

# Staff Report

for the Board of Directors' Meeting of September 13, 2017

**TO:** Board of Directors

**FROM:** Chip Close, Water Operations Manager

**DATE:** September 5, 2017

**SUBJECT: Water Service Rules and Regulations  
Revisions to Schedule 4-A of Rates and Charges (Consent)**

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## ***OPERATIONS***

### **RECOMMENDATION:**

Approve an amendment to the District's Rules and Regulations - Schedule 4-A of the Schedule of Rates and Charges, as recommended by the Administrative Practices Committee.

### **BACKGROUND:**

Recent revisions to service line installation procedures and costs have necessitated an update to Schedule 4-A of the Districts Schedule of Rates and Charges.

The schedule was updated to detail the following District practices:

- Meter installation requests will trigger a review of the existing service line to determine adequate size and condition. Service lines not meeting the Districts current standards will require a replacement.
- Service line installations along a property line that allow service to multiple parcels will allow for a 50% cost share between the parcels. Costs for the non-participating parcel will be carried until an application for meter is received. Fees for the future install will be indexed through normal schedule increases.

In addition to the bullet points above, staff has developed a separate installation table for Commercial connection fees to make the schedule of rates more user friendly.

Staff has worked closely with legal counsel to ensure the proposed language meets all legal requirements.

### **BUDGETARY IMPACT:**

None at this time

Attachments (2): Proposed Schedule 4-A  
Current Schedule 4-A

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

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

**CONNECTION FEES:** Single family residence

**Drop In to an Existing Meter Box and Water Service Lateral**

		-----Capacity Charge-----	
Meter Size	Installation Charge	Parcels In District Prior to 03/01/2007	Parcels Annexed to District After 03/01/2007
5/8"	\$ 612.00	\$ 10,029.00	\$ 13,450.00
3/4"	648.00	14,442.00	19,369.00
1"	690.00	25,675.00	34,345.00
1 1/2"	942.00	57,768.00	77,748.00
2"	1,129.00	102,698.00	137,739.00
Over 2"	DETERMINED BY DISTRICT		
<b>Domestic Meter &amp; Fire Meter Installation</b>			
5/8" & 1"	\$ 1,302.00	\$ 10,029.00	\$ 13,450.00
3/4" & 1"	1,338.00	14,442.00	19,369.00

If a new meter installation is requested and the existing service lateral does not meet the current District standard detail, the District will require replacement of the service line and the applicant will be charged at the "Installation Requiring Tap to the Water Main" rates set forth below.

**Installation Requiring Tap to Water Main**

		-----Capacity Charge-----	
Meter Size	Installation Charge	Parcels In District Prior to 03/01/2007	Parcels Annexed to District After 03/01/2007
5/8"	\$ 4,864.00	\$ 10,029.00	\$ 13,450.00
3/4"	4,901.00	14,442.00	19,369.00
1"	4,978.00	25,675.00	34,345.00
1 1/2"	5,271.00	57,768.00	77,748.00
2"	5,464.00	102,698.00	137,739.00
Over 2"	DETERMINED BY DISTRICT		
<b>Domestic Meter &amp; Fire Meter Installation</b>			
5/8" & 1"	\$ 5,255.00	\$ 10,029.00	\$ 13,450.00
3/4" & 1"	5,292.00	14,442.00	19,369.00

**Service Line Installation Cost**

\$60 per foot of service line installed per standard detail (in addition to meter installation cost)

If a new meter installation is requested and requires 1) a tap to the water main **and** 2) adjoins an unserved parcel **and** 3) the meter is set at the property line, then the "Installation Charge" and "Service Line Installation Charge" will be reduced by 50% for the requesting applicant. If the installed service line complies with the then-existing District standard detail, the adjoining landowner will pay 50% of the then-current "Installation Charge" and "Service Line Installation Charge" as listed in Schedule 4-A when service is requested utilizing this point of service.

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

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

**Installation Charge**

<b>Meter Size</b>	<b>Drop-In to an existing meter box and water service lateral</b>	<b>Installation Requiring Tap to Water Main*</b>
5/8"	\$ 612.00	\$ 4,864.00
3/4"	648.00	4,901.00
1"	690.00	4,978.00
1 1/2"	942.00	5,271.00
2"	1,129.00	5,464.00
Over 2"	DETERMINED BY DISTRICT	
<b>Domestic Meter &amp; Fire Meter Installation</b>		
5/8" & 1"	\$ 1,302.00	\$ 5255.00
3/4" & 1"	1,338.00	5292.00

**\*Service Line Installation Cost**

\$60 per foot of service line installed per standard detail (in addition to meter installation cost)

**Capacity Charge**

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

An example of calculation is as following:

Approved Meter Capacity by developers engineer: 6250 GPD  
 Equivalent ERU Calculation:  $6250 \text{ GPD} / 1250 \text{ gal per ERU} = 5 \text{ ERU}$   
 Capacity Fee Calculation:  $5 \text{ ERU} \times \$10,029 / \text{ERU} = \$50,145 \text{ for capacity fees}$

**Abandonment of an Existing Service**

Customer requesting new meter installation at a location other than existing box and curb stop will be charged an abandonment fee of \$361.40 in addition to applicable meter installation fees. Existing box and curb stop will be removed and the area backfilled. Customer will be responsible for re-vegetation or landscaping.

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

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 4-A  
EFFECTIVE MARCH 1, 2017

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

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

**CONNECTION FEES** Single family residence.

**\*\*DROP-IN TO AN EXISTING METER BOX AND WATER SERVICE LATERAL\*\***

<u>Meter Size</u>	<u>Installation Charge</u>	----- Capacity Charge -----	
		<u>Parcels in District Prior to 3/1/07</u>	<u>Parcels Annexed to District after 3/1/07</u>
5/8"	\$ 612.00	\$10,029.00	\$13,450.00
3/4"	648.00	14,442.00	19,369.00
1"	690.00	25,675.00	34,435.00
1 1/2"	942.00	57,768.00	77,478.00
2"	1,129.00	102,698.00	137,739.00
Over 2"		DETERMINED BY DISTRICT	

**\*\*INSTALLATION REQUIRING TAP TO WATER MAIN\*\***

<u>Meter Size</u>	<u>Installation Charge</u>	----- Capacity Charge -----	
		<u>Parcels in District Prior to 3/1/07</u>	<u>Parcels Annexed to District after 3/1/07</u>
5/8"	\$4,864.00	\$10,029.00	\$13,450.00
3/4"	4,901.00	14,442.00	19,369.00
1"	4,978.00	25,675.00	34,435.00
1 1/2"	5,271.00	57,768.00	77,478.00
2"	5,464.00	102,698.00	137,739.00
Over 2"		DETERMINED BY DISTRICT	

Domestic Meter and Fire Meter

<u>Meter Sizes</u>	<u>Installation Charge</u>	<u>Parcels in District Prior to 3/1/07</u>	<u>Parcels Annexed to District after 3/1/07</u>
5/8" & 1"	\$5,255.00	\$10,029.00	\$13,450.00
3/4" & 1"	5,292.00	14,442.00	19,369.00

Service Line Installation Cost (additional cost above the meter installation):

\$60 per foot of 1 1/2" service line installed

**NOTE**

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

SCHEDULE OF RATES AND CHARGES  
BY NEVADA IRRIGATION DISTRICT

SCHEDULE 4-A  
EFFECTIVE JANUARY 1, 2017

**CAPACITY FEES: COMMERCIAL, INDUSTRIAL, AND MUNICIPAL METERS,  
AND MULTIUNIT MASTER METERS**

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:

<u>Approved Master Meter Capacity by developers engineer is</u>	<u>6250 gpd</u>
<u>Equivalent ERU Calculation</u>	<u>6250 gpd/1250 gal per ERU = 5 ERU</u>
<u>Capacity Fee Calculation</u>	<u>5 ERU X \$9,516 / ERU = \$47,580 for capacity fees</u>

**ABANDONMENT OF AN EXISTING SERVICE**

Customer requesting new meter installation at a location other than existing box and curb stop will be charged an abandonment fee of \$361.40. 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 accounts serving lands outside the District (amount rounded to the nearest dollar.)