

# Staff Report

for the Water Rates Committee Meeting of October 20, 2020

**TO:** Water Rates Committee  
**FROM:** Chip Close, Water Operations Manager  
**DATE:** October 14, 2020  
**SUBJECT:** 2020 Rate Schedule

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## ***OPERATIONS***

### **RECOMMENDATION:**

Review and discuss the District's current rate schedule.

### **BACKGROUND:**

The purpose of this item is to review and discuss how the District's rate schedule is developed and adjusted. The 2020 Rate Schedule is attached and is also available on the District website at [https://nidwater.com/wp-content/uploads/2017/02/Water-Service-Rules-and-Regs\\_FULL-DOCUMENT-separate-SCHEDULES.pdf](https://nidwater.com/wp-content/uploads/2017/02/Water-Service-Rules-and-Regs_FULL-DOCUMENT-separate-SCHEDULES.pdf)

Attachments: (1)

- 2020 Rate Schedule

## APPENDIX A

**2020**  
INDEX TO SCHEDULES

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SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 4-A  
EFFECTIVE JANUARY 1, 2020

**TREATED WATER SYSTEM  
STANDBY CHARGES AND CONNECTION FEES**

**STANDBY CHARGES** - \$6.00 per month for each parcel.

**CONNECTION FEES:** Single family residence

**Drop In (Existing Meter Box and Water Service Lateral)**

		-----Capacity Charge-----	
Meter Size	Installation Charge	Parcels In District Prior to 03/01/2007	Parcels Annexed to District After 03/01/2007
5/8"	\$ 667.00	\$ 10,929.00	\$ 14,657.00
3/4"	708.00	15,738.00	21,107.00
<b>Domestic Meter &amp; Fire Meter Installation</b>			
5/8" & 1"	\$ 1,420.00	\$ 10,929.00	\$ 14,657.00
3/4" & 1"	1,461.00	15,738.00	21,107.00

**Installation Requiring Tap to Main\***

		-----Capacity Charge-----	
Meter Size	Installation Charge	Parcels In District Prior to 03/01/2007	Parcels Annexed to District After 03/01/2007
5/8"	\$ 5,309.00	\$ 10,929.00	\$ 14,657.00
3/4"	5,349.00	15,738.00	21,107.00
1"	5,434.00	27,980.00	37,427.00
1 1/2"	5,753.00	62,941.00	84,725.00
2"	5,964.00	111,914.00	150,099.00
Over 2"	DETERMINED BY DISTRICT		
<b>Domestic Meter &amp; Fire Meter Installation</b>			
5/8" & 1"	\$ 5,736.00	\$ 10,929.00	\$ 14,657.00
3/4" & 1"	5,776.00	15,738.00	21,107.00

**\*Service Line Installation Cost**

\$66.00 per foot of service line installed per standard detail (in addition to meter installation cost)

**NOTE:**

Add 25% to all charges above for existing accounts serving lands outside the District (amount rounded to the nearest dollar.) The District does not presently offer treated water service to new accounts serving lands outside the District.

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 4-A (CONTINUED)  
EFFECTIVE JANUARY 1, 2020

**TREATED WATER SYSTEM  
STANDBY CHARGES AND CONNECTION FEES (CONTINUED)**

**CONNECTION FEES:** Commercial, Industrial, Municipal and Multi-Unit Master Meters

Meter Size	-----Installation Charge-----		Capacity Charge
	Drop-In (Existing Meter Box and Water Service Lateral)	Installation Requiring Tap to Main*	
5/8"	\$ 667.00	\$ 5,309.00	Requires Water Demand Analysis - See Below
3/4"	708.00	5,349.00	
1"	753.00	5,434.00	
1 1/2"	1,028.00	5,753.00	
2"	1,232.00	5,964.00	
Over 2"	DETERMINED BY DISTRICT		
<b>Domestic Meter &amp; Fire Meter Installation</b>			
5/8" & 1"	\$ 1,420.00	\$ 5,736.00	Requires Water Demand Analysis - See Below
3/4" & 1"	1,461.00	5,776.00	

**\*Service Line Installation Cost**

\$66.00 per foot of service line installed per standard detail (in addition to meter installation cost)

**Capacity Charge**

Fees will be based on an engineering analysis of expected peak day water capacity provided by the developer's engineer. The District will review the report for acceptance. If accepted, the District will utilize the report to calculate fees based on the peak capacity in Equivalent Residential Units (5/8 inch meter). The 2014 Adopted Capacity Fee Study indicates a peak day capacity of 1,250 GPD per 5/8 inch meter or equivalent (p. 12).

An example of calculation is as following:

Approved Meter Capacity by developers engineer: 6250 GPD

Equivalent ERU Calculation:  $6250 \text{ GPD} / 1250 \text{ gal per ERU} = 5 \text{ ERU}$

Capacity Fee Calculation:  $5 \text{ ERU} \times \$10,929 / \text{ERU} = \$54,645 \text{ for capacity fees}$

**Abandonment of an Existing Service**

Customer requesting new meter installation at a location other than existing box and curb stop will be charged an abandonment fee of \$394.20 in addition to applicable meter installation fees. Existing box and curb stop will be removed and the area backfilled. Customer will be responsible for re-vegetation or landscaping.

**NOTE:**

Add 25% to all charges above for existing accounts serving lands outside the District (amount rounded to the nearest dollar.) The District does not presently offer treated water service to new accounts serving lands outside the District.

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 4-B  
EFFECTIVE JANUARY 1, 2020

**MISCELLANEOUS METER SERVICE CHARGES**

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**TESTING**

<b>Meter Size</b>	<b>Deposit</b>
5/8" to 3/4"	\$30.00
1" AND ABOVE	DETERMINED BY DISTRICT

**UPSIZING/DOWNSIZING**

An extra \$65.00 will be charged to cover labor costs as discussed in Sections 4.07.01 and 4.07.02.

**RELOCATING**

Meter relocations meeting the conditions set forth in Section 4.07.03 (a) (not requiring a new tap to the water main nor other extra ordinary effort) will be accomplished at the rate indicated under "Drop-In to an Existing Meter Box" schedule.

Meter relocations meeting the conditions set forth in Section 4.07.03 (b) (requiring a new tap on the water main) will be accomplished at the rate indicated under "Installation Requiring Tap to Water Main" schedule.

Customer requesting meter relocation will be charged an abandonment fee of \$394.20. The existing box and curb stop will be removed and the area backfilled. Customer will be responsible for re-vegetation or landscaping.

**NOTE:**

Add 25% to all charges above for existing accounts serving lands outside the District (amount rounded to the nearest dollar.)

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 4-EI & 4-FI  
EFFECTIVE JANUARY 01, 2020

**NONCOMMERCIAL / COMMERCIAL, INSIDE DISTRICT**

Charges for treated water meeting state health standards, delivered through a metered connection.

Service Size:	5/8"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"
Monthly Fixed Service Charge:	27.75	41.62	69.37	138.74	221.98	443.96	693.68	1,387.36	2,219.78

<b>Volumetric Service Charge:</b> (\$ per hundred cubic feet (hcf) per billing period)		
First	5 HCF per billing period	2.29 per HCF
Over	5 HCF per billing period	2.96 per HCF

<b>Volumetric Service Charge During a Drought Declaration:</b>				
(\$ per hundred cubic feet (hcf) per billing period)				
<b>Drought Stage*:</b>		<b>2</b>	<b>3</b>	<b>4</b>
First	5 HCF per billing period	2.85 per HCF	3.54 per HCF	4.72 per HCF
Over	5 HCF per billing period	3.68 per HCF	4.57 per HCF	6.10 per HCF

\* Per the Nevada Irrigation District Drought Contingency Plan

State & County Mandated Fee \$1.90

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 4-EO & 4-FO  
EFFECTIVE JANUARY 01, 2020

**NONCOMMERCIAL / COMMERCIAL, OUTSIDE DISTRICT**

Charges for treated water meeting state health standards, delivered through a metered connection.

Service Size:	5/8"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"
Monthly Fixed Service Charge:	34.68	52.03	86.71	173.42	277.47	554.95	867.10	1,734.20	2,774.73

<b>Volumetric Service Charge:</b> (\$ per hundred cubic feet (hcf) per billing period)		
First	5 HCF per billing period	2.86 per HCF
Over	5 HCF per billing period	3.70 per HCF

<b>Volumetric Service Charge During a Drought Declaration:</b>				
(\$ per hundred cubic feet (hcf) per billing period)				
<b>Drought Stage*:</b>		<b>2</b>	<b>3</b>	<b>4</b>
First	5 HCF per billing period	3.56 per HCF	4.43 per HCF	5.90 per HCF
Over	5 HCF per billing period	4.60 per HCF	5.71 per HCF	7.63 per HCF

\* Per the Nevada Irrigation District Drought Contingency Plan

State & County Mandated Fee \$1.90



SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 4-G  
EFFECTIVE JANUARY 01, 2020

**RESIDENTIAL CONDOMINIUM, INSIDE DISTRICT**

Charges for treated water meeting state health standards, delivered through a metered connection to existing Auburn Greens residential condominium units.

<b>Monthly Fixed Service Charge:</b>	<b>27.75</b>
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<b>Volumetric Service Charge:</b> (\$ per hundred cubic feet (hcf) per billing period)		
First	20 HCF per billing period <sup>1</sup>	0.57 per HCF <sup>2</sup>
Over	20 HCF per billing period	0.74 per HCF <sup>2</sup>

<sup>1</sup> 5 HCF per unit

<sup>2</sup> 1/4 of non-commercial usage rate

<b>Volumetric Service Charge During a Drought Declaration:</b>				
(\$ per hundred cubic feet (hcf) per billing period)				
<b>Drought Stage*:</b>		<b>2</b>	<b>3</b>	<b>4</b>
First	20 HCF per billing period	0.71 per HCF	0.89 per HCF	1.18 per HCF
Over	20 HCF per billing period	0.92 per HCF	1.14 per HCF	1.53 per HCF

\* Per the Nevada Irrigation District Drought Contingency Plan

State & County Mandated Fee \$1.90

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICTSCHEDULE 4-H  
EFFECTIVE JANUARY 1, 2014**TANK OR TEMPORARY CONSTRUCTION WATER SERVICE  
FROM AN OPEN CANAL AND/OR FIRE HYDRANT**

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**GENERAL**

- 1) The application charge of \$100.00 is nonrefundable.
- 2) The minimum monthly charge shall be \$85.00.
- 3) Applicants who do not turn in tank tally sheets and/or meter readings by the 10th of each month, for the previous month's usage, will be billed at two (2) times the minimum monthly charge or the estimated usage. Billing under this schedule shall not create a credit for future delivery of water.
- 4) This class of water is not to be used for domestic purposes except in an emergency situation as determined by Nevada Irrigation District.

**TREATED WATER**

- 1) Application will automatically be terminated at end of calendar year.
- 2) A deposit of \$900.00 will be collected for the meter and wrench assembly and is refundable after the water used is paid in full, the hydrant has been inspected to determine that no damage has occurred, the meter and fire hydrant wrench have been returned undamaged and all damages to District facilities have been paid in full. Any default on the conditions of the application will result in forfeiture of the deposit.
- 3) Treated water will be billed at 2.5 times the rate shown in Schedule 4-EI.
- 4) Meter readings shall be turned into the District office at the first of each month.
- 5) The minimum monthly charge or the monthly billing for water usage, whichever is greater, will be levied until the meter is returned.
- 6) Applicant will be responsible for backflow prevention as shown in Schedule 9-A.

**RAW WATER**

- 1) Application will terminate at the end of each year unless requested by customer by Dec 10.
- 2) Raw water will be billed at twice the rate shown in Schedule 5-F.
- 3) Tank tally sheets shall be turned into the District office at the first of each month.
- 4) The minimum monthly charge or the monthly billing for water usage, whichever is greater, will be levied until District is advised in writing to close out the account.

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 4-I  
EFFECTIVE JANUARY 01, 2020

**MONTHLY OFF RATE CHARGES, TREATED WATER SYSTEM**

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**4EI & 4FI RESIDENTIAL & COMMERCIAL – INSIDE DISTRICT**

RATE SCHEDULE	METER SIZE	OFF RATE
1	5/8"	\$ 20.81
2	3/4"	31.22
3	1"	52.03
4	1 1/2"	104.06
5	2"	166.49
6	3"	332.97
7	4"	520.26
8	6"	1,040.52
9	8"	1,664.84
4-G	1"	* 20.81

\*plus usage

State & County Mandated Fee \$1.90

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**4EO & 4FO RESIDENTIAL & COMMERCIAL – OUTSIDE DISTRICT**

RATE SCHEDULE	METER SIZE	OFF RATE
1	5/8"	\$ 26.01
2	3/4"	39.02
3	1"	65.03
4	1 1/2"	130.07
5	2"	208.10
6	3"	416.21
7	4"	650.33
8	6"	1,300.65
9	8"	2,081.05
5-FO	ALL SIZES	2.37

State & County Mandated Fee \$1.90

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 5-B  
EFFECTIVE JANUARY 1, 2020

**RAW WATER SERVICE OUTLET INSTALLATION**

All raw water service connections will be made after proper application and payment is made to the District in accordance with the attached schedule for the requested service.

**CANAL SERVICE BOX**

<b>SERVICE RANGE</b>	<b>BASIC INSTALLATION CHARGE</b>	<b>EXCESS PIPE LENGTH CHARGE<sup>1</sup> (PER FOOT)</b>	
1/2 to 25 miners inches	\$ 1,288.00	2"	\$ 6.20
<i>Relocation or upsize cost</i>	794.00	3"	7.10
26 to 40 miners inches <sup>2</sup>	2,130.00	4"	7.70
<i>Relocation cost</i>	1,210.00	6"	11.20
Over 40 miners inches	Actual Cost	8"	20.10

<sup>1</sup> Where the outlet on a canal service exceeds 20 feet in length, the applicant is charged at the indicated rate per foot for all excess footage in addition to the basic installation charge.

<sup>2</sup> The District reserves the right to utilize a different type of measuring device on these size services at a cost to be determined by the District.

**ORIFICED SERVICE IN RAW WATER PIPELINE OR MANIFOLD**

Service Range

Basic Installation Charge\*

Amount of water available will depend on manifold pressure, using 2 inch meter flanges or Dole flow control and 2 inch gate valves and air release.

\$ 1,193.00

Any service requiring pipe size over 2"

Actual Cost

\* In those instances where the District determines that a screening device is needed in the orificed service to prevent excessive clogging, such screening device shall be the sole cost of the customer (District Regulation 5.04.02 b).

**NOTE:**

All raw water service connections for outside District lands are subject to additional charges per District Regulation 6.08.

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 5-C  
EFFECTIVE JANUARY 1, 2010

**RAW WATER SERVICE OUTLET PERIODIC CHARGES**

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ACTIVE ACCOUNT (With Purchase of Water) - \$48.00 per year charge for each outlet in excess of one.

ACCOUNT CHARGE (Without Purchase of Water) - \$72.00 annual charge on all inactive raw water accounts, plus a \$72.00 annual charge for each additional outlet.

ROTATION - \$102.45 per season per outlet.

**NOTE:**

Add 25% to all charges above for existing accounts serving lands outside the District (amount rounded to the nearest dollar.)

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 5-D  
EFFECTIVE JANUARY 01, 2020

**ANNUAL RAW WATER SERVICE, INSIDE DISTRICT**

Charges for raw (untreated) water sold for irrigation use on an annual basis and billed monthly.

<b>Miners Inches</b>	<b>1/4</b>	<b>1/2</b>	<b>1</b>	<b>1 ½</b>	<b>2</b>	<b>5</b>
<b>Monthly Rate:</b>	\$ 116.19	131.11	144.37	157.63	170.89	399.66

<b>Monthly Rate During a Drought Declaration:</b>							
<b>Drought Stage</b>	<b>Miners Inches</b>	<b>1/4</b>	<b>1/2</b>	<b>1</b>	<b>1 ½</b>	<b>2</b>	<b>5</b>
	<b>2</b>	\$ 119.06	136.86	152.68	168.49	184.31	457.17
	<b>3</b>	\$ 123.16	145.05	164.50	183.96	203.42	539.05
	<b>4</b>	\$ 126.16	151.05	173.17	195.30	217.42	599.07

\* Per the Nevada Irrigation District Drought Contingency Plan

**NOTE:**

Water served pursuant to this schedule is untreated; which, if consumed or used for culinary purposes, could cause serious illness. If the water is so used, it is used at the customer’s own risk.

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 5-F  
EFFECTIVE JANUARY 01, 2020

**ANNUAL RAW WATER SERVICE, OUTSIDE DISTRICT  
SMARTSVILLE ONLY**

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Charges for raw (untreated) water sold for irrigation use through a metered connection.

<b>Service Size:</b>	<b>5/8"</b>	<b>3/4"</b>	<b>1"</b>	<b>1 1/2"</b>	<b>2"</b>	<b>3"</b>	<b>4"</b>
<b>Minimum Monthly Rate:</b>	\$ 2.37	2.37	2.37	2.37	2.37	2.37	2.37
<b>USAGE RATES:</b>	\$2.09 per hundred cubic feet (hcf) per billing period						

**NOTE:**

Water served pursuant to this schedule is untreated; which, if consumed or used for culinary purposes, could cause serious illness. If the water is so used, it is used at the customer's own risk.

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 5-G  
EFFECTIVE JANUARY 01, 2020

**INSIDE DISTRICT SEASONAL IRRIGATION WATER**

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	<b>SUMMER SERVICE</b>	<b>WINTER SERVICE</b>
FIXED SERVICE CHARGE +	\$ 540.09	\$ 675.12
VOLUMETRIC SERVICE CHARGE, PER MI	318.28	397.85

<b>VOLUMETRIC SERVICE CHARGE, PER MI DURING A DROUGHT DECLARATION:</b>		
<b>DROUGHT STAGE*:</b>	<b>SUMMER SERVICE</b>	<b>WINTER SERVICE</b>
2	\$ 379.63	\$ 474.54
3	466.97	583.71
4	530.99	663.73

\* Per the Nevada Irrigation District Drought Contingency Plan

- Summer service to begin on or about April 15 through October 14
- Winter service to begin on or about October 15 through April 14
- Winter service will be charged at 1.25 times the summer service rate.
- Raw water outlet service outlet periodic charges:
  - Active account (with purchase of water: \$48.00 per year charge for each outlet in excess of one
  - Account charge (without purchase of water): \$72.00 annual charge on all inactive raw water accounts, plus an additional \$72.00 charge for each additional outlet
  - Rotation: \$102.45 per season, per outlet



SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 5-H  
EFFECTIVE JANUARY 01, 2020

**OUTSIDE DISTRICT SURPLUS IRRIGATION WATER**

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	<b>SUMMER SERVICE</b>	<b>WINTER SERVICE</b>
FIXED SERVICE CHARGE +	\$ 675.12	\$ 842.54
VOLUMETRIC SERVICE CHARGE, PER MI	397.85	496.52

<b>VOLUMETRIC SERVICE CHARGE, PER MI DURING A DROUGHT DECLARATION:</b>		
<b>DROUGHT STAGE*:</b>	<b>SUMMER SERVICE</b>	<b>WINTER SERVICE</b>
2	\$ 474.54	\$ 592.22
3	583.71	728.47
4	663.73	828.34

\* Per the Nevada Irrigation District Drought Contingency Plan

- Summer service to begin on or about April 15 through October 14
- Winter service to begin on or about October 15 through April 14
- Winter service will be charged at 1.56 times the inside district summer service rate.
- Raw water outlet service outlet periodic charges:
  - Active account (with purchase of water): \$60.00 per year charge for each outlet in excess of one
  - Account charge (without purchase of water): \$90.00 annual charge on all inactive raw water accounts, plus an additional \$90.00 charge for each additional outlet

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 5-I  
EFFECTIVE JANUARY 01, 2020

**DEMAND WATER**

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When available, Demand Irrigation Water may be purchased at rates equal to the following factors, times the normal Irrigation Water rate:

<b>DEMAND</b> (In Days)	10	20	30	40	50	60	70	80	90	100
<b>RATE FACTOR</b>	.20	.35	.50	.65	.75	.80	.85	.90	.95	1.00

Minimum Charge: \$300.43 (.35 x 1 M.I. summer seasonal irrigation water rate)

**During a drought declaration:**

When available, Demand Irrigation Water may be purchased at rates equal to the above factors, times the drought stage Irrigation Water rate.

<b>DROUGHT STAGE*:</b>	<b>MINIMUM CHARGE</b>
2	\$ 321.90
3	352.47
4	374.88

\* Per the Nevada Irrigation District Drought Contingency Plan

Duration must be established upon application. All charges for demand service will be collected in advance of the start of delivery.

Outside District shall be 1.25% higher

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 5-J  
EFFECTIVE JANUARY 01, 2020

**FALL/STOCK WATER**

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AVAILABILITY: October 15 to December 1 to regular irrigation water customers in quantities up to the amount of the seasonal purchase

**RATE:** \$2.03 Per M.I. day (10 M.I. seasonal rate divided by 1830 M.I.D.)  
**MINIMUM CHARGE:** \$300.43 (.35 X 1 M.I. Summer Seasonal Irrigation Water Rate)

**During a drought declaration:**

<b>DROUGHT STAGE*:</b>	<b>MINIMUM CHARGE</b>	<b>RATE PER MI, PER DAY</b>
2	\$ 321.90	\$ 2.37
3	352.47	2.85
4	374.88	3.20

\* Per the Nevada Irrigation District Drought Contingency Plan

All charges for fall/stock water service will be collected in advance of delivery.  
Outside District shall be 1.25% higher

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 5-K  
EFFECTIVE JANUARY 01, 2020

**RAW INTERMITTENT FLOW IRRIGATION WATER**

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SEASON: April 15 to October 14

RATE per acre foot season: \$28.07

MINIMUM SALE: \$188.07

**During a drought declaration:**

<b>DROUGHT STAGE*:</b>	<b>MINIMUM SALE</b>	<b>RATE PER AF SEASON</b>
2	\$ 224.32	\$ 33.48
3	275.97	41.19
4	313.76	46.83

\* Per the Nevada Irrigation District Drought Contingency Plan

**Definition:** Water belonging to District which cannot be supplemented by an auxiliary supply and in District’s opinion cannot be considered a firm supply.

**Determining Water Use:** Sales of return intermittent flow irrigation water utilized by property owners shall be established in acre feet by District through pump ratings, sprinkler flow, actual diversions, acreage irrigated or any combination of the above methods as may be deemed appropriate to determine the amount of water to be used.

Outside District shall be 1.25% higher

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 5-L  
EFFECTIVE JANUARY 01, 2020

**ENERGY PUMPING COST – MAGNOLIA #3**

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Energy Pumping Cost for irrigation (raw) water served from Magnolia #3 Pump System

Cost per M.I. per season: \$348.75

Monthly cost for customers on continuous service:

<b>Miners Inches</b>	<b>1/4</b>	<b>1/2</b>	<b>1</b>	<b>1 ½</b>	<b>2</b>
<b>Monthly Rate:</b>	\$ 14.53	29.06	43.59	58.12	72.66

Charge will be adjusted, after the end of irrigation season, based on actual water pumped by the District and current year pumping costs.

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SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 5-M  
EFFECTIVE JANUARY 01, 2020

**ENERGY PUMPING COST – EDGEWOOD**

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Energy Pumping Cost for irrigation (raw) water served from Edgewood Pumped System

Cost per M.I. per season: \$78.42

Monthly cost for customers on continuous service:

<b>Miners Inches</b>	<b>1/4</b>	<b>1/2</b>	<b>1</b>	<b>1 ½</b>	<b>2</b>
<b>Monthly Rate:</b>	\$ 3.27	6.54	9.80	13.07	16.34

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 5-R  
EFFECTIVE JANUARY 01, 2020

**MUNICIPAL WATER RATES**

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**INSIDE DISTRICT**

Treated Water:

**4" Meter with Double Check Valve \$ 721.58 per month  
Plus \$ 644.69 per acre foot**

Stage 2 Drought Declaration: \$ 801.50 per acre foot  
Stage 3 Drought Declaration: \$ 995.35 per acre foot  
Stage 4 Drought Declaration: \$ 1,328.58 per acre foot

Raw Water:

Placer

**\$540.09 annual fixed fee  
Plus \$ 280.73 per acre foot**

Stage 2 Drought Declaration: \$ 334.84 per acre foot  
Stage 3 Drought Declaration: \$ 411.88 per acre foot  
Stage 4 Drought Declaration: \$ 468.35 per acre foot

**OUTSIDE DISTRICT**

Treated Water:

City of Grass Valley (Alta Hill)

**\$ 805.86 per acre foot**

Stage 2 Drought Declaration: \$ 1,001.88 per acre foot  
Stage 3 Drought Declaration: \$ 1,243.64 per acre foot  
Stage 4 Drought Declaration: \$ 1,661.81 per acre foot

City of Grass Valley @ Broadview Heights

**6" Meter with Double Check Valve \$ 1,789.10 per month  
Plus \$ 805.86 per acre foot**

Stage 2 Drought Declaration: \$ 1,001.88 per acre foot  
Stage 3 Drought Declaration: \$ 1,243.64 per acre foot  
Stage 4 Drought Declaration: \$ 1,661.81 per acre foot

Raw Water

City of Grass Valley and City of Nevada City

**\$ 675.12 annual fixed fee  
Plus \$ 350.92 per acre foot**

Stage 2 Drought Declaration: \$ 418.56 per acre foot  
Stage 3 Drought Declaration: \$ 514.85 per acre foot  
Stage 4 Drought Declaration: \$ 585.43 per acre foot

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 6-A  
EFFECTIVE See below

**MISCELLANEOUS CHARGES  
RENDERING AND PAYMENT OF BILLS**

<b>DESCRIPTION</b>	<b>CHARGE</b>	<b>EFFECTIVE DATE</b>
Duplicate of Water Statement (per billing)	\$ 2.00	09/26/1984
Turn off Notification Fee (Inside District)	10.00	09/26/1984
Turn off Notification Fee (Outside District)	12.50	09/26/1984
Outside District Security Deposit	50.00	09/26/1984
Return Check Fee	25.00	02/11/2015
Public Utility Easement Abandonment	50.00	01/01/1993
Water Availability Letter	50.00	01/01/1994
Variance Request	175.00	01/01/1994
Photocopies, per page	0.10	02/11/2015
Records on Compact Disc (plus postage if applicable)	5.00	02/11/2015
Encroachment Permit - County	190.00	07/01/2007

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 7-A  
EFFECTIVE FEBRUARY 11, 2015

**SPECIAL SERVICE CALL**

Special Service Call fee inside District:	\$ 65.00
Special Service Call fee after normal working hours:	150.00
Special Service Call fee outside District:	81.00
Special Service Call fee after normal working hours, outside District	188.00

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 8-A  
EFFECTIVE JANUARY 1, 2020

**PUBLIC FIRE HYDRANTS ON TREATED WATER SYSTEMS**

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HYDRANT INSTALLATION	
Concurrently with New Construction	\$6,952.00
Installed on Existing Main	9,571.00
Plus lateral charge for each foot in excess of 10 feet	57.60
HYDRANT REMOVAL AND DISCONTINUANCE OF SERVICE	1,533.00
SALVAGE CREDIT ON FIRE HYDRANT RELOCATION	456.00

- Any condition, which in the opinion of the District will result in an estimated installation cost of more than twenty-five percent above those charges shown in this schedule, will be installed on an actual cost basis. Example conditions include connections to a water main larger than 8 inch, connection to a main located deeper than 5 feet below surface, installation in concrete, pavement, or rock.
  
- The District will add to the basic hydrant installation fee any estimated costs related to encroachment permits including associated inspection charges as well as those costs related to any required right of ways.

**NOTE**

Add 25% to all charges above for accounts serving lands outside the District (amount rounded to the nearest dollar.)



SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 8-B  
EFFECTIVE JANUARY 1, 2020

**PRIVATE FIRE SERVICE – INSTALLATION CHARGES**

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The District will estimate all installation costs not associated with the vault and add this amount to the vault costs indicated below. The final cost to the applicant will be the summation of these two installation costs.

Vault installation includes all piping and appurtenances located within the vault, as well as the meter box.

Any condition, which, in the opinion of the District, will result in an estimated vault installation cost of more than twenty-five percent above those charges shown in this schedule, will be installed on an estimated cost basis.

Installations requiring a road boring and jacking will be completed on a time and material basis. A deposit, based on the District's anticipated maximum cost will be due from the applicant prior to installation. The final cost to the applicant will not exceed the deposit.

SIZE	DETECTOR CHECK	DOUBLE DETECTOR CHECK
2"	N/A	N/A
3"	N/A	\$ 13,837.00
4"	\$ 12,317.00	15,164.00
6"	12,719.00	16,612.00
8"	14,019.00	22,459.00
10"	N/A	26,689.00

A detector check is installed unless backflow protection is required, as discussed in Section 9 of the Regulations. A double detector check is installed where backflow protection is needed.

The District will add to the basic vault installation fee any estimated costs related to encroachment permits including associated inspection charges as well as those related to any required right of ways.

**NOTE:**

A \$100.00 fee will be collected at the time an application for a private fire service is submitted to the District. This fee will compensate the District for time spent in estimating the installation cost. The fee will be waived if applicant, pursuant to section 8.05.02 of these Regulations, utilizes a private contractor to install the service and does not request an estimate.

Add 25% to all charges above for accounts serving lands outside the District.

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 8-C  
EFFECTIVE JANUARY 01, 2020

**PRIVATE FIRE SERVICE - MONTHLY CHARGES**

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<b>SIZE</b>	<b>INSIDE DISTRICT DETECTOR CHECK<sup>1</sup></b>	<b>OUTSIDE DISTRICT DETECTOR CHECK<sup>2</sup></b>
1"	\$ 3.40	\$ 4.30
2"	N/A	N/A
3"	N/A	N/A
4"	19.60	24.50
6"	20.90	26.10
8"	23.10	28.90

<sup>1</sup> Usage is charged at double the prevailing 4EI rate schedule.

<sup>2</sup> Usage is charged at double the prevailing 4EO rate schedule.

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SCHEDULE OF RATE AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 8-D  
EFFECTIVE JANUARY 01, 2020

**PRIVATE FIRE SERVICE - MONTHLY CHARGES**

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<b>SIZE</b>	<b>INSIDE DISTRICT DOUBLE DETECTOR CHECK<sup>1</sup></b>	<b>OUTSIDE DISTRICT DOUBLE DETECTOR CHECK<sup>2</sup></b>
2"	\$ 23.00	\$ 28.80
3"	24.70	30.90
4"	25.30	31.60
6"	29.40	36.80
8"	44.90	56.10
10"	58.30	72.90

<sup>1</sup> Usage is charged at double the prevailing 4EI rate schedule.

<sup>2</sup> Usage is charged at double the prevailing 4EO rate schedule.

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 9-A  
EFFECTIVE AUGUST 12, 2020

**BACKFLOW PREVENTION DEVICE - INSTALLATION CHARGES**

<b>ASSEMBLY SIZE</b>	<b>DCV <sup>1</sup></b>	<b>RP <sup>2</sup></b>
3/4"	\$ 717.00	\$ 1,222.00
1"	723.00	1,366.00
1 1/2"	1,153.00	2,231.00
2"	1,194.00	2,856.00
3"	4,363.00	9,478.00
4"	12,251.00	12,056.00
6"	15,991.00	16,527.00
8"	23,093.00	20,877.00
10" AND UP	Actual Cost	Actual Cost

<sup>1</sup> Double Check Valve Assembly

<sup>2</sup> Reduced Pressure Principle Device

**NOTE**

Charges covering RPDA's and double detector checks which are utilized on high risk private fire services can be found in Schedule 8-B.

Add 25% to all charges above for accounts serving lands outside the District (amount rounded to the nearest dollar.)

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 9-B  
EFFECTIVE AUGUST 12, 2020

**BACKFLOW PREVENTION DEVICE – MONTHLY CHARGE**

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<b>ASSEMBLY SIZE</b>	<b>INSIDE DISTRICT DCV*</b>	<b>OUTSIDE DISTRICT DCV*</b>
3/4"	\$7.40	\$ 9.30
1"	7.60	9.50
1 1/2"	8.20	10.30
2"	8.50	10.60
3"	23.90	29.90
4"	27.90	34.90
6"	43.90	54.90
8"	56.70	70.90

\* Double check valve assembly

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 9-C  
EFFECTIVE AUGUST 12, 2020

**BACKFLOW PREVENTION DEVICE - MONTHLY CHARGE**

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<b>ASSEMBLY SIZE</b>	<b>INSIDE DISTRICT RP*</b>	<b>OUTSIDE DISTRICT RP*</b>
3/4"	\$ 8.50	\$ 10.60
1"	9.60	12.00
1 1/2"	12.80	16.00
2"	12.90	16.10
3"	27.20	34.00
4"	30.40	38.00
6"	41.50	51.90
8"	63.80	79.80

\* Reduced pressure principle device

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 10-A  
EFFECTIVE JANUARY 1, 2020

**DISTRICT CONSTRUCTED MAINLINE EXTENSIONS**

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The District will estimate all costs not included in the basic charge listed below and add this to the basic charge. The final cost to the applicant will be the summation of these two installation costs, however, unexpected costs associated with required right of ways or encroachment permits will be added to the total.

**BASIC CHARGE**

<b>SIZE</b>	<b>COST/FOOT</b>	<b>ADD ON FOR SHORT LENGTHS</b>
6"	\$ 108.60	\$ 30.30
8"	138.90	30.30
10"	173.70	30.30
12"	208.60	30.30

- Any condition, which, in the opinion of the District, will result in estimated costs of more than twenty-five percent of those charges shown in this Schedule, will be installed on an estimated cost basis. Pipe sizes in excess of twelve inches will be accomplished on an estimated cost basis.
- The basic charge includes all necessary pipe, air and vacuum valves, blow-offs, thrust block and engineering work. Not included in the basic charge are mainline valves, service settings, existing pipe tie-in, fire hydrant assemblies, right of way and all other items not specifically mentioned as covered under the basic charge.
- If total length of installation is less than 100 feet, add indicated amounts on to per-foot costs; however, the cost as so determined will not exceed the cost of a 100-foot extension.
- The District will determine, prior to start of construction, if adequate funds have been provided in the estimated cost to cover right of way purchases, associated legal and court fees, as well as to cover requirements mandated in any encroachment permits the District must obtain from other public entities for the mainline extension. The developer will be required to pay any of these additional costs prior to start of construction.

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 10-B  
EFFECTIVE JANUARY 1, 2020

**TREATED WATER DISTRIBUTION MAIN CHARGES FOR CALCULATING  
TEMPORARY SERVICE LOCATION TREATED WATER MAIN CONTRIBUTIONS**

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Multiplier

\$121.50

The Treated Water Distribution Main (TWDM) Charge as shown herein will be determined by the District and revised or amended periodically to reflect updated estimates for the cost to provide and install distribution pipelines.

The administrative processing fee for the Temporary Service Location application shall be \$175.00.

The processing fee for the renewal of an Approved Temporary Service Location shall be \$90.00.

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 12-A  
EFFECTIVE SEPTEMBER 26, 1984

**PENALTIES FOR  
UNAUTHORIZED TAKING OF WATER**

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<u>OFFENSE</u>	<u>PENALTY</u>
FIRST	\$250.00
SECOND	\$500.00