



Staff Report

TO: Water Rates Committee Members

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

DATE: August 3, 2021

SUBJECT: Rate Schedules not subject to the Proposition 218 Process

OPERATIONS

RECOMMENDATION:

Review and discuss the fee schedules that were not studied at the June 3, 2021 meeting, and make a recommendation to Staff as appropriate.

BACKGROUND:

The Water Rates Committee reviews rates set through the Proposition 218 process at regular and scheduled intervals. However, many rates are not set through the Proposition 218 process and/or have little or no documented procedures for setting these rates. Per committee request, staff is completing a comprehensive review of all schedules. The first round of analysis was conducted at the June 3, 2021 Rate Committee Meeting. The objective for this meeting is to complete the review of the remaining fees.

Ultimately, staff will be working toward a fully updated Schedule of fees that documents the rate setting process and establishes a clear procedure for annual increases. Upon completion and approval, staff recommends that comprehensive reviews are conducted every five years using the same methodology. The following is a summary of each schedule and the status of the rate update.

- **4-A -Treated water system, standby charges and connection fees**
 - Attachment: Pages 6-7– Current Rate Schedule
 - Attachment: Pages 8-17 – Calculations & recommendations
 - Amend the fees to reflect the actual cost of completing this work.
 - Add a complex drop in fee to the existing schedule.

- Continue to adjust the fees annually, using the Engineering News and Report, 20 City, Construction Cost Index increase for December.
 - Adjust the fee every 5 years based on current costs using the same methodology.
- **4-B – Miscellaneous Meter Service Charges**
 - Attachment: Page 18 – Current Rate Schedule
 - Attachment: Page 19 – Calculations & recommendations
 - **Meter Testing:** Amend the fee to be 50% of the calculated cost. Meter testing is recommended by AWWA and is required for the District’s annual water audit. At this time we are not actively engaged in a meter testing program, instead focusing on a wholesale meter change out to the Badger system. Meter testing is done at customer request only at this time. Subsidizing the fees could be done as part of our water efficiency program.
 - **Abandonment:** Amend the fees to reflect the actual cost of completing this work.
 - Continue to adjust the fees annually, using the Engineering News and Report, 20 City, Construction Cost Index increase for December.
 - Adjust the fees every 5 years based on current costs using the same methodology.
- **4-EI/4-FI – Treated Water, Non-Commercial/Commercial, Inside District**
 - Rates set via the Proposition 218 Process
- **4-EO/4-FO – Non-Commercial/Commercial, Outside District**
 - Rates set via the Proposition 218 Process
- **4-G – Residential Condominium, Inside District**
 - Rates set via the Proposition 218 Process
- **4-H – Tank or temporary construction water service**
 - This item was reviewed at the May Water Rates Committee Meeting
- **4-I – Off Rate Charges for Treated Water Systems**
 - This item was reviewed at the May Water Rates Committee Meeting
- **5-B – Raw Water Service Outlet, Installation Charges**
 - This item was reviewed at the May Water Rates Committee Meeting
- **5-C - Raw Water Service Outlet, Periodic Charges – Rotation Fees**
 - This item was reviewed at the May Water Rates Committee Meeting
- **5-D – Annual Raw Water Service, Inside District**
 - This item was reviewed at the May Water Rates Committee Meeting

- **5-F – Annual Raw Water Service, Outside District, Smartsville Only**
 - This item was reviewed at the May Water Rates Committee Meeting
- **5-G – Inside District Seasonal Irrigation Water**
 - Rate set via the Proposition 218 Process
- **5-H – Outside District Surplus Irrigation Water**
 - Rate set via the Proposition 218 Process
- **5-I – Demand Water**
 - This item was reviewed at the May Water Rates Committee Meeting
- **5-J – Fall Water**
 - This item was reviewed at the May Water Rates Committee Meeting
- **5-K – Intermittent Flow Irrigation Water**
 - This item was reviewed at the May Water Rates Committee Meeting
- **5-L – Energy Pumping Cost – Magnolia #3**
 - This item was reviewed at the May Water Rates Committee Meeting
- **5-M – Energy Pumping Cost – Edgewood**
 - This item was reviewed at the May Water Rates Committee Meeting
- **5-R – Municipal Water Rates**
 - This item was reviewed at the May Water Rates Committee Meeting
- **6-A – Miscellaneous Charges, Rendering and Payment of Bills**
 - This item was reviewed at the May Water Rates Committee Meeting
- **7-A – Special Service Call**
 - This item was reviewed at the May Water Rates Committee Meeting
- **8-A – Public Fire Hydrants on Treated Water Systems**
 - Attachment: Page 20 – Current Rate Schedule
 - Attachment: Pages 21-25 – Calculations & recommendations
 - Amend the fees to reflect the actual cost of completing this work.
 - Convert the over 10 foot service lateral charge to a charge per foot of installed service lateral to mirror meter installation fees.
 - Remove the following line items:

- ❖ **Hydrant Installation: Concurrently with New Construction** – The District does not currently complete District Constructed Mainline Extensions making this item not applicable to current practice.
 - ❖ **Hydrant Removal and Discontinuance of Service** – The District has not done this in more than 10 years. If this was requested the work could be done on a time and materials basis using project tracking.
 - ❖ **Salvage Credit on Fire Hydrant Relocation** – In the event that the District relocated a fire hydrant at customer request, the hydrant would be replaced with new. The District does not receive salvage credit therefore there is no credit to pass to the customer.
 - Continue to adjust the fees annually, using the Engineering News and Report, 20 City, Construction Cost Index increase for December.
 - Adjust the fees every 5 years based on current costs using the same methodology.
- **8-B – Private Fire Service Installation**
 - This item was reviewed at the May Water Rates Committee Meeting
- **8-C Private Fire Service – Monthly Charge (Detector Check)**
 - Attachment: Page 26 – Current rate schedule
 - Attachment: Pages 27-28 – Calculations and recommendations
 - Costs were calculated based on a 10 year device life cycle.
 - Amend the fees to reflect the actual cost of reading, testing and maintaining these devices.
 - Continue to adjust the fees annually, using the Engineering News and Report, 20 City, Construction Cost Index increase for December.
 - Adjust the fees every 5 years based on current costs using the same methodology.
- **8-D Private Fire Service – Monthly Charge (Double Detector Check)**
 - Attachment: Page 26 – Current rate schedule
 - Attachment: Page 29 – Calculations and recommendations
 - Amend the fees to reflect the actual cost of reading, testing and maintaining these devices.
 - Costs were calculated based on a 10 year device life cycle.
 - Continue to adjust the fees annually, using the Engineering News and Report, 20 City, Construction Cost Index increase for December.
 - Adjust the fees every 5 years based on current costs using the same methodology.
- **9-B Backflow Prevention Device – Installation Charges**
 - Attachment: Page 30 – Current rate schedule
 - Attachment: Pages 31-44 – Calculations and recommendations

- Amend the fee to reflect the actual cost of installing these devices
 - Eliminate DCV install fees over 1". Residential services are generally not larger than 1" and commercial services require an RP device.
 - Eliminate RP install fees for 3" and above, new services larger than 2" are 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.
 - Continue to adjust the fees annually, using the Engineering News and Report, 20 City, Construction Cost Index increase for December.
 - Adjust the fees every 5 years based on current costs using the same methodology.
- **9-C/D Backflow Prevention Device – Monthly Charge**
 - Attachment: Page 45 – Current rate schedule
 - Attachment: Page 46-48 – Calculations and recommendations
 - Amend the fee to reflect the calculated cost of testing, renewal and replacement of these devices.
 - Costs were calculated based on a 10 year device life cycle.
 - Continue to adjust the fees annually, using the Engineering News and Report, 20 City, Construction Cost Index increase for December.
 - Adjust the fees every 5 years based on current costs using the same methodology.
- **10-A District Constructed Mainline Extensions**
 - This item was reviewed at the May Water Rates Committee Meeting
- **10-B TSL Treated Water main Contributions**
 - This schedule is still under review and will be brought to the Board as a separate item at a future meeting.
- **12-A Penalties for Unauthorized Taking of Water**
 - Attachment: Page 49 – Current rate schedule
 - Attachment: Page 50-51 – Calculations and recommendations
 - Amend the rate to be compliant with Senate Bill-427

BUDGETARY IMPACT:

Unknown at this time.

Attachments: - See above.

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

STANDBY CHARGES²: \$6.00 per month per parcel

CONNECTION FEES³, Non-Commercial⁴ 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
Domestic Meter & Fire Meter Installation			
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		
Domestic Meter & Fire Meter Installation			
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.

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

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

³ Rules & Regulations Section 4.04

⁴ Rules & Regulations Section 4.01.04

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

CONNECTION FEES: Commercial, Industrial, Municipal and Multi-Unit Master Meters⁵

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		
Domestic Meter & Fire Meter Installation			
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.

⁵ Rules & Regulations Section 4.01.03

METER INSTALL - TAP - SINGLE DOMESTIC SERVICE

LABOR	Quantity	Hours Required	Hourly Rate		LINE TOTAL
			w/Ben. & OH		
Senior Utility Worker	1	9	\$ 94.01		\$ 846.09
Equipment Operator	2	9	\$ 91.31		\$ 1,643.58
Utility Worker	2	9	\$ 85.31		\$ 1,535.58
Temp labor (traffic control)	2	9	\$ 18.00		\$ 324.00
			LABOR TOTAL		\$ 4,349.25

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
5/8" DOMESTIC SERVICE MATERIAL TOTAL				\$ 1,416.95
3/4" DOMESTIC SERVICE MATERIAL TOTAL				\$ 1,440.53
1" DOMESTIC SERVICE MATERIAL TOTAL				\$ 1,483.02
1.5" DOMESTIC SERVICE MATERIAL TOTAL				\$ 1,697.95
2" DOMESTIC SERVICE MATERIAL TOTAL				\$ 1,867.65

EQUIPMENT				
11051 - Cat 420 Backhoe	1	9	\$ 53.91	\$ 485.19
10930 - 3 axle dump truck	1	9	\$ 58.85	\$ 529.65
10673 Trailer	1	9	\$ 4.77	\$ 42.93
10672 - F-550 service truck	1	9	\$ 55.69	\$ 501.21
10854 - One ton dump truck	2	9	\$ 57.70	\$ 1,038.60
Light duty pickup truck	2	9	\$ 25.30	\$ 455.40
10109 Compacting / tamping wacker	1	9	\$ 3.65	\$ 32.85
10003 - 5 yd Dump Truck	1	9	\$ 42.53	\$ 382.77
Asphalt saw	1	9	\$ 6.30	\$ 56.70
Air compressor	1	9	\$ 3.00	\$ 27.00
EQUIPMENT TOTAL				3,552.30

Description	2021 Fee	Calculated Cost	INCREASE/DECREASE
5/8" Meter, Tap	\$ 5,423.00	\$ 9,318.50	72%
3/4" Meter, Tap	\$ 5,464.00	\$ 9,342.08	71%
1" Meter, Tap	\$ 5,551.00	\$ 9,384.57	69%
1.5" Meter, Tap	\$ 5,877.00	\$ 9,599.50	63%
2" Meter, Tap	\$ 6,092.00	\$ 9,769.20	60%

METER INSTALL - TAP - DOMESTIC & FIRE SERVICE INSTALL

LABOR	Quantity	Hours Required	Hourly Rate		LINE TOTAL
			w/Ben. & OH		
Senior Utility Worker	1	9	\$ 94.01		\$ 846.09
Equipment Operator	2	9	\$ 91.31		\$ 1,643.58
Utility Worker	2	9	\$ 85.31		\$ 1,535.58
Temp labor (traffic control)	2	9	\$ 18.00		\$ 324.00
			LABOR TOTAL		\$ 4,349.25

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
5/8" DOMESTIC SERVICE W/1" FIRE SERVICE MATERIAL TOTAL					1,886.24
3/4" DOMESTIC SERVICE W/1" FIRE SERVICE MATERIAL TOTAL					\$ 1,909.82

EQUIPMENT					
11051 - Cat 420 Backhoe	1	9	\$ 53.91		\$ 485.19
10930 - 3 axle dump truck	1	9	\$ 58.85		\$ 529.65
10673 Trailer	1	9	\$ 4.77		\$ 42.93
10672 - F-550 service truck	1	9	\$ 55.69		\$ 501.21
10854 - One ton dump truck	2	9	\$ 57.70		\$ 1,038.60
Light duty pickup truck	2	9	\$ 25.30		\$ 455.40
10109 Compacting / tamping wacker	1	9	\$ 3.65		\$ 32.85
10003 - 5 yd Dump Truck	1	9	\$ 42.53		\$ 382.77
Asphalt saw	1	9	\$ 6.30		\$ 56.70
Air compressor	1	9	\$ 3.00		\$ 27.00
EQUIPMENT TOTAL					3,552.30

DOMESTIC SERVICE CALCULATED COST \$ 9,787.79
DOMESTIC & FIRE SERVICE CALCULATED COST \$ 9,811.37

Description	2021 Fee	Calculated Cost	INCREASE/DECREASE
5/8" Meter w/1" FS, Tap	\$ 5,859.00	\$ 9,814.92	68%
3/4" Meter w/1" FS, Tap	\$ 5,900.00	\$ 10,300.11	75%

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
LABOR TOTAL				2,657.88

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	
MATERIAL, TRENCH BACKFILL TOTAL			\$ 255.69	

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

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
¹ 700 mm Traffic Cones, per 100, Trench Backfill	1		\$ 16.07	\$ 16.07
¹ Flag/ sign stands, Trench Backfill	6		\$ 2.97	\$ 17.82
¹ 700 mm Traffic Cones, per 100, Asphalt Rest.	1		\$ 16.07	\$ 16.07
¹ Flag/ sign stands, Asphalt Rest.	6		\$ 2.97	\$ 17.82
EQUIPMENT TOTAL				\$ 1,306.20

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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METER INSTALL - SIMPLE DROP IN
Single Domestic Service

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

MATERIALS	<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	
					5/8" MATERIAL TOTAL \$ 199.87
					3/4" MATERIAL TOTAL \$ 223.45
					1" MATERIAL TOTAL \$ 265.94
					1.5" MATERIAL TOTAL \$ 480.87
					2" MATERIAL TOTAL \$ 650.57

EQUIPMENT	<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
					EQUIPMENT TOTAL \$ 74.67

<u>Description</u>	<u>2021 Fee</u>	<u>Calculated Cost</u>	<u>INCREASE/DECREASE</u>
5/8" Meter, Drop In	\$ 681.00	\$ 445.16	-53%
3/4" Meter, Drop In	\$ 723.00	\$ 468.74	-54%
1" Meter, Drop In	\$ 769.00	\$ 511.23	-50%
1.5" Meter, Drop In	\$ 1,050.00	\$ 726.16	-45%
2" Meter, Drop In	\$ 1,258.00	\$ 895.86	-40%

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

	<u>Quantity</u>	<u>Hours Required</u>	<u>Hourly Rate w/Ben. & OH</u>	
LABOR				
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
			LABOR TOTAL	\$ 785.37

	<u>Quantity</u>	<u>Cost</u>	
MATERIALS			
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
		5/8" Meter w/1" FS MATERIAL TOTAL	\$ 1,108.69
		3/4" Meter w/1" FS MATERIAL TOTAL	\$ 1,132.27

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

Description	2021 Fee	Calculated Cost	INCREASE/DECREASE
5/8" Meter w/1" FS, Complex Drop In	\$ 1,450.00	\$ 2,052.26	29%
3/4" Meter w/1" FS, Complex Drop In	\$ 1,492.00	\$ 2,075.84	28%

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

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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Single and Double Services (Brass)

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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
 TIME: 10:29:47

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

Page 1 of 1

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

MISCELLANEOUS METER SERVICE CHARGES

TESTING⁶

Meter Size	Deposit	Effective Date
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.)

⁶ Rules & Regulations Section 4.06.09

METER TESTING

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

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

	<u>Description</u>	<u>Quantity</u>	<u>Hours Required</u>	<u>Hourly Rate w/Ben. & OH</u>	
LABOR					
Senior Utility Worker		1	9	\$ 94.01	\$ 846.09
Equipment Operator		2	9	\$ 91.31	\$ 1,643.58
Utility Worker		2	9	\$ 85.31	\$ 1,535.58
Temp labor (traffic control)		2	9	\$ 18.00	\$ 324.00
LABOR TOTAL					\$ 4,349.25

	<u>Description</u>	<u>Quantity</u>	<u>Hours Required</u>	<u>Hourly Rate</u>	
EQUIPMENT					
10954 Dump Truck		1	9	\$ 45.02	\$ 405.18
10666 Cat 420 Backhoe		1	9	\$ 53.91	\$ 485.19
9895 10 Yd Dump Truck		1	9	\$ 52.67	\$ 474.03
10672 Utility Bed Service Truck		1	9	\$ 55.69	\$ 501.21
EQUIPMENT TOTAL					\$ 1,865.61

	<u>Description</u>	<u>Quantity Required</u>	<u>Cost Per</u>	
MATERIALS - 40' trench				
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
MATERIALS TOTAL				\$ 292.22

CALCULATED COST \$ 6,507.08

2021 ACTUAL RATE	\$ 402.70	INCREASE/DECREASE	1515.86%
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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.)

¹⁸ Rules & Regulations Section 8.04

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
LABOR TOTAL					2,657.88

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
MATERIALS TOTAL					\$ 466.55

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
¹ 700 mm Traffic Cones, per 100, Trench Backfill	1		\$ 16.07	\$	16.07
¹ Flag/ sign stands, Trench Backfill	6		\$ 2.97	\$	17.82
¹ 700 mm Traffic Cones, per 100, Asphalt Rest.	1		\$ 16.07	\$	16.07
¹ Flag/ sign stands, Asphalt Rest.	6		\$ 2.97	\$	17.82
EQUIPMENT TOTAL					\$ 1,306.20

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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¹ 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	9	\$ 94.01		\$ 846.09
Equipment Operator	2	9	\$ 91.31		\$ 1,643.58
Utility Worker	2	9	\$ 85.31		\$ 1,535.58
Temp labor (traffic control)	2	9	\$ 18.00		\$ 324.00
			LABOR TOTAL		\$ 4,349.25

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 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
			MATERIAL TOTAL		\$ 7,090.98

EQUIPMENT					
11051 - Cat 420 Backhoe	1	9	\$ 53.91		\$ 485.19
10930 - 3 axle dump truck	1	9	\$ 58.85		\$ 529.65
10673 Trailer	1	9	\$ 4.77		\$ 42.93
10672 - F-550 service truck	1	9	\$ 55.69		\$ 501.21
10854 - One ton dump truck	2	9	\$ 57.70		\$ 1,038.60
Light duty pickup truck	2	9	\$ 25.30		\$ 455.40
10109 Compacting / tamping wacker	1	9	\$ 3.65		\$ 32.85
10003 - 5 yd Dump Truck	1	9	\$ 42.53		\$ 382.77
Asphalt saw	1	9	\$ 6.30		\$ 56.70
Air compressor	1	9	\$ 3.00		\$ 27.00
			EQUIPMENT TOTAL		3,552.30

Description	2021 Fee	Calculated Cost	INCREASE/DECREASE
HYDRANT INSTALLATION	\$ 9,777.00	\$ 14,992.53	53%

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

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
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

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
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

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
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

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
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

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
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

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
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

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
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: 15:31:12

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 OF RATES AND CHARGES
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 8-C²⁰
EFFECTIVE JANUARY 01, 2021

PRIVATE FIRE SERVICE - MONTHLY CHARGES

SIZE	INSIDE DISTRICT DETECTOR CHECK¹	OUTSIDE DISTRICT DETECTOR CHECK²
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

¹ Usage is charged at double the prevailing 4EI rate schedule.

² 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

SIZE	INSIDE DISTRICT DOUBLE DETECTOR CHECK¹	OUTSIDE DISTRICT DOUBLE DETECTOR CHECK²
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

¹ Usage is charged at double the prevailing 4EI rate schedule.

² Usage is charged at double the prevailing 4EO rate schedule.

²⁰ Rules and Regulations Section 8.05.04

Private Fire Service Monthly Charges

1" PRIVATE FIRE SERVICE (RESIDENTIAL)

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

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

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

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
			LABOR TOTAL	\$ 1,880.20
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
			4" MATERIAL TOTAL	\$ 2,105.17
			6" MATERIAL TOTAL	\$ 2,424.67
			8" MATERIAL TOTAL	\$ 3,077.67
Equipment	Quantity	Hours Required	Hourly Rate	Line Total
Service Truck	1	10	\$ 32.48	\$ 324.80
			EQUIPMENT TOTAL	\$ 324.80

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
LABOR TOTAL				\$ 3,760.40

Materials	Quantity	Price Per	Line Total
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
2", 3", 4" MATERIAL TOTAL			\$ 2,105.17
6" MATERIAL TOTAL			\$ 2,424.67
8" MATERIAL TOTAL			\$ 3,077.67
10" MATERIAL TOTAL			\$ 4,970.67

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

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.

BACKFLOW PREVENTION DEVICE - INSTALLATION CHARGES

ASSEMBLY SIZE	DCV ¹	RP ²
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

¹ Double Check Valve Assembly

² 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.)

²¹ Rules & Regulations Section 9

DCV INSTALLATION

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

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

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

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>
LABOR				
Cross Connection Control Tech	1	4	\$ 94.01	\$ 376.04
LABOR TOTAL				\$ 376.04

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

<u>Description</u>	<u>Quantity Required</u>	<u>Price Per</u>	<u>Line Total</u>
MATERIALS			
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

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

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

REQUEST 142488 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	N05-0425.7	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	EA	1.0000	.0000	1.0000	07/19/21	276.2198	276.22	A	07/19/21
	3/4" WATTS LF009M3-QT RP BACKFLOW PRVNTR									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
02	N19-0300.0	EA	4.0000	.0000	4.0000	07/19/21	9.0244	36.10	A	07/19/21
	3/4" X 12" NIPPLE BRASS NL									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
03	N19-0290.0	EA	2.0000	.0000	2.0000	07/19/21	4.9009	9.80	A	07/19/21
	3/4" X 6" NIPPLE BRASS NL									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
04	N19-0100.0	EA	2.0000	.0000	2.0000	07/19/21	2.7034	5.41	A	07/19/21
	3/4" COUPLING BRASS NL									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
05	N19-0230.0	EA	2.0000	.0000	2.0000	07/19/21	4.2292	8.46	A	07/19/21
	3/4" 90 DEG STREET EL BRASS NL									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
06	N19-0220.0	EA	2.0000	.0000	2.0000	07/19/21	3.2431	6.49	A	07/19/21
	3/4" 90 DEG EL BRASS NL									
	BUDGET UNIT	ACCOUNT	PROJECT	ACCOUNT						
	10191	52504	10317	52504						
07	N10-0612.0	EA	2.0000	.0000	2.0000	07/19/21	9.2784	18.56	A	07/19/21
	5/8 & 3/4 METER COUPLING BUSHING BBIM33 NL									
	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

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

1" RP Device

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

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
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

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
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

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
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

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
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

LN	STOCK NUMBER/DESCRIPTION	UNIT	REQUESTED	BACK ORDERED	FILLED	DATE	UNIT PRICE	TOTAL PRICE	STATUS	DATE
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

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: 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

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

SCHEDULE OF RATES AND CHARGES
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 9-C²²
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

²² Rules & Regulations Section 9.04

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. & OH</u>	<u>Line Total</u>
LABOR				
CCC Tech, Annual testing & renewal	1	10	\$ 94.01	\$ 940.10
CCC Tech, 10 yr internal component replacement	1	1	\$ 94.01	\$ 94.01
LABOR TOTAL				\$ 1,034.11

<u>Description</u>	<u>Quantity</u>	<u>Hours Required</u>	<u>Hourly Rate</u>	<u>Line Total</u>
EQUIPMENT				
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
EQUIPMENT TOTAL				\$ 64.96

<u>Description</u>	<u>Quantity</u>	<u>Cost</u>	<u>Line Total</u>
MATERIALS			
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>
LABOR				
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
			LABOR TOTAL	\$ 1,322.75

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

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

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

<u>Description</u>	<u>Quantity Required</u>	<u>Price Per</u>	<u>Line Total</u>
MATERIALS			
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	\$ 48.28	\$ 31.10	55%
6" RP	\$ 6,724.58	\$ 56.04	\$ 42.40	32%
8" RP	\$ 9,758.08	\$ 81.32	\$ 65.20	25%

**PENALTIES FOR
UNAUTHORIZED TAKING OF WATER**

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

²⁵ Rules & Regulations Section 12.04

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

2021 Rate	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.