provided no other service or connections are made to that line.

(Ord. 2008-8 § 3, 2008: Ord. 2007-3 § 2, 2007: Ord. 2005-6 § 2, 2005: Ord. 2003-11 § 2, 2003: Ord. 1997-61 § 1, 1997: Ord. 1997-52 § 1, 1997: Ord. 1996-12 § 1, 1996: Ord. 1994-60 § 1, 1994: Ord. 1993-44 § 3, 1993: Ord. 1991-12 § 3, 1991: Ord. 1990)

(Ord. No. 2009-9, § II, 6-18-2009; Ord. No. 2009-23, § I, 10-1-2009)

**SECTION III:**

That no other provisions of the Carson City Municipal Code are affected by this ordinance.

PROPOSED August 4<sup>th</sup>, 2011.

PROPOSED BY Supervisor McKenna

PASSED \_\_\_\_\_ (month) \_\_\_\_\_ (day), 2011.

VOTE: AYES: SUPERVISORS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

NAYS: SUPERVISORS: \_\_\_\_\_

\_\_\_\_\_

ABSENT: SUPERVISORS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Robert L. Crowell, Mayor

ATTEST:

\_\_\_\_\_  
ALAN GLOVER, CLERK/RECORDER.

This ordinance shall be in force and effect from and after the \_\_\_\_\_ day of the month of \_\_\_\_\_ of the year, 2011.