

2020 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 rate data 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. Douglas County voted in July 2019 to increase rates annually, but they will not take effect until 7/1/2020. Lyon County also approved annual rate increase effective 7/1 but also included a one-time rate increase on 1/1/2020. Carson City presents proposal to increase rates annually in March 2020. Table 2.1 summarizes water rate changes as of 1/1/2020.

Table 2.1 Summary of Water Rate Changes in 2019

Water Rate Changes as of 1/1/2020	
Water Purveyor	Approved Annual Increase Date
Churchill County Public Works	2.5% Annual Increase Effective 1/1; Tier rate over 20k/gal increased to \$3.40 per kgallons.
Douglas County Public Works	Rate change approved July 1, 2019; however, changes will not take effect until 7/1/2020.
Lyon County Utilities	Increased 1/1/20 and will also increase annually on 7/1 2020 - 7/1/ 2024.
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
Storey County	Increased 1/1/20 and will also increase annually on 7/1 2020 - 7/1/ 2023.

Table 2.2 Summary of Unchanged Water Rates in 2019

Unchanged Water Rates as of 1/1/2020	
Water Purveyor	Approved Annual Increase Date
Carson City Public Works	Approved 3% annual increase, effective 7/1/2020-7/1/2024.
City of Fallon	No response
Gardnerville Ranchos General Improvement District	No Change
Gardnerville Water Company	No Change
Indian Hills General Improvement District	No Change
Town of Minden	No Change

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 2019

Sewer Rate Changes as of 1/1/2020	
Water Purveyor	Approved Annual Increase Date
Churchill County Public Works	2.5% Annual Increase Effective 1/1
Douglas County Public Works	7/1/2019
Indian Hills General Improvement District	7/1/2019
Lyon County Utilities	Increased 1/1/20 and will also increase annually on 7/1 2020 - 7/1/ 2024.

Table 3.2 Summary of Unchanged Sewer Rates in 2019

Unchanged Sewer Rates as of 1/1/2020	
Water Purveyor	Approved Annual Increase Date
Carson City Public Works	Approved 3.5% annual increase, effective 7/1/2020-7/1/2024.
City of Fallon	No response
Gardnerville Ranchos General Improvement District	Provided by MGSD
Gardnerville Water Company	Provided by MGSD
Town of Minden	Provided by MGSD
Minden Gardnerville Sanitation District	Conducting Rate Study
Lyon County - Silver Springs	No Change
Storey County	No Change
Stagecoach GID	N/A -Septic Only

Appendix A: Water Rate Sheets

Carson City Water Rates

Carson City

Water Rates as of January 2020

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

Connection Fees:		Residential and Commercial:	
Meter Size		Meter & Service Installation (city installed)	
≤ 5/8"	\$3,440.00	≤ 5/8"	\$1,522.50
1"	\$8,600.00	1"	\$1,785.00
1 1/2"	\$6,219.00	1 1/2"	\$2,835.00
2"	\$6,219.00	2"	\$3,675.00
3"	\$6,219.00	3"	\$5,880.00
4"	\$6,219.00	4"	\$9,754.45
6"	\$6,219.00	6"	\$14,280.00
Multifamily per unit	\$1,032.00		

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

Carson City

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 2020?

Approved 3% annual increase, effective 7/1/2020-7/1/2024.

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: 55,414

Annual Demand (AF): 9,619

Service Connections: 17,205

Residential: 15,385

Mutli-Family: Not split out

Commercial: 1,702

Irrigation: not split out

Other: 118

Metered Connections: 100%

Unmetered Connections: 0

Re-Use Connections: 5

Bill Frequency: monthly

Unidentified

System Losses: <7%

Conservation Plan: Yes

Water

Conservation

conserves

Reason for precious

Water Conservation: resources.

Churchill County Water Rates

Churchill County

Water Rates As Of January 2020

Base Rate

Meter Size	Monthly Base Rate:
≤ 5/8"	\$ 52.40
1"	\$ 52.40
1 1/2"	\$ 78.50
2"	\$ 122.40
3"	\$ 371.30
4"	\$ 362.20
6"	\$ 742.40
10"	n/a
Single Family Residential Usage Chg per k/gal* 0 - 6@ \$2.10 ≥ 6 ≤ 20 @\$2.60 > 20 @\$3.40	
Multifamily Residential Usage Chg per k/gal* Meter charge priced based on meter size + \$39.60 0 - 6@ \$2.10 ≥ 6 ≤ 20 @\$2.60 > 20 @\$3.40	
Small Commercial Usage Chg per k/gal* \$ 78.50 base rate 0 - 6@ \$2.10 ≥ 6 ≤ 20 @\$2.60 > 20 @\$3.40	Industrial / Manufacturing Usage Chg per k/gal* \$78.50 base rate 0 - 20k @ .0025 >20k < 40k @ .0030 >40k < 60k @ .0030 >60k @ .0040
Large Commercial Usage Chg per k/gal* \$78.50 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 2020? Yes, 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:	349
Residential:	335
Mutli-Family:	3
Commercial:	11
Irrigation:	0
Other:	0
Metered Connections:	335
Unmetered Connections:	0
Re-Use Connections:	0
Bill Frequency:	monthly
Unidentified	
System Losses:	8.20%
Conservation Plan:	Yes, 2019
Reason for	
Water Conservation:	Long-term sustainability

Douglas County Water Rates

Douglas County - Carson Valley

Water Rates As Of January 2020

(Effective July 1, 2019 - June 30, 2020)

Residential Base Rate

Meter Size	Monthly Base Rate:	includes first 4k gallons
≤ 5/8"	\$ 31.00	
3/4"	\$ 31.00	
1"	\$ 64.08	
1 1/2"	\$ 118.42	
2"	\$ 185.48	

Commercial Base Rate

Meter Size	Monthly Base Rate:	includes first 4k gallons
≤ 5/8"	\$ 31.78	
3/4"	\$ 31.78	
1"	\$ 67.69	
1 1/2"	\$ 126.87	
2"	\$ 199.48	
3"	\$ 406.62	
4"	\$ 623.69	
6"	\$ 1,223.18	
8"	\$ 1,941.52	

Irrigation Base Rate

Meter Size	Monthly Base Rate:	includes first 4k gallons
≤ 5/8"	\$ 17.00	
3/4"	\$ 17.00	
1"	\$ 30.75	
1 1/2"	\$ 52.98	
2"	\$ 81.25	
3"	\$ 170.17	
4"	\$ 254.24	

Single Family Residential Usage Chg per k/gal* 5≥12@\$2.70 >13-21@ \$3.75 >21@\$5.90	N/A
Multifamily Residential Usage Chg per k/gal* N/A	
Commercial Usage Chg per k/gal All @ \$3.38	
Irrigation Usage Chg per k/gal All at \$3.64	
Large Commercial Usage Chg per k/gal N/A	

Douglas County - Carson Valley

Connection Fees:

Meter Size		
≤ 5/8"	\$	5,024.00
3/4"	\$	5,024.00
1"	\$	12,560.00
1 1/2"	\$	25,120.00
2"	\$	40,192.00
3"	\$	80,384.00
4"	\$	125,600.00
6"	\$	251,200.00
8"	\$	401,920.00
10"	\$	1,055,040.00

In addition to connection charge, connection within Eagle Ridge subdivision will be charged a water supply development fee of \$450 for each connection.

In addition to connection charge, connection within Clear Creek Development will be charged a water supply development fee of \$2500 for each connection.

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 2020? Yes, Resolution 2019R-032 established a five-year rate structure beginning July 1, 2020.

Are rates posted on your website:

https://www.douglascountynv.gov/government/departments/public_works/water_utility

General information on your service area :

Population of Service Area: 6,258 Based on 2.5 per residential connection

Annual Demand (AF): 2,172

Service Connections: **2,927**

Residential: 2,503

Mutli-Family: 0

Commercial: 280

Irrigation: 133

Other: 11

Metered Connections: 2927

Unmetered Connections: 0

Re-Use Connections: 1

Bill Frequency: Monthly

Unidentified

System Losses:

https://www.douglascountynv.gov/government/departments/public_works/water_utility

Conservation Plan:

Yes https://www.douglascountynv.gov/government/departments/public_works/water_utility

Reason for

Water Conservation:

City of Fallon Water Rates

City of Fallon

Water Rates as of January 2020

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

City of Fallon

Connection Fees:

Residential:	Meter & Service Installation			
Meter Only				Installation
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:

Data From City last provided in 2016

Do you anticipate rate change in 2020?	No
Are rates posted on your website:	No

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 2020

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 rate change in 2020? 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 2020

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 <div style="text-align: right;">k/gal</div> ≤8 in base >8@\$1.37	
Commercial Rate: Usage Chg <div style="text-align: right;">k/gal</div> ≤20@\$1.37 >20@\$1.96	
Irrigation Rate: Usage Chg <div style="text-align: right;">k/gal</div> ≤ 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 rate change in 2020? 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: 2481

Residential: 1936

Mutli-Family: 84

Commercial: 370

Irrigation: 91

Other: 0

Metered Connections: 2481

Unmetered Connections: 0

Re-Use Connections: 0

Bill Frequency: Bi-Monthly

Unidentified

System Losses: 5%

Conservation Plan: Yes, currently being updated

Reason for

Water Conservation: State requirement

Indian Hills GID Water Rates

Indian Hills General Improvement District

Water Rates as of January 2020

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 rate change in 2020? NO

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): 714

Service Connections: 1,963

Residential: 1,875

Mutli-Family: 0

Commercial: 88

Irrigation: 0

Other: 0

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 2020

Dayton Valley & Moundhouse Residential

Meter Size	Monthly Base Rate:
3/4"	\$ 26.67

Dayton Valley & Moundhouse Commercial

Meter Size	Monthly Base Rate:
3/4"	\$ 26.67
1"	\$ 36.15
1 1/2"	\$ 51.88
2"	\$ 70.76
3"	\$ 121.09
4"	\$ 177.72
6"	\$ 202.83
8"	\$ 256.20
Low Income	\$ 17.88

Single Family Residential/ Commercial Usage Chg per k/gal* ≤5 in base >5@\$3.28
--

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 rate change in 2020? Increased 1/1/20 and will also increase annually on 7/1 2020 - 7/1/ 2024.
Are rates posted on your website: Yes
[https://legistarweb-production.s3.amazonaws.com/uploads/attachment/pdf/472323/Resolution - Rates.pdf](https://legistarweb-production.s3.amazonaws.com/uploads/attachment/pdf/472323/Resolution_-_Rates.pdf)

Population of Service Area:	16,100
Annual Demand (AF):	2,884
total Service Connections:	7,188
Residential:	5,947
Mutli-Family:	598
Commercial:	643
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 2020

Town of Minden Residential and Commercial Water Rates

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

Residential Only

Commercial : Commercial - Out of Area Service fees

Metered:	Base Rate	Metered:	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 @\$1.50 >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	town provides
	water right	water right
single family 3/4"	\$5,535	\$12,760
single family 1"	\$8,705	\$15,930
multi-family unit 3/4"	\$5,535	\$10,955
multi-family unit 1"	\$8,705	\$14,125
Residential >1" pays non-residential rate		

Non-Residential	Fixed Cost	Variable	Variable
3/4"	\$5,535	quote required	cost of water right
1"	\$8,705		\$6,450 acre-feet (af) per year
1 1/2"	\$16,950		
2"	\$27,720		
3"	\$58,310		
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 2020? No

If known, please attach 2020 rate information.

Are rates posted on your

<http://www.townofminden.com/DocumentCenter/View/1>

website:

Yes [20/Water-And-Trash-Service-Fees-2017-PDF](#)

General information on your service area :

Population of Service Area: 3,185 Estimated

Annual Demand (AF): 1,196

Service Connections: 2,009

Residential: 1,717

Mutli-Family: 5

Commercial: 254

Irrigation: -

Other: 33

Metered Connections: 1,881

Unmetered Connections: 128

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 - 4 times base rate; held for 12 months of on-time payments & returned in 13 months.

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 - 4 times base rate; held for 12 months of on-time payments & returned in 13 months.

<p>Single Family Residential</p> <p style="text-align: center;">Usage Chg per k/gal*</p> <p>< 15 in base ≥15@\$2.00</p>
<p>Commercial</p> <p>Usage Chg</p> <p>k/gal</p> <p>< 15 in base ≥15@ \$2.00</p>

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"	\$184,800	+actual cost
4" Fire	\$5,000	System Service Line
6" Fire	\$7,500	System Service Line
8" Fire	\$10,000	System Service Line
10" Fire	\$12,500	System Service Line

Silver Springs Mutual Water Company

Questions:

Do you anticipate rate change in 2020? 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): 589

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. Water is a resource which must be managed properly to provide a sufficient quantity of water to its members and to protect the quality of water for the residents of the Silver Springs Community.

Stagecoach GID Water Rates

Stagecoach General Improvement District

Water Rates as of January 2020

Stagecoach GID Residential and Commercial Water Rates

Residential:	Monthly Base Rate:
	\$ 62.00

"Effective July 1, 2019,2020, 2021, 2022 a base rate increase of \$1.00 to monthly Residential and Commercial water service. "

Commercial:

Meter Size	Monthly Base Rate:
1"	\$ 83.90
1 1/2 "	\$ 102.01
2"	\$ 130.80
3"	\$ 187.60
4"	\$ 245.11
6"	\$ 359.39

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	Connection Fee
		Dedication of Water Right
1	600	1 X residential fee
2	1,200	2 X residential fee
3	1,800	3 X residential fee
4	2,400	4 X residential fee
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 rate change in 2020?

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, In the ordinance

<http://www.stagecoachgid.com>

General information on your service area :

Population of Service Area:	1,515
Annual Demand (AF):	270
Service Connections:	586
Residential:	582
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 2020

Residential Base Rate

Meter Size	Monthly Base Rate:	Capitalization Fee:	Total Base Rate:
≤ 5/8"	\$ 33.17	\$ 11.24	\$ 44.41
Single Family Residential Usage Chg per k/gal* 0 - 2 in base ≥ 2 @ \$3.02			

Commercial Base Rate

Meter Size	Monthly Base Rate:	Capitalization Fee:	Total Base Rate:
≤ 5/8"	\$ 52.31	\$ 11.24	\$ 63.55
Commercial Usage Chg per k/gal* 0 - 2 in base ≥ 2 @ \$3.94			
Connection Fees: Residential: \$ 2,500.00 Commercial: \$ 4,100.00			

Storey County

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 2020? Yes, Increased 1/1/20 and will also increase annually on 7/1 2020 - 7/1/ 2023.

Are rates posted on your website: No

General information on your service area :

Population of Service Area: 1025

Annual Demand (AF): 152

Service Connections: 728

Residential: 557

Mutli-Family:

Commercial: 171

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			Monthly Unmetered
	Base Rate	Meters <1.5"	Meters > 1.5"	Rate
	≤3/4" \$ 18.49	Usage Chg	Usage Chg	\$ 89.82
	1" \$ 23.79	k/gal	k/gal	\$ 90.18
	1 1/2" \$ 34.02	<7@\$2.70	<29@\$2.70	\$ 92.12
	2" \$ 45.36	≥7<21@\$3.37	≥29<151@\$3.37	\$ 93.55
	3" \$ 73.04	≥21<41@\$4.05	≥151<601@\$4.05	\$ 94.96
	4" \$ 106.98	>41@\$5.41	≥601@\$5.41	\$ 99.18
	6" \$ 195.05			

Former STMGID Monthly Rates and Charges:

Residential:	Monthly Metered		Meters <1.5"		
	Base Rate	Usage Chg	Usage Chg		
	≤3/4" \$ 10.07	k/gal			
	1" \$ 12.32		≤6@\$1.44		
	1 1/2" \$ 17.47		>6≤20@\$1.91		
	2" \$ 23.58		>20≤40@2.34		
			>40≤65@2.74		
			>65@2.90		

Commercial:	Commercial Metered	Tier Quantities in k/gal*		
	Base Rate	Tier 1	Tier 2	Tier3
	≤3/4" \$ 10.07	0-20k	20,001-40k	>40k
	1" \$ 12.32	0-70k	>70,0001-275 k	>275k
	1 1/2" \$ 17.47	COMS Less than 2" meter		COML - 2" and larger meters
	2" \$ 23.58	Usage Chg		
	3" \$ 41.79	k/gal		
	4" \$ 61.08	Tier 1: \$1.50	Tier 1: \$1.44	
	6" \$ 114.84	Tier 2: \$1.67	Tier 2: \$1.70	
	8" \$ 192.43	Tier 3: \$1.87	Tier 3: \$3.39	
	10" \$ 291.19			

* 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

Connection fees changed in 2019.

Appendix B: Sewer Rate Sheets

Carson City Sewer Rates

Carson City Sewer Rates

Sewer Rates as on January 2020:	
Flat Rates:	
Single - Family Residential (per unit)	Monthly Rate: \$ 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:	\$ 4,493.00	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, Mobile home (individual lot)	1.00	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.
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? Approved 3.5% annual increase, effective 7/1/2020-7/1/2024.

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 2020:

Flat Sewer Rates:		Monthly Rate:	
Single - Family Residential (per unit)		\$	57.70
Metered Sewer Rates:		Monthly Rate:	
Low-Strength Commercial			
Base Charge		\$	57.70
Volume charge (per 1,000 gallons of metered domestic water when > 10,000 gpm)		\$	4.20
High-Strength Commercial			
Base Charge		\$	57.70
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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* Douglas County does not accept septage at the North Valley Wastewater Facility.

Sewer Connection Fees

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

Monthly Commercial Fixed Operations Rate

The monthly commercial fixed operations rate applies to commercial customers when the commercial parcel is unoccupied provided the parcel is independently metered for water and the water meter is locked off.

Monthly Rate: See Resolution 2016R-055

\$ 44.61

Expect Rate Change in the upcoming year?

Yes - rate review currently in progress

Are rates posted on your website:

Yes

https://www.douglascountynv.gov/government/departments/public_works/sewer_utility

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

Do you anticipate rate change in the upcoming year? **No Response**

Are rates posted on your website: **No Response**

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 2020:

Residential Flat Rate:	Monthly Rate:	
	\$ 41.72	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? No

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

Sewer Rates as of January 2020

Lyon County Sewer Rates for Moundhouse & Dayton:

Flat Rates:		
Single - Family Residential (per unit)	\$	63.39 per month
Multi Family Residential (per unit)	\$	57.75 per month
Low Income Single - Family Residential	\$	42.82 per month
Metered Rates:		
Commercial & Industrial		
Base Charge (No Usage Allowance)	\$	26.01 per month
Volume charge (per 1,000 gallons of metered domestic water)	\$	4.66 per k/gal
High-Strength Commercial		
Base Charge	\$	26.01 per month
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

Do you anticipate rate change in the upcoming year? Increased 1/1/20 and will also increase annually on 7/1/2020 - 7/1/2024.
Are rates posted on your website? Yes

[https://legistarweb-production.s3.amazonaws.com/uploads/attachment/pdf/472323/Resolution - Rates.pdf](https://legistarweb-production.s3.amazonaws.com/uploads/attachment/pdf/472323/Resolution_-_Rates.pdf)

Minden Gardnerville Sanitation District Sewer Rates

Minden Gardnerville Sanitation District Sewer Rates

Sewer User Fees are billed quarterly as follows:

First Quarter:	\$	41.75	per EDU
Second Quarter:	\$	41.75	per EDU
Third Quarter:	\$	42.20	per EDU
Fourth Quarter:	\$	42.20	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:	-
***Other:	-

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 2020:

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 2020:

	Monthly Base Rate:	USDA Loan Repayment		Total Base Rate:
Residential Sewer Rate:	\$ 15.56	34.28		\$ 49.84
<hr/>				
Commercial Sewer Rate:	Monthly Base Rate:	USDA Loan Repayment		Total Base Rate:
Monthly Base Rate:	\$ 24.77	42.87		\$ 67.64
Monthly Usage fee:	\$ 2.20	Usage charge per k/gal Include 2,000 gallons of water usage		

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? Yes, Increased 1/1/20 and will also increase annually on 7/1 2020 - 7/1/ 2023.

Are rates posted on your website? No