

2019 Water and Sewer Rates in the Carson River Watershed

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Introduction:

The central purpose of Carson Water Subconservancy District’s (CWSD) advisory report “Water and Sewer Rates in the Carson River Watershed” is to collect and publish the water and sewer rates of the 13 major water purveyors in our watershed. This report is made available to each water purveyor and to the general public via our website www.cwsd.org.

We appreciate the time and effort water purveyor staff members in providing and checking the data in this report:

Table 1.1 Major Water Purveyors in the Carson River Watershed

Carson City Public Works	Lyon County Utilities
Churchill County Public Works	Town of Minden
Douglas County Public Works	Minden Gardnerville Sanitation District
City of Fallon	Silver Springs Mutual Water Company
Gardnerville Ranchos General Improvement District	Stagecoach General Improvement
District Gardnerville Water Company	Storey County Public Works
Indian Hills General Improvement District	

This report includes a water data sheet followed by a sewer data sheet for each water purveyor. On the water rate data sheet, general information about each water entity includes:

- ✓ service area population
- ✓ annual demand
- ✓ total service connections separated into customer classes
- ✓ percentage of metered and unmetered connections
- ✓ Number of re-use connections
- ✓ bill frequency
- ✓ unidentified system losses
- ✓ if entity has a conservation plan and reason for doing so
- ✓ date the current water rate became effective

Water rates include base rate and volume charge for water for both residential and commercial users (Appendix A). In addition, connection fees and storm water fees are also listed if applicable. Highlights of changes in water rates follow in the next section, Summary of Water Rate Changes.

Sewer rates are included for each water purveyor in Appendix B. Minden Gardnerville Sanitation District (MGSD) provides sewer service to Gardnerville Ranchos General Improvement District, Gardnerville Water Company, and Town of Minden. MGSD bills Gardnerville and Minden residents directly. However, Gardnerville Ranchos General Improvement District, through an agreement with MGSD, collects sewer fees. The Stagecoach General Improvement District service area only has septic systems; therefore, sewer rates are not applicable. Lyon County provides sewer service in two areas of the county: Dayton, Moundhouse area and within Silver Springs Mutual Water Company's service area.

For information purposes, Truckee Meadow Water Authority's (TMWA) water rates, are included in this report. TMWA also has different rate schedules for former service areas of STMGID and Washoe County. TMWA's latest rate schedule can be accessed via their website, <https://tmwa.com/>, or from hyperlinks listed on the bottom of TMWA's rate sheet page in Appendix A.

Summary of Water Rate Changes:

Several entities increased their water rates over the past year. Of these, several water purveyor's boards have approved water rate increases for multiple years. Indian Hills GID, Stagecoach GID, and Storey County continue to increase water rates annually. Carson City, Douglas County, and Lyon County are currently in the process of evaluating their water and sewer rates. Table 2.1 summarizes water rate changes made in 2018.

Table 2.1 Summary of Water Rate Changes in 2018

2018 Water Rate Changes	
Water Purveyor	Approved Annual Increase Date
Churchill County Public Works	2.5% Annual Increase Effective 1/1
Douglas County Public Works	Increases July 1 annually through 6/30/2019; conducting rate study
Indian Hills General Improvement District	Increase annually 9/1 through 6/30/2019
Lyon County Utilities	Increase annually 7/1 through 6/30/2019; may conduct rate study later in 2019
Stagecoach General Improvement District	Effective July 1, 2019, 2020, 2021 and 2022 a base-rate increase of \$1 to monthly Residential and Commercial Water Service

Table 2.2 Summary of Unchanged Water Rates in 2018

Unchanged Water Rates in 2018	
Water Purveyor	Approved Annual Increase Date
Carson City Public Works	Conducting Rate Study
City of Fallon	
Gardnerville Ranchos General Improvement District	
Gardnerville Water Company	Increased Impact Fees
Town of Minden	
Minden Gardnerville Sanitation District	
Storey County	

Summary of Sewer Rate Changes:

The sewer rate increases over the past year are listed below. Several water purveyors have sewer rate increases that have been approved for multiple years by their respective boards.

Table 3.1 Summary of Sewer Rate Changes in 2018

2018 Sewer Rate Changes	
Water Purveyor	Approved Annual Increase Date
Churchill County Public Works	2.5% Annual Increase Effective 1/1
Douglas County Public Works	Increases July 1 annually through 6/30/2019
Indian Hills General Improvement District	Increase annually 9/1 through 6/30/2019
Lyon County Utilities	Increase annually 7/1 through 6/30/2019.

Table 3.2 Summary of Unchanged Sewer Rates in 2018

Unchanged Sewer Rates	
Water Purveyor	Approved Annual Increase Date
Carson City Public Works	Conducting Rate Study
City of Fallon	
Gardnerville Ranchos General Improvement District	Provided by MGSD
Gardnerville Water Company	Provided by MGSD
Town of Minden	Provided by MGSD
Minden Gardnerville Sanitation District	
Lyon County - Silver Springs	
Storey County	
Stagecoach GID	N/A -Septic Only

Appendix A: Water Rate Sheets

Carson City Water Rates

Carson City

Water Rates as of January 2019

Base Rate

Meter Size	Monthly Base Rate:
≤ 5/8"	\$ 27.39
1"	\$ 41.68
1 1/2"	\$ 62.22
2"	\$ 77.41
3"	\$ 113.14
4"	\$ 148.87
6"	\$ 220.33
10"	\$ 547.84
Single Family Residential Usage Chg per k/gal* 0 - 5 @ \$1.76 ≥ 6 ≤ 30 @\$3.07 > 30 @\$4.91	
Multifamily Residential \$ 1.99 per k/gal Base Rate \$9.70 Per Unit	
Commercial \$ 3.53 per k/gal Large Commercial \$ 3.71 per k/gal	Industrial / Manufacturing \$ 3.71 per k/gal

Carson City

Connection Fees:		Residential and Commercial:	
Meter Size		Meter & Service Installation (city installed)	
≤ 5/8"	\$2,246.00	≤ 5/8"	\$1,522.50
1"	\$5,342.00	1"	\$1,785.00
1 1/2"	\$3,731.00	1 1/2"	\$2,835.00
2"	\$3,731.00	2"	\$3,675.00
3"	\$3,731.00	3"	\$5,880.00
4"	\$3,731.00	4"	\$9,754.45
6"	\$3,731.00	6"	\$14,280.00
Multifamily per unit	\$710.00		

1 1/2" and larger meter charge is based on maximum day GPM

Stormwater Rates:	N/A
Classification:	Monthly Rate
Single Family Property	\$5.69
Multi Family Property	\$29.33
Public Property	\$32.03
Manufacturing Property	\$38.13
Commercial Property	\$40.96

Questions:

Do you anticipate a rate increase in 2019? Yes

Are rates posted on your website: Yes

https://library.municode.com/nv/carson_city/codes/code_of_ordinances

General information on your service area :

Population of Service Area: 54,115

Annual Demand (AF): 9,960

Service Connections: 17,148

Residential: 15,310

Mutli-Family: Not split out

Commercial: 1,711

Irrigation: not split out

Other: 127

Metered Connections: 100%

Unmetered Connections: 0

Re-Use Connections: 5

Bill Frequency: monthly

Unidentified

System Losses: <7%

Conservation Plan: Yes

Reason for

Water Conservation: Water Conservatic

Churchill County Water Rates

Churchill County

Water Rates As Of January 2019

Base Rate

Meter Size	Monthly Base Rate:
≤ 5/8"	\$ 51.10
1"	\$ 51.10
1 1/2"	\$ 76.60
2"	\$ 119.40
3"	\$ 249.00
4"	\$ 362.20
6"	\$ 724.30
10"	n/a
Single Family Residential Usage Chg per k/gal* 0 - 6@ \$2.10 ≥ 6 ≤ 20 @\$2.60 > 20 @\$3.15	
Multifamily Residential Usage Chg per k/gal* Meter charge priced based on meter size + \$37.70 0 - 6@ \$2.10 ≥ 6 ≤ 20 @\$2.60 > 20 @\$3.15	
Small Commercial Usage Chg per k/gal* \$ 76.60 base rate 0 - 6@ \$2.10 ≥ 6 ≤ 20 @\$2.60 > 20 @\$3.15	Industrial / Manufacturing Usage Chg per k/gal* \$76.60 base rate 0 - 20k @ .0025 >20k < 40k @ .0030 >40k < 60k @ .0030 >60k @ .0040
Large Commercial Usage Chg per k/gal* \$76.60 base rate	

Churchill County

Connection Fees:

Residential:	≤ 3/4"	\$7,200
	1"	\$7,200
Commercial:	≤ 3/4"	\$7,000
	N/A	\$7,600
	1 1/2"	\$9,200
	2"	\$11,000

Commercial Connection Fees calculated by **Water Equivalent Residential Customer (WERC)** value: 1
WERC = 550 gpd; fee per WERC = \$454.00

Stormwater Rates:	N/A
Classification:	Monthly Rate
Single Family Property	\$0.00
Multi Family Property	\$0.00
Public Property	\$0.00
Manufacturing Property	\$0.00
Commercial Property	\$0.00

Questions:

Do you anticipate a rate increase in 2019? 2.5% annually

Are rates posted on your website: Yes/No Yes

<http://nv-churchillcounty.civicplus.com/index.aspx?NID=105>

General information on your service area :

Population of Service Area: 705

Annual Demand (AF): 153

Service Connections: 286

Residential: 272

Mutli-Family: 3

Commercial: 11

Irrigation: 0

Other: 0

Metered Connections: 286

Unmetered Connections: 0

Re-Use Connections: 0

Bill Frequency: monthly

Unidentified

System Losses: 8.20%

Conservation Plan: Yes, 2014

Reason for

Water Conservation: Long-term sustainability

Douglas County Water Rates

Douglas County - Carson Valley

Water Rates As Of January 2019 (Effective July 1, 2018 - June 30, 2019)

Residential Base Rate

Meter Size	Monthly Base Rate:
≤ 5/8"	\$ 25.62
3/4"	\$ 25.62
1"	\$ 52.96
1 1/2"	\$ 97.87
2"	\$ 153.29

Commercial Base Rate

Meter Size	Monthly Base Rate:
≤ 5/8"	\$ 29.98
3/4"	\$ 29.98
1"	\$ 63.86
1 1/2"	\$ 119.69
2"	\$ 188.19
3"	\$ 383.60
4"	\$ 588.39
6"	\$ 1,153.94
8"	\$ 1,831.62

Irrigation Base Rate

Meter Size	Monthly Base Rate:
≤ 5/8"	\$ 16.04
3/4"	\$ 16.04
1"	\$ 29.01
1 1/2"	\$ 49.98
2"	\$ 76.65
3"	\$ 160.54
4"	\$ 239.85

Douglas County - Carson Valley

Single Family Residential Usage Chg per k/gal* 0≥8@\$2.58 >9-24@ \$3.21 >24@\$4.63
Multifamily Residential Usage Chg per k/gal* N/A
Commercial Usage Chg per k/gal All @ \$3.19
Irrigation Usage Chg per k/gal All at \$3.43
Large Commercial Usage Chg per k/gal N/A

N/A

Connection Fees:

Meter Size		
≤ 5/8"	\$	4,219.00
3/4"	\$	4,219.00
1"	\$	10,548.00
1 1/2"	\$	21,096.00
2"	\$	33,753.00
3"	\$	67,506.00
4"	\$	105,479.00
6"	\$	210,958.00
8"	\$	337,532.00

Stormwater Rates:

Classification:	Monthly Rate
Single Family Property	\$0.00
Multi Family Property	\$0.00
Public Property	\$0.00
Manufacturing Property	\$0.00
Commercial Property	\$0.00

Douglas County - Carson Valley

Questions:

Do you anticipate a rate increase in 2019? Yes - rate review currently in progress

Are rates posted on your website: Yes

https://www.douglascountynv.gov/UserFiles/Servers/Server_12493019/File/Visitors/Dept/Public%20Works/Water%20Utility%20and%20Rates/Carson%20Valley%20Water%20Rates%20Resolution%202014R-029.pdf

General information on your service area :

Population of Service Area: 6,043

Annual Demand (AF): 1,993

Service Connections:

Residential: 2,417

Mutli-Family:

Commercial: 248

Irrigation: 119

Other: 11 Hydrant and Construction Meters

Metered Connections: 2795

Unmetered Connections: 0

Re-Use Connections: 1 Bently Ranch

Bill Frequency: Monthly

System Losses:

Conservation Plan: Yes

Reason for

Water Conservation:

City of Fallon Water Rates

City of Fallon

Water Rates as of January 2019

Base Rate

Meter Size	Monthly Base Rate:	Water Treatment Service Charge
3/4"	\$ 15.00	\$ 22.48
1"	\$ 33.18	\$ 37.55
1 1/2"	\$ 66.37	\$ 74.89
2"	\$ 107.02	\$ 119.87
3"	\$ 221.53	\$ 224.88
4"	\$ 321.05	\$ 374.88
6"	\$ 642.10	\$ 749.76

Single Family Residential	
Usage Chg. per 100 cubic ft.	
\$	1.07
Multifamily Residential	
Usage Chg. per 100 cubic ft.	
\$	1.07
Commercial	Industrial / Manufacturing
Usage Chg. per 100 cubic ft.	Usage Chg. per 100 cubic ft.
\$ 1.07	\$ 1.07
Large Commercial	
Usage Chg. per 100 cubic ft.	
\$	1.07

City of Fallon

Connection Fees:

Residential:		Meter & Service Installation		
	Meter Only			
	3/4"	\$298.00	\$ 4,000.00	\$1,500
	1"	\$400.00	\$ 8,000.00	\$2,500
	1 1/2"	\$662.00	\$ 16,000.00	\$5,000
	2"	\$986.00	\$ 25,600.00	\$8,000
	3"	\$2,500.00	\$ 64,000.00	\$15,000
	4"	\$3,829.00	\$ 160,000.00	\$25,000
	6"	\$0.00	\$ 320,000.00	\$50,000

Residential Connection Fees = 1 **Water Equivalent Residential Customer (WERC)** value: 1 WERC = 550 gpd; fee

Commercial:

Commercial Connection Fees calculated by **Water Equivalent Residential Customer (WERC)** value: 1 WERC =

Stormwater Rates:	N/A
Classification:	Monthly Rate
Single Family Property	\$0.00
Multi Family Property	\$0.00
Public Property	\$0.00
Manufacturing Property	\$0.00
Commercial Property	\$0.00

Questions:

Do you anticipate a rate increase in 2019? No
 Are rates posted on your website: No

Data From City last provided in 2016

General information on your service area :

Population of Service Area: 8,606
Annual Demand (AF): 2,334
Service Connections: 3,215
 Residential: 2,888
 Mutli-Family: 0
 Commercial: 327
 Irrigation: 0
 Other: 0
Metered Connections: 3,178
Unmetered Connections: N/A
Re-Use Connections: N/A
Bill Frequency: monthly
Unidentified
System Losses: N/A
Conservation Plan: Yes
Reason for
Water Conservation: N/A

Gardnerville Ranchos GID Water Rates

Gardnerville Ranchos General Improvement District

Water Rates as of January 2019

Residential/Commercial Rates:

	Monthly Base Rate:
	\$ 21.50
	Outside GRGID
	Monthly Base Rate:
	\$ 33.00
Residential/Commercial Rates:	
Usage Chg per k/gal*	
<10 In Base	
> 10 \$.90	

Connection Fees:

Service Size:	Connection Fee A*:	Connection Fee B:
3/4"	\$4,950	3/4" \$ 1,855
1"	\$8,250	1" \$ 2,790
1.5"	\$16,500	1.5" \$ 7,050
2"	\$26,400	2" \$ 13,350
2.5"	\$29,600	2.5" \$ 21,550
3"	\$52,800	3" \$ 32,375
4"	\$82,500	4" \$ 60,000

* Fee applies to any lot or parcel legally created within District through Douglas County's land Division Process after March 6, 2013. Rate also applies to Out -of-District connections.

Stormwater Rates: N/A

Classification:	Monthly Rate
Single Family Property	\$0.00
Multi Family Property	\$0.00
Public Property	\$0.00
Manufacturing Property	\$0.00
Commercial Property	\$0.00

Gardnerville Ranchos General Improvement District

Questions:

Do you anticipate a rate increase in 2019? No

Are rates posted on your website: Yes

<https://www.grgid.com/wp-content/uploads/2018/01/Water%20Rates.pdf>

General information on your service area :

Population of Service Area: 11,500

Annual Demand (AF): 3,100

Service Connections:

Residential: 3,610

Mutli-Family: 313

Commercial: N/A 51

Irrigation: 13

Other: Schools 3

Hydrant Meters 2

Metered Connections: 3,992

Unmetered Connections: 0

Re-Use Connections: 0

Gardnerville Water Company Water Rates

Gardnerville Water Company

Water Rates as of January 2019

Residential, Commercial & Irrigation:

Meter Size:	Bi-Monthly Base Rate:
3/4"	\$ 33.00
1"	\$ 46.00
1 1/2"	\$ 93.00
2"	\$ 116.00
3"	\$ 355.00
4"	\$ 448.00
6"	\$ 498.00
8"	\$ 548.00
Residential Rate: Usage Chg k/gal ≤8 in base >8@\$1.37	
Commercial Rate: Usage Chg k/gal ≤20@\$1.37 >20@\$1.96	
Irrigation Rate: Usage Chg k/gal ≤ 300,000 @\$1.47 > 300,000 @\$1.96	

Gardnerville Water Company

Connection Fees:

Standard Impact Fees - Residential		Standard Impact Fees - Commercial	
3/4" \$	14,120.00	3/4" \$	14,120.00
1" \$	16,763.00	1" \$	16,763.00
1 1/2" \$	22,102.00	1 1/2" \$	22,102.00
2" \$	36,098.00	2" \$	36,098.00
3" \$	51,619.00	3" \$	51,619.00
4" \$	65,799.00	4" \$	65,799.00
6" \$	98,719.00	6" \$	98,719.00
8" \$	136,399.00	8" \$	136,399.00

Stormwater Rates:

Classification:	Monthly Rate
Single Family Property	\$0.00
Multi Family Property	N/A
Public Property	\$0.00
Manufacturing Property	\$0.00
Commercial Property	\$0.00

Questions:

Do you anticipate a rate increase in 2019? No

Are rates posted on your website: Yes

http://www.gardnervillewater.org/index.php?option=com_content&view=article&id=21&Itemid=120

General information on your service area :

Population of Service Area:

Annual Demand (AF): 1251.18

Service Connections: 2376

Residential: 1935

Mutli-Family: 84

Commercial: 273

Irrigation: 84

Other:

Metered Connections: 2376

Unmetered Connections: 0

Re-Use Connections: 0

Bill Frequency: Bi-Monthly

Unidentified

System Losses: 5%

Conservation Plan: Yes

Reason for Delay the need for investment in new

Water Conservation: infrastructure

Indian Hills GID Water Rates

Indian Hills General Improvement District

Water Rates as of January 2019

Indian Hills Residential and Commercial Water Rates

Meter Size	Monthly Base Rate:
3/4"	\$ 36.22
1"	\$ 56.60
1.5"	\$ 118.28
2"	\$ 173.87
3"	\$ 290.36
4"	\$ 586.53
6"	\$ 856.34
8"	\$ 1,292.75
Usage Chg per k/gal* < 10 @\$1.95 ≥ 10 @ \$2.30	

Connection Fees:

3/4"	\$ 5,130.00
1"	\$ 8,550.00
1 1/2"	\$ 17,103.33
2"	\$ 27,360.00
3"	\$ 54,741.33
4"	\$ 85,500.00
6"	\$ 171,100.00
8"	\$ 273,600.00

Stormwater Rates:

Classification:	Monthly Rate
Single Family Property	\$0.10
Multi Family Property	\$0.10
Public Property	\$0.10
Manufacturing Property	\$0.10
Commercial Property	\$0.10

Indian Hills General Improvement District

Questions:

Do you anticipate a rate increase in 2019? Yes, September 1st: water basic fee will go from \$33.57 to \$36.22 per month

Are rates posted on your website: Yes

http://indianhillsnevada.com/Water_Department.shtml

General information on your service area :

Population of Service Area: 5,627

Annual Demand (AF): 790

Service Connections: N/A

Residential: 1867

Mutli-Family:

Commercial: 88

Irrigation:

Other:

Metered Connections: all

Unmetered Connections:

Re-Use Connections:

Bill Frequency: monthly

Unidentified

System Losses:

Conservation Plan:

Reason for

Water Conservation:

Lyon County – Dayton and Moundhouse Water Rates

Lyon County - Dayton and Moundhouse

Water Rates as of January 2019

Dayton Valley & Moundhouse Residential

Meter Size	Monthly Base Rate:
3/4"	\$ 26.02

Dayton Valley & Moundhouse Commercial

Meter Size	Monthly Base Rate:
3/4"	\$ 26.02
1"	\$ 35.27
1 1/2"	\$ 50.81
2"	\$ 69.03
3"	\$ 118.14
4"	\$ 173.39
6"	\$ 197.88
8"	\$ 249.95
Low Income	\$ 17.44

Single Family Residential/ Commercial Usage Chg per k/gal* ≤5 in base >5@\$3.20
--

Connection Fees:

Dayton and Mound House	
3/4"	\$ 4,303
1"	\$ 8,606
1 1/2"	\$ 17,212
2"	\$ 27,538
3"	\$ 55,076
4"	\$ 86,056
6"	\$ 172,112
8"	\$ 275,380

Stormwater Rates:

Classification:	Monthly Rate
Groundwater Impact Fee	\$1.00

Lyon County - Dayton and Moundhouse

Questions:

Do you anticipate a rate increase in 2019? Yes

Are rates posted on your website: Yes

<https://www.lyon-county.org/DocumentCenter/View/6388/Customer-Rate-Sheets-2018>

Population of Service Area: 15,830

Annual Demand (AF): 2,884

Service Connections:

Residential: 5,734

Mutli-Family: 598

Commercial: 627

Irrigation: Incl in Commercial

Other:

Metered Connections: 100%

Unmetered Connections: 0

Re-Use Connections: 0

Bill Frequency: Monthly

Unidentified

System Losses: 0.06

Conservation Plan: YES

Reason for

Water Conservation: System Ops

Town of Minden Water Rates

Town of Minden

Water Rates as of January 2019

Town of Minden Residential and Commercial Water Rates

Residential Flat Rate:	In Service Area Fees	
	Monthly Rate:	Quarterly Rate:
Single Family	\$ 30.38	\$ 91.15
Patio Home	\$ 26.87	\$ 80.60
Office Residential	\$ 30.38	\$ 91.15
	Out of Area Service Fees	
	Monthly Rate:	Quarterly Rate:
	\$ 40.75	\$ 122.20

Commercial :

Commercial - Out of Area Service fees

Metered:	Monthly Base Rate	Metered:	Monthly Base Rate
3/4"	\$ 24.05	3/4"	\$ 32.25
1"	\$ 27.30	1"	\$ 36.60
1 1/2"	\$ 37.60	1 1/2"	\$ 50.40
2"	\$ 61.40	2"	\$ 82.30
3"	\$ 122.75	3"	\$ 164.50
4" or larger	\$ 151.45	4" or larger	\$ 203.60
Unmetered:	\$ 21.32	per month per equivalent dwelling unit	
Commercial Usage Chg k/gal ≤50k @\$1.5 >50-100k @\$1.65 >100k @ \$1.85		Commercial - Out of Area Service fees Usage Chg k/gal ≤50k @\$2.05 >50-100k @\$2.25 >100k @ \$2.50	

Town of Minden

Connection Fees:

Residential	brings water right	town provides water right
single family 3/4"	\$4,975	\$12,610
single family 1"	\$7,775	\$15,680
multi-family unit 3/4"	\$4,975	\$10,805
multi-family unit 1"	\$7,775	\$13,875
Residential >1" pays non-residential rate		

Non-Residential

	Fixed Cost		
3/4"	\$5,385	Variable	Variable cost of water right \$6,450 acre-feet (af) per year
1"	\$8,455	quote required	
1 1/2"	\$16,450		
2"	\$26,920		
3"	\$56,560		
4"	Quote Required		
>4"	Quote Required		

Stormwater Rates:

	N/A
Classification:	Monthly Rate
Single Family Property	\$0.00
Multi Family Property	\$0.00
Public Property	\$0.00
Manufacturing Property	\$0.00
Commercial Property	\$0.00

Town of Minden

Questions:

Do you anticipate a rate increase in 2019? No

Are rates posted on your website: Yes

<http://townofminden.com/DocumentCenter/View/120/Water-And-Trash-Service-Fees-2017-PDF?bidId=>

General information on your service area :

Population of Service Area: 3,003 (2010 Census data)

Annual Demand (AF): 1,345

Service Connections: 1,883

Residential: 1,606

Mutli-Family:

Commercial: 248

Irrigation:

Other: 29

Metered Connections: 1,460

Unmetered Connections: 423

Re-Use Connections:

Bill Frequency: quarterly-residential; monthly-commercial

Unidentified

System Losses: Unknown

Conservation Plan: Yes/2016

Reason for

Water Conservation: Meets State requirement

Silver Springs Mutual Water Company Water Rates

Silver Springs Mutual Water Company

Residential Base Rate:	Zone 1	Zone 2
	Monthly Base Rate:	Monthly Base Rate:
3/4"	\$ 50.00	\$ 54.00
1"	\$ 83.50	\$ 90.18
1 1/2"	\$ 166.50	\$ 179.82
2"	\$ 266.50	\$ 287.82
3"	\$ 533.50	\$ 576.18
4"	\$ 833.60	\$ 900.18
6"	\$ 1,666.50	\$ 1,799.82

*Water Service Deposit of 4 times base rate is held for 12 months of on-time payments and returned in 13 month.

Commercial/Industrial* Base Rate:

	Zone 1	Zone 2
	Monthly Base Rate:	Monthly Base Rate:
3/4"	\$ 54.00	\$ 58.00
1"	\$ 90.18	\$ 96.86
1 1/2"	\$ 179.82	\$ 193.14
2"	\$ 287.82	\$ 309.14
3"	\$ 576.18	\$ 618.86
4"	\$ 900.18	\$ 966.86
6"	\$ 1,799.82	\$ 1,933.14

*Water Service Deposit of 4 times base rate is held for 12 months of on-time payments and returned in 13 month.

Single Family Residential
Usage Chg per k/gal*
< 15 in base
≥15@\$2.00
Commercial
Usage Chg
k/gal
< 15 in base
≥15@ \$2.00

Connection Fees:

3/4"	\$4,400	+actual cost
1"	\$7,348	+actual cost
1 1/2"	\$14,652	+actual cost
2"	\$23,452	+actual cost
3"	\$46,948	+actual cost
4"	\$80,652	+actual cost
6"	\$180,480	+actual cost
4" Fire	\$5,000	System Service Line
6" Fire	\$7,500	System Service Line

Silver Springs Mutual Water Company

Questions:

Do you anticipate a rate increase in 2019? No

Are rates posted on your website: Yes

http://www.silverspringsmwc.com/Forms_Documents.html

General information on your service area :

Population of Service Area: 2961

Annual Demand (AF): 439

Service Connections: 1095

Residential: 973

Mutli-Family:

Commercial: 119

Irrigation:

Other: 3

Metered Connections: 100%

Unmetered Connections: 0

Re-Use Connections:

Bill Frequency: monthly

Unidentified System Losses: Unknown

Conservation Plan: Yes

Reason for

Water Conservation: We live in a desert climate.

Stagecoach GID Water Rates

Stagecoach General Improvement District

Water Rates as of January 2019

Stagecoach GID Residential and Commercial Water Rates

Residential:	Monthly Base Rate:
	\$ 61.00

Resolution 2017-RO2
increase of \$1.00 to monthly Residential and Commercial water service. "

Commercial:	
Meter Size	Monthly Base Rate:
1"	\$ 82.90
1 1/2 "	\$ 101.01
2"	\$ 129.80
3"	\$ 186.60
4"	\$ 244.11
6"	\$ 358.39

Water Dedication .67 af per parcel
1 hook-up - none
split parcels - .67 af/parcel

Residential Usage Chg per k/gal*
≤25 in base
>25@\$3.00
Commercial Usage Chg per k/gal*
< 1 in base
≥ 1 ≥ 50 @ \$3.50
>50<100@\$4.00
≥100@\$5.00

Connection Fees:	
Residential All Sizes	\$5,000.00 District & Expansion Lots
Commercial Fees All Sizes	
Fee schedule will be the basis for assessing commercial hook-up fees.	
Equivalent Residential Unit	GDP
1	600
2	1,200
3	1,800
4	2,400
Connection Fee	Dedication of Water Right
1 X residential fee	None
2 X residential fee	.67 acre feet
3 X residential fee	1.34 acre feet
4 X residential fee	2.01 acre feet
Plus additional cost for meter larger than 3/4 X 5/8.	

Stagecoach General Improvement District

Stormwater Rates:

Classification:	Monthly Base Rate:
Single Family Property	N/A
Multi Family Property	\$0.00
Public Property	\$0.00
Manufacturing Property	\$0.00
Commercial Property	\$0.00

Questions:

Do you anticipate a rate increase in 2019? Effective July 1, 2019, 2020, 2021 and 2022 a base-rate increase of \$1 to monthly Residential and Commercial Water Service

Are rates posted on your website: Yes

<http://www.stagecoachgid.com/ratesandcharges.html>

General information on your service area :

Population of Service Area: 1,422
Annual Demand (AF): 270
Service Connections: 576

Residential:	571
Mutli-Family:	2
Commercial:	2
Irrigation:	0
Other:	0

Metered Connections: 100%

Unmetered Connections: 0

Re-Use Connections: 0

Bill Frequency: Monthly

Unidentified

System Losses: 8%

Conservation Plan: Yes, 2014

Reason for Water Conservation: To protect our natural resource

Storey County Water Rates

Storey County

Water Rates as of January 2019

Residential Base Rate

Meter Size	Monthly Base Rate:
≤ 5/8"	\$ 36.97
1"	\$ 41.68
1 1/2"	\$ 62.22
2"	\$ 77.41
3"	\$ 113.14
4"	\$ 148.87
6"	\$ 220.33
10"	\$ 547.84

Single Family Residential Usage Chg per k/gal* 0 - 2 in base ≥ 2 @ \$2.99
--

Commercial Base Rate

Meter Size	Monthly Base Rate:
≤ 5/8"	\$ 55.92
1"	\$ 41.68
1 1/2"	\$ 62.22
2"	\$ 77.41
3"	\$ 113.14
4"	\$ 148.87
6"	\$ 220.33
10"	\$ 547.84

Commercial Usage Chg per k/gal* 0 - 2 in base ≥ 2 @ \$3.90

Storey County

Connection Fees:		
Residential:	\$	2,500.00
Connection Fees:		
Commercial:	\$	4,100.00

Stormwater Rates:	N/A
Classification:	Monthly Rate
Single Family Property	36.97 min. for 2k
Multi Family Property	\$0.00
Public Property	N/A
Manufacturing Property	\$0.00
Commercial Property	55.92 min for 2k

Questions:

Do you anticipate a rate increase in 2019? No

Are rates posted on your website: No

General information on your service area :

Population of Service Area: ~ 1,500

Annual Demand (AF): 152

Service Connections: 635

Residential: 454

Mutli-Family:

Commercial: 181

Irrigation:

Other:

Metered Connections: 635

Unmetered Connections: N/A

Re-Use Connections: N/A

Bill Frequency: Monthly

Unidentified

System Losses: Unknown

Conservation Plan: Yes

Reason for

Water Conservation:

Truckee Meadows Water Authority Water Rates

Truckee Meadows Water Authority

1/2017 Voted to raise rates 2.5% annually. To download complete rate schedule, see link below.

Truckee Meadows Water Authority Service Area Monthly Rates and Charges:

Residential:	Monthly Metered		Small Unit Flat Rate:	\$ 41.50
	Base Rate	Usage Chg	Multi-Unit Residential Flat Rate	
	≤3/4" \$ 19.67	k/gal	≤3/4" \$	18.04
	1" \$ 21.64	≤ 6@\$1.82	1" \$	19.84
	1 1/2" \$ 24.61	>6-28@\$2.95	1 1/2" \$	22.60
	2" \$ 28.54	>28@\$3.45	2" \$	26.20
	3" \$ 32.46		3" \$	29.81
	4" \$ 37.34		4" \$	34.27
	6" \$ 43.28		6" \$	39.68
			Each dwelling unit added fee:	\$ 11.56

Former Washoe County Water Utility Monthly Rates and Charges:

Residential:	Monthly Metered		Meters > 1.5"
	Base Rate	Meters <1.5"	Usage Chg
	≤3/4" \$ 17.95	Usage Chg	k/gal
	1" \$ 23.09	k/gal	<29@\$2.70
	1 1/2" \$ 33.03	<7@\$2.70	≥29<151@\$3.37
	2" \$ 44.04	≥7<21@\$3.37	≥151<601@\$4.05
	3" \$ 70.92	≥21<41@\$4.05	≥601@\$5.41
	4" \$ 103.87	>41@\$5.41	
	6" \$ 189.37		

Former STMGID Monthly Rates and Charges:

Residential:	Monthly Metered		Meters <1.5"		
	Base Rate	Usage Chg	Usage Chg		
	≤3/4" \$ 9.77	k/gal			
	1" \$ 11.96		≤6@\$1.40		
	1 1/2" \$ 16.96		>6≤20@\$1.85		
	2" \$ 22.90		>20≤40@2.28		
			>40≤65@2.66		
			>65@2.81		

Commercial:	Commercial Monthly		Tier Quantities in k/gal*		
	Base Rate	Usage Chg	Tier 1	Tier 2	Tier3
	≤3/4" \$ 19.67	k/gal	0-7	>7-30	>30
	1" \$ 21.64		0-14	>14-65	>65
	1 1/2" \$ 24.61	Tier 1: \$1.82	0-28	>28-120	>120
	2" \$ 28.54	Tier 2: \$2.95	0-50	>50-210	>210
	3" \$ 32.46	Tier 3: \$3.45	0-165	>165-640	>640
	4" \$ 37.34		0-300	>300-1,300	>1,300
	6" \$ 43.28		0-1,000	>1,000-2,600	>2,600
	8" \$ 50.18		0-1,475	>1,475-6,000	>6,000
	10" \$ 58.99		0-9,500	>9,500-15,000	>15,000

* Tier usage levels are set for each Meter size according to this table.

Information collected from TMWA Website

[2018-5-TMWA Water Rates](#)

[1/2017 Info about TMWA rate increase](#)

Accessed 1/17/2019

Appendix B: Sewer Rate Sheets

Carson City Sewer Rates

Carson City Sewer Rates

Sewer Rates as on January 2019:	
Flat Rates:	Monthly Rate:
Single - Family Residential (per unit)	\$ 40.45
Multi - Family Residential (per unit)	\$ 27.18
Metered Rates:	Monthly Rate:
Low-Strength Commercial	
Base Charge	\$ 40.45
Volume charge (per 1,000 gallons of metered domestic water)	\$ 6.78
High-Strength Commercial	
Base Charge	\$ 40.45
Volume charge (per 1,000 gallons of metered domestic water)	\$ 11.98

Sewer Connection Fees:	\$ 3,710.00	Sewer Water Equivalent Residential Value
Sewer Connection Fees calculated by Sewer Equivalent Residential Customer (SERC) value; 1 SERC = 200 gallons		
Sewer Rate Classes	SERC	
Single -family residence,		For all other sewer connections not specified above, connection charge will be based on the Sewer Equivalent Residential Customer (SERC) of proposed development. Value will be assigned by utility director or his designee.
Mobile home (individual lot)	1.00	
Duplex (each living unit)	0.75	
Apartment (each living unit),		
Mobile home park (each pad)		
(each living unit)	0.65	

Expect Rate Change in the upcoming year? Possibly, rate study is being performed late FY19/early FY20.

Are rates posted on your website: Yes

<https://carson.org/home/showdocument?id=55783>

Churchill County Sewer Rates

Churchill County Sewer Rates

Sewer Rates as on January 2019:

Flat Sewer Rates:		Monthly Rate:	
Single - Family Residential (per unit)		\$	56.30
Metered Sewer Rates:		Monthly Rate:	
Low-Strength Commercial			
Base Charge		\$	56.30
Volume charge (per 1,000 gallons of metered domestic water when > 10,000 gpm)		\$	4.20
High-Strength Commercial			
Base Charge		\$	56.30
Volume charge (per 1,000 gallons of metered domestic water when > 10,000 gpm)		\$	4.20 plus additional surcharge as determined by Churchill County
Sewer Connection Fees:			
Single Family Residential		\$	6,500.00
Commercial	Base Rate	\$	6,500.00
		\$	350.00

Commercial customer will pay base rate fee of \$6,500.00 as a minimum charge for up to 15 Equivalent Residential Units (ERU). If number of ERU's exceeds 15, customer will be responsible for an additional amount of \$350.00 per fixture unit. Calculation of ERU and fixture units will be performed using flow formula by Churchill County Building Department.

Expect Rate Change in the upcoming year? Yes
 Are rates posted on your website: Yes
<http://nv-churchillcounty.civicplus.com/index.aspx?NID=105>

Douglas County Sewer Rates

Douglas County Sewer Rates

Monthly Rate: See Resolution 2014R-030

FY19 July 1, 2018 - June 30, 2019	\$	72.08	Per Equivalent Dwelling Unit (EDU). 1 EDU = 250 gallons. N.A. per gallon for domestic septage*
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* As a practical matter, Douglas County does not accept septage at the North Valley Wastewater

Sewer Connection Fees

North County Portion	\$	7,150.00
Genoa Lakes	\$	7,072.00
All other North Valley Service	\$	6,020.00

Expect Rate Change in the upcoming year?

Yes - rate review currently in progress

Are rates posted on your website:

Yes

[0Works/Sewer%20Utility/Sewer%20Rate%20Resolution%20No.%202014R-030_201410091713370561.pdf](#)

City of Fallon Sewer Rates

City of Fallon Sewer Rates

Flat Rates:	Monthly Rate:
Single - Family Residential (per unit)	\$ 35.00
	\$ 35.00
Metered Rates:	
Commercial Normal	
Base Charge	\$ 11.70
Volume charge (per 1,000 gallons of metered domestic water)	\$ 2.18 per k/gal metered water
High-Strength Commercial	
Base Charge	\$ 11.70
Volume charge (per 1,000 gallons of metered domestic water)	Determined on a case-by-case basis

Sewer Connection Fees:		
	3/4" \$	3,000
	1" \$	6,000
	1 1/2" \$	12,000
	2" \$	19,200
	3" \$	48,000
	4" \$	120,000
	6" \$	240,000

Expect Rate Change in the upcoming year? **No**
 Are rates posted on your website: **No**

Gardnerville Ranchos GID Sewer Rates

Gardnerville Ranchos General Improvement District

Category One* :	\$ 23.00		
*Billing rate for connections to Sewer System after May 17, 1990.			
Category Two**:	\$ 16.00		
** Billing rate for connections to Sewer System prior to May 17, 1990.			
Pump Station 1			
In-District Service Area:	\$ 23.00	per month / EDU	Applies to district customers and annexed into district customers
	\$ 5.00	Lift station fee	
	\$ 28.00		
Pump Station 1			
Out-of-District Customers	\$ 36.00	per month / EDU	

A rate increase of \$0.50 per month will commence for the July 2014 billing.

Sewer Connection Fees:

Category I	\$ 2,200.00	per Equivalent Dwelling Unit	
Category I was for people on septic, which is now down to 2 homes.			
Prior to Annex 3/6/2013	\$ 4,675.00	per Equivalent Dwelling Unit	
UnAnnexed after 3/6/2018	\$ 6,300.00	per Equivalent Dwelling Unit	
Pump Station 1 Surcharge	\$ 1,728.00		

Expect Rate Change in the upcoming year? No

Are rates posted on your website: Yes

<https://www.grgid.com/wp-content/uploads/2018/01/Sewer%20rates.pdf>

The Gardnerville Ranchos GID has a contract with MGSD to accept effluent from the Ranchos. The Ranchos maintains its own sewer mains.

Gardnerville Water Company Sewer Rates

Gardnerville Water Company

Sewer Service Provided by Minden - Gardnerville Sanitation District

Indian Hills GID Sewer Rates

Indian Hills General Improvement District
Sewer Rates

Sewer Rates as on January 2019:

Residential Flat Rate:	Monthly Rate:	
	\$ 39.73	per Equivalent Dwelling Unit (EDU) 250 gpd = 1 EDU Additional charges determined by IHGID if discharge contains non-standard
Sewer Connection Fees:		
Single Family Residential	\$ 5,130.00	

Expect Rate Change in the upcoming year?

Annual Rate increases June 1 through June 30, 2019,
sewer will increase to \$41.72 per edu/per month

Are rates posted on your website:

Yes

<http://indianhillsnevada.com/Sewer.shtml>

Lyon County – Dayton and Moundhouse Sewer Rates

Lyon County - Dayton and Moundhouse

Sewer Rates

Rate Increase Effective: 7/1/2018

Lyon County Sewer Rates for Moundhouse & Dayton:

Monthly Flat Rates:	
Single - Family Residential (per unit)	\$ 58.94
Multi Family Residential (per unit)	\$ 53.70
Low Income Single - Family Residential	\$ 39.81
Monthly Metered Rates:	
Commercial & Industrial	
Base Charge (No Usage Allowance)	\$ 24.18
Volume charge (per 1,000 gallons of metered domestic water)	\$ 4.33 per k/gal
High-Strength Commercial	
Monthly Base Charge	
Volume charge (per 1,000 gallons of metered domestic water)	Determined on a case-by-case basis

Sewer Connection Fees:

Single Family Residential	
Reimbursement Fee - Collection	\$ 307.00
Bond Payments Fee	\$ 2,200.00
Capital Facility Charge	\$ 7,109.00
Total Sewer Service Connection Fee	\$ 9,616.00

Expect Rate Change in the upcoming year? Increase annually on 7/1 through June 30, 2019.

Are rates posted on your website: Yes

<https://www.lyon-county.org/DocumentCenter/View/6388/Custom-Rate-Sheets-2018>

Minden Gardnerville Sanitation District Sewer Rates

Minden Gardnerville Sanitation District Sewer Rates

Sewer User Fees are billed quarterly as follows:

First Quarter:	\$	41.40	per EDU
Second Quarter:	\$	41.86	per EDU
Third Quarter:	\$	42.32	per EDU
Fourth Quarter:	\$	42.32	per EDU
Connection Fees:			
Residential			
	\$	275.00	includes 1 EDU
Commercial			
	\$	300.00	Dwelling Unit per Equivalent
Capacity fee	\$	3,800.00	Dwelling Unit

Expect Rate Change in the upcoming year? No
Are rates posted on your website: Yes

<https://www.mgsdistrict.org/billpayment/>

Service Connections:

Residential:	3,300
*Multi-Family:	50
Commercial:	350
Irrigation:	0
***Other:	0

The Minden-Gardnerville Sanitation District also has a contract with Gardnerville Ranchos GID to provide sewer

****Metered Connections:**

Unmetered Connections: 3,500

Re-Use Connections:

Bill Frequency: Quarterly

Unidentified

System Losses: Unknown

Conservation Plan: N/A

Reason for

Water Conservation: N/A

Rate Increase Effective: N/A

Lyon County – Silver Springs GID Sewer Rates

Silver Springs General Improvement District Sewer Rates

Sewer Service in Silver Springs provided by Lyon County

Lyon County Sewer Rates for Silver Springs:

Residential Monthly Rate:	Monthly Rate:		
	\$	20.00	per EDU*
Commercial Monthly Rate:	\$	30.00	per EDU*
Rate Codes	EDU* Cost		EDU* Cost
	1	\$ 20.00	10 \$ 200.00
	1.5	\$ 30.00	11 \$ 220.00
	2	\$ 40.00	11.9 \$ 238.00
	2.5	\$ 50.00	19 \$ 380.00
	2.7	\$ 54.00	25 \$ 500.00
	2.8	\$ 56.00	33 \$ 660.00
	3	\$ 60.00	35 \$ 700.00
	3.1	\$ 62.00	38 \$ 760.00
	4	\$ 80.00	197 \$ 3,940.00
	5.2	\$ 104.00	
	5.5	\$ 110.00	
	6	\$ 120.00	
	8.5	\$ 235.00	
*An equivalent dwelling unit (EDU), refers to a one single family dwelling unit with an estimated sewage flow of 242 gpd.			

Expect Rate Change in the upcoming year? No

Are rates posted on your website: No

Sewer Connection Fees:

The majority of customers pay connection fee via tax assessment
 However, if the connection fee did not have an assessment, the fee
 would be \$8,264.00

Stagecoach Sewer Rates

Stagecoach General Improvement District

Sewer Rates as on January 2019:

All the homes in the Stagecoach General Improvement District are on septic systems; therefore, sewer rates are not applicable.

Storey County Sewer Rate

Storey County Sewer Rates

Sewer Rates as on January 2019:

Residential Sewer Rate:	Monthly Base Rate: \$ 48.39 *
This includes Storey County's assesment of \$16.64 per residential lot to finance its sewer system upgrade.	
Commercial Sewer Rate:	Monthly Base Rate:
Monthly Base Rate:	\$ 65.67 **
	Usage charge per k/gal
Monthly Usage fee:	\$ 2.14 Include 2,000 gallons of water usage
**This includes Storey County's assesment of \$20.81 per residential lot to finance its sewer system upgrade.	

Sewer Connection Fees:

Standard Connection Fees with meter	
Residential:	\$ 3,300.00
Commercial:	\$ 4,800.00

Reconnect Fee \$ 60.00

Expect Rate Change in the upcoming year? No

Are rates posted on your website: No