



# Staff Report

for the Board Meeting of December 08, 2021

**TO:** Board of Directors

**FROM:** Chip Close, Water Operations Manager  
Aurora Tipton, Customer Service Administrator

**DATE:** November 15, 2021

**SUBJECT: Update of NID Schedule of Rates and Charges Not Subject to Proposition 218**

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## **OPERATIONS**

### **RECOMMENDATION:**

Approve the proposed 2022 Schedule of Rates and Charges, including subsequent rate increases for years 2023-2026, including modifications of NID Rules and Regulations, as recommended by the Water Rates Committee.

### **BACKGROUND:**

The Water Rates Committee (Committee) reviews and sets consumptive water use rates through the Proposition 218 process at regular and scheduled intervals. However, the District performs many other functions that include fees set outside Proposition 218. Many of the non-Proposition 218 fees have little or no documented procedures on how the rates were established. Per Committee request, staff has completed a comprehensive analysis of all schedules based on actual District cost.

### **FINDINGS AND ANALYSIS:**

1. On June 3, 2021, Staff provided the Committee an analysis of the actual costs for half of the services provided in the Schedule of Rates and Charges, and proposed rates based on those costs.
2. On August 3, 2021, Staff provided the Committee the balance of the analysis of actual costs and proposed rates for the remaining Schedule of Rates and Charges.

3. On September 23, 2021, Staff provided the Committee a final draft of the complete Schedule of Rates and Charges that incorporated the Committee's comments and concerns. The Committee recommended advancement to the full Board for adoption.
4. The adoption of the proposed rate schedule entails a number of multi-year adjustments to help buffer large increases. These schedules include:

**Schedule 5C** – Raw water service outlet, periodic charges

- Rotation - 681% increase phased over five years as detailed on page 87 of the Staff Report.

**Schedule 5F** – Water rates for raw water utilized in Smartsville on an annual basis through a metered connection

- 5950% increase to the monthly fixed fee phased in over five years as detailed on page 89 of the Staff Report.

**Schedule 5R** – Water rates for municipal customers

- 100% increase to the treated water volumetric fee phased in over five years as detailed on page 92 of the Staff Report.
  - 125% increase to the raw water fixed fee, fixed fee to be billed monthly.
  - Addition of a “campground” rate with the treated water volumetric increase to be phased in over five years as detailed on page 93 of the Staff Report.
5. Staff determined a number of schedules were no longer necessary as the services are no longer offered. This includes elimination of:

**Schedule 8B** – District installed Private fire services on treated water systems installation charges and the related changes to the Rules and Regulations documentation section 8.05.02 as detailed on page 102 of the Staff Report. The District no longer performs this service. Private contractors will complete future installations per District standard details.

**Schedule 10A** - District constructed mainline extension, installation charges, and the related elimination of Rules and Regulations section 10.04 as detailed on page 124 of the staff report. The District no longer performs this service. Private contractors will complete future installations per District standard details.

6. The Committee recommended an annual adjustment for non-water rate-driven fees, based upon the *Engineering News and Report, 20 City, Construction Cost Index for December*, effective January 01 of each subsequent year.
7. Staff was directed to conduct a comprehensive review of the full non-218 Schedule of Rates and Charges every 5 years using the same methodology as established in this report. The next review is proposed in 2026.

**ALTERNATIVES:**

1. Make no changes to the existing Schedule of Rates and Charges. The District will continue to absorb costs over and above the fees charged.
2. Decline the rate increase as proposed and move back to Rates Committee for further analysis

**CONCLUSION:**

Adoption of the rates as recommended by the Committee will enable the recovery of actual costs for services provided. Approval will also establish a regular update of the Schedule of Rates and Fees to track with inflation adjustment moving forward.

**BUDGETARY IMPACT:**

Unknown at this time.

**ATTACHMENTS (3):**

- 2021 Rate Schedule
- 2022 Proposed Rate Schedule
- Cost Analysis

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# APPENDIX A

## 2021 INDEX TO SCHEDULES

PAGE NO	SCHEDULE NO	DESCRIPTION
1 & 2		Index to schedules
3 & 4	4-A	Treated water system, standby charges and connection fees
5	4-B	Miscellaneous meter service charges
6	4-EI & 4-FI	Water rates covering treated water meeting State Health standards, utilized for noncommercial and commercial purposes utilized inside District
7	4-EO & 4-FO	Water rates covering treated water meeting State Health standards, utilized for noncommercial and commercial purposes utilized outside District
8	4-G	Water rates covering Auburn Greens residential condominium units
9	4-H	Tank or temporary construction water service
10	4-I	Off-rate charges for Treated Water Systems
11	5-B	Raw water service outlet, installation charges
12	5-C	Raw water service outlet, periodic charges
13	5-D	Water rates for raw water utilized inside District on an annual basis
14	5-F	Water rates for raw water utilized in Smartsville on an annual basis through a metered connection
15	5-G	Water rates for seasonal raw water utilized inside District
16	5-H	Water rates for seasonal raw water utilized outside District
17	5-I	Water rates for raw water utilized on a demand basis
18	5-J	Water rates for raw water utilized during fall season
19	5-K	Water rates for intermittent flow raw water
20	5-L	Energy pumping cost for raw water served from Magnolia #3 Pump System
20	5-M	Energy pumping cost for raw water served from Edgewood Pump System
21	5-R	Municipal Water Rates, inside & outside district
22	6-A	Miscellaneous charges, rendering and payments of bills
22	7-A	Special service call
23	8-A	Charges related to public fire hydrants on treated water systems
24	8-B	Private fire services on treated water systems, installation charges

# APPENDIX A

## 2022 INDEX TO SCHEDULES

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9	4-H	Tank or temporary construction water service
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20	5-L	Energy pumping cost for raw water served from Magnolia #3 Pump System
20	5-M	Energy pumping cost for raw water served from Edgewood Pump System
21	5-R	Municipal Water Rates, inside & outside District
22	6-A	Miscellaneous charges, rendering and payments of bills
22	7-A	Special service call
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24	8-C	Private fire service, with detector check, on treated water systems, monthly charges

<b>PAGE NO</b>	<b>SCHEDULE NO</b>	<b>DESCRIPTION</b>
25	8-C	Private fire service, with detector check, on treated water systems, monthly charges
25	8-D	Private fire service, with double detector check on treated water systems, monthly charges
26	9-B	Backflow prevention devices, installation charges
27	9-C	Backflow prevention devices, monthly charges for double check valve assembly
27	9-D	Backflow prevention devices, monthly charges for reduced pressure principle device
28	10-A	District constructed mainline extensions, installation charges
29	10-B	TSL Treated Water Main Contributions
30	12-A	Penalties for unauthorized taking of water



<b>PAGE NO</b>	<b>SCHEDULE NO</b>	<b>DESCRIPTION</b>
25	8-D	Private fire service, with double detector check on treated water systems, monthly charges
25	9-B	Backflow prevention devices, installation charges
26	9-C	Backflow prevention devices, monthly charges for double check valve assembly
27	9-D	Backflow prevention devices, monthly charges for reduced pressure principle device
27	10-B	TSL Treated Water Main Contributions
28	12-A	Penalties for unauthorized taking of water

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

**STANDBY CHARGES<sup>2</sup>:** \$6.00 per month per parcel

**CONNECTION FEES<sup>3</sup>,** Non-Commercial<sup>4</sup> use

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

Meter Size	Installation Charge	-----Capacity Charge-----	
		Parcels In District Prior to 03/01/2007	Parcels Annexed to District After 03/01/2007
5/8"	\$ 681.00	\$ 11,164.00	\$ 14,972.00
3/4"	723.00	16,076.00	21,560.00
<b>Domestic Meter &amp; Fire Meter Installation</b>			
5/8" & 1"	\$ 1,450.00	\$ 11,164.00	\$ 14,972.00
3/4" & 1"	1,492.00	16,076.00	21,560.00

**Installation Requiring Tap to Main\***

Meter Size	Installation Charge	-----Capacity Charge-----	
		Parcels In District Prior to 03/01/2007	Parcels Annexed to District After 03/01/2007
5/8"	\$ 5,423.00	\$ 11,164.00	\$ 14,972.00
3/4"	5,464.00	16,076.00	21,560.00
1"	5,551.00	28,581.00	38,231.00
1 1/2"	5,877.00	64,293.00	86,545.00
2"	6,092.00	114,318.00	153,323.00
Over 2"	DETERMINED BY DISTRICT		
<b>Domestic Meter &amp; Fire Meter Installation</b>			
5/8" & 1"	\$ 5,859.00	\$ 11,164.00	\$ 14,972.00
3/4" & 1"	5,900.00	16,076.00	21,560.00

**\*Service Lateral Installation Cost**

\$67.40 per foot of service lateral 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.

<sup>1</sup>BOD 01/25/2017; 09/13/2017; 06/27/2018; escalated annually by Construction Cost Index

<sup>2</sup> BOD 12/12/1990, 12/09/1993; Rules & Regulations Section 4.02.01

<sup>3</sup> Rules & Regulations Section 4.04

<sup>4</sup> Rules & Regulations Section 4.01.04

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

**STANDBY CHARGES<sup>2</sup>:** \$6.00 per month per parcel

**CONNECTION FEES<sup>3</sup>,** Non-Commercial<sup>4</sup> use

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

<b>Simple Drop In</b>		<b>-----Capacity Charge-----</b>	
<b>Meter Size</b>	<b>Installation Charge</b>	<b>Parcels In District Prior to 03/01/2007</b>	<b>Parcels Annexed to District After 03/01/2007</b>
5/8"	445.20	\$ 11,164.00	\$ 14,972.00
3/4"	468.70	16,076.00	21,560.00
<b>Complex Drop In, Domestic Meter &amp; Fire Meter Installation</b>			
5/8" & 1"	\$2,052.30	\$ 11,164.00	\$ 14,972.00
3/4" & 1"	2,075.80	16,076.00	21,560.00

**Installation Requiring Tap to Main\***

		<b>-----Capacity Charge-----</b>	
<b>Meter Size</b>	<b>Installation Charge</b>	<b>Parcels In District Prior to 03/01/2007</b>	<b>Parcels Annexed to District After 03/01/2007</b>
5/8"	\$ 7,562.60	\$ 11,164.00	\$ 14,972.00
3/4"	7,586.20	16,076.00	21,560.00
1"	7,628.70	28,581.00	38,231.00
1 1/2"	7,843.60	64,293.00	86,545.00
2"	8,013.30	114,318.00	153,323.00
Over 2"	DETERMINED BY DISTRICT		
<b>Domestic Meter &amp; Fire Meter Installation</b>			
5/8" & 1"	\$ 8,031.90	\$ 11,164.00	\$ 14,972.00
3/4" & 1"	8,055.50	16,076.00	21,560.00

**\*Service Lateral Installation Cost**

\$108.00 per foot of service lateral 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.

<sup>1</sup>BOD 01/25/2017; 09/13/2017; 06/27/2018; TBD

<sup>2</sup> BOD 12/12/1990, 12/09/1993; Rules & Regulations Section 4.02.01

<sup>3</sup> Rules & Regulations Section 4.04

<sup>4</sup> Rules & Regulations Section 4.01.04

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

**CONNECTION FEES:** Commercial, Industrial, Municipal and Multi-Unit Master Meters<sup>5</sup>

Meter Size	-----Installation Charge-----		Capacity Charge
	Drop-In (Existing Meter Box and Water Service Lateral)	Installation Requiring Tap to Main*	
5/8"	\$ 681.00	\$ 5,423.00	Requires Water Demand Analysis - See Below
3/4"	723.00	5,464.00	
1"	769.00	5,551.00	
1 1/2"	1,050.00	5,877.00	
2"	1,258.00	6,092.00	
Over 2"	DETERMINED BY DISTRICT		
<b>Domestic Meter &amp; Fire Meter Installation</b>			
5/8" & 1"	\$ 1,451.00	\$ 5,859.00	Requires Water Demand Analysis - See Below
3/4" & 1"	1,492.00	5,900.00	

**\*Service Line Installation Cost**

\$67.40 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:  $5 \text{ ERU} \times \$11,164 / \text{ERU} = \$55,820 \text{ for capacity fees}$

**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.

<sup>5</sup> Rules & Regulations Section 4.01.03

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

**CONNECTION FEES:** Commercial, Industrial, Municipal and Multi-Unit Master Meters<sup>5</sup>

Meter Size	-----Installation Charge-----		Capacity Charge
	Simple Drop-In (Existing Meter Box and Water Service Lateral)	Installation Requiring Tap to Main*	
5/8"	\$445.20	\$ 7,562.60	Requires Water Demand Analysis - See Below
3/4"	468.70	7,586.20	
1"	511.20	7,628.70	
1 1/2"	726.20	7,843.60	
2"	895.90	8,013.30	
Over 2"	DETERMINED BY DISTRICT		
<b>Domestic Meter &amp; Fire Meter Installation</b>			
5/8" & 1"	\$ 2,052.30	\$ 8,031.90	Requires Water Demand Analysis - See Below
3/4" & 1"	2,075.80	8,055.50	

**\*Service Line Installation Cost**

**\$108.00** 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 GPD/1250 gal per ERU = 5 ERU  
 Capacity Fee Calculation: 5 ERU X \$11,164/ ERU = \$55,820 for capacity fees

**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.

<sup>5</sup> Rules & Regulations Section 4.01.03

**MISCELLANEOUS METER SERVICE CHARGES**

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**TESTING<sup>6</sup>**

<b>Meter Size</b>	<b>Deposit</b>	<b>Effective Date</b>
5/8" to 3/4"	\$30.00	02/11/2015
1" AND ABOVE	DETERMINED BY DISTRICT	02/11/2015

**UPSIZING/DOWNSIZING**

A special service call as shown in Schedule 7-A 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.

**ABANDONMENT**

Customer requesting new meter installation at a location other than existing box and curb stop or requesting meter relocation will be charged an abandonment fee of \$402.70 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.)

<sup>6</sup> Rules & Regulations Section 4.06.09

**MISCELLANEOUS METER SERVICE CHARGES**

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**TESTING<sup>6</sup>**

<b>Meter Size</b>	<b>Deposit</b>	<b>Effective Date</b>
5/8" to 3/4"	<b>\$98.00</b>	RECOMMEND 01/01/2022
1" AND ABOVE	DETERMINED BY DISTRICT	02/11/2015

**UPSIZING/DOWNSIZING**

A special service call as shown in Schedule 7-A 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.

**ABANDONMENT**

Customer requesting new meter installation at a location other than existing box and curb stop or requesting meter relocation will be charged an abandonment fee of **\$5,126.00** 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.)

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<sup>6</sup> Rules & Regulations Section 4.06.09; BOD 02/11/2015, TBD

SCHEDULE OF RATES AND CHARGES  
 BY NEVADA IRRIGATION DISTRICT

SCHEDULE 4-EI & 4-FI<sup>7</sup>  
 EFFECTIVE JANUARY 01, 2021

**NONCOMMERCIAL / COMMERCIAL, INSIDE DISTRICT**

Charges for treated water meeting state health standards, delivered 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>6"</b>	<b>8"</b>
<b>Monthly Fixed Service Charge:</b>	29.33	44.00	73.34	146.67	234.68	469.35	733.36	1,466.72	2,346.75

<b>Volumetric Service Charge:</b> (\$ per hundred cubic feet (hcf) per billing period)		
First	5 HCF per billing period	2.42 per HCF
Over	5 HCF per billing period	3.13 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	2.99 per HCF	3.71 per HCF	4.93 per HCF
Over	5 HCF per billing period	3.87 per HCF	4.80 per HCF	6.37 per HCF

\* Per the Nevada Irrigation District Drought Contingency Plan

State & County Mandated Fee \$1.90

<sup>7</sup> Board Resolution 2019-06



SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 4-EI & 4-FI<sup>7</sup>  
EFFECTIVE JANUARY 01, 2021

**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:	29.33	44.00	73.34	146.67	234.68	469.35	733.36	1,466.72	2,346.75

<b>Volumetric Service Charge:</b> (\$ per hundred cubic feet (hcf) per billing period)		
First	5 HCF per billing period	2.42 per HCF
Over	5 HCF per billing period	3.13 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	2.99 per HCF	3.71 per HCF	4.93 per HCF
Over	5 HCF per billing period	3.87 per HCF	4.80 per HCF	6.37 per HCF

\* Per the Nevada Irrigation District Drought Contingency Plan

State & County Mandated Fee \$1.90

<sup>7</sup> Board Resolution 2019-06

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 4-EO & 4-FO<sup>8</sup>  
EFFECTIVE JANUARY 01, 2021

**NONCOMMERCIAL / COMMERCIAL, OUTSIDE DISTRICT**

Charges for treated water meeting state health standards, delivered 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>6"</b>	<b>8"</b>
<b>Monthly Fixed Service Charge:</b>	36.67	55.00	91.67	183.34	293.34	586.69	916.70	1,833.40	2,933.44

<b>Volumetric Service Charge:</b> (\$ per hundred cubic feet (hcf) per billing period)		
First	5 HCF per billing period	3.03 per HCF
Over	5 HCF per billing period	3.91 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	3.74 per HCF	4.64 per HCF	6.16 per HCF
Over	5 HCF per billing period	4.84 per HCF	6.00 per HCF	7.96 per HCF

\* Per the Nevada Irrigation District Drought Contingency Plan

State & County Mandated Fee \$1.90

<sup>8</sup> Board Resolution 2019-06

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 4-EO & 4-FO<sup>8</sup>  
EFFECTIVE JANUARY 01, 2021

**NONCOMMERCIAL / COMMERCIAL, OUTSIDE DISTRICT**

Charges for treated water meeting state health standards, delivered 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>6"</b>	<b>8"</b>
<b>Monthly Fixed Service Charge:</b>	36.67	55.00	91.67	183.34	293.34	586.69	916.70	1,833.40	2,933.44

<b>Volumetric Service Charge:</b> (\$ per hundred cubic feet (hcf) per billing period)		
First	5 HCF per billing period	3.03 per HCF
Over	5 HCF per billing period	3.91 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	3.74 per HCF	4.64 per HCF	6.16 per HCF
Over	5 HCF per billing period	4.84 per HCF	6.00 per HCF	7.96 per HCF

\* Per the Nevada Irrigation District Drought Contingency Plan

State & County Mandated Fee \$1.90

<sup>8</sup> Board Resolution 2019-06

**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>29.33</b>
<b>Monthly Off Rate Fixed Service Charge*:</b>	<b>22.00</b>

\*plus usage

<b>Volumetric Service Charge:</b> (\$ per hundred cubic feet (hcf) per billing period)		
First	20 HCF per billing period <sup>1</sup>	0.61 per HCF <sup>2</sup>
Over	20 HCF per billing period	0.78 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	0.75 per HCF	0.93 per HCF	1.23 per HCF
Over	20 HCF per billing period	0.97 per HCF	1.20 per HCF	1.59 per HCF

\* Per the Nevada Irrigation District Drought Contingency Plan

State & County Mandated Fee \$1.90

**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>29.33</b>
<b>Monthly Off Rate Fixed Service Charge*:</b>	<b>22.00</b>

\*plus usage

<b>Volumetric Service Charge:</b> (\$ per hundred cubic feet (hcf) per billing period)		
First	20 HCF per billing period <sup>1</sup>	0.61 per HCF <sup>2</sup>
Over	20 HCF per billing period	0.78 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	0.75 per HCF	0.93 per HCF	1.23 per HCF
Over	20 HCF per billing period	0.97 per HCF	1.20 per HCF	1.59 per HCF

\* Per the Nevada Irrigation District Drought Contingency Plan

State & County Mandated Fee \$1.90

**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.

<sup>9</sup> Rules & Regulations Section 4.01.02, 5.01.08

**TANK OR TEMPORARY CONSTRUCTION WATER SERVICE  
FROM AN OPEN CANAL AND/OR FIRE HYDRANT**

---

**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.

**BILLING**

- 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) Water will be billed at 2.5 times the rate shown in Schedule 4-EI.
- 4) Meter readings or tank tally sheets 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.

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<sup>9</sup> BOD TBD; Rules & Regulations Section 4.01.02, 5.01.08;

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

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**NON-COMMERCIAL & COMMERCIAL – INSIDE DISTRICT**

RATE SCHEDULE	METER SIZE	OFF RATE
1	5/8"	\$ 22.00
2	3/4"	33.00
3	1"	55.01
4	1 1/2"	110.00
5	2"	176.01
6	3"	352.01
7	4"	550.02
8	6"	1,100.04
9	8"	1,760.06

State & County Mandated Fee \$1.90

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**NON-COMMERCIAL & COMMERCIAL – OUTSIDE DISTRICT**

RATE SCHEDULE	METER SIZE	OFF RATE
1	5/8"	\$ 27.50
2	3/4"	41.25
3	1"	68.75
4	1 1/2"	137.51
5	2"	220.01
6	3"	440.02
7	4"	687.53
8	6"	1,375.05
9	8"	2,200.08

State & County Mandated Fee \$1.90

<sup>10</sup> Rules & Regulations Section 4.09



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

---

**NON-COMMERCIAL & COMMERCIAL – INSIDE DISTRICT**

RATE SCHEDULE	METER SIZE	OFF RATE
1	5/8"	\$ 22.00
2	3/4"	33.00
3	1"	55.01
4	1 1/2"	110.00
5	2"	176.01
6	3"	352.01
7	4"	550.02
8	6"	1,100.04
9	8"	1,760.06

State & County Mandated Fee \$1.90

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**NON-COMMERCIAL & COMMERCIAL – OUTSIDE DISTRICT**

RATE SCHEDULE	METER SIZE	OFF RATE
1	5/8"	\$ 27.50
2	3/4"	41.25
3	1"	68.75
4	1 1/2"	137.51
5	2"	220.01
6	3"	440.02
7	4"	687.53
8	6"	1,375.05
9	8"	2,200.08

State & County Mandated Fee \$1.90

<sup>10</sup> Rules & Regulations Section 4.09

**RAW WATER SERVICE OUTLET INSTALLATION<sup>11</sup>**

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	\$ 1,316.00	2"	\$ 6.30
<i>Relocation or upsize cost</i>	811.00	3"	7.30
26 to 40 miners inches <sup>2</sup>	2,176.00	4"	7.90
<i>Relocation cost</i>	1,236.00	6"	11.40
Over 40 miners inches	Actual Cost	8"	20.50

<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.

\$ 1,219.00

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:**

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

<sup>11</sup> Rules & Regulations Section 5.04

**RAW WATER SERVICE OUTLET INSTALLATION<sup>11</sup>**

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**

SERVICE RANGE	BASIC INSTALLATION CHARGE
1/2 to 12 miners inches (2", 3" or 4" outlet)	\$ 1,554.00
Relocation or upsize cost	1,099.00
Over 13 miners inches (6" or larger outlet)	Actual Cost

**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.

\$ 1,160.50

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:**

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

<sup>11</sup> BOD 01/13/1981, 12/23/1981, 11/23/1983; TBD; Rules & Regulations Section 5.04

**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.)

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**RAW WATER SERVICE OUTLET PERIODIC CHARGES**

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ACTIVE ACCOUNT (With Purchase of Water) - **\$181.00** per year charge for each outlet in excess of one.

ACCOUNT CHARGE (Without Purchase of Water) - **\$181.00** annual charge on all inactive raw water accounts, plus a **\$181.00** annual charge for each additional outlet.

ROTATION – **\$400.00** 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.)

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<sup>12</sup> BOD TBD

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 5-D<sup>12</sup>  
EFFECTIVE JANUARY 01, 2021

**ANNUAL RAW WATER SERVICE, INSIDE DISTRICT**

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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>	\$ 122.83	138.61	152.63	166.65	180.67	422.51

<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>	\$ 125.78	144.50	161.14	177.78	194.42	481.48
	<b>3</b>	\$ 130.05	153.04	173.47	193.91	214.34	566.85
	<b>4</b>	\$ 133.37	159.69	183.08	206.47	229.86	633.34

\* Per the Nevada Irrigation District Drought Contingency Plan

<sup>12</sup> Rules & Regulations Section 5.01.04

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 5-D<sup>13</sup>  
EFFECTIVE JANUARY 01, 2021

**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>¼ Summer ¼ Winter</b>	<b>½ Summer ½ Winter</b>	<b>1 Summer ½ Winter</b>	<b>1 ½ Summer ½ Winter</b>	<b>2 Summer ½ Winter</b>
<b>Monthly Rate:</b>	\$ 122.83	138.61	152.63	166.65	180.67

<b>Drought Stage</b>	<b>Miners Inches Summer/Winter</b>	<b>¼ Summer ¼ Winter</b>	<b>½ Summer ½ Winter</b>	<b>1 Summer ½ Winter</b>	<b>1 ½ Summer ½ Winter</b>	<b>2 Summer ½ Winter</b>
	<b>2</b>	\$ 125.78	144.50	161.14	177.78	194.42
<b>3</b>	\$ 130.05	153.04	173.47	193.91	214.34	
<b>4</b>	\$ 133.37	159.69	183.08	206.47	229.86	

\* Per the Nevada Irrigation District Drought Contingency Plan

<sup>13</sup> Rules & Regulations Section 5.01.04

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

---

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>	\$ 2.51	2.51	2.51	2.51	2.51	2.51	2.51
<b>USAGE RATES:</b>	\$2.21 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.



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

---

Charges for raw (untreated) water sold for irrigation use through a 1” metered connection.

<b>Monthly Fixed Fee:</b>	<b>\$ 26.70</b>
<b>Volumetric Service Charge:</b>	<b>\$ 0.12 per HCF</b>

<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>
	0.14 per HCF	0.17 per HCF	0.20 per HCF

**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.

**INSIDE DISTRICT SEASONAL IRRIGATION WATER**

	<b>SUMMER SERVICE</b>	<b>WINTER SERVICE</b>
FIXED SERVICE CHARGE +	\$ 570.99	\$ 713.73
VOLUMETRIC SERVICE CHARGE, PER MI	336.48	420.61

<b>VOLUMETRIC SERVICE CHARGE, PER MI DURING A DROUGHT DECLARATION:</b>		
<b>DROUGHT STAGE*:</b>	<b>SUMMER SERVICE</b>	<b>WINTER SERVICE</b>
2	\$ 399.38	\$ 499.22
3	490.44	613.05
4	561.36	701.70

\* 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.

<sup>13</sup> Resolution 2019-06; Rules & Regulations Section 5.01.02, 5.01.03

**INSIDE DISTRICT SEASONAL IRRIGATION WATER**

	<b>SUMMER SERVICE</b>	<b>WINTER SERVICE</b>
FIXED SERVICE CHARGE +	\$ 570.99	\$ 713.73
VOLUMETRIC SERVICE CHARGE, PER MI	336.48	420.61

<b>VOLUMETRIC SERVICE CHARGE, PER MI DURING A DROUGHT DECLARATION:</b>		
<b>DROUGHT STAGE*:</b>	<b>SUMMER SERVICE</b>	<b>WINTER SERVICE</b>
2	\$ 399.38	\$ 499.22
3	490.44	613.05
4	561.36	701.70

\* 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.

<sup>15</sup> Resolution 2019-06; Rules & Regulations Section 5.01.02, 5.01.03

**OUTSIDE DISTRICT SURPLUS IRRIGATION WATER**

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	<b>SUMMER SERVICE</b>	<b>WINTER SERVICE</b>
FIXED SERVICE CHARGE +	\$ 713.73	\$890.74
VOLUMETRIC SERVICE CHARGE, PER MI	420.61	524.91

<b>VOLUMETRIC SERVICE CHARGE, PER MI DURING A DROUGHT DECLARATION:</b>		
<b>DROUGHT STAGE*:</b>	<b>SUMMER SERVICE</b>	<b>WINTER SERVICE</b>
2	\$ 499.22	\$ 623.03
3	613.05	765.09
4	701.70	875.72

\* 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.

<sup>14</sup> Resolution 2019-06; Rules & Regulations Section 5.01.11

**OUTSIDE DISTRICT SURPLUS IRRIGATION WATER**

---

	<b>SUMMER SERVICE</b>	<b>WINTER SERVICE</b>
FIXED SERVICE CHARGE +	\$ 713.73	\$890.74
VOLUMETRIC SERVICE CHARGE, PER MI	420.61	524.91

<b>VOLUMETRIC SERVICE CHARGE, PER MI DURING A DROUGHT DECLARATION:</b>		
<b>DROUGHT STAGE*:</b>	<b>SUMMER SERVICE</b>	<b>WINTER SERVICE</b>
2	\$ 499.22	\$ 623.03
3	613.05	765.09
4	701.70	875.72

\* 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.

<sup>16</sup> Resolution 2019-06; Rules & Regulations Section 5.01.11

**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: \$317.60 (.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	\$ 339.60
3	371.50
4	396.30

\* 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.

**NOTE:**

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

<sup>15</sup> Rules & Regulations Section 5.01.07

**DEMAND WATER**

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: \$317.60 (.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	\$ 339.60
3	371.50
4	396.30

\* 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.

**NOTE:**

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

<sup>17</sup> Rules & Regulations Section 5.01.07

**FALL/STOCK WATER**

---

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

**RATE:** \$2.15 Per M.I. day (10 M.I. seasonal rate divided by 1830 M.I.D.)

**MINIMUM CHARGE:** \$317.60 (.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	\$ 339.60	\$ 2.49
3	371.50	2.99
4	396.30	3.38

\* Per the Nevada Irrigation District Drought Contingency Plan

All charges for fall/stock water service will be collected in advance of delivery.

**NOTE:**

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

<sup>16</sup> Rules & Regulations Section 5.01.06



**FALL/STOCK WATER**

---

AVAILABILITY: October 15 to December 1 to regular irrigation water customers in quantities up to the amount of the seasonal purchase. **This service will only be provided when and where District has available water and is secondary to seasonal or demand water.**

**RATE:** \$6.23 Per M.I. day (Winter Fixed plus 1 MI Volumetric, from Schedule 5-G /182 days)

**During a drought declaration:**

<b>DROUGHT STAGE*:</b>	<b>RATE PER MI, PER DAY</b>
2	\$ 6.66
3	7.29
4	7.78

\* Per the Nevada Irrigation District Drought Contingency Plan

All charges for fall/stock water service will be collected in advance of delivery.

A service call fee as shown in Schedule 7-A shall be charged for turn off.

**NOTE:**

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

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<sup>18</sup> BOD TBD; Rules & Regulations Section 5.01.06

**RAW INTERMITTENT FLOW IRRIGATION WATER**

---

SEASON: April 15 to October 14

RATE per acre foot season: \$29.68

MINIMUM SALE: \$ 198.86

**During a drought declaration:**

<b>DROUGHT STAGE*:</b>	<b>MINIMUM SALE</b>	<b>RATE PER AF SEASON</b>
2	\$ 236.04	\$ 35.23
3	289.84	43.26
4	331.72	49.51

\* 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.

**NOTE:**

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

<sup>17</sup> Rules & Regulations Section 5.01.05

**RAW INTERMITTENT FLOW IRRIGATION WATER**

SEASON: April 15 to October 14

RATE per acre foot season: **\$80.04**

MINIMUM SALE: **\$ 536.27**

**During a drought declaration:**

DROUGHT STAGE*:	MINIMUM SALE	RATE PER AF SEASON
2	<b>\$ 573.45</b>	<b>\$ 85.59</b>
3	<b>627.25</b>	<b>93.62</b>
4	<b>699.20</b>	<b>99.88</b>

\* 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.

**NOTE:**

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

<sup>19</sup> BOD TBD; Rules & Regulations Section 5.01.05

**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.

**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

**ENERGY PUMPING COST – MAGNOLIA #3**

---

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

**ENERGY PUMPING COST – EDGEWOOD**

---

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

**MUNICIPAL WATER RATES**

**INSIDE DISTRICT**

**Treated Water:**

<b>4" Meter, Monthly Fixed Service Charge</b>					<b>\$733.36</b>
<b>4" Double Check Valve, Monthly Service Charge</b>					<b>\$28.50</b>
<b>Plus Volumetric Service Charge by Drought Stage:</b>					
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	
Per Acre Foot	\$681.71	\$842.89	\$1,045.44	\$1,387.39	
Per Hundred Cubic Foot (HCF)	1.57	1.94	2.40	3.19	

**Raw Water:**

<b>Fixed Service Charge</b>					<b>\$570.99</b>
<b>Plus Volumetric Service Charge by Drought Stage:</b>					
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	
Per Acre Foot	\$296.79	\$352.26	\$432.58	\$495.14	

**OUTSIDE DISTRICT**

**Treated Water:**

<b>Volumetric Service Charge by Drought Stage:</b>					
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	
Per Acre Foot	\$851.60	\$1,054.15	\$1,306.80	\$1,733.69	
Per Hundred Cubic Foot (HCF)	1.96	2.42	3.00	3.98	

<b>6" Meter, Monthly Fixed Service Charge</b>					<b>\$1,833.40</b>
<b>6" Double Check Valve, Monthly Service Charge</b>					<b>\$56.00</b>
<b>Plus Volumetric Service Charge by Drought Stage:</b>					
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	
Per Acre Foot	\$851.60	\$1,054.15	\$1,306.80	\$1,733.69	
Per Hundred Cubic Foot (HCF)	1.96	2.42	3.00	3.98	

**Raw Water**

<b>Fixed Service Charge</b>					<b>\$713.73</b>
<b>Plus Volumetric Service Charge by Drought Stage</b>					
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	
Per Acre Foot	\$370.99	\$440.33	\$540.73	\$618.92	

**MUNICIPAL WATER RATES<sup>20</sup>**

**INSIDE DISTRICT**

**Treated Water:**

<b>Fixed Fee:</b> Customers shall be charged a monthly fixed fee as shown on Schedule 4-EI/4FI.				
<b>Backflow:</b> Where applicable, customers shall be charged a monthly fee as shown on Schedule 9-C/9-D				
<b>Plus Volumetric Service Charge by Drought Stage:</b>				
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Per Acre Foot	\$ 818.06	981.41	1,181.78	1,525.91
Per Hundred Cubic Foot (HCF)	\$ 1.88	2.25	2.71	3.50

**Raw Water:**

<b>Fixed Fee:</b> Customers shall be charged a fixed fee for summer and winter service as shown on Schedule 5-G. The total annual fee shall be billed in 12 equal installments.				
<b>Plus Volumetric Service Charge by Drought Stage:</b>				
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Per Acre Foot	\$296.79	\$352.26	\$432.58	\$495.14

**OUTSIDE DISTRICT**

**Treated Water:**

<b>Fixed Fee:</b> Customers shall be charged a monthly fixed fee as shown on Schedule 4-EO/4FO.				
<b>Backflow:</b> Where applicable, customers shall be charged a monthly fee as shown on Schedule 9-C/9-D				
<b>Volumetric Service Charge by Drought Stage:</b>				
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Per Acre Foot	\$ 1,021.92	1,224.47	1,477.12	1,904.01
Per Hundred Cubic Foot (HCF)	\$ 2.35	2.81	3.39	4.37

**Raw Water**

<b>Fixed Fee:</b> Customers shall be charged a fixed fee for summer and winter service as shown on Schedule 5-H. The total annual fee shall be billed in 12 equal installments.				
<b>Plus Volumetric Service Charge by Drought Stage</b>				
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Per Acre Foot	\$370.99	\$440.33	\$540.73	\$618.92

**CAMPGROUNDS**

<b>Fixed Fee:</b> Customers shall be charged a monthly fixed fee as shown on Schedule 4-EI/4FI.				
<b>Backflow:</b> Where applicable, customers shall be charged a monthly fee as shown on Schedule 9-C/9-D				
<b>Plus Volumetric Service Charge by Drought Stage:</b>				
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Up to 5 HCF	\$ 0.97	1.20	1.49	1.97
Over 5 HCF	\$ 1.25	1.55	1.92	2.55

<sup>20</sup> BOD TBD

SCHEDULE OF RATES AND CHARGES  
 BY NEVADA IRRIGATION DISTRICT

SCHEDULE 6-A  
 EFFECTIVE See below

**MISCELLANEOUS CHARGES  
 RENDERING AND PAYMENT OF BILLS**

DESCRIPTION	CHARGE	EFFECTIVE DATE
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 6-A  
EFFECTIVE See below

**MISCELLANEOUS CHARGES  
RENDERING AND PAYMENT OF BILLS**

DESCRIPTION	CHARGE	EFFECTIVE DATE
Duplicate of Water Statement (per billing)	\$ 2.00	09/26/1984
Turn off Notification Fee (Inside District)	11.00	RECOMMEND 01/01/2022
Turn off Notification Fee (Outside District)	13.75	RECOMMEND 01/01/2022
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  
RECOMMEND EFFECTIVE JANUARY 1, 2022<sup>21</sup>

**SPECIAL SERVICE CALL**

Special Service Call fee inside District:	\$ 113.00
Special Service Call fee after normal working hours:	233.00
Special Service Call fee outside District:	\$141.00
Special Service Call fee after normal working hours, outside District	291.00

<sup>21</sup> BOD 02/15/2015, TBD

**PUBLIC FIRE HYDRANTS ON TREATED WATER SYSTEMS**

---

HYDRANT INSTALLATION	
Concurrently with New Construction	\$7,101.00
Installed on Existing Main	9,777.00
Plus lateral charge for each foot in excess of 10 feet	58.80
HYDRANT REMOVAL AND DISCONTINUANCE OF SERVICE	1,566.00
SALVAGE CREDIT ON FIRE HYDRANT RELOCATION	466.00

- 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.)

<sup>18</sup> Rules & Regulations Section 8.04

**PUBLIC FIRE HYDRANTS ON TREATED WATER SYSTEMS**

---

HYDRANT INSTALLATION

Installed on Existing Main

**\$13,236.63**

**Plus lateral charge, per foot**

**110.80**

- 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.)

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<sup>22</sup> BOD TBD; Rules & Regulations Section 8.04

**PRIVATE FIRE SERVICE – INSTALLATION CHARGES**

---

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	\$ 14,134.00
4"	\$ 12,582.00	15,490.00
6"	12,992.00	16,969.00
8"	14,320.00	22,941.00
10"	N/A	27,262.00

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.

<sup>19</sup> Rules & Regulations Section 8.05

***SCHEDULE 8-B  
RECOMMENDED  
FOR ELIMINATION***

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 8-C<sup>20</sup>  
EFFECTIVE JANUARY 01, 2021

**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"	\$ 3.50	\$ 4.40
2"	N/A	N/A
3"	N/A	N/A
4"	20.00	25.00
6"	21.30	26.60
8"	23.60	29.50

<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 RATE AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 8-D  
EFFECTIVE JANUARY 01, 2021

**PRIVATE FIRE SERVICE - MONTHLY CHARGES**

---

<b>SIZE</b>	<b>INSIDE DISTRICT DOUBLE DETECTOR CHECK<sup>1</sup></b>	<b>OUTSIDE DISTRICT DOUBLE DETECTOR CHECK<sup>2</sup></b>
2"	\$ 23.50	\$ 29.40
3"	25.20	31.50
4"	25.80	32.30
6"	30.00	37.50
8"	45.90	57.40
10"	59.60	74.50

<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.

<sup>20</sup> Rules and Regulations Section 8.05.04

**PRIVATE FIRE SERVICE - MONTHLY CHARGES**

---

<b>SIZE</b>	<b>INSIDE DISTRICT DETECTOR CHECK<sup>1</sup></b>	<b>OUTSIDE DISTRICT DETECTOR CHECK<sup>2</sup></b>
1"	\$ 3.60	\$ 4.50
4"	35.90	44.90
6"	38.60	48.30
8"	44.00	55.00

<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.

**PRIVATE FIRE SERVICE - MONTHLY CHARGES**

---

<b>SIZE</b>	<b>INSIDE DISTRICT DOUBLE DETECTOR CHECK<sup>1</sup></b>	<b>OUTSIDE DISTRICT DOUBLE DETECTOR CHECK<sup>2</sup></b>
2", 3" or 4"	\$ 54.30	\$ 67.90
6"	57.00	71.30
8"	62.40	78.00
10"	78.20	97.80

<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.

<sup>23</sup> BOD TBD; Rules and Regulations Section 8.05.04

**BACKFLOW PREVENTION DEVICE - INSTALLATION CHARGES**

<b>ASSEMBLY SIZE</b>	<b>DCV <sup>1</sup></b>	<b>RP <sup>2</sup></b>
3/4"	\$ 732.00	\$ 1,248.00
1"	739.00	1,395.00
1 1/2"	1,178.00	2,279.00
2"	1,220.00	2,917.00
3"	4,457.00	9,682.00
4"	12,514.00	12,315.00
6"	16,334.00	16,882.00
8"	23,589.00	21,325.00
10" AND UP	Actual Cost	Actual Cost

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

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

**NOTE**

Charges covering 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.)

<sup>21</sup> Rules & Regulations Section 9



**BACKFLOW PREVENTION DEVICE - INSTALLATION CHARGES**

ASSEMBLY SIZE	DCV <sup>1</sup>	RP <sup>2</sup>
3/4"	\$ 480.80	\$ 1,398.80
1"	470.80	1,550.50
1 1/2"	N/A	2,137.70
2"	N/A	2,257.30
3" OR LARGER	N/A	ACTUAL COST

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

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

**NOTE**

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

When an RP device larger than 2" is required installation fees would be based on actual cost.

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

<sup>24</sup> BOD TBD; Rules & Regulations Section 9

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 9-C<sup>22</sup>  
EFFECTIVE JANUARY 01, 2021

**BACKFLOW PREVENTION DEVICE – MONTHLY CHARGE**

ASSEMBLY SIZE	INSIDE DISTRICT DCV*	OUTSIDE DISTRICT DCV*
3/4"	\$7.60	\$ 9.50
1"	7.80	9.80
1 1/2"	8.40	10.50
2"	8.70	10.90
3"	24.40	30.50
4"	28.50	35.60
6"	44.80	56.00
8"	57.90	72.40

\* Double check valve assembly

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 9-D  
EFFECTIVE JANUARY 01, 2021

**BACKFLOW PREVENTION DEVICE - MONTHLY CHARGE**

ASSEMBLY SIZE	INSIDE DISTRICT RP*	OUTSIDE DISTRICT RP*
3/4"	\$ 8.70	\$ 10.90
1"	9.80	12.30
1 1/2"	13.10	16.40
2"	13.20	16.50
3"	27.80	34.80
4"	31.10	38.90
6"	42.40	53.00
8"	65.20	81.50

\* Reduced pressure principle device

<sup>22</sup> Rules & Regulations Section 9.04

**BACKFLOW PREVENTION DEVICE – MONTHLY CHARGE**

ASSEMBLY SIZE	INSIDE DISTRICT DCV*	OUTSIDE DISTRICT DCV*
3/4"	\$ 11.74	\$ 14.68
1"	12.32	15.40
1 1/2"	13.20	16.51
2"	14.20	17.76
3"	17.16	21.45
4"	17.16	21.45
6"	19.86	24.83
8"	25.53	31.91

\* Double check valve assembly

**BACKFLOW PREVENTION DEVICE - MONTHLY CHARGE**

ASSEMBLY SIZE	INSIDE DISTRICT RP*	OUTSIDE DISTRICT RP*
3/4"	\$ 15.05	\$ 18.81
1"	16.24	20.30
1 1/2"	18.07	22.59
2"	19.63	24.54
3"	27.30	34.13
4"	48.28	60.36
6"	56.04	70.05
8"	81.32	101.65

\* Reduced pressure principle device

<sup>25</sup> BOD TBD: Rules & Regulations Section 9.04

**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"	\$ 110.90	\$ 31.00
8"	141.90	31.00
10"	177.40	31.00
12"	213.10	31.00

- 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.

<sup>23</sup> Rules & Regulations Section 10.04

***SCHEDULE 10-A  
RECOMMENDED  
FOR ELIMINATION***

*Cost Analysis Reference Pages 123-124*

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

Multiplier

\$124.10

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.

<sup>24</sup> Rules & Regulations Section 10.12

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

---

Multiplier

\$124.10

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.

NO CHANGE

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<sup>26</sup> Rules & Regulations Section 10.12

**PENALTIES FOR  
UNAUTHORIZED TAKING OF WATER**

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

<sup>25</sup> Rules & Regulations Section 12.04



**PENALTIES FOR  
UNAUTHORIZED TAKING OF WATER**

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<b>Penalties for water theft committed via meter tampering:</b>	
First Violation	\$ 130.00
Second Violation	700.00
Third Violation and each subsequent violation within one year of first violation	1,300.00

<b>Penalties for all other forms of water theft:</b>	
First Violation	\$ 1,000.00
Second Violation	2,000.00
Third Violation and each subsequent violation within one year of first violation	3,000.00

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<sup>27</sup> BOD TBD: Rules & Regulations Section 12.04

**METER INSTALL - TAP - SINGLE DOMESTIC SERVICE**

LABOR	Quantity	Hours Required	Hourly Rate		LINE TOTAL
			w/Ben. & OH		
Senior Utility Worker	1	7	\$ 94.01		\$ 658.07
Equipment Operator	2	7	\$ 91.31		\$ 1,278.34
Utility Worker	2	7	\$ 85.31		\$ 1,194.34
Temp labor (traffic control)	2	7	\$ 18.00		\$ 252.00
			<b>LABOR TOTAL</b>		<b>\$ 3,382.75</b>

MATERIALS	Quantity	Cost		
Sand, Mainline Excavation ((6*7*1')/27)=1.56 yd	Per 2.5/yd	0.62	\$ 43.75	\$ 27.13
3/4" Ag Base, Mainline Excavation ((6*7*1.5')/27)= 2.33 yds	Per 2.5/yd	0.93	\$ 49.48	\$ 46.02
Cutback Mainline Excavation ((6*7*.33)/27) = .51 yds	Per yard	0.2	\$ 158.00	\$ 31.60
Asphalt Restoration, Mainline, (6*7*.33')= 42 sq ft)	Per ton	1	\$ 100.00	\$ 100.00
5/8" Meter		1	\$ 98.75	\$ 98.75
3/4" Meter		1	\$ 122.33	\$ 122.33
1" Meter		1	\$ 164.82	\$ 164.82
1.5" Meter		1	\$ 379.75	\$ 379.75
2" Meter		1	\$ 549.45	\$ 549.45
Endpoint		1	\$ 101.12	\$ 101.12
Single and double service materials list		1	\$ 572.81	572.81
Single service materials list		1	\$ 439.53	439.53
<b>5/8" DOMESTIC SERVICE MATERIAL TOTAL</b>				<b>\$ 1,416.95</b>
<b>3/4" DOMESTIC SERVICE MATERIAL TOTAL</b>				<b>\$ 1,440.53</b>
<b>1" DOMESTIC SERVICE MATERIAL TOTAL</b>				<b>\$ 1,483.02</b>
<b>1.5" DOMESTIC SERVICE MATERIAL TOTAL</b>				<b>\$ 1,697.95</b>
<b>2" DOMESTIC SERVICE MATERIAL TOTAL</b>				<b>\$ 1,867.65</b>

EQUIPMENT				
11051 - Cat 420 Backhoe	1	7	\$ 53.91	\$ 377.37
10930 - 3 axle dump truck	1	7	\$ 58.85	\$ 411.95
10673 Trailer	1	7	\$ 4.77	\$ 33.39
10672 - F-550 service truck	1	7	\$ 55.69	\$ 389.83
10854 - One ton dump truck	2	7	\$ 57.70	\$ 807.80
Light duty pickup truck	2	7	\$ 25.30	\$ 354.20
10109 Compacting / tamping wacker	1	7	\$ 3.65	\$ 25.55
10003 - 5 yd Dump Truck	1	7	\$ 42.53	\$ 297.71
Asphalt saw	1	7	\$ 6.30	\$ 44.10
Air compressor	1	7	\$ 3.00	\$ 21.00
<b>EQUIPMENT TOTAL</b>				<b>2,762.90</b>

Description	2021 Fee	Calculated Cost	INCREASE/ DECREASE
5/8" Meter, Tap	\$ 5,423.00	\$ 7,562.60	39%
3/4" Meter, Tap	\$ 5,464.00	\$ 7,586.20	39%
1" Meter, Tap	\$ 5,551.00	\$ 7,628.70	37%
1.5" Meter, Tap	\$ 5,877.00	\$ 7,843.60	33%
2" Meter, Tap	\$ 6,092.00	\$ 8,013.30	32%

**METER INSTALL - TAP - DOMESTIC & FIRE SERVICE INSTALL**

LABOR	Quantity	Hours Required	Hourly Rate		LINE TOTAL
			w/Ben. & OH		
Senior Utility Worker	1	7	\$ 94.01		\$ 658.07
Equipment Operator	2	7	\$ 91.31		\$ 1,278.34
Utility Worker	2	7	\$ 85.31		\$ 1,194.34
Temp labor (traffic control)	2	7	\$ 18.00		\$ 252.00
			<b>LABOR TOTAL</b>		<b>\$ 3,382.75</b>

MATERIALS	Quantity	Cost		
Sand, Mainline Excavation ((6*7*1')/27)=1.56 yd	Per 2.5/yd	0.62	\$ 43.75	\$ 27.13
3/4" Ag Base, Mainline Excavation ((6*7*1.5')/27)= 2.33 yds	Per 2.5/yd	0.93	\$ 49.48	\$ 46.02
Cutback Mainline Excavation ((6*7*.33)/27) = .51 yds	Per yard	0.2	\$ 158.00	\$ 31.60
Asphalt Restoration, Mainline, (6*7***.33')= 42 sq ft)	Per Ton	1	\$ 100.00	\$ 100.00
5/8" Meter		1	\$ 98.75	\$ 98.75
3/4" Meter		1	\$ 122.33	\$ 122.33
1" Meter		1	\$ 164.82	\$ 164.82
Endpoint		2	\$ 101.12	\$ 202.24
Single and double service materials list		1	\$ 572.81	572.81
Double service materials list		1	\$ 642.88	642.88
<b>5/8" DOMESTIC SERVICE W/1" FIRE SERVICE MATERIAL TOTAL</b>				<b>1,886.24</b>
<b>3/4" DOMESTIC SERVICE W/1" FIRE SERVICE MATERIAL TOTAL</b>				<b>\$ 1,909.82</b>

EQUIPMENT				
11051 - Cat 420 Backhoe	1	7	\$ 53.91	\$ 377.37
10930 - 3 axle dump truck	1	7	\$ 58.85	\$ 411.95
10673 Trailer	1	7	\$ 4.77	\$ 33.39
10672 - F-550 service truck	1	7	\$ 55.69	\$ 389.83
10854 - One ton dump truck	2	7	\$ 57.70	\$ 807.80
Light duty pickup truck	2	7	\$ 25.30	\$ 354.20
10109 Compacting / tamping wacker	1	7	\$ 3.65	\$ 25.55
10003 - 5 yd Dump Truck	1	7	\$ 42.53	\$ 297.71
Asphalt saw	1	7	\$ 6.30	\$ 44.10
Air compressor	1	7	\$ 3.00	\$ 21.00
<b>EQUIPMENT TOTAL</b>				<b>2,762.90</b>

Description	2021 Fee	Calculated Cost	INCREASE/DECREASE
5/8" Meter w/1" FS, Tap	\$ 5,859.00	\$ 8,031.90	37%
3/4" Meter w/1" FS, Tap	\$ 5,900.00	\$ 8,055.50	37%

**METER INSTALL - SIMPLE DROP IN**  
**Single Domestic Service**

<b>LABOR</b>	<u>Quantity</u>	<u>Hours Required</u>	<u>Hourly Rate w/Ben. &amp; OH</u>		
Utility Worker	2	1	\$ 85.31	\$	170.62
			<b>LABOR TOTAL</b>		<b>\$ 170.62</b>

<b>MATERIALS</b>	<u>Quantity</u>	<u>Cost</u>		
5/8" Badger Meter	1	\$ 98.75	\$	98.75
3/4" Meter	1	\$ 122.33	\$	122.33
1" Meter	1	\$ 164.82	\$	164.82
1.5" Meter	1	\$ 379.75	\$	379.75
2" Meter	1	\$ 549.45	\$	549.45
Endpoint	1	\$ 101.12	\$	101.12
		<b>5/8" MATERIAL TOTAL</b>		<b>\$ 199.87</b>
		<b>3/4" MATERIAL TOTAL</b>		<b>\$ 223.45</b>
		<b>1" MATERIAL TOTAL</b>		<b>\$ 265.94</b>
		<b>1.5" MATERIAL TOTAL</b>		<b>\$ 480.87</b>
		<b>2" MATERIAL TOTAL</b>		<b>\$ 650.57</b>

<b>EQUIPMENT</b>	<u>Quantity</u>	<u>Hours Required</u>	<u>Hourly Rate</u>		
10672 Utility Bed Service Truck		1	\$ 55.69	\$	55.69
Light duty pickup truck	1	0.75	\$ 25.30	\$	18.98
			<b>EQUIPMENT TOTAL</b>		<b>\$ 74.67</b>

<u>Description</u>	<u>2021 Fee</u>	<u>Calculated Cost</u>	<u>INCREASE/ DECREASE</u>
5/8" Meter, Drop In	\$ 681.00	\$ 445.20	-53%
3/4" Meter, Drop In	\$ 723.00	\$ 468.70	-54%
1" Meter, Drop In	\$ 769.00	\$ 511.20	-50%
1.5" Meter, Drop In	\$ 1,050.00	\$ 726.20	-45%
2" Meter, Drop In	\$ 1,258.00	\$ 895.90	-40%

**METER INSTALL - COMPLEX DROP IN  
Domestic Service W/Fire Service**

LABOR	Quantity	Hours		Hourly Rate	
		Required		w/Ben. & OH	
Customer Service Technician (Identify Service Lateral)	1	0.75		\$ 85.82	\$ 64.37
Fire Flow Letter	1	0.5		\$ 147.81	\$ 73.91
Water Distribution Operator	1	2.5		\$ 88.22	\$ 220.55
Utility Worker*	2	2.5		\$ 85.31	\$ 426.55
				<b>LABOR TOTAL</b>	<b>\$ 785.37</b>

MATERIALS	Quantity	Cost	
Double Service Materials List	1	\$ 642.88	\$ 642.88
5/8" Badger Meter	1	\$ 98.75	\$ 98.75
3/4" Meter	1	\$ 122.33	\$ 122.33
1" Meter	1	\$ 164.82	\$ 164.82
Endpoint	2	\$ 101.12	\$ 202.24
		<b>5/8" Meter w/1" FS MATERIAL TOTAL</b>	<b>\$ 1,108.69</b>
		<b>3/4" Meter w/1" FS MATERIAL TOTAL</b>	<b>\$ 1,132.27</b>

EQUIPMENT	Quantity	Hours		Hourly Rate	
		Required			
10672 Utility Bed Service Truck	1	2.5		\$ 55.69	\$ 139.23
Light duty pickup truck	1	0.75		\$ 25.30	\$ 18.98
				<b>EQUIPMENT TOTAL</b>	<b>\$ 158.20</b>

Description	2021 Fee	Calculated Cost	INCREASE/DECREASE
5/8" Meter w/1" FS, Complex Drop In	\$ 1,450.00	\$ 2,052.30	29%
3/4" Meter w/1" FS, Complex Drop In	\$ 1,492.00	\$ 2,075.80	28%

\* Utility Workers will excavate service line, retrofit existing service lateral, install meters, backfill

**SERVICE LATERAL INSTALL - 40 FT.**

LABOR	Quantity	Hours	Hourly Rate	
		Required	w/Ben. & OH	
Senior Utility Worker, Trench Backfill	1	2	\$ 94.01	\$ 188.02
Equipment Operator, Trench Backfill	2	2	\$ 91.31	\$ 365.24
Utility Worker, Trench Backfill	2	2	\$ 85.31	\$ 341.24
Temp labor (traffic control), Trench Backfill	2	2	\$ 18.00	\$ 72.00
Senior Utility Worker, Asphalt Restoration	1	3.5	\$ 94.01	\$ 329.04
Equipment Operator, Asphalt Restoration	2	3.5	\$ 91.31	\$ 639.17
Utility Worker, Asphalt Restoration	2	3.5	\$ 85.31	\$ 597.17
Temp labor (traffic control), Asphalt Restoration	2	3.5	\$ 18.00	\$ 126.00
<b>LABOR TOTAL</b>				<b>2,657.88</b>

MATERIALS - TRENCH BACKFILL	Quantity	Cost		
Sand ((1' * 2' * 40')/27) = 2.96 yds	Per 2.5/yd	1.18	\$ 43.75	\$ 51.63
1.5" Poly Pipe	Per Ft.	40	\$ 1.1437	\$ 45.75
Copper Trace Wire	Per Ft.	40	\$ 0.2156	\$ 8.62
3/4" Aggregate Base ((1.5*2*40)/27)= 4.44 yds	Per 2.5/yd	1.78	\$ 49.48	\$ 88.07
Cutback Temp Asphalt Patch ((.33*2*40)/27) = .97 yds	Per yard	0.39	\$ 158.00	\$ 61.62
<b>MATERIAL, TRENCH BACKFILL TOTAL</b>			<b>\$</b>	<b>255.69</b>

MATERIALS - ASPHALT RESTORATION	Quantity	Cost		
Asphalt Restoration	Per ton	1	\$ 100.00	\$ 100.00
<b>MATERIAL, ASPHALT RESTORATION TOTAL</b>			<b>\$</b>	<b>100.00</b>

EQUIPMENT	Quantity	Hours	Hourly Rate	
		Required		
11051 - Cat 420 Backhoe	1	2	\$ 53.91	\$ 107.82
10930 - 3 axle dump truck	1	2	\$ 58.85	\$ 117.70
10673 Trailer	1	2	\$ 4.77	\$ 9.54
10672 - F-550 service truck	1	5.5	\$ 55.69	\$ 306.30
10854 - One ton dump truck	2	2	\$ 57.70	\$ 230.80
Light duty pickup truck	2	5.5	\$ 25.30	\$ 278.30
10109 Compacting / tamping wacker	1	2	\$ 3.65	\$ 7.30
10003 - 5 yd Dump Truck	1	2	\$ 42.53	\$ 85.06
Asphalt saw	1	2	\$ 6.30	\$ 12.60
Air compressor	1	2	\$ 3.00	\$ 6.00
9055 Roller	1	3.5	\$ 22.00	\$ 77.00
<sup>1</sup> 700 mm Traffic Cones, per 100, Trench Backfill	1		\$ 16.07	\$ 16.07
<sup>1</sup> Flag/ sign stands, Trench Backfill	6		\$ 2.97	\$ 17.82
<sup>1</sup> 700 mm Traffic Cones, per 100, Asphalt Rest.	1		\$ 16.07	\$ 16.07
<sup>1</sup> Flag/ sign stands, Asphalt Rest.	6		\$ 2.97	\$ 17.82
<b>EQUIPMENT TOTAL</b>				<b>\$ 1,306.20</b>

**CALCULATED COST, 40 FT. SERVICE LINE \$ 4,319.76**

**CALCULATED COST PER FOOT \$ 108.00**

2021 ACTUAL RATE	\$ 67.40	INCREASE/DECREASE	60.24%
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<sup>1</sup> CalTrans Labor and Equipment Rates, 2021 Rate Book

PENTAMATION  
DATE: 07/26/2021  
TIME: 10:18:41

NEVADA IRRIGATION DISTRICT  
REQUEST STATUS

PAGE NUMBER: 1  
INVRES16

SELECTION CRITERIA: invreq.req\_no=142624

REQUEST 142624      REQUESTED 07/26/21    REQUIRED 07/26/21    REQ YR 21    REQUESTED BY

SHIP TO: 10230    NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230    NID GRASS VALLEY CORP YARD

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
01	N16-2440.0	EA	1.0000	.0000	1.0000	07/26/21	86.2331	86.23	A	07/26/21
	8" SADDLE 8.63-9.80 1-1/2" IPT ROMAC 202S DS									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
10171            52504        10317        52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
02	N15-0180.0	FT	1.0000	.0000	1.0000	07/26/21	.2156	.22	A	07/26/21
	#10 PVC INSUL COPPER TRACER WIRE									

Per Foot

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
10171            52504        10317        52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
03	N05-0881.0	EA	1.0000	.0000	1.0000	07/26/21	126.7872	126.79	A	07/26/21
	1-1/2" FB500-6-NL FORD BALLCORP STOP VALVE=1-1/2" INLET=MIP 1-1/2" OUTLET=MIP 1-1/2"									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
10171            52504        10317        52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
04	N19-0255.1	EA	4.0000	.0000	4.0000	07/26/21	15.4926	61.97	A	07/26/21
	1-1/2" 90 DEG EL BRASS NL									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
10171            52504        10317        52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
05	N19-0350.0	EA	2.0000	.0000	2.0000	07/26/21	4.3179	8.64	A	07/26/21
	1-1/2" X CLOSE NIPPLE BRASS NL									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
10171            52504        10317        52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
06	N19-0161.0	EA	2.0000	.0000	2.0000	07/26/21	67.4167	134.83	A	07/26/21
	C86-66-IDR7 FORD COUP 1-1/2" PE PJ X 1-1/2" MIP									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
10171            52504        10317        52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
07	N16-1364.2	EA	2.0000	.0000	2.0000	07/26/21	2.9090	5.82	A	07/26/21
	#74 INS STIFF. 1-1/2" POLY PIPE FORD									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
10171            52504        10317        52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
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PENTAMATION  
 DATE: 07/26/2021  
 TIME: 10:18:41

NEVADA IRRIGATION DISTRICT  
 REQUEST STATUS

PAGE NUMBER: 2  
 INVRE516

SELECTION CRITERIA: invreq.req\_no=142624

REQUEST	142624	REQUESTED	07/26/21	REQUIRED	07/26/21	REQ YR	21	REQUESTED BY		
SHIP TO:	10230	NID GRASS VALLEY CORP YARD			WAREHOUSE:	10230	NID GRASS VALLEY CORP YARD			
08	N19-0345.0	EA	2.0000	.0000	2.0000	07/26/21	24.2284	48.46	A 07/26/21	
	1-1/2" X 12" NIPPLE BRASS NL									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10171	52504	10317	52504						
LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS DATE	
09	N19-0180.0	EA	1.0000	.0000	1.0000	07/26/21	8.6489	8.65	A 07/26/21	
	1-1/2" COUPLING BRASS NL									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10171	52504	10317	52504						
LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS DATE	Per Foot
10	N03-5340.2	FT	1.0000	.0000	1.0000	07/26/21	1.1437	1.14	A 07/26/21	
	1-1/2" POLY PIPE SIDR7 IPS PE 4710 250 PSI									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10171	52504	10317	52504						
LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS DATE	
11	N08-0214.0	LD	.2500	.0000	.2500	07/26/21	175.0146	43.75	A 07/26/21	
	SAND									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10171	52504	10317	52504						
LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS DATE	
12	N08-0215.0	LD	.2500	.0000	.2500	07/26/21	190.6779	47.67	A 07/26/21	
	3/4" CAL-TRANS CLASS 2 (NORDIC & PARKS BAR QUARRY)									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10171	52504	10317	52504						

TOTAL REQUEST 574.17

TOTAL REPORT 574.17



PENTAMATION  
 DATE: 07/26/2021  
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NEVADA IRRIGATION DISTRICT  
 REQUEST STATUS

PAGE NUMBER: 1  
 INVRES16

SELECTION CRITERIA: invreq.req\_no=142626

REQUEST 142626      REQUESTED 07/26/21    REQUIRED 07/26/21    REQ YR 21    REQUESTED BY

SHIP TO: 10230    NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230    NID GRASS VALLEY CORP YARD

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK	ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
01	N19-0509.0	EA	1.0000		.0000	1.0000	07/26/21	13.0507	13.05	A	07/26/21
	1-1/2" TEE BRASS NL										
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT							
	10171	52504	10317	52504							
02	N19-0460.0	EA	2.0000		.0000	2.0000	07/26/21	11.8424	23.68	A	07/26/21
	1-1/2" X 1" BELL REDUCER BRASS NL										
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT							
	10171	52504	10317	52504							
03	N19-0338.5	EA	2.0000		.0000	2.0000	07/26/21	8.0360	16.07	A	07/26/21
	1-1/2" X 4" NIPPLE BRASS NL										
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT							
	10171	52504	10317	52504							
04	N19-0350.0	EA	2.0000		.0000	2.0000	07/26/21	4.3179	8.64	A	07/26/21
	1-1/2" X CLOSE NIPPLE BRASS NL										
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT							
	10171	52504	10317	52504							
05	N19-0505.0	EA	2.0000		.0000	2.0000	07/26/21	8.1199	16.24	A	07/26/21
	1" TEE BRASS										
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT							
	10171	52504	10317	52504							
06	N19-0240.0	EA	2.0000		.0000	2.0000	07/26/21	7.8208	15.64	A	07/26/21
	1" 90 DEG ST EL BRASS NL										
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT							
	10171	52504	10317	52504							
07	N10-0631.0	EA	4.0000		.0000	4.0000	07/26/21	14.0298	56.12	A	07/26/21
	C38-44-1.5 FORD METER CPLG.-F/1" SHORT NL										
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT							
	10171	52504	10317	52504							
08	N05-0814.5	EA	4.0000		.0000	4.0000	07/26/21	93.0688	372.28	A	07/26/21

Double Service  
Page 2 of 2

PENTAMATION  
DATE: 07/26/2021  
TIME: 10:29:47

NEVADA IRRIGATION DISTRICT  
REQUEST STATUS

PAGE NUMBER: 2  
INVRE516

SELECTION CRITERIA: invreq.req\_no=142626

REQUEST 142626      REQUESTED 07/26/21    REQUIRED 07/26/21    REQ YR 21    REQUESTED BY

SHIP TO: 10230    NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230    NID GRASS VALLEY CORP YARD

B20200 1" SERVICE STOP FIP X FIP MUELLER

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
10171            52504        10317        52504

LN	STOCK NUMBER/DESCRIPTION UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS DATE
09	N18-0100.0                    EA	1.0000	.0000	1.0000	07/26/21	42.2247	42.22	A 07/26/21
	B24BOX CONCRETE DUAL METER BOX - CHRISTY							

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
10171            52504        10317        52504

LN	STOCK NUMBER/DESCRIPTION UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS DATE
10	N18-0080.0                    EA	1.0000	.0000	1.0000	07/26/21	78.9379	78.94	A 07/26/21
	B24 POLYMER LID W/ AMR BADGER HOLE 20K RATED ARMORCAST PR# A6000491T-H10H10							

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
10171            52504        10317        52504

TOTAL REQUEST	642.88
TOTAL REPORT	642.88

Single Service

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PENTAMATION  
 DATE: 07/26/2021  
 TIME: 10:24:15

NEVADA IRRIGATION DISTRICT  
 REQUEST STATUS

PAGE NUMBER: 1  
 INVRE516

SELECTION CRITERIA: invreq.req\_no=142625

REQUEST 142625      REQUESTED 07/26/21    REQUIRED 07/26/21    REQ YR 21    REQUESTED BY

SHIP TO: 10230    NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230    NID GRASS VALLEY CORP YARD

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
01	N19-0137.0	EA	1.0000	.0000	1.0000	07/26/21	69.8892	69.89	A	07/26/21
	U18-64 FORD BRANCH 1-1/2" FIPT X 1" X 1" MIP BRASS									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10171	52504	10317	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
02	N05-0995.0	EA	2.0000	.0000	2.0000	07/26/21	102.6989	205.40	A	07/26/21
	BA 13-444W 1" BALL ANGLE METER VALVE FORD									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10171	52504	10317	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
03	N10-0610.5	EA	2.0000	.0000	2.0000	07/26/21	8.7917	17.58	A	07/26/21
	A-34 NL FORD MTR ADAPTER 1" (144 PAIRS)									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10171	52504	10317	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
04	N18-0100.0	EA	1.0000	.0000	1.0000	07/26/21	42.2247	42.22	A	07/26/21
	B24BOX CONCRETE DUAL METER BOX - CHRISTY									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10171	52504	10317	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
05	N18-0125.0	EA	1.0000	.0000	1.0000	07/26/21	104.4373	104.44	A	07/26/21
	B24-61D TRAFFIC LID-STEEL CHECKER PLATE									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10171	52504	10317	52504

TOTAL REQUEST	439.53
TOTAL REPORT	439.53

**METER TESTING**

<b>LABOR</b>	<u>Quantity</u>	<u>Hours Required</u>	<u>Hourly Rate w/Ben. &amp; OH</u>	<b>LINE TOTAL</b>
Customer Service Technician	2	1	\$ 85.82	171.64
<b>EQUIPMENT</b>				
Light Duty Pickup Truck	1	1	\$ 25.30	25.30
<b>CALCULATED RATE:</b>				<b>196.94</b>
<b>Recommendation:</b>				<b>\$ 98.00</b>

2021 ACTUAL RATE	\$ 30.00	INCREASE/DECREASE	556.47%
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**Recommendation:**

Staff recommends increasing the rate to 50% of the actual cost and budgeting water efficiency funds to subsidize meter testing costs.

**TREATED WATER SERVICE ABANDONMENT**

<b>LABOR</b>	<u>Description</u>	<u>Quantity</u>	<u>Hours Required</u>	<u>Hourly Rate w/Ben. &amp; OH</u>	
Senior Utility Worker		1	7	\$ 94.01	\$ 658.07
Equipment Operator		2	7	\$ 91.31	\$ 1,278.34
Utility Worker		2	7	\$ 85.31	\$ 1,194.34
Temp labor (traffic control)		2	7	\$ 18.00	\$ 252.00
<b>LABOR TOTAL</b>					<b>\$ 3,382.75</b>

<b>EQUIPMENT</b>	<u>Description</u>	<u>Quantity</u>	<u>Hours Required</u>	<u>Hourly Rate</u>	
10954	Dump Truck	1	7	\$ 45.02	\$ 315.14
10666	Cat 420 Backhoe	1	7	\$ 53.91	\$ 377.37
9895	10 Yd Dump Truck	1	7	\$ 52.67	\$ 368.69
10672	Utility Bed Service Truck	1	7	\$ 55.69	\$ 389.83
<b>EQUIPMENT TOTAL</b>					<b>\$ 1,451.03</b>

<b>MATERIALS - 40' trench</b>	<u>Description</u>	<u>Quantity Required</u>	<u>Cost Per</u>	
	Sand - (1'x2'x40'/27 = 2.96 yards) trench	Per 2.5 yard	1.18 \$ 43.75	\$ 51.63
	Full Circle Band (based on 8" pipe)	1	\$ 182.21	\$ 182.21
	3/4" Aggregate Base 40' trench	Per 2.5 yard	1.18 \$ 49.48	\$ 58.39
<b>MATERIALS TOTAL</b>				<b>\$ 292.22</b>

**CALCULATED COST \$ 5,126.00**

2021 ACTUAL RATE	\$ 402.70	INCREASE/DECREASE	1172.91%
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**STANDARD WATER BOX: INSTALLATION**

1/2 TO 12 MINERS INCHES PLUS 20 FEET PIPE (2", 3" or 4" outlet)

	<u>Description</u>	<u>Quantity</u>	<u>Hours Required</u>	<u>Hourly Rate w/Ben. &amp; OH</u>	
LABOR	Welder	1	3	\$ 93.12	\$ 279.36
	Utility Worker	1	4	\$ 85.31	\$ 341.24
	Equipment Operator	1	4	\$ 91.31	\$ 365.24

**LABOR TOTAL \$ 985.84**

	<u>Description</u>	<u>Quantity</u>	<u>Hours Required</u>		
EQUIPMENT 1*	10848 Cat Mini Excavator	1	4	\$ 26.42	\$ 105.68
	10854 Dodge Ram 5500	1	4	\$ 57.70	\$ 230.80
	Light Duty Pickup	1	4	\$ 25.30	\$ 101.20
	10821 Tiltbed 2 Axle Trailer	1	4	\$ 4.92	\$ 19.68

**EQUIPMENT TOTAL \$ 457.36**

EQUIPMENT 2*	10439 John Deer 335 D Excavator	1	4	\$ 36.48	\$ 145.92
	9648 GMC 3500 4 * 4 Pickup	1	4	\$ 10.00	\$ 40.00
	Light Duty Pickup	1	4	\$ 25.30	\$ 101.20
	9616 Utility Trailer	1	4	\$ 10.00	\$ 40.00

**EQUIPMENT TOTAL \$ 327.12**

	<u>Description</u>	<u>Per (Foot, each, etc)</u>	<u>Quantity Required</u>		
MATERIALS	Materials List Attached	Each	1	175.46	\$ 175.46

**MATERIALS TOTAL \$ 175.46**

**TOTAL INSTALL COST WITH EQUIPMENT GROUP 1 \$ 1,618.66**

**TOTAL INSTALL COST WITH EQUIPMENT GROUP 2 \$ 1,488.42**

**CALCULATED RATE (AVERAGE OF EQUIPMENT GROUP 1 & 2) \$ 1,554.00**

2021 ACTUAL RATE	\$ 1,316.00	INCREASE/DECREASE	18.09%
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\* Equipment varies by canal, both costs were analyzed and the average cost was used for rate development.

PENTAMATION  
 DATE: 02/04/2021  
 TIME: 09:17:07

NEVADA IRRIGATION DISTRICT  
 REQUEST STATUS

PAGE NUMBER: 1  
 INVRE516

SELECTION CRITERIA: invreq.req\_no=140190

REQUEST 140190      REQUESTED 02/04/21    REQUIRED 02/04/21    REQ YR 21    REQUESTED BY CARL COOKSON

SHIP TO: 10230      NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230      NID GRASS VALLEY CORP YARD

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
01	N03-5430.0	FT	20.0000	.0000	20.0000	02/04/21	.8693	17.39	A	02/04/21
	2" PVC PIPE SCH40									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
02	N13-0100.0	EA	3.0000	.0000	3.0000	02/04/21	.6821	2.05	A	02/04/21
	2" MALE ADAPT PVC SCH40 436-020									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
03	N05-0060.0	EA	1.0000	.0000	1.0000	02/04/21	34.2678	34.27	A	02/04/21
	2" GATE VLV T-408 104-708 NL									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
04	N02-0914.0	EA	1.0000	.0000	1.0000	02/04/21	67.8342	67.83	A	02/04/21
	FORMED WATER BOX MAT 12" X 48" X 10GA									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
05	N02-0918.0	EA	2.0000	.0000	2.0000	02/04/21	7.0391	14.08	A	02/04/21
	PLATE-WATER BOX MAT 12" X 12" X 10GA									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
06	N16-0535.0	EA	1.0000	.0000	1.0000	02/04/21	5.5718	5.57	A	02/04/21
	2" COUPLING BLACK MERCHANT									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
07	N11-0825.5	FT	1.0000	.0000	1.0000	02/04/21	2.9979	3.00	A	02/04/21
	2" X 2" X 6FT PIANO HINGE 0.070, 1/4" PIN PR#63181									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
08	N18-0346.0	EA	1.0000	.0000	1.0000	02/04/21	13.8437	13.84	A	02/04/21

PENTAMATION  
DATE: 02/04/2021  
TIME: 09:17:07

NEVADA IRRIGATION DISTRICT  
REQUEST STATUS

PAGE NUMBER: 2  
INVRES16

SELECTION CRITERIA: invreq.req\_no=140190

REQUEST 140190	REQUESTED 02/04/21	REQUIRED 02/04/21	REQ YR 21	REQUESTED BY CARL COOKSON
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SHIP TO: 10230 NID GRASS VALLEY CORP YARD WAREHOUSE: 10230 NID GRASS VALLEY CORP YARD

PLASTIC 10" ROUND VLV BOX #910-1G2GW W/BOLT LID

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
09	N01-0014.0	EA	1.0000	.0000	1.0000	02/04/21	17.4306	17.43	A	02/04/21
	47-3/4" ORIFICE BOARDS									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

TOTAL REQUEST 175.46

TOTAL REPORT 175.46

**ORIFICED SERVICE IN RAW WATER PIPELINE OR MANIFOLD w/DOLE FLOW OR ORIFICE PLATE**

Any service 2" or under

	<u>Description</u>	<u>Quantity</u>	<u>Hours Required</u>	<u>Hourly Rate w/Ben. &amp; OH</u>	
<b>LABOR</b>	Utility Worker	2	4	\$ 85.31	\$ 682.48
<b>EQUIPMENT</b>	Pipe Truck 10748	1	4	28.17	\$ 112.68
<b>MATERIALS 1*</b>	Dole Flow Device			\$ 378.68	\$ 378.68
<b>MATERIALS 2*</b>	Orifice Plate			\$ 352.07	\$ 352.07
<b>TOTAL INSTALL COST WITH MATERIAL GROUP 1</b>				\$	1,173.84
<b>TOTAL INSTALL COST WITH MATERIAL GROUP 2</b>				\$	1,147.23
<b>CALCULATED RATE (AVERAGE OF MATERIAL GROUP 1 &amp; 2)</b>				<b>\$</b>	<b>1,160.50</b>

2021 ACTUAL RATE	\$ 1,219.00	INCREASE/DECREASE	-5%
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RAW WATER MANIFOLD W/  
ORIFICE PLATE, PAGE 1 OF 4

PENTAMATION  
DATE: 02/04/2021  
TIME: 08:55:11

NEVADA IRRIGATION DISTRICT  
REQUEST STATUS

PAGE NUMBER: 1  
INVRE516

SELECTION CRITERIA: invreq.req\_no=140187

REQUEST 140187      REQUESTED 02/04/21    REQUIRED 02/04/21    REQ YR 21    REQUESTED BY CARL COOKSON

SHIP TO: 10230    NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230    NID GRASS VALLEY CORP YARD

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
01	N13-0100.0	EA	3.0000	.0000	3.0000	02/04/21	.6821	2.05	A	02/04/21
	2" MALE ADAPT PVC SCH40 436-020									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
02	N16-0221.0	EA	1.0000	.0000	1.0000	02/04/21	7.08	7.08	A	02/04/21
	2" COMPRESSION COUP PVC SPEARS S110-20									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
03	N05-0060.0	EA	2.0000	.0000	2.0000	02/04/21	34.2678	68.54	A	02/04/21
	2" GATE VLV T-408 104-708 NL									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
04	N16-2791.3	EA	1.0000	.0000	1.0000	02/04/21	98.2472	98.25	A	02/04/21
	2" WYE STRAINER FIPT BRASS ZURN SXL									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
05	N19-0360.0	EA	3.0000	.0000	3.0000	02/04/21	7.4975	22.49	A	02/04/21
	2" X CLOSE NIPPLE BRASS NL									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
06	N10-0641.0	EA	2.0000	.0000	2.0000	02/04/21	20.4751	40.95	A	02/04/21
	2" METER COMPANION FLG CI									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
07	N05-0298.5	EA	1.0000	.0000	1.0000	02/04/21	11.7683	11.77	A	02/04/21
	1/2" BALL VALVE WATTS LFPBV-3C-M1 NL									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
08	N19-0259.0	EA	1.0000	.0000	1.0000	02/04/21	1.0011	1.00	A	02/04/21

RAW WATER MANIFOLD W/ORIFICE  
PLATE, PAGE 2 OF 4

PENTAMATION  
DATE: 02/04/2021  
TIME: 08:55:11

NEVADA IRRIGATION DISTRICT  
REQUEST STATUS

PAGE NUMBER: 2  
INVRES16

SELECTION CRITERIA: invreq.req\_no=140187

REQUEST 140187	REQUESTED 02/04/21	REQUIRED 02/04/21	REQ YR 21	REQUESTED BY CARL COOKSON
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SHIP TO: 10230 NID GRASS VALLEY CORP YARD WAREHOUSE: 10230 NID GRASS VALLEY CORP YARD

1/2" X CLOSE NIPPLE BRASS NL

BUDGET UNIT 10191	ACCOUNT 52504	PROJECT 10314	ACCOUNT 52504
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LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
09	N17-2094.0	EA	1.0000	.0000	1.0000	02/04/21	4.2812	4.28	A	02/04/21
	2" BOLTUP ST GRD 5 - 5/8" X 2-1/2"									

BUDGET UNIT 10191	ACCOUNT 52504	PROJECT 10314	ACCOUNT 52504
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TOTAL REQUEST 256.41

TOTAL REPORT 256.41

RAW WATER MANIFOLD W/  
ORIFICE PLATE, PAGE 3 OF 4

PENTAMATION  
DATE: 02/04/2021  
TIME: 09:04:26

NEVADA IRRIGATION DISTRICT  
REQUEST STATUS

PAGE NUMBER: 1  
INVRE516

SELECTION CRITERIA: invreq.req\_no=140189

REQUEST 140189      REQUESTED 02/04/21    REQUIRED 02/04/21    REQ YR 21    REQUESTED BY CARL COOKSON

SHIP TO: 10230    NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230    NID GRASS VALLEY CORP YARD

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
01	N18-0346.0	EA	1.0000	.0000	1.0000	02/04/21	13.8437	13.84	A	02/04/21
	PLASTIC 10" ROUND VLV BOX #910-1G2GW W/BOLT LID									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

TOTAL REQUEST      13.84

TOTAL REPORT      13.84

RAW WATER MANIFOLD W/  
ORIFICE PLATE, PAGE 4 of 4

PENTAMATION  
DATE: 03/10/2021  
TIME: 09:32:28

NEVADA IRRIGATION DISTRICT  
REQUEST STATUS

PAGE NUMBER: 1  
INVRE516

SELECTION CRITERIA: invreq.req\_no=140643

REQUEST 140643      REQUESTED    REQUIRED    REQ YR    REQUESTED BY  
                         03/10/21   03/10/21     21

SHIP TO: 10230    NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230    NID GRASS VALLEY CORP YARD

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
01	N19-0540.0	EA	2.0000	.0000	2.0000	03/10/21	37.3567	74.71	A	03/10/21
	2" UNION BRASS NL									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
10191              52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
02	N19-0360.0	EA	2.0000	.0000	2.0000	03/10/21	7.0935	14.19	A	03/10/21
	2" X CLOSE NIPPLE BRASS NL									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
10191              52504

TOTAL REQUEST

88.90

TOTAL REPORT

88.90

256.41-7.08+13.84+88.90=352.07

RAW WATER MANIFOLD W/DOLE  
FLOW, PAGE 1 OF 4

PENTAMATION  
DATE: 02/04/2021  
TIME: 09:02:16

NEVADA IRRIGATION DISTRICT  
REQUEST STATUS

PAGE NUMBER: 1  
INVRE516

SELECTION CRITERIA: invreq.req\_no=140188

REQUEST 140188      REQUESTED 02/04/21    REQUIRED 02/04/21    REQ YR 21    REQUESTED BY CARL COOKSON

SHIP TO: 10230    NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230    NID GRASS VALLEY CORP YARD

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
01	N19-0480.0	EA	2.0000	.0000	2.0000	02/04/21	17.0591	34.12	A	02/04/21
	2" X 1" BELL RED BRASS NL									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
02	N19-0310.0	EA	2.0000	.0000	2.0000	02/04/21	2.2832	4.57	A	02/04/21
	1" X CLOSE NIPPLE BRASS NL									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
03	N05-0060.0	EA	2.0000	.0000	2.0000	02/04/21	34.2678	68.54	A	02/04/21
	2" GATE VLV T-408 104-708 NL									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
04	N19-0360.0	EA	3.0000	.0000	3.0000	02/04/21	7.4975	22.49	A	02/04/21
	2" X CLOSE NIPPLE BRASS NL									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
05	N13-0100.0	EA	3.0000	.0000	3.0000	02/04/21	.6821	2.05	A	02/04/21
	2" MALE ADAPT PVC SCH40 436-020									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
06	N19-0270.0	EA	1.0000	.0000	1.0000	02/04/21	7.08	7.08	A	02/04/21
	2" COMPRESSION COUP PVC SPEARS 10-20									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
07	N05-0525.0	EA	1.0000	.0000	1.0000	02/04/21	33.1468	33.15	A	02/04/21
	20 GPM DOLE FLOW CONTROL VALVE MODEL GX									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
08	N05-0298.5	EA	1.0000	.0000	1.0000	02/04/21	11.7683	11.77	A	02/04/21

RAW WATER MANIFOLD W/  
DOLE FLOW, PAGE 2 OF 4

PENTAMATION  
DATE: 02/04/2021  
TIME: 09:02:16

NEVADA IRRIGATION DISTRICT  
REQUEST STATUS

PAGE NUMBER: 2  
INVRE516

SELECTION CRITERIA: invreq.req\_no=140188

REQUEST 140188      REQUESTED 02/04/21    REQUIRED 02/04/21    REQ YR 21    REQUESTED BY CARL COOKSON

SHIP TO: 10230      NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230      NID GRASS VALLEY CORP YARD

1/2" BALL VALVE WATTS LFFBV-3C-M1 NL

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
10191            52504        10314        52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
09	N19-0259.0	EA	1.0000	.0000	1.0000	02/04/21	1.0011	1.00	A	02/04/21
	1/2" X CLOSE NIPPLE BRASS NL									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
10191            52504        10314        52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
10	N16-2791.3	EA	1.0000	.0000	1.0000	02/04/21	98.2472	98.25	A	02/04/21
	2" WYE STRAINER FIPT BRASS ZURN SXL									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
10191            52504        10314        52504

TOTAL REQUEST	283.02
TOTAL REPORT	283.02

**RAW WATER MANIFOLD W/DOLE  
FLOW, PAGE 3 OF 4**

PENTAMATION  
DATE: 02/04/2021  
TIME: 09:04:26

NEVADA IRRIGATION DISTRICT  
REQUEST STATUS

PAGE NUMBER: 1  
INVRES16

SELECTION CRITERIA: invreq.req\_no=140189

REQUEST 140189      REQUESTED 02/04/21    REQUIRED 02/04/21    REQ YR 21    REQUESTED BY  
CARL COOKSON

SHIP TO: 10230    NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230    NID GRASS VALLEY CORP YARD

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
01	N18-0346.0	EA	1.0000	.0000	1.0000	02/04/21	13.8437	13.84	A	02/04/21
	PLASTIC 10" ROUND VLV BOX #910-1G2GW W/BOLT LID									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

TOTAL REQUEST	13.84
TOTAL REPORT	13.84

**RAW WATER MANIFOLD W/DOLE  
FLOW, PAGE 4 OF 4**

PENTAMATION  
DATE: 03/10/2021  
TIME: 09:32:28

NEVADA IRRIGATION DISTRICT  
REQUEST STATUS

PAGE NUMBER: 1  
INVRE516

SELECTION CRITERIA: invreq.req\_no=140643

REQUEST 140643      REQUESTED    REQUIRED    REQ YR    REQUESTED BY  
                         03/10/21    03/10/21      21

SHIP TO:    10230    NID GRASS VALLEY CORP YARD                      WAREHOUSE: 10230    NID GRASS VALLEY CORP YARD

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
01	N19-0540.0	EA	2.0000	.0000	2.0000	03/10/21	37.3567	74.71	A	03/10/21
	2" UNION BRASS NL									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504		

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
02	N19-0360.0	EA	2.0000	.0000	2.0000	03/10/21	7.0935	14.19	A	03/10/21
	2" X CLOSE NIPPLE BRASS NL									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504		

TOTAL REQUEST	88.90
TOTAL REPORT	88.90

283.02-7.08+13.84+88.90= \$378.68



**CANAL SERVICE BOX : RELOCATION**

1/2 TO 12 MINERS INCHES (2", 3" or 4" outlet)

	<u>Description</u>	<u>Quantity</u>	<u>Hours Required</u>	<u>Hourly Rate w/Ben. &amp; OH</u>	
LABOR	Utility Worker	1	4	\$ 85.31	\$ 341.24
	Equipment Operator	1	4	\$ 91.31	\$ 365.24
<b>LABOR TOTAL</b>					<b>\$ 706.48</b>

	<u>Description</u>	<u>Quantity</u>	<u>Hours Required</u>		
EQUIPMENT 1*	10848 Cat Mini Excavator	1	4	\$ 26.42	\$ 105.68
	10854 Dodge Ram 5500 Light Duty Pickup	1	4	\$ 57.70	\$ 230.80
		1	4	\$ 25.30	\$ 101.20
	10821 Tiltbed 2 Axle Trailer	1	4	\$ 4.92	\$ 19.68
<b>EQUIPMENT TOTAL</b>					<b>\$ 457.36</b>

EQUIPMENT 2*	10439 John Deer 335 D Excavator	1	4	\$ 36.48	\$ 145.92
	9648 GMC 3500 4 * 4 Pickup Light Duty Pickup	1	4	\$ 10.00	\$ 40.00
		1	4	\$ 25.30	\$ 101.20
	9616 Utility Trailer	1	4	\$ 10.00	\$ 40.00
<b>EQUIPMENT TOTAL</b>					<b>\$ 327.12</b>

<b>TOTAL INSTALL COST WITH EQUIPMENT GROUP 1</b>	\$	1,163.84
<b>TOTAL INSTALL COST WITH EQUIPMENT GROUP 2</b>	\$	1,033.60
<b>CALCULATED RATE (AVERAGE OF EQUIPMENT GROUP 1 &amp; 2)</b>	<b>\$</b>	<b>1,099.00</b>

2021 ACTUAL RATE	\$	811.00	INCREASE/DECREASE	35.51%
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\* Equipment varies by canal, both costs were analyzed and the average cost was used for rate development.

**ACTIVE OR INACTIVE ACCOUNT**

- Q: What costs is the District recovering through this charge?  
 A: Renewal/replacement of box  
 Monitoring/Annual maintenance of box including changing of screen; locking device, service verification
- Q: What are the operational differences between an active outlet and an inactive outlet?  
 A: The screen does not get changed on an inactive service.
- Q: What is the life expectancy of an outlet box?  
 A: 20 years

Orifice Service Installation Charge from Sch 5-B (Pipeline/Manifold)	\$	1,160.50
Standard Service Installation Charge from Sch 5-B (Water Box)	\$	1,554.00
<b>Average</b>	<b>\$</b>	<b>1,357.00</b>
Renewal/Replacement per year based on 20 year life (Average/20 years)	\$	67.85
One service call annually	\$	113.00
<b>Calculated Rate</b>	<b>\$</b>	<b>181.00</b>

2021 Actual Rate (Inactive)	\$	72.00	INCREASE/DECREASE	151%
2021 Actual Rate (Active)	\$	48.00	INCREASE/DECREASE	277%

**ROTATION**

Per season, per outlet

Q: What costs is the District recovering through this charge?

A: See attached rotation description

	<b>Hours</b>	<b>Hourly Rate w/Ben. &amp; OH</b>	<b>Total</b>
Management Assistant	8	\$ 86.60	\$ 692.80
Water Distribution Supervisor	4	\$ 100.42	\$ 401.68
Assistant Water Superintendent	4	\$ 111.23	\$ 444.92
Water Distribution Ope 7 hours/wk*26 v	182	\$ 88.22	\$ 16,056.04
		<b>TOTAL</b>	<b>\$ 17,595.44</b>
22 customers currently on rotation		<b>Calculated Rate (Total/22)</b>	<b>\$ 799.79</b>

2021 Actual Rate	\$ 102.45	INCREASE/DECREASE	681%
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**Recommendation:**

2022	2023	2024	2025	2026
\$ 400.00	\$ 500.00	\$ 600.00	\$ 700.00	\$ 800.00

\* Plus annual adjustment using Engineering News and Report, 20 City, Construction Cost Index increase for December

Rotations are a larger amount of water flow for lesser amount of time. Typically on for a week, off for a week with double the amount of water purchased.

Example: A customer purchases 10 MI for the season, they get 20 MI every other week and are rotated with another customer with the same purchase. The rotations only work if they balance.

Routes 3, 7 and 8 have rotation customers located on multiple canal systems. A schedule is created annually and mailed or hand delivered to each customer. Planning for the upcoming rotations takes place early in the year with review of the previous schedule along with evaluation of the previous rotation service.

**Route 3:**

The rotation on route 3 (Newtown canal) switches every 5 days. The 2 boxes rotated go on or off on the days of the month ending in 0 and 5. The WDO is at the service boxes at 7 am to make the necessary changes. Total time worked for rotation is approximately 30 minutes for a WDO. The services are checked multiple times per week to ensure proper flow.

**Route 7:**

Route 7 has rotations on multiple canals including the Tarr and Clear Creek. The Tarr canal rotations take place on the lower end of the canal near the Robinson Ranch. These customers rotate every 3 days and complete all of the moving of water themselves. WDO's will check multiple times throughout the week to make sure adequate flows are in the canal. Contact is made with customers if not setup properly and WDO will make necessary changes.

The Clear Creek canal is a rotation of 2 customers on a 7 day setup. The WDO turns on and off one box and one of the customers takes care of the other. Approximately 30 minutes of time plus a few checks during the week to ensure proper flows.

**Route 8:**

Route 8 rotations are the most involved of all of the rotation series. They are a 7 day setup where the WDO is doing 90% of the changes to the services. Time frame starts at beginning of shift 0700 and takes approximately 3-4 hours to get all the way through the weekly changes. There is additional time each week checking the flows and making sure customers have not changed anything in the field.

**Summary:**

Evaluation time: Supervisor and Assistant Superintendent (4 hrs. each)

Schedule preparation, printing and delivery: Supervisor (4 hrs.), Management Assistant (4-6 hrs.), WDO (4 hrs.)

Weekly time per route for WDO: Route 3 (3 -5 hrs.) Route 7 (8 +/-hrs.) Route 8 (8 +/-hrs.)

\*Times are best estimates based on rotation history

**SCHEDULE 5-F**

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

**Charges for raw water sold for irrigation use through a metered connection**

**Recommendation:**

- 1 Condense schedule to only 1" meter; all customers billed on this rate schedule have a 1" meter
- 2 Increase monthly fixed fee over five years to be equivalent to Schedule 5-H using 2021 fixed fee as base.
- 3 Adjust (decrease) volumetric service charge to be equivalent to Schedule 5-H. Adjust using 2021 calculated volumetric charge as base.
- 4 Increase volumetric service charge annually based on increase to Raw Water Seasonal Volumetric

2021 Monthly Calculated Fixed Fee:     \$ 133.71

2021 Volumetric Calculated Rate:     \$ 0.12 Based on 3,952.80 HCF summer/3931.20 HCF winter

	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>
Monthly Fixed Fee*:	\$ 26.70	\$ 53.50	\$ 80.20	\$ 107.00	\$ 133.70
Fixed Fee Increase	964%	100%	50%	33%	25%

\*Plus annual rate increase

2021 Monthly Fixed Fee:     \$ 2.21

2021 Volumetric Rate:     \$ 2.51

Schedule 5-J

**FALL/STOCK WATER**

AVAILABILITY: October 15 to December 1 to regular irrigation water customers in quantities up to the amount of the seasonal purchase. (47 Days)

**Recommendations (3):**

1 **RATE PER MI, PER DAY:** (Winter Fixed + 1 Miners Inch Volumetric)/182  
2021 Calculated \$ 6.23

2021 Actual	\$	2.15
Increase		190%

(Summer Fixed + 10 Miners Inch Volumetric/1830)

2 **MINIMUM CHARGE:** Eliminate minimum charge

2021 Actual	\$	317.60
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(.35 \* 1 Miners Inch Seasonal Irrigation Water Rate)

3 **Add:** A service call fee as shown in schedule 7-A shall be charged for turn off

Schedule 5-K

**RAW INTERMITTENT FLOW IRRIGATION WATER**

Intermittent flow is currently calculated using the volumetric rate show in Schedule 5-G/5-H divided by 9.07 (AF/Season) \* 80% with a minimum sale equal to 6.7 AF

**Recommendation:**

Calculate the rate using the combined fixed fee plus volumetric rate divided by 9.07 \* 80%, maintaining a minimum sale of 6.7 AF

2021 Calculated per AF	\$ 80.04
2021 Actual	\$ 29.68
Increase	170%

MINIMUM CHARGE:

<b>2021 Calculated</b>	<b>\$ 536.27</b>
2021 Actual	\$ 198.86

**TREATED WATER, INSIDE DISTRICT****Recommendation:****FIXED FEE:**

Inside District treated water customers shall be charged a monthly fixed fee as shown on Schedule 4-EI/4FI

**DCV:**

Where applicable, Inside District treated water customers shall be charged a monthly fee as shown on Schedule 9-C/9-D

**Volumetric fee:** Increase over five years to be equivalent to treated water rates

	2021	2022	2023	2024	2025	2026
Volumetric Charge (AF)*	\$ 681.71	\$ 818.06	\$ 954.40	\$ 1,090.74	\$ 1,227.09	\$ 1,363.43
Drought 2	\$ 842.89	\$ 981.41	\$ 1,117.75	\$ 1,254.09	\$ 1,390.44	\$ 1,526.78
Drought 3	\$ 1,045.44	\$ 1,181.78	\$ 1,318.13	\$ 1,454.47	\$ 1,590.81	\$ 1,727.15
Drought 4	\$ 1,387.39	\$ 1,525.91	\$ 1,662.25	\$ 1,798.59	\$ 1,934.94	\$ 2,071.28
Volumetric Charge (HCF)*	\$ 1.57	\$ 1.88	\$ 2.19	\$ 2.50	\$ 2.82	\$ 3.13
Drought 2	\$ 1.94	\$ 2.25	\$ 2.57	\$ 2.88	\$ 3.19	\$ 3.51
Drought 3	\$ 2.40	\$ 2.71	\$ 3.03	\$ 3.34	\$ 3.65	\$ 3.97
Drought 4	\$ 3.19	\$ 3.50	\$ 3.82	\$ 4.13	\$ 4.44	\$ 4.76
INCREASE		20%	17%	14%	13%	11%

\*Plus annual rate increase

NOTE: 1 AF = 325,851 Gallons = 435.6 HCF

**TREATED WATER, OUTSIDE DISTRICT****Recommendation:****FIXED FEE:**

Outside District treated water customers shall be charged a monthly fixed fee as shown on Schedule 4-EO/4FO

**DCV:**

Where applicable, Inside District treated water customers shall be charged a monthly fee as shown on Schedule 9-C/9-D (Outside District)

**Volumetric fee:** Increase over five years to be equivalent to treated water rates

	2021	2022	2023	2024	2025	2026
Volumetric Charge (AF)*	\$ 851.60	\$ 1,021.92	\$ 1,192.24	\$ 1,362.56	\$ 1,532.88	\$ 1,703.20
Drought 2	\$ 1,054.15	\$ 1,224.47	\$ 1,394.79	\$ 1,565.11	\$ 1,735.43	\$ 1,905.75
Drought 3	\$ 1,306.80	\$ 1,477.12	\$ 1,647.44	\$ 1,817.76	\$ 1,988.08	\$ 2,158.40
Drought 4	\$ 1,733.69	\$ 1,904.01	\$ 2,074.33	\$ 2,244.65	\$ 2,414.97	\$ 2,585.29
Volumetric Charge (HCF)*	\$ 1.955	\$ 2.35	\$ 2.74	\$ 3.13	\$ 3.52	\$ 3.91
Drought 2	\$ 2.420	\$ 2.81	\$ 3.20	\$ 3.59	\$ 3.98	\$ 4.38
Drought 3	\$ 3.000	\$ 3.39	\$ 3.78	\$ 4.17	\$ 4.56	\$ 4.96
Drought 4	\$ 3.980	\$ 4.37	\$ 4.76	\$ 5.15	\$ 5.54	\$ 5.94
INCREASE		20%	17%	14%	13%	11%

\*Plus annual rate increase

NOTE: 1 AF = 325,851 Gallons = 435.6 HCF



**RAW WATER, INSIDE DISTRICT**

	Summer	Winter	Total Annually	Monthly
Fixed Fee	\$ 570.99	\$ 713.73	\$ 1,284.72	\$ 107.06

NO CHANGE TO VOLUMETRIC RATE	2021 Actual	\$ 570.99
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**RAW WATER, OUTSIDE DISTRICT**

	Summer	Winter	Total Annually	Monthly
Fixed Fee	\$ 713.73	\$ 890.74	\$ 1,604.47	\$ 133.71

NO CHANGE TO VOLUMETRIC RATE	2021 Actual	\$ 713.73
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**CAMPGROUND**

**Recommendation:**

**FIXED FEE:**

Inside District treated water customers shall be charged a monthly fixed fee as shown on Schedule 4-EI/4FI

**DCV:**

Where applicable, Inside District treated water customers shall be charged a monthly fee as shown on Schedule 9-C/9-D

	2021	2022	2023	2024	2025	2026
Up to 5 HCF*	\$ 0.61	\$ 0.97	\$ 1.33	\$ 1.70	\$ 2.06	\$ 2.42
Over 5 HCF*	\$ 0.7825	\$ 1.25	\$ 1.72	\$ 2.19	\$ 2.66	\$ 3.13
INCREASE		59%	37%	27%	21%	18%
Drought 2	\$ 0.75	\$ 1.20	\$ 1.65	\$ 2.09	\$ 2.54	\$ 2.99
	\$ 0.97	\$ 1.55	\$ 2.13	\$ 2.71	\$ 3.29	\$ 3.87
Drought 3	\$ 0.93	\$ 1.49	\$ 2.04	\$ 2.60	\$ 3.15	\$ 3.71
	\$ 1.20	\$ 1.92	\$ 2.64	\$ 3.36	\$ 4.08	\$ 4.80
Drought 4	\$ 1.23	\$ 1.97	\$ 2.71	\$ 3.45	\$ 4.19	\$ 4.93
	\$ 1.59	\$ 2.55	\$ 3.50	\$ 4.46	\$ 5.41	\$ 6.37

\*Plus annual rate increase

**TURN OFF NOTIFICATION FEE**

2019 Average daily delivery w/2 Customer Service Technicians (CST) 116 Notices

	Quantity	Hours Required	Hourly Rate w/Ben. & OH	LINE TOTAL
<b>LABOR</b>				
Customer Service Technician (CST)	2	9	\$ 85.82	1,544.76
Customer Service Rep II - Delivery Preperation	3	1.5	\$ 82.24	370.08
Customer Service Rep II - Delivery, Acct chgs	1	2	\$ 82.24	164.48
<b>LABOR TOTAL</b>				<b>2,079.32</b>
<b>EQUIPMENT</b>				
Light Duty Pickup Truck	2	9	\$ 25.30	455.40
TOTAL COST PER DAY TO DELIVER				2,534.72
<b>CALCULATED RATE, COST PER DELIVERY (Daily cost/Notices Delivered)</b>				<b>11.00</b>

<b>2021 Rate</b>	10.00	INCREASE/DECREASE	10%
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**NOTE:** In 2019 customer service delivered an average of 116 notices per week. This can generally be completed in one full day using two CST's

SCHEDULE 7-A

Special Service Call

SERVICE CALL				
LABOR (Positions that may perform this function)	Quantity	Hours Required	Hourly Rate w/Ben. & OH	LINE TOTAL
Customer Service Technician	1	1	\$ 85.82	85.82
Water Distribution Operator I	1	1	\$ 83.04	83.04
Water Distribution Operator II	1	1	\$ 88.22	88.22
Senior Water Distribution Operator	1	1	\$ 94.01	94.01
			<b>Average Hourly Rate</b>	<b>87.77</b>
<b>EQUIPMENT</b>				
Light Duty Pickup Truck	1	1	\$ 25.30	25.30
			<b>CALCULATED RATE*</b>	<b>113.00</b>
<b>2021 Rate</b>		65.00	INCREASE/DECREASE	74%

AFTER HOURS SERVICE CALL				
LABOR	Quantity	Hours Required	Hourly Rate w/Ben. & OH	LINE TOTAL
<del>Customer Service Technician</del>	<del>1</del>	<del>2</del>		
Water Distribution Operator II	1	2	\$ 88.22	176.44
Senior Water Distribution Operator	1	2	\$ 94.01	188.02
Average Rate (2 hour minimum)				182.23
<b>EQUIPMENT</b>				
Light Duty Pickup Truck	1	2	\$ 25.30	50.60
			<b>CALCULATED RATE*</b>	<b>233.00</b>
<b>2021 Rate</b>		150.00	INCREASE/DECREASE	55%

**Note:** Customer Service Technicians no longer respond to after hours service calls - eliminated from analysis

\* Except as noted in section 6.01.01 of the District's Rules and Regulations

SCHEDULE 8-A

PUBLIC FIRE HYDRANTS ON TREATED WATER SYSTEMS

**SERVICE LATERAL**

LABOR	Quantity	Hours		Hourly Rate	
		Required		w/Ben. & OH	
Senior Utility Worker, Trench Backfill	1	2	\$ 94.01	\$	188.02
Equipment Operator, Trench Backfill	2	2	\$ 91.31	\$	365.24
Utility Worker, Trench Backfill	2	2	\$ 85.31	\$	341.24
Temp labor (traffic control), Trench Backfill	2	2	\$ 18.00	\$	72.00
Senior Utility Worker, Asphalt Restoration	1	3.5	\$ 94.01	\$	329.04
Equipment Operator, Asphalt Restoration	2	3.5	\$ 91.31	\$	639.17
Utility Worker, Asphalt Restoration	2	3.5	\$ 85.31	\$	597.17
Temp labor (traffic control), Asphalt Restoration	2	3.5	\$ 18.00	\$	126.00
<b>LABOR TOTAL</b>					<b>2,657.88</b>

MATERIALS		Quantity	Cost		
Sand	((1.5' * 2.5' * 10')/27) = 1.39 yds	Per 2.5/yd	0.556	\$ 43.75	\$ 24.33
6" Di Pipe		Per Ft.	10	\$ 15.3900	\$ 153.90
Copper Trace Wire		Per Ft.	10	\$ 0.2156	\$ 2.16
3/4" Aggregate Base	((1.5'*2.5'*10)/27)= 1.39 yds	Per 2.5/yd	1.78	\$ 49.48	\$ 88.07
Cutback Temp Asphalt Patch	((.33'*2.5'*10)/27) = .31 yds	Per yard	0.124	\$ 158.00	\$ 19.59
Asphalt Restoration		Per Sq Ft	21	\$ 8.50	\$ 178.50
<b>MATERIALS TOTAL</b>					<b>\$ 466.55</b>

EQUIPMENT	Quantity	Hours		Hourly Rate	
		Required			
11051 - Cat 420 Backhoe	1	2	\$ 53.91	\$	107.82
10930 - 3 axle dump truck	1	2	\$ 58.85	\$	117.70
10673 Trailer	1	2	\$ 4.77	\$	9.54
10672 - F-550 service truck	1	5.5	\$ 55.69	\$	306.30
10854 - One ton dump truck	2	2	\$ 57.70	\$	230.80
Light duty pickup truck	2	5.5	\$ 25.30	\$	278.30
10109 Compacting / tamping wacker	1	2	\$ 3.65	\$	7.30
10003 - 5 yd Dump Truck	1	2	\$ 42.53	\$	85.06
9055 Roller	1	3.5	\$ 22.00	\$	77.00
Asphalt saw	1	2	\$ 6.30	\$	12.60
Air compressor	1	2	\$ 3.00	\$	6.00
<sup>1</sup> 700 mm Traffic Cones, per 100, Trench Backfill	1		\$ 16.07	\$	16.07
<sup>1</sup> Flag/ sign stands, Trench Backfill	6		\$ 2.97	\$	17.82
<sup>1</sup> 700 mm Traffic Cones, per 100, Asphalt Rest.	1		\$ 16.07	\$	16.07
<sup>1</sup> Flag/ sign stands, Asphalt Rest.	6		\$ 2.97	\$	17.82
<b>EQUIPMENT TOTAL</b>					<b>\$ 1,306.20</b>

**CALCULATED COST, 10 FT. SERVICE LATERAL** \$ 4,430.62

**CALCULATED COST PER FOOT** \$ 110.80

2021 ACTUAL RATE	\$ 58.80	INCREASE/DECREASE	88.44%
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<sup>1</sup> CalTrans Labor and Equipment Rates, 2021 Rate Book

**HYDRANT INSTALLATION**

LABOR	Quantity	Hours Required	Hourly Rate		LINE TOTAL
			w/Ben. & OH		
Senior Utility Worker	1	7	\$ 94.01		\$ 658.07
Equipment Operator	2	7	\$ 91.31		\$ 1,278.34
Utility Worker	2	7	\$ 85.31		\$ 1,194.34
Temp labor (traffic control)	2	7	\$ 18.00		\$ 252.00
			<b>LABOR TOTAL</b>		<b>\$ 3,382.75</b>

MATERIALS	Quantity	Cost		LINE TOTAL
Sand, Mainline Excavation ((6'*7'*1')/27)=1.56 yd	Per 2.5/yd	0.62	\$ 43.75	\$ 27.13
3/4" Ag Base, Mainline Excavation ((6'*7'*1.5')/27)= 2.33 yds	Per 2.5/yd	0.93	\$ 49.48	\$ 46.02
Cutback Mainline Excavation ((6'*7'*.33)/27) = .51 yds	Per yard	0.2	\$ 158.00	\$ 31.60
Asphalt Restoration, Mainline, (6'*7'*.33')= 42 sq ft)	Per Sq Ft	42	\$ 8.50	\$ 357.00
Mueller 6" Hydrant	Each	1	\$ 2,579.94	\$ 2,579.94
Materials List Attached		1	\$ 4,049.30	\$ 4,049.30
			<b>MATERIAL TOTAL</b>	<b>\$ 7,090.98</b>

EQUIPMENT				
11051 - Cat 420 Backhoe	1	7	\$ 53.91	\$ 377.37
10930 - 3 axle dump truck	1	7	\$ 58.85	\$ 411.95
10673 Trailer	1	7	\$ 4.77	\$ 33.39
10672 - F-550 service truck	1	7	\$ 55.69	\$ 389.83
10854 - One ton dump truck	2	7	\$ 57.70	\$ 807.80
Light duty pickup truck	2	7	\$ 25.30	\$ 354.20
10109 Compacting / tamping wacker	1	7	\$ 3.65	\$ 25.55
10003 - 5 yd Dump Truck	1	7	\$ 42.53	\$ 297.71
Asphalt saw	1	7	\$ 6.30	\$ 44.10
Air compressor	1	7	\$ 3.00	\$ 21.00
			<b>EQUIPMENT TOTAL</b>	<b>2,762.90</b>

Description	2021 Fee	Calculated Cost	INCREASE/DECREASE
<b>HYDRANT INSTALLATION</b>	\$ 9,777.00	\$ 13,236.63	35%

PENTAMATION  
 DATE: 07/27/2021  
 TIME: 15:25:51

NEVADA IRRIGATION DISTRICT  
 REQUEST STATUS

PAGE NUMBER: 1  
 INVRES16

SELECTION CRITERIA: invreq.req\_no=142691

REQUEST 142691      REQUESTED 07/27/21    REQUIRED 07/27/21    REQ YR 21    REQUESTED BY

SHIP TO: 10230    NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230    NID GRASS VALLEY CORP YARD

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
01	N05-1001.0	EA	1.0000	.0000	1.0000	07/27/21	2228.6367	2228.64	A	07/27/21
	MLR 6" HYD AQUAGRIP A423 3'6" YELLOW									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
02	N05-0139.0	EA	1.0000	.0000	1.0000	07/27/21	575.9079	575.91	A	07/27/21
	6" GATE VLV CI FLG 2" HUB RS									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
03	N03-0820.5	FT	10.0000	.0000	10.0000	07/27/21	15.3902	153.90	A	07/27/21
	6" DI PIPE CL350 TYTON JOINT									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
04	N16-0073.0	EA	2.0000	.0000	2.0000	07/27/21	386.8554	773.71	A	07/27/21
	8" HYMAX FCA 8.54-9.84 874-56-08021712									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
05	N16-0060.0	EA	1.0000	.0000	1.0000	07/27/21	282.5136	282.51	A	07/27/21
	6" HYMAX FCA 6.42-7.68 874-56-06016312									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
06	N17-2100.0	ST	4.0000	.0000	4.0000	07/27/21	8.4502	33.80	A	07/27/21
	6"-8" BOLTUP GRD 5-3/4" X 3-1/2"									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
07	N03-5564.0	FT	4.0000	.0000	4.0000	07/27/21	14.0910	56.36	A	07/27/21
	8" PVC PIPE C-900 DR18 (235 PSI) NEW									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
08	N18-0330.0	EA	1.0000	.0000	1.0000	07/27/21	60.2190	60.22	A	07/27/21

PENTAMATION  
 DATE: 07/27/2021  
 TIME: 15:25:51

NEVADA IRRIGATION DISTRICT  
 REQUEST STATUS

PAGE NUMBER: 2  
 INVRE516

SELECTION CRITERIA: invreq.req\_no=142691

REQUEST 142691      REQUESTED 07/27/21    REQUIRED 07/27/21    REQ YR 21    REQUESTED BY

SHIP TO: 10230    NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230    NID GRASS VALLEY CORP YARD

G-5 CONCRETE VLV BOX W/CI LID C-275

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
 10191              52504              10317              52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
09	N08-0180.1 PRE-MIX CONCRETE (60#-IN PAPER SKS.)	EA	12.0000	.0000	12.0000	07/27/21	3.1790	38.15	A	07/27/21

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
 10191              52504              10317              52504

TOTAL REQUEST	4,203.20
TOTAL REPORT	4,203.20

PENTAMATION  
DATE: 07/27/2021  
TIME: 15:31:12

NEVADA IRRIGATION DISTRICT  
REQUEST STATUS

PAGE NUMBER: 1  
INVRES16

SELECTION CRITERIA: invreq.req\_no=142692

REQUEST 142692      REQUESTED 07/27/21    REQUIRED 07/27/21    REQ YR 21    REQUESTED BY

SHIP TO: 10230    NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230    NID GRASS VALLEY CORP YARD

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
01	N05-1000.9	EA	1.0000	.0000	1.0000	07/27/21	2579.9444	2579.94	A	07/27/21
	MLR 6" HYD AQUAGRIP A423 3'0" YELLOW									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10317	52504

TOTAL REQUEST      2,579.94

TOTAL REPORT      2,579.94



## SCHEDULE 8-B

### PRIVATE FIRE SERVICE - INSTALLATION CHARGES

Q: Does the District perform this service?

A: Per Business Services Technician, Shannon Wood, she has not facilitated any District constructed PFS installatons in the last 10 years

Q: Under what conditions will the District perform this work?

A: Unknown

Work will only be done if District's current workload permits

Q: Why are these uncommon?

A: The maintenance department has expressed that they do not have time and do not want to take work from local contractors.

#### **Recommendation:**

Amend section 8.05.02 of R & R and eliminate schedule 8-B - work could be done on time and material basis using project tracking.

### 8.05.02 Installation

Private fire services may be installed using ~~three~~two administrative processes, 1) ~~District installed, or 2)~~ Applicant installed using a Conveyance Agreement or ~~3~~2) Applicant installed using an Applicant Constructed Private Fire Service Letter Agreement.

~~District installed private fire services shall be at the Applicant's cost as shown in Schedule 8-B.~~

Private fire services may be installed as a facility incidental to a water line extension being installed by a Developer under the provisions of a Section 10.03 Conveyance Agreement. The Applicant may also make arrangements to construct a private fire service to be connected to an existing water main by using the Section 10.03 Conveyance Agreement process in cases where the estimated installation costs exceed \$15,000.

Fire services that are not incidental to a proposed water line extension project may be installed by the Applicant using a private contractor under the provisions of an Applicant Constructed Private Fire Service Letter Agreement, example of which is shown in Form 8-D. This method governs plans, specifications, construction, inspection, and other requirements for the Applicant and his contractor. These letter agreements and conveyance of the completed fire service are subject to approval by the General Manager.

**1" PRIVATE FIRE SERVICE (RESIDENTIAL)**

		<u>Quantity</u>	<u>Hours Required</u>	<u>Hourly Rate w/Ben. &amp; OH</u>	<u>Line Total</u>
<b>Labor</b>	Customer Service Technician	1	0.5	\$ 85.82	\$ 42.91
<b>LABOR TOTAL</b>					<b>\$ 42.91</b>

		<u>Quantity</u>	<u>Price Per</u>	<u>Line Total</u>
<b>Materials</b>	1" Meter	1	\$ 164.82	\$ 164.82
	Endpoint	1	\$ 101.12	\$ 101.12
	Data Charges, per month	120	\$ 0.89	\$ 106.80
<b>MATERIAL TOTAL</b>				<b>\$ 372.74</b>

		<u>Quantity</u>	<u>Hours Required</u>	<u>Hourly Rate</u>	<u>Line Total</u>
<b>Equipment</b>	Service Truck	1	0.5	\$ 32.48	\$ 16.24
<b>EQUIPMENT TOTAL</b>					<b>\$ 16.24</b>

**TEN YEAR MAINTENANCE RENEWAL COST** \$ 431.89  
**CALCULATED MONTHLY RATE (TEN YEAR COST/120 MONTHS)** \$ 3.60

2021 ACTUAL RATE	\$ 3.50	INCREASE/DECREASE	3%
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Private Fire Service Monthly Charges

4" 6" 8" DETECTOR CHECK				
Labor	Quantity	Hours Required	Hourly Rate w/Ben. & OH	Line Total
	Annual Inspection, Renewal, Cleaning & Testing, 1 CCCT, 2 hours ea	2	10	\$ 94.01
<b>LABOR TOTAL</b>				<b>\$ 1,880.20</b>
Materials	Quantity	Price Per		
	5/8" Tattletale meter	1	\$ 98.75	\$ 98.75
Endpoint	1	\$ 101.12		\$ 101.12
Data Charges, per month	120	\$ 0.89		\$ 106.80
4" Watts 957 1st,2nd Check Kits	1	\$ 731.00		\$ 731.00
6" Watts 957 1st,2nd Check Kits	1	\$ 1,050.50		\$ 1,050.50
8" Watts 957 1st, 2nd Check Kits	1	\$ 1,703.50		\$ 1,703.50
4-8" Watts 957 Relief Valve & Rubber Parts Kit	1	\$ 1,067.50		\$ 1,067.50
<b>4" MATERIAL TOTAL</b>				<b>\$ 2,105.17</b>
<b>6" MATERIAL TOTAL</b>				<b>\$ 2,424.67</b>
<b>8" MATERIAL TOTAL</b>				<b>\$ 3,077.67</b>
Equipment	Quantity	Hours Required	Hourly Rate	Line Total
	Service Truck	1	10 \$ 32.48	\$ 324.80
<b>EQUIPMENT TOTAL</b>				<b>\$ 324.80</b>

Description	10 Year Calculated Cost	Calculated Monthly Rate	2021 Monthly Charge	INCREASE OR DECREASE
4" Detector Check	\$ 4,310.17	\$ 35.92	\$ 20.00	80%
6" Detector Check	\$ 4,629.67	\$ 38.58	\$ 21.30	81%
8" Detector Check	\$ 5,282.67	\$ 44.02	\$ 23.60	87%

Fire service requires two Cross Connection Control Technicians (CCCT) due to confined space requirements.

Schedule 8-D

Private Fire Service Monthly Charges

**2" - 10" DOUBLE DETECTOR CHECK**

Labor	Quantity	Hours Required	Hourly Rate w/Ben. & OH	Line Total
Annual Inspection, Renewal, Cleaning and Testing, 2 CCCT, 2 hours ea	2	20	\$ 94.01	\$ 3,760.40
<b>LABOR TOTAL</b>				<b>\$ 3,760.40</b>

Materials	Quantity	Price Per		
5/8" Tattletale meter	1	\$ 98.75		\$ 98.75
Endpoint	1	\$ 101.12		\$ 101.12
Data Charges, per month	120	\$ 0.89		\$ 106.80
2", 3" or 4" Watts 957 1st,2nd Check Kits	1	\$ 731.00		\$ 731.00
6" Watts 957 1st,2nd Check Kits	1	\$ 1,050.50		\$ 1,050.50
8" Watts 957 1st, 2nd Check Kits	1	\$ 1,703.50		\$ 1,703.50
10" Watts 957 1st, 2nd Check Kits	1	\$ 2,865.50		\$ 2,865.50
2-8" Watts 957 Relief Valve & Rubber Parts Kit	1	\$ 1,067.50		\$ 1,067.50
<b>2", 3", 4" MATERIAL TOTAL</b>				<b>\$ 2,105.17</b>
<b>6" MATERIAL TOTAL</b>				<b>\$ 2,424.67</b>
<b>8" MATERIAL TOTAL</b>				<b>\$ 3,077.67</b>
<b>10" MATERIAL TOTAL</b>				<b>\$ 4,970.67</b>

Equipment	Quantity	Hours Required	Hourly Rate	Line Total
Service Truck	1	20	\$ 32.48	\$ 649.60
<b>EQUIPMENT TOTAL</b>				<b>\$ 649.60</b>

Description	10 Year Calculated Cost	Calculated Monthly Rate	2021 Monthly Charge	INCREASE OR DECREASE
2" Double Detector Check	\$ 6,515.17	\$ 54.29	\$ 23.50	131%
3" Double Detector Check	\$ 6,515.17	\$ 54.29	\$ 25.20	115%
4" Double Detector Check	\$ 6,515.17	\$ 54.29	\$ 25.80	110%
6" Double Detector Check	\$ 6,834.67	\$ 56.96	\$ 30.00	90%
8" Double Detector Check	\$ 7,487.67	\$ 62.40	\$ 45.90	36%
10" Double Detector Check	\$ 9,380.67	\$ 78.17	\$ 59.60	31%

Double Detector Check requires two tests, one on small device, one on large device  
 Fire service requires two Cross Connection Control Technicians (CCCT) due to confined space requirements.

**DCV INSTALLATION**

<u>Description</u>	<u>Quantity</u>	<u>Hours Required</u>	<u>Hourly Rate w/Ben. &amp; OH</u>	<u>Line Total</u>
<b>LABOR</b>				
Cross Connection Control Technician II	1	2	\$ 94.01	\$ 188.02
			<b>LABOR TOTAL</b>	<b>\$ 188.02</b>

<u>Description</u>	<u>Quantity</u>	<u>Hours Required</u>	<u>Hourly Rate</u>	<u>Line Total</u>
<b>EQUIPMENT</b>				
11017 Service Truck*	1	2	32.48	\$ 64.96
			<b>EQUIPMENT TOTAL</b>	<b>\$ 64.96</b>

<u>Description</u>			<u>Line Total</u>
<b>MATERIALS</b>			
3/4" Materials list attached	1	227.79	\$ 227.79
1" Materials list attached	1	217.81	\$ 217.81
<b>3/4" DCV INSTALLATION CALCULATED COST</b>			<b>\$ 480.77</b>
<b>1" DCV INSTALLATION CALCULATED COST</b>			<b>\$ 470.79</b>

2021 ACTUAL RATE - 3/4" SERVICE	\$ 732.00	INCREASE/DECREASE	-34%
2021 ACTUAL RATE - 1" SERVICE	\$ 739.00	INCREASE/DECREASE	-36%

**Recommendation:**

Eliminate 1.5" and larger devices from schedule. Residential services are generally not larger than 1". Non-residential services require RP protection eliminating the need to install a DCV larger than 1" .

**RP INSTALLATION**

Up to 2"

<u>Description</u>	<u>Quantity</u>	<u>Hours Required</u>	<u>Hourly Rate</u>	<u>Line Total</u>
<b>LABOR</b>				
Cross Connection Control Tech	1	4	\$ 94.01	\$ 376.04
<b>LABOR TOTAL</b>				<b>\$ 376.04</b>

<u>Description</u>	<u>Quantity</u>	<u>Hours Required</u>	<u>Hourly Rate</u>	
<b>EQUIPMENT</b>				
11017 Service Truck	1	4	32.48	\$ 129.92
<b>EQUIPMENT TOTAL</b>				<b>\$ 129.92</b>

<u>Description</u>	<u>Quantity Required</u>	<u>Price Per</u>	<u>Line Total</u>
<b>MATERIALS</b>			
3/4" RP Device Materials List Attached	1	892.88	\$ 892.88
1" RP Device Materials List Attached	1	1044.57	\$ 1,044.57
1.5" RP Device Materials List Attached	1	1631.7	\$ 1,631.70
2" RP Device Materials List Attached	1	1751.34	\$ 1,751.34

<b>3/4" RP INSTALL CALCULATED COST</b>	<b>\$ 1,398.84</b>
<b>1" RP INSTALL CALCULATED COST</b>	<b>\$ 1,550.53</b>
<b>1.5" RP INSTALL CALCULATED COST</b>	<b>\$ 2,137.66</b>
<b>2" RP INSTALL CALCULATED COST</b>	<b>\$ 2,257.30</b>

2021 ACTUAL RATE - 3/4" SERVICE	\$ 1,248.00	INCREASE/DECREASE	12%
2021 ACTUAL RATE - 1" SERVICE	\$ 1,395.00	INCREASE/DECREASE	11%
2021 ACTUAL RATE - 1.5" SERVICE	\$ 2,279.00	INCREASE/DECREASE	-6%
2021 ACTUAL RATE - 2" SERVICE	\$ 2,917.00	INCREASE/DECREASE	-23%

**Recommendation:**

Eliminate 3" and above, on new services these are generally completed by a developer.

If an RP larger than 2" is required for a change in use of an existing service that work would be done on a time and materials basis using project tracking.

3/4" Double Check Valve

PENTAMATION  
 DATE: 07/15/2021  
 TIME: 16:19:03

NEVADA IRRIGATION DISTRICT  
 REQUEST STATUS

PAGE NUMBER: 1  
 INVRE516

SELECTION CRITERIA: invreq.req\_no=142486

REQUEST 142486      REQUESTED 07/15/21    REQUIRED 07/15/21    REQ YR 21    REQUESTED BY

SHIP TO: 10230      NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230      NID GRASS VALLEY CORP YARD

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
01	N10-0680.0	EA	2.0000	.0000	2.0000	07/15/21	8.9231	17.85	A	07/15/21
	C-3823-1.625 (SPM2S) 3/4" SHRT MTR COUPL NL									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
02	N10-0612.0	EA	2.0000	.0000	2.0000	07/15/21	9.2784	18.56	A	07/15/21
	5/8 & 3/4 METER COUPLING BUSHING BBIM33 NL									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
03	N18-0045.0	EA	1.0000	.0000	1.0000	07/15/21	29.9005	29.90	A	07/15/21
	1419-12 PLASTIC MTR BOX W/MTR VIEW LID GREEN									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
04	N05-0415.5	EA	1.0000	.0000	1.0000	07/15/21	161.4825	161.48	A	07/15/21
	3/4" WATTS LF007M3-QT DBL CHK VLV									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

TOTAL REQUEST	227.79
TOTAL REPORT	227.79



# 1" Double Check Valve

PENTAMATION  
 DATE: 07/15/2021  
 TIME: 16:19:37

NEVADA IRRIGATION DISTRICT  
 REQUEST STATUS

PAGE NUMBER: 1  
 INVRE516

SELECTION CRITERIA: invreq.req\_no=142487

REQUEST 142487      REQUESTED 07/15/21    REQUIRED 07/15/21    REQ YR 21    REQUESTED BY

SHIP TO: 10230    NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230    NID GRASS VALLEY CORP YARD

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
01	N05-0425.5	EA	1.0000	.0000	1.0000	07/15/21	139.5774	139.58	A	07/15/21
	1" WATTS LF007M1-QT DBL CHK VLV									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
02	N10-0631.0	EA	2.0000	.0000	2.0000	07/15/21	14.0298	28.06	A	07/15/21
	C38-44-1.5 FORD METER CPLG.-F/1" SHORT NL									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
03	N10-0613.0	EA	2.0000	.0000	2.0000	07/15/21	10.1357	20.27	A	07/15/21
	1 METER COUPLING BUSHING BBIM44									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
04	N18-0045.0	EA	1.0000	.0000	1.0000	07/15/21	29.9005	29.90	A	07/15/21
	1419-12 PLASTIC MTR BOX W/MTR VIEW LID GREEN									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

TOTAL REQUEST      217.81

TOTAL REPORT      217.81

1 1/2" Double Check Valve

PENTAMATION  
 DATE: 07/15/2021  
 TIME: 16:28:18

NEVADA IRRIGATION DISTRICT  
 REQUEST STATUS

PAGE NUMBER: 1  
 INVRE516

SELECTION CRITERIA: invreq.req\_no=142488

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
01	N05-0425.7	EA	1.0000	.0000	1.0000	07/15/21	411.7382	411.74	A	07/15/21
	1-1/2" WATTS 007 DOUBLE CHK VLV NL									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10314	52504						
02	N10-0640.0	EA	2.0000	.0000	2.0000	07/15/21	20.9635	41.93	A	07/15/21
	1-1/2" METER COMPANION FLG CI									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10314	52504						
03	N17-2094.0	EA	2.0000	.0000	2.0000	07/15/21	3.1817	6.36	A	07/15/21
	2" BOLTUP ST GRD 5 - 5/8" X 2-1/2"									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10314	52504						
04	N19-0340.0	EA	2.0000	.0000	2.0000	07/15/21	13.4987	27.00	A	07/15/21
	1-1/2" X 6" NIPPLE BRASS NL									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10314	52504						
05	N18-0150.0	EA	1.0000	.0000	1.0000	07/15/21	47.4311	47.43	A	07/15/21
	N36BOX CONCRETE METER BOX - CHRISTY									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10314	52504						
06	N18-0161.0	EA	1.0000	.0000	1.0000	07/15/21	125.3470	125.35	A	07/15/21
	B3661D TRAFFIC LID SOLID-STEEL CHECKER PLATE									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10314	52504						
								TOTAL REQUEST	659.81	
								TOTAL REPORT	659.81	

## 2" Double Check Valve

PENTAMATION  
 DATE: 07/15/2021  
 TIME: 16:28:38

NEVADA IRRIGATION DISTRICT  
 REQUEST STATUS

PAGE NUMBER: 1  
 INVRE516

SELECTION CRITERIA: invreq.req\_no=142489

REQUEST 142489      REQUESTED 07/15/21    REQUIRED 07/15/21    REQ YR 21    REQUESTED BY

SHIP TO: 10230    NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230    NID GRASS VALLEY CORP YARD

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
01	N05-0425.8	EA	1.0000	.0000	1.0000	07/15/21	486.7428	486.74	A	07/15/21
	2" WATTS 007 DOUBLE CHK VLV									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
02	N17-2094.0	EA	2.0000	.0000	2.0000	07/15/21	3.1817	6.36	A	07/15/21
	2" BOLTUP ST GRD 5 - 5/8" X 2-1/2"									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
03	N10-0641.0	EA	2.0000	.0000	2.0000	07/15/21	21.5373	43.07	A	07/15/21
	2" METER COMPANION FLG CI									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
04	N19-0370.0	EA	2.0000	.0000	2.0000	07/15/21	20.0970	40.19	A	07/15/21
	2" X 6" NIPPLE BRASS NL									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
05	N18-0150.0	EA	1.0000	.0000	1.0000	07/15/21	47.4311	47.43	A	07/15/21
	N36BOX CONCRETE METER BOX - CHRISTY									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
06	N18-0161.0	EA	1.0000	.0000	1.0000	07/15/21	125.3470	125.35	A	07/15/21
	B3661D TRAFFIC LID SOLID-STEEL CHECKER PLATE									

BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT
10191	52504	10314	52504

TOTAL REQUEST      749.14

TOTAL REPORT      749.14

3/4" RP Device

PENTAMATION  
 DATE: 07/19/2021  
 TIME: 10:40:48

NEVADA IRRIGATION DISTRICT  
 REQUEST STATUS

PAGE NUMBER: 1  
 INVRES16

SELECTION CRITERIA: invreq.req\_no=142514

REQUEST 142514      REQUESTED 07/19/21    REQUIRED 07/19/21    REQ YR 21    REQUESTED BY

SHIP TO: 10230    NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230    NID GRASS VALLEY CORP YARD

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
01	N05-0427.3 3/4" WATTS LF009M3-QT RP BACKFLOW PRVNTR	EA	1.0000	.0000	1.0000	07/19/21	276.2198	276.22	A	07/19/21
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
02	N19-0300.0 3/4" X 12" NIPPLE BRASS NL	EA	4.0000	.0000	4.0000	07/19/21	9.0244	36.10	A	07/19/21
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
03	N19-0290.0 3/4" X 6" NIPPLE BRASS NL	EA	2.0000	.0000	2.0000	07/19/21	4.9009	9.80	A	07/19/21
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
04	N19-0100.0 3/4" COUPLING BRASS NL	EA	2.0000	.0000	2.0000	07/19/21	2.7034	5.41	A	07/19/21
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
05	N19-0230.0 3/4" 90 DEG STREET EL BRASS NL	EA	2.0000	.0000	2.0000	07/19/21	4.2292	8.46	A	07/19/21
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
06	N19-0220.0 3/4" 90 DEG EL BRASS NL	EA	2.0000	.0000	2.0000	07/19/21	3.2431	6.49	A	07/19/21
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
07	N10-0612.0 5/8 & 3/4 METER COUPLING BUSHING BBIM33 NL	EA	2.0000	.0000	2.0000	07/19/21	9.2784	18.56	A	07/19/21
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
08	N10-0680.0	EA	2.0000	.0000	2.0000	07/19/21	8.9231	17.85	A	07/19/21
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						

PENTAMATION  
 DATE: 07/19/2021  
 TIME: 10:40:48

NEVADA IRRIGATION DISTRICT  
 REQUEST STATUS

PAGE NUMBER: 2  
 INVRE516

SELECTION CRITERIA: invreq.req\_no=142514

REQUEST 142514      REQUESTED 07/19/21    REQUIRED 07/19/21    REQ YR 21    REQUESTED BY

SHIP TO: 10230    NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230    NID GRASS VALLEY CORP YARD

C-3823-1.625 (SPM2S) 3/4" SHRT MTR COUPL NL

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
 10191            52504        10317        52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
09	N05-0425.0	EA	1.0000	.0000	1.0000	07/19/21	501.2700	501.27	A	07/19/21
	3/4 HOT BOX MODEL LF011019022 W/LOCKING HASP									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
 10191            52504        10317        52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
10	N08-0180.1	EA	4.0000	.0000	4.0000	07/19/21	3.1790	12.72	A	07/19/21
	PRE-MIX CONCRETE (60#-IN PAPER SKS.)									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
 10191            52504        10317        52504

TOTAL REQUEST      892.88

TOTAL REPORT      892.88

PENTAMATION  
 DATE: 07/19/2021  
 TIME: 10:45:41

NEVADA IRRIGATION DISTRICT  
 REQUEST STATUS

PAGE NUMBER: 1  
 INVRE516

SELECTION CRITERIA: invreq.req\_no=142515

REQUEST 142515      REQUESTED 07/19/21    REQUIRED 07/19/21    REQ YR 21    REQUESTED BY

SHIP TO: 10230      NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230      NID GRASS VALLEY CORP YARD

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
01	N05-0427.5	EA	1.0000	.0000	1.0000	07/19/21	238.2877	238.29	A	07/19/21
	1" WATTS LF009M2-QT RP BACKFLOW PRVNTN									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
02	N19-0332.0	EA	4.0000	.0000	4.0000	07/19/21	14.2831	57.13	A	07/19/21
	1" X 12" NIPPLE BRASS NL									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
03	N19-0330.0	EA	2.0000	.0000	2.0000	07/19/21	6.6745	13.35	A	07/19/21
	1" X 6" NIPPLE BRASS NL									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
04	N19-0105.0	EA	2.0000	.0000	2.0000	07/19/21	3.9988	8.00	A	07/19/21
	1" COUPLING BRASS NL									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
05	N19-0240.0	EA	2.0000	.0000	2.0000	07/19/21	7.8208	15.64	A	07/19/21
	1" 90 DEG ST EL BRASS NL									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
06	N19-0239.0	EA	2.0000	.0000	2.0000	07/19/21	5.1198	10.24	A	07/19/21
	1" 90 DEG EL BRASS NL									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
07	N10-0613.0	EA	2.0000	.0000	2.0000	07/19/21	10.1357	20.27	A	07/19/21
	1 METER COUPLING BUSHING BBIM44									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
08	N10-0631.0	EA	2.0000	.0000	2.0000	07/19/21	14.0298	28.06	A	07/19/21

PENTAMATION  
 DATE: 07/19/2021  
 TIME: 10:45:41

NEVADA IRRIGATION DISTRICT  
 REQUEST STATUS

PAGE NUMBER: 2  
 INVRES16

SELECTION CRITERIA: invreq.req\_no=142515

REQUEST 142515      REQUESTED 07/19/21    REQUIRED 07/19/21    REQ YR 21    REQUESTED BY

SHIP TO: 10230      NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230      NID GRASS VALLEY CORP YARD

C38-44-1.5 FORD METER CPLG.-F/1" SHORT NL

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
 10191            52504        10317        52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
09	N05-0425.1	EA	1.0000	.0000	1.0000	07/19/21	640.8733	640.87	A	07/19/21
	1" HOT BOX MODEL LF013027023 W/LOCKING HASP									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
 10191            52504        10317        52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
10	N08-0180.1	EA	4.0000	.0000	4.0000	07/19/21	3.1790	12.72	A	07/19/21
	PRE-MIX CONCRETE (60#-IN PAPER SKS.)									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
 10191            52504        10317        52504

TOTAL REQUEST	1,044.57
TOTAL REPORT	1,044.57

1 1/2" RP Device

PENTAMATION  
 DATE: 07/19/2021  
 TIME: 11:33:02

NEVADA IRRIGATION DISTRICT  
 REQUEST STATUS

PAGE NUMBER: 1  
 INVRE516

SELECTION CRITERIA: invreq.req\_no=142518

REQUEST 142518      REQUESTED 07/19/21    REQUIRED 07/19/21    REQ YR 21    REQUESTED BY

SHIP TO: 10230    NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230    NID GRASS VALLEY CORP YARD

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
01	N05-0428.0	EA	1.0000	.0000	1.0000	07/19/21	515.3046	515.30	A	07/19/21
	1-1/2" WATTS LF009M2-QT RP BACKFLOW PRVNR									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
 10191            52504        10317        52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
02	N19-0345.0	EA	4.0000	.0000	4.0000	07/19/21	24.2284	96.91	A	07/19/21
	1-1/2" X 12" NIPPLE BRASS NL									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
 10191            52504        10317        52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
03	N19-0340.0	EA	2.0000	.0000	2.0000	07/19/21	13.4987	27.00	A	07/19/21
	1-1/2" X 6" NIPPLE BRASS NL									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
 10191            52504        10317        52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
04	N19-0180.0	EA	2.0000	.0000	2.0000	07/19/21	8.6489	17.30	A	07/19/21
	1-1/2" COUPLING BRASS NL									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
 10191            52504        10317        52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
05	N19-0255.2	EA	2.0000	.0000	2.0000	07/19/21	14.1821	28.36	A	07/19/21
	1-1/2" 90 DEG ST EL BRASS NL									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
 10191            52504        10317        52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
06	N19-0255.1	EA	2.0000	.0000	2.0000	07/19/21	15.4926	30.99	A	07/19/21
	1-1/2" 90 DEG EL BRASS NL									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
 10191            52504        10317        52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
07	N10-0613.0	EA	2.0000	.0000	2.0000	07/19/21	10.1357	20.27	A	07/19/21
	1 METER COUPLING BUSHING BBIM44									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
 10191            52504        10317        52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
08	N10-0631.0	EA	2.0000	.0000	2.0000	07/19/21	14.0298	28.06	A	07/19/21



PENTAMATION  
DATE: 07/19/2021  
TIME: 11:33:02

NEVADA IRRIGATION DISTRICT  
REQUEST STATUS

PAGE NUMBER: 2  
INVRES16

SELECTION CRITERIA: invreq.req\_no=142518

REQUEST 142518      REQUESTED 07/19/21    REQUIRED 07/19/21    REQ YR 21    REQUESTED BY

SHIP TO: 10230      NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230      NID GRASS VALLEY CORP YARD

C38-44-1.5 FORD METER CPLG.-F/1" SHORT NL

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
10191            52504        10317        52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
09	N05-0425.2	EA	1.0000	.0000	1.0000	07/19/21	854.7885	854.79	A	07/19/21
	1-1/2 HOT BOX MODEL LF021033025 W/LOCKING HASP UNH									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
10191            52504        10317        52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
10	N08-0180.1	EA	4.0000	.0000	4.0000	07/19/21	3.1790	12.72	A	07/19/21
	PRE-MIX CONCRETE (60#-IN PAPER SKS.)									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
10191            52504        10317        52504

TOTAL REQUEST

1,631.70

TOTAL REPORT

1,631.70

2" RP Device

PENTAMATION  
 DATE: 07/19/2021  
 TIME: 11:54:20

NEVADA IRRIGATION DISTRICT  
 REQUEST STATUS

PAGE NUMBER: 1  
 INVRE516

SELECTION CRITERIA: invreq.req\_no=142519

REQUEST 142519      REQUESTED 07/19/21    REQUIRED 07/19/21    REQ YR 21    REQUESTED BY

SHIP TO: 10230    NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230    NID GRASS VALLEY CORP YARD

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
01	N05-0428.1	EA	1.0000	.0000	1.0000	07/19/21	541.4363	541.44	A	07/19/21
	2" WATTS LF009M2-QT RP BACKFLOW PRVNTR									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
02	N19-0372.0	EA	4.0000	.0000	4.0000	07/19/21	36.4594	145.84	A	07/19/21
	2" X 12" BRASS NIPPLE NL									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
03	N19-0370.0	EA	2.0000	.0000	2.0000	07/19/21	20.0970	40.19	A	07/19/21
	2" X 6" NIPPLE BRASS NL									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
04	N19-0190.0	EA	2.0000	.0000	2.0000	07/19/21	19.6440	39.29	A	07/19/21
	2" COUPLING BRASS NL									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
05	N19-0256.5	EA	2.0000	.0000	2.0000	07/19/21	21.5167	43.03	A	07/19/21
	2" 90 DEG ST EL BRASS NL									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
06	N19-0256.0	EA	2.0000	.0000	2.0000	07/19/21	17.6239	35.25	A	07/19/21
	2" 90 DEG EL BRASS NL									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
07	N10-0613.0	EA	2.0000	.0000	2.0000	07/19/21	10.1357	20.27	A	07/19/21
	1 METER COUPLING BUSHING BBIM44									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
08	N10-0631.0	EA	2.0000	.0000	2.0000	07/19/21	14.0298	28.06	A	07/19/21

PENTAMATION  
 DATE: 07/19/2021  
 TIME: 11:54:20

NEVADA IRRIGATION DISTRICT  
 REQUEST STATUS

PAGE NUMBER: 2  
 INVRE516

SELECTION CRITERIA: invreq.req\_no=142519

REQUEST 142519      REQUESTED 07/19/21    REQUIRED 07/19/21    REQ YR 21    REQUESTED BY

SHIP TO: 10230    NID GRASS VALLEY CORP YARD      WAREHOUSE: 10230    NID GRASS VALLEY CORP YARD

C38-44-1.5 FORD METER CPLG.-F/1" SHORT NL

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
 10191            52504        10317        52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
09	N05-0425.2	EA	1.0000	.0000	1.0000	07/19/21	854.7885	854.79	A	07/19/21
	1-1/2 HOT BOX MODEL LF021033025 W/LOCKING HASP UNH									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
 10191            52504        10317        52504

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
10	N08-0180.1	EA	1.0000	.0000	1.0000	07/19/21	3.1790	3.18	A	07/19/21
	PRE-MIX CONCRETE (60#-IN PAPER SKS.)									

BUDGET UNIT      ACCOUNT      PROJECT      ACCOUNT  
 10191            52504        10317        52504

TOTAL REQUEST      1,751.34

TOTAL REPORT      1,751.34

BACKFLOW PREVENTION DEVICE - MONTHLY CHARGES

**BACKFLOW PREVENTION DEVICE - MONTHLY CHARGE**

<u>Description</u>	<u>Quantity</u>	<u>Hours Required</u>	<u>Hourly Rate w/Ben. &amp; OH</u>	<u>Line Total</u>
<b>LABOR</b>				
CCC Tech, Annual testing & renewal	1	10	\$ 94.01	\$ 940.10
CCC Tech, 10 yr internal component replacement	1	1	\$ 94.01	\$ 94.01
<b>LABOR TOTAL</b>				<b>\$ 1,034.11</b>

<u>Description</u>	<u>Quantity</u>	<u>Hours Required</u>	<u>Hourly Rate</u>	<u>Line Total</u>
<b>EQUIPMENT</b>				
11017 Service Truck, Annual Testing & Renewal	1	1	32.48	\$ 32.48
11017 Service Truck, 10 yr internal component	1	1	32.48	\$ 32.48
<b>EQUIPMENT TOTAL</b>				<b>\$ 64.96</b>

<u>Description</u>	<u>Quantity</u>	<u>Cost</u>	<u>Line Total</u>
<b>MATERIALS</b>			
Annual Renewal	10	\$ 25.00	\$ 250.00
3/4" Watts 007 DCV Total Repair Kit	1	\$ 60.25	\$ 60.25
1" Watts 007 DCV Total Repair Kit	1	\$ 129.00	\$ 129.00
1.5" Watts 007 DCV Total Repair Kit	1	\$ 235.50	\$ 235.50
2" Watts 007 DCV Total Repair Kit & Seat Kit	1	\$ 355.50	\$ 355.50
3" DCV Watts 757 Repair Kit, 1st, 2nd ck, seat kit	1	\$ 710.00	\$ 710.00
4" DCV Watts 757 Repair Kit , 1st, 2nd ck	1	\$ 710.00	\$ 710.00
6" DCV Watts 757 Repair Kit, , 1st, 2nd ck	1	\$ 1,034.25	\$ 1,034.25
8" DCV Watts 757 Repair Kit, 1st, 2nd ck	1	\$ 1,714.75	\$ 1,714.75

<u>Description</u>	<u>10 Year Calculated Cost</u>	<u>Calculated Monthly Rate</u>	<u>2021 Monthly Charge</u>	<u>INCREASE OR DECREASE</u>
3/4" DCV	\$ 1,409.32	\$ 11.74	\$ 7.60	55%
1" DCV	\$ 1,478.07	\$ 12.32	\$ 7.80	58%
1.5" DCV	\$ 1,584.57	\$ 13.20	\$ 8.40	57%
2" DCV	\$ 1,704.57	\$ 14.20	\$ 8.70	63%
3" DCV	\$ 2,059.07	\$ 17.16	\$ 24.40	-30%
4" DCV	\$ 2,059.07	\$ 17.16	\$ 28.50	-40%
6" DCV	\$ 2,383.32	\$ 19.86	\$ 44.80	-56%
8" DCV	\$ 3,063.82	\$ 25.53	\$ 57.90	-56%

BACKFLOW PREVENTION DEVICE - MONTHLY CHARGES

**RP DEVICE - MONTHLY CHARGES**  
**3/4" - 3" Devices**

<u>Description</u>	<u>Quantity</u>	<u>Hours Required</u>	<u>Hourly Rate</u>	<u>Line Total</u>
<b>LABOR</b>				
CCC Tech, Annual testing & renewal	1	10	\$ 120.25	\$ 1,202.50
CCC Tech, 10 yr internal component replacement	1	1	\$ 120.25	\$ 120.25
			<b>LABOR TOTAL</b>	<b>\$ 1,322.75</b>

<u>Description</u>	<u>Quantity</u>	<u>Hours Required</u>	<u>Hourly Rate</u>	<u>Line Total</u>
<b>EQUIPMENT</b>				
11017 Service Truck	1	4	\$ 32.48	\$ 129.92
			<b>EQUIPMENT TOTAL</b>	<b>\$ 129.92</b>

<u>Description</u>	<u>Quantity Required</u>	<u>Price Per</u>	<u>Line Total</u>
<b>MATERIALS</b>			
3/4" Watts 009 RP Device Repair & Relief Valve Kits	1	\$ 353.50	\$ 353.50
1" Watts 009 RP Device Repair & Relief Valve Kits	1	\$ 496.00	\$ 496.00
1.5" Watts 009 RP Device Repair & Relief Valve Kits	1	\$ 716.00	\$ 716.00
2" Watts 009 RP Device Repair & Relief Valve Kits	1	\$ 903.50	\$ 903.50
3" Watts 009 RP Device Repair & Relief Valve Kits	1	\$ 1,823.50	\$ 1,823.50

<u>Description</u>	<u>10 Year Calculated Cost</u>	<u>Calculated Monthly Rate</u>	<u>2021 Monthly Charge</u>	<u>INCREASE OR DECREASE</u>
3/4" RP	\$ 1,806.17	\$ 15.05	\$ 8.70	73%
1" RP	\$ 1,948.67	\$ 16.24	\$ 9.80	66%
1.5" RP	\$ 2,168.67	\$ 18.07	\$ 13.10	38%
2" RP	\$ 2,356.17	\$ 19.63	\$ 13.20	49%
3" RP	\$ 3,276.17	\$ 27.30	\$ 13.20	107%

BACKFLOW PREVENTION DEVICE - MONTHLY CHARGES

**RP DEVICE - MONTHLY CHARGES**

**4" - 8" Devices**

<u>Description</u>	<u>Quantity</u>	<u>Hours Required</u>	<u>Hourly Rate</u>	<u>Line Total</u>
<b>LABOR</b>				
CCC Technician, Annual testing & renewal	2	10	\$ 94.01	\$ 1,880.20
CCC Technician, 10 year replacement	1	8	\$ 94.01	\$ 752.08
			<b>LABOR TOTAL</b>	<b>\$ 2,632.28</b>

<u>Description</u>	<u>Quantity</u>	<u>Hours Required</u>	<u>Hourly Rate</u>	<u>Line Total</u>
<b>EQUIPMENT</b>				
11017 Service Truck, 10 Year replacement	1	8	\$ 32.48	\$ 259.84
11017 Service Truck, Annual Testing	1	10	\$ 32.48	\$ 324.80
			<b>EQUIPMENT TOTAL</b>	<b>\$ 324.80</b>

<u>Description</u>	<u>Quantity Required</u>	<u>Price Per</u>	<u>Line Total</u>
<b>MATERIALS</b>			
4" Watts 909 RP Device Repair & Relief Valve Kits	1	\$ 2,837.00	\$ 2,837.00
6" Watts 909 RP Device Repair & Relief Valve Kits	1	\$ 3,767.50	\$ 3,767.50
8" Watts 909 RP Device Repair & Relief Valve Kits	1	\$ 6,801.00	\$ 6,801.00

<u>Description</u>	<u>10 Year Calculated Cost</u>	<u>Calculated Monthly Rate</u>	<u>2021 Monthly Charge</u>	<u>INCREASE OR DECREASE</u>
4" RP	\$ 5,794.08	<b>\$ 48.28</b>	\$ 31.10	55%
6" RP	\$ 6,724.58	<b>\$ 56.04</b>	\$ 42.40	32%
8" RP	\$ 9,758.08	<b>\$ 81.32</b>	\$ 65.20	25%

**DISTRICT CONSTRUCTED MAINLINE EXTENSIONS**

Q: Does the District perform this service?

A: Per Business Services Technician, Shannon Wood, she has facilitated two DCMLE in the last 10 year, one in 2012, one in 2013

Q: What are parameters for this work

A: Installation must be less than 300' in length  
Work will only be done if District's current workload permits

Q: Why are these uncommon?

A: Customers can now apply for TSL rather than paying for short MLE.  
The maintenance department has expressed that they do not have time and do not want to take work from local contractors.

**Recommendation:**

Amend/eliminate section 10.04 from R & R and eliminate schedule 10-A

## **~~10.04 DISTRICT CONSTRUCTED~~**

### **~~10.04.01 General~~**

~~The developer may request the District to install any extension consisting of a water main installation which is less than 300 feet in length. In such cases, the District may take on the responsibility of designing and constructing the extension depending on the District's current work load. rev. 1/26/11~~

### **~~10.04.02 Agreement~~**

~~A written agreement between the developer and the District will be required. The agreement will contain clauses outlining the District's responsibility to prepare engineering plans and specifications and construct the extension, payment for construction, and other conditions as deemed necessary by the District. A letter agreement, not requiring Board approval, will be used if the estimated cost is equal to, or less than \$15,000. eff. 12/12/90; rev. 1/26/11~~

### **~~10.04.03 Construction Cost~~**

~~Schedule 10-A of these Regulations will be used to determine the District's charge to design and construct the pipeline. The cost, as determined herein, will be stipulated in the agreement as the final cost to the developer for construction of the extension. rev. 1/26/11~~

### **~~10.04.04 Payment Schedule~~**

~~At the time the agreement is signed, 50 percent of the construction cost must be paid to District. Actual construction will be scheduled only after the remaining 50 percent is received.~~



**PENALTIES FOR UNAUTHORIZED TAKING OF WATER**

**Recommendation:**

Amend schedule to comply with Senate Bill-427 and Section 53069.45 of the Government Code.  
 This schedule has not been adjusted since 1984.

**Penalties for water theft committed via meter tampering:**

* First Violation	\$	130.00
* Second Violation within one year of first violation	\$	700.00
* Third Violation and each subsequent violation within one year of first violation	\$	1,300.00

**All other forms of water theft :**

* First Violation	\$	1,000.00
* Second Violation within one year of first violation	\$	2,000.00
* Third Violation and each subsequent violation within one year of first violation	\$	3,000.00

<b>2021 Rate</b>	First Violation	\$	250.00	Second Violation	\$	500.00
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**SB-427 Water theft: enhanced penalties.** (2021-2022)

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Date Published: 07/26/2021 02:00 PM

**Senate Bill No. 427**

CHAPTER 137

An act to add Section 53069.45 to the Government Code, relating to local government.

[ Approved by Governor July 23, 2021. Filed with Secretary of State July 23, 2021. ]

LEGISLATIVE COUNSEL'S DIGEST

SB 427, Eggman. Water theft: enhanced penalties.

Existing law authorizes the legislative body of a city or a county to make, by ordinance, any violation of an ordinance subject to an administrative fine or penalty and limits the maximum fine or penalty amounts for infractions, to \$100 for the first violation, \$200 for a 2nd violation of the same ordinance within one year of the first violation, and \$500 for each additional violation of the same ordinance within one year of the first violation.

This bill would authorize the legislative body of a local agency, as defined, that provides water service to adopt an ordinance that prohibits water theft, as defined, subject to an administrative fine or penalty in excess of the limitations above, as specified. The bill would require the local agency to adopt an ordinance that sets forth the administrative procedures governing the imposition, enforcement, collection, and administrative review of the administrative fines or penalties for water theft and to establish a process for granting a hardship waiver to reduce the amount of the fine, as specified.

Vote: majority Appropriation: no Fiscal Committee: no Local Program: no

THE PEOPLE OF THE STATE OF CALIFORNIA DO ENACT AS FOLLOWS:

**SECTION 1.** Section 53069.45 is added to the Government Code, immediately following Section 53069.4, to read:

**53069.45.** (a) (1) Notwithstanding any other law, the legislative body of a "local agency," as defined in Section 54951, that provides water services, may adopt an ordinance that prohibits water theft and makes a violation of an ordinance enacted by the local agency regarding water theft subject to an administrative fine or penalty, as provided in this section.

(2) The local agency shall adopt an ordinance that sets forth the administrative procedure that shall govern the imposition, enforcement, collection, and administrative review by the local agency of the administrative fines or penalties for water theft.

(3) The local agency shall establish a process for granting a hardship waiver to reduce the amount of the fine imposed for water theft upon a showing by the responsible party that payment of the full amount of the fine would impose an undue financial burden on the responsible party.

(b) If the water theft is committed via meter tampering in violation of an ordinance adopted under this section, it is punishable as follows:

(1) A fine not exceeding one hundred thirty dollars (\$130) for a first violation.

(2) A fine not exceeding seven hundred dollars (\$700) for a second violation of the same ordinance within one year of the first violation.

(3) A fine not exceeding one thousand three hundred dollars (\$1,300) for the third violation and each additional violation of the same ordinance within one year of the first violation.

(c) All other forms of water theft in violation of an ordinance adopted under this section are punishable as follows:

(1) A fine not exceeding one thousand dollars (\$1,000) for a first violation.

(2) A fine not exceeding two thousand dollars (\$2,000) for a second violation of the same ordinance within one year.

(3) A fine not exceeding three thousand dollars (\$3,000) for each additional violation of the same ordinance within one year.

(d) "Water theft" means an action to divert, tamper, or reconnect water utility services, as defined in Section 498 of the Penal Code.