

## Service Installation Charge

**10.0 Service Installation Charge:** The service installation charge reimburses the District for the installation of a service line and/or water meter for new customers. The service installation charge shall be calculated on, but not be limited to, the installation of a meter; pressure reducing valve; meter box; service line lateral to the water main and related materials; permits; equipment; labor; and engineering.

**10.1. Customer Classifications:**

**10.1.1. Residential - 5/8" and 3/4" Meter (Development):** Where the service line lateral has been installed by the developer and the District will install the meter.

**10.1.2. Residential - 5/8", 3/4", and 1" Meter:** Where the District will install the service line lateral and meter.

**10.1.3. Nonresidential, Irrigation, and Wholesale Meter:** Where the District will install the service line lateral and meter.

**10.1.4. Construction Agreement Meter:** Where the service line lateral, meter, and related materials are completely installed through a "Construction Agreement".

**10.2. Cost Components:**

**10.2.1. Residential – 5/8" and 3/4" Meter (Development):** The service installation charge shall be a standard set charge as listed in the table below.

Residential - 5/8" and 3/4" Meter (Development)			
Meter Size	2009 Charge	2010 Charge	Adjustment
5/8" Development	\$500.00	\$500.00	0.00%
3/4" Development	\$550.00	\$550.00	0.00%

**10.2.2. Residential – 5/8", 3/4", and 1" Meter:** The service installation charge shall be a standard set charge as listed in the following table.

Residential - 5/8", 3/4", and 1" Meter			
Meter Size	2009 Charge	2010 Charge	Adjustment
5/8"	\$2,250.00	\$2,250.00	0.00%
3/4"	\$2,275.00	\$2,275.00	0.00%
1"	\$2,225.00	\$2,325.00	4.49%

**10.2.3. Nonresidential, Irrigation, and Wholesale Meter:** The service installation charge shall be the actual cost of time and materials required for the installation, plus 20-percent to cover the District's overhead. The minimum charge for service installation shall be as listed in the table below.

Nonresidential, Irrigation, and Wholesale Meter			
Meter Size	2009 Charge	2010 Charge	Adjustment
5/8"	\$2,250.00	\$2,250.00	0.00%
3/4"	\$2,275.00	\$2,275.00	0.00%
1"	\$2,225.00	\$2,325.00	4.49%
1 1/2"	\$3,975.00	\$5,000.00	25.79%
2"	\$4,525.00	\$5,800.00	28.18%
3"	\$17,800.00	\$17,100.00	-3.93%
4"	\$22,375.00	\$21,675.00	-3.13%
6"	\$26,750.00	\$25,250.00	-5.61%
8"	\$33,725.00	\$32,600.00	-3.34%

- 10.2.4. Construction Agreement Meter:** There shall not be a service installation charge when the service line and water meter are installed as part of a "construction agreement".
- 10.3. Increased Demand:** Whenever a property owner requests an exchange of a meter of one size for a meter of a larger size, the property owner shall pay the service installation charge for the new meter and receive a credit for all materials returned to inventory. Materials returned to inventory shall be valued at a depreciated rate.
- 10.4. Decreased Demand:** Whenever a property owner requests an exchange of a meter of one size for a meter of a smaller size, the property owner shall pay a deposit of \$500.00 for 5/8-inch, 3/4-inch, and 1-inch meters and \$1,500.00 for 1-1/2-inch and 2-inch meters. Meters greater than 2-inch in size shall pay a deposit based upon the General Managers estimate. The property owner will receive a refund from the deposit and a credit for all materials returned to inventory. Materials returned to inventory shall be valued at a depreciated rate. However, if the total cost exceeds the deposit and the value of the material returned to inventory, the property owner shall be charged accordingly.

**10.5. Meter Installation Cost Estimates:**

**10.5.1.**

<b>5/8" Meter Installation - Development</b>			
<b>Description</b>	<b>Qty</b>	<b>Unit Cost</b>	<b>Total</b>
5/8" Water Meter	1	\$51.25	\$51.25
3/4" Gaskets	2	\$0.15	\$0.30
3/4" Angle Meter Check	1	\$19.40	\$19.40
3/4" x 8" Brass Nipple	1	\$16.60	\$16.60
3/4" S - Tube	1	\$29.45	\$29.45
3/4" S - Tube Adapter	2	\$7.75	\$15.50
3/4" Pressure Reducing Valve	1	\$65.71	\$65.71
1" x 3/4" Brass Ell, 90	1	\$12.12	\$12.12
1" PVC Plug	1	\$1.38	\$1.38
#1D Meter Box	1	\$42.80	\$42.80
Material Total			\$254.51
Sales Tax		8.60%	\$21.89
Permits			\$0.00
Labor	3	\$30.00	\$90.00
Engineering	1	\$32.00	\$32.00
Subtotal			\$398.40
Overhead & Contingencies		20.00%	\$79.68
Service Tax		1.50%	\$5.98
Total			\$484.05

**10.5.2.**

<b>3/4" Meter Installation - Development</b>			
<b>Description</b>	<b>Qty</b>	<b>Unit Cost</b>	<b>Total</b>
3/4" Water Meter	1	\$77.40	\$77.40
3/4" Gaskets	2	\$0.15	\$0.30
3/4" Angle Meter Check	1	\$19.40	\$19.40
3/4" x 8" Brass Nipple	1	\$16.60	\$16.60
3/4" S - Tube	1	\$29.45	\$29.45
3/4" S - Tube Adapter	2	\$7.75	\$15.50
3/4" Pressure Reducing Valve	1	\$65.71	\$65.71
1" x 3/4" Brass Ell, 90	1	\$12.12	\$12.12
1" PVC Plug	1	\$1.38	\$1.38
#1D Meter Box	1	\$42.80	\$42.80
Material Total			\$280.66
Sales Tax		8.60%	\$24.14
Permits			\$0.00
Labor	3	\$30.00	\$90.00
Engineering	1	\$32.00	\$32.00
Subtotal			\$426.80
Overhead & Contingencies		20.00%	\$85.36
Service Tax		1.50%	\$6.40
Total			\$518.56

10.5.3.

5/8" Meter Installation			
Description	Qty	Unit Cost	Total
5/8" Water Meter	1	\$51.25	\$51.25
3/4" Gaskets	2	\$0.15	\$0.30
3/4" Angle Meter Check	1	\$19.40	\$19.40
3/4" x 8" Brass Nipple	1	\$16.60	\$16.60
3/4" S -Tube	1	\$29.45	\$29.45
3/4" S - Tube Adapter	2	\$7.75	\$15.50
3/4" Pressure Reducing Valve	1	\$65.71	\$65.71
1" x 3/4" Brass Ell, 90	1	\$12.12	\$12.12
1" PVC Plug	1	\$1.38	\$1.38
#1D Meter Box	1	\$42.80	\$42.80
8" x 1" Saddle	1	\$35.74	\$35.74
1" Corp Stop, IP x FR	1	\$26.87	\$26.87
1" CTS Poly Pipe, 200 PSI	40	\$0.56	\$22.40
1" x 3/4" Angle Meter Valve, FR	1	\$23.42	\$23.42
14 Gauge Tracing Wire	45	\$0.11	\$4.95
Material Total			\$367.89
Sales Tax		8.60%	\$31.64
Permits	1	\$250.00	\$250.00
Equipment	1	\$400.00	\$400.00
Labor	24	\$30.00	\$720.00
Engineering	2	\$32.00	\$64.00
Subtotal			\$1,833.53
Overhead & Contingencies		20.00%	\$366.71
Service Tax		1.50%	\$27.50
Total			\$2,227.74

10.5.4.

3/4" Meter Installation			
Description	Qty	Unit Cost	Total
3/4" Water Meter	1	\$77.40	\$77.40
3/4" Gaskets	2	\$0.15	\$0.30
3/4" Angle Meter Check	1	\$19.40	\$19.40
3/4" x 8" Brass Nipple	1	\$16.60	\$16.60
3/4" S - Tube	1	\$29.45	\$29.45
3/4" S - Tube Adapter	2	\$7.75	\$15.50
3/4" Pressure Reducing Valve	1	\$65.71	\$65.71
1" x 3/4" Brass Ell, 90	1	\$12.12	\$12.12
1" PVC Plug	1	\$1.38	\$1.38
#1D Meter Box	1	\$42.80	\$42.80
8" x 1" Saddle	1	\$35.74	\$35.74
1" Corp Stop, IP x FR	1	\$26.87	\$26.87
1" CTS Poly Pipe, 200 PSI	40	\$0.56	\$22.40
1 x 3/4" Angle Meter Valve, FR	1	\$23.42	\$23.42
14 Gauge Tracing Wire	45	\$0.11	\$4.95
Material Total			\$394.04
Sales Tax		8.60%	\$33.89
Permits	1	\$250.00	\$250.00
Equipment	1	\$400.00	\$400.00
Labor	24	\$30.00	\$720.00
Engineering	2	\$32.00	\$64.00
Subtotal			\$1,861.93
Overhead & Contingencies		20.00%	\$372.39
Service Tax		1.50%	\$27.93
Total			\$2,262.24

10.5.5.

1" Meter Installation			
Description	Qty	Unit Cost	Total
1" Water Meter	1	\$112.95	\$112.95
1" Gaskets	2	\$0.15	\$0.30
1" Angle Meter Check	1	\$25.56	\$25.56
1" x 3" Brass Nipple	2	\$3.58	\$7.16
1" Pressure Reducing Valve	1	\$95.48	\$95.48
1" Brass Ell, 90	1	\$3.96	\$3.96
1" PVC Plug	1	\$1.38	\$1.38
#1B 9-1/2T Meter Box	1	\$30.79	\$30.79
8" x 1" Saddle	1	\$35.74	\$35.74
1" Corp Stop, IP x FR	1	\$26.87	\$26.87
1" CTS Poly Pipe, 200 PSI	40	\$0.56	\$22.40
1" Angle Meter Valve, FR	1	\$58.74	\$58.74
14 Gauge Tracing Wire	45	\$0.11	\$4.83
Material Total			\$426.15
Sales Tax		8.60%	\$36.65
Permits	1	\$250.00	\$250.00
Equipment	1	\$400.00	\$400.00
Labor	24	\$30.00	\$720.00
Engineering	2	\$32.00	\$64.00
Subtotal			\$1,896.80
Overhead & Contingencies		20.00%	\$379.36
Service Tax		1.50%	\$28.45
Total			\$2,304.62

10.5.6.

1-1/2" Meter Installation			
Description	Qty	Unit Cost	Total
1 1/2" Water Meter	1	\$1,092.00	\$1,092.00
8" x 1 1/2" Saddle	1	\$67.72	\$67.72
1 1/2" Ball Corp	1	\$67.56	\$67.56
1 1/2" Adapter, MIP x CP	2	\$25.11	\$50.22
1 1/2" S/S Insert	2	\$1.50	\$3.00
1 1/2" CTS Poly Pipe, 200 PSI	40	\$1.11	\$44.40
1 1/2" Meter Setter	1	\$489.86	\$489.86
1 1/2" Meter Gasket Set	2	\$5.00	\$10.00
1 1/2" x 6" Brass Nipple	2	\$12.09	\$24.18
1 1/2" Brass Ell, 90	1	\$7.86	\$7.86
1 1/2" Pressure Reducing Valve	1	\$257.55	\$257.55
1 1/2" PVC Plug	1	\$1.52	\$1.52
#2 Meter Box	1	\$292.07	\$292.07
#1D Meter Box	1	\$42.80	\$42.80
14 Gauge Tracing Wire	45	\$0.11	\$4.83
Material Total			\$2,455.56
Sales Tax		8.60%	\$211.18
Permits	1	\$250.00	\$250.00
Equipment	1	\$400.00	\$400.00
Labor	24	\$30.00	\$720.00
Engineering	2	\$32.00	\$64.00
Subtotal			\$4,100.74
Overhead & Contingencies		20.00%	\$820.15
Service Tax		1.50%	\$61.51
Total			\$4,982.40

10.5.7.

2" Meter Installation			
Description	Qty	Unit Cost	Total
2" Water Meter	1	\$1,260.00	\$1,260.00
8" x 2" Saddle	1	\$67.72	\$67.72
2" Ball Corp	1	\$115.21	\$115.21
2" Adapter, MIP x CP	2	\$36.40	\$72.80
2" S/S Insert	2	\$1.50	\$3.00
2" CTS Poly Pipe, 200 PSI	40	\$1.89	\$75.60
2" Meter Setter	1	\$755.49	\$755.49
2" Meter Gasket Set	2	\$5.00	\$10.00
2" x 6" Brass Nipple	2	\$15.54	\$31.08
2" Brass Ell, 90	1	\$12.80	\$12.80
2" Pressure Reducing Valve	1	\$309.17	\$309.17
2" PVC Plug	1	\$3.82	\$3.82
#2 Meter Box	1	\$292.07	\$292.07
#1D Meter Box	1	\$42.80	\$42.80
14 Gauge Tracing Wire	45	\$0.11	\$4.83
Material Total			\$3,056.39
Sales Tax		8.60%	\$262.85
Permits	1	\$250.00	\$250.00
Equipment	1	\$400.00	\$400.00
Labor	24	\$30.00	\$720.00
Engineering	2	\$32.00	\$64.00
Subtotal			\$4,753.24
Overhead & Contingencies		20.00%	\$950.65
Service Tax		1.50%	\$71.30
Total			\$5,775.18

10.5.8.

3" Meter Installation			
Description	Qty	Unit Cost	Total
3" Water Meter	1	\$1,700.00	\$1,700.00
3" x 12" DI Spool, F x PE	1	\$117.45	\$117.45
3" Flanged Coupling Adapter	1	\$100.89	\$100.89
3" Gate Valve, F x F	2	\$333.22	\$666.44
3" Check Valve, F x F	2	\$180.00	\$360.00
3" Tee, F x F	2	\$81.68	\$163.36
3" DI Bend, 90 F x F	2	\$44.21	\$88.42
3" x 36" DI Spool, F x PE	2	\$203.94	\$407.88
3" Solid Sleeve	2	\$36.21	\$72.42
3" Mega Lug	2	\$18.56	\$37.12
3" Bypass Valve	1	\$335.79	\$335.79
3" x 48" Wall Pipe, F x PE	2	\$213.43	\$426.86
Meter Vault	1	\$2,742.22	\$2,742.22
4" Floor Drain	1	\$205.77	\$205.77
3" DI Pipe, CL 52	18	\$20.95	\$377.10
8" x 3" SST Tapping Sleeve	1	\$640.59	\$640.59
Valve Box Assembly	1	\$68.64	\$68.64
14 Gauge Tracing Wire	25	\$0.11	\$2.68
Material Total			\$8,513.64
Sales Tax		8.60%	\$732.17
Permits	1	\$250.00	\$250.00
Equipment	3	\$400.00	\$1,200.00
Labor	108	\$30.00	\$3,240.00
Engineering	4	\$32.00	\$128.00
Subtotal			\$14,063.81
Overhead & Contingencies		20.00%	\$2,812.76
Service Tax		1.50%	\$210.96
Total			\$17,087.53

10.5.9.

4" Meter Installation			
Description	Qty	Unit Cost	Total
4" Water Meter	1	\$2,925.00	\$2,925.00
4" x 12" DI Spool, F x PE	1	\$117.45	\$117.45
4" Flanged Coupling Adapter	1	\$132.94	\$132.94
4" Gate Valve, F x F	2	\$372.39	\$744.78
4" Check Valve, F x F	2	\$261.60	\$523.20
4" Tee, F x F	2	\$123.37	\$246.74
4" DI Bend, 90 F x F	2	\$85.47	\$170.94
4" x 36" DI Spool, F x PE	2	\$203.94	\$407.88
4" Solid Sleeve	1	\$41.68	\$41.68
4" Mega Lug	2	\$21.48	\$42.96
4" Bypass Valve	1	\$503.76	\$503.76
4" x 48" Wall Pipe, F x PE	2	\$213.43	\$426.86
Meter Vault	1	\$4,517.46	\$4,517.46
4" Floor Drain	1	\$205.77	\$205.77
4" DI Pipe, CL 52	18	\$16.03	\$288.54
8" x 4" SST Tapping Sleeve	1	\$609.19	\$609.19
Valve Box Assembly	1	\$68.64	\$68.64
14 Gauge Tracing Wire	25	\$0.11	\$2.68
Material Total			\$11,976.46
Sales Tax		8.60%	\$1,029.98
Permits	1	\$250.00	\$250.00
Equipment	3	\$400.00	\$1,200.00
Labor	108	\$30.00	\$3,240.00
Engineering	4	\$32.00	\$128.00
Subtotal			\$17,824.44
Overhead & Contingencies		20.00%	\$3,564.89
Service Tax		1.50%	\$267.37
Total			\$21,656.69

10.5.10.

6" Meter Installation			
Description	Qty	Unit Cost	Total
6" Water Meter	1	\$5,030.00	\$5,030.00
6" x 12" DI Spool, F x PE	1	\$138.39	\$138.39
6" Flanged Coupling Adapter	1	\$169.58	\$169.58
6" Gate Valve, F x F	2	\$497.59	\$995.18
6" Check Valve, F x F	1	\$576.00	\$576.00
6" x 4" Tee, F x F	2	\$161.26	\$322.52
4" DI Bend, 90 F x F	2	\$85.47	\$170.94
4" x 36" DI Spool, F x PE	2	\$203.94	\$407.88
4" Solid Sleeve	1	\$41.68	\$41.68
4" Mega Lug	2	\$21.48	\$42.96
4" Bypass Valve	1	\$503.76	\$503.76
4" Check Valve, F x F	1	\$261.60	\$261.60
6" x 48" Wall Pipe, F x PE	2	\$241.79	\$483.58
Meter Vault	1	\$4,517.46	\$4,517.46
4" Floor Drain	1	\$16.03	\$16.03
6" DI Pipe, CL 50	18	\$15.19	\$273.42
8" x 6" SST Tapping Sleeve	1	\$659.08	\$659.08
Valve Box Assembly	1	\$68.64	\$68.64
14 Gauge Tracing Wire	25	\$0.11	\$2.68
Material Total			\$14,681.38
Sales Tax		8.60%	\$1,262.60
Permits	1	\$250.00	\$250.00
Equipment	3	\$400.00	\$1,200.00
Labor	108	\$30.00	\$3,240.00
Engineering	4	\$32.00	\$128.00
Subtotal			\$20,761.98
Overhead & Contingencies		20.00%	\$4,152.40
Service Tax		1.50%	\$311.43
Total			\$25,225.80

10.5.11.

8" Meter Installation			
Description	Qty	Unit Cost	Total
8" Water Meter	1	\$9,139.25	\$9,139.25
8" x 12" DI Spool, F x PE	1	\$199.39	\$199.39
8" Flanged Coupling Adapter	1	\$233.10	\$233.10
8" Gate Valve, F x F	2	\$778.16	\$1,556.32
8" Check Valve, F x F	1	\$764.00	\$764.00
8" x 4" Tee, F x F	2	\$250.53	\$501.06
4" DI Bend, 90 F x F	2	\$85.47	\$170.94
4" x 36" DI Spool, F x PE	2	\$203.94	\$407.88
4" Solid Sleeve	1	\$41.68	\$41.68
4" Mega Lug	2	\$21.48	\$42.96
4" Bypass Valve	1	\$503.76	\$503.76
4" Check Valve, F x F	1	\$261.60	\$261.60
8" x 48" Wall Pipe, F x PE	2	\$331.34	\$662.68
Meter Vault	1	\$4,517.46	\$4,517.46
4" Floor Drain	1	\$15.19	\$15.19
8" DI Pipe, CL 50	18	\$20.84	\$375.12
8" x 8" SST Tapping Sleeve	1	\$806.13	\$806.13
Valve Box Assembly	1	\$68.64	\$68.64
14 Gauge Tracing Wire	25	\$0.11	\$2.68
Material Total			\$20,269.83
Sales Tax		8.60%	\$1,743.21
Permits	1	\$250.00	\$250.00
Equipment	3	\$400.00	\$1,200.00
Labor	108	\$30.00	\$3,240.00
Engineering	4	\$32.00	\$128.00
Subtotal			\$26,831.04
Overhead & Contingencies		20.00%	\$5,366.21
Service Tax		1.50%	\$402.47
Total			\$32,599.71