

CURRENT BILLING ANALYSIS - 2022 USAGE & PROPOSED RATES
Simpson County Water District

	Gallons	BA
5/8-Inch Meter	187,440,901	1,555,229.92
1-Inch Meter	24,289,127	175,052.97
1 1/2-Inch Meter	9,350,599	61,428.10
2-Inch Meter	51,624,213	315,342.96
3-Inch Meter	2,983,300	19,535.64
4-Inch Meter	27,592,713	180,162.10
6-Inch Meter	13,814,539	145,961.37
8-Inch Meter	36,877,196	227,605.10
Totals	353,972,588	2,680,318.16
Less: Negative Usage	(2,222,445)	(12,067.28)
less: Min. Bill.		(2,765.25)
Adjusted Total	351,750,143	2,665,485.63
Less: 2022 Revenues from Water Sales	(351,750,143)	(2,518,486.65)
Differences	0	146,998.98

Private Fire Protection		
4-Inch		1,349.31
6-Inch		1,274.43
Totals		2,623.74
Less: Negative Usage		(571.84)
less: Min. Bill.		0.00
Adjusted Total		2,051.90
Less: 2022 Fire Protection Revenues		(41,703.00)
Differences		(39,651.10)

5/8-Inch Meter

	Bills	Gallons	2,000	8,000	190,000	400,000	600,000	Totals	
First	2,000	11,392	10,345,731	10,345,731				10,345,731	
Next	8,000	26,113	116,419,692	52,226,000	64,193,692			116,419,692	
Next	190,000	3,105	59,741,624	6,210,000	24,840,000	28,691,624		59,741,624	
Next	400,000	4	933,854	8,000	32,000	760,000	133,854	933,854	
Over	600,000	0	0	0	0	0	0	0	
		40,614	187,440,901	68,789,731	89,065,692	29,451,624	133,854	0	187,440,901

First	2,000	Gallons	40,614	68,789,731	\$ 18.88	Min. Bill	766,792
Next	8,000	Gallons		89,065,692	0.00682	per Gallon	607,428
Next	190,000	Gallons		29,451,624	0.00612	per Gallon	180,244
Next	400,000	Gallons		133,854	0.00572	per Gallon	766
Over	600,000	Gallons		0	0.00424	per Gallon	0.00
Total Billing Analysis 5/8-Inch Meter			40,614	187,440,901			1,555,229.92

1-Inch Meter:

	Bills	Gallons	5,000	5,000	190,000	400,000	600,000	Totals	
First	5,000	594	979,889	979,889				979,889	
Next	5,000	226	1,661,878	1,130,000	531,878			1,661,878	
Next	190,000	439	14,938,510	2,195,000	2,195,000	10,548,510		14,938,510	
Next	400,000	27	6,708,850	135,000	135,000	5,130,000	1,308,850	6,708,850	
Over	600,000	0	0	0	0	0	0	0	
		1,286	24,289,127	4,439,889	2,861,878	15,678,510	1,308,850	0	24,289,127

First	5,000	Gallons	1,286	4,439,889	\$ 40.51	Min. Bill	52,096
Next	5,000	Gallons		2,861,878	0.00682	per Gallon	19,518
Next	190,000	Gallons		15,678,510	0.00612	per Gallon	95,952
Next	400,000	Gallons		1,308,850	0.00572	per Gallon	7,487
Over	600,000	Gallons		0	0.00424	per Gallon	0.00
Total Billing Analysis 1-Inch Meter			1,286	24,289,127			175,052.97

1.5-Inch Meter

	Bills	Gallons	10,000	190,000	400,000	600,000	Totals	
First	10,000	Gallons	38	96,089	96,089		96,089	
Next	190,000	Gallons	95	5,370,765	950,000	4,420,765	5,370,765	
Next	400,000	Gallons	13	3,883,745	130,000	2,470,000	1,283,745	
Over	600,000	Gallons	0	0	0	0	0	
		146	9,350,599	1,176,089	6,890,765	1,283,745	0	9,350,599

First	10,000	Gallons	146	1,176,089	\$ 81.60	Min. Bill	11,914
Next	190,000	Gallons		6,890,765	0.00612	per Gallon	42,171
Next	400,000	Gallons		1,283,745	0.00572	per Gallon	7,343
Over	600,000	Gallons		0	0.00424	per Gallon	0.00
Total Billing Analysis 5/8-Inch Meter			146	9,350,599			61,428.10

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2-inch Meter

		Bills	Gallons	16,000	184,000	400,000	600,000	Totals
First	16,000	98	227,752	227,752				227,752
Next	184,000	314	18,818,275	5,024,000	13,794,275			18,818,275
Next	400,000	30	9,822,057	480,000	5,520,000	3,822,057		9,822,057
Over	600,000	26	22,756,129	416,000	4,784,000	10,400,000	7,156,129	22,756,129
		<u>468</u>	<u>51,624,213</u>	<u>6,147,752</u>	<u>24,098,275</u>	<u>14,222,057</u>	<u>7,156,129</u>	<u>51,624,213</u>

First	16,000	Gallons	468	6,147,752	\$	120.02	Min. Bill	56,169
Next	184,000	Gallons		24,098,275		0.00612	per Gallon	147,481
Next	400,000	Gallons		14,222,057		0.00572	per Gallon	81,350
Over	600,000	Gallons		7,156,129		0.00424	per Gallon	30,341.99
Total Billing Analysis 5/8-Inch Meter			<u>468</u>	<u>51,624,213</u>				<u>315,342.96</u>

3-inch Meter

		Bills	Gallons	30,000	170,000	400,000	600,000	Totals	
First	30,000	0	0	0				0	0.00
Next	170,000	23	2,773,900	690,000	2,083,900			2,773,900	2,399,900.00
Next	400,000	1	209,400	30,000	170,000	9,400		209,400	2,983,300.00
Over	600,000	0	0	0	0	0	0	0	0.00
		<u>24</u>	<u>2,983,300</u>	<u>720,000</u>	<u>2,253,900</u>	<u>9,400</u>	<u>0</u>	<u>2,983,300</u>	<u>5,383,200.00</u>

First	30,000	Gallons	24	720,000	\$	237.00	Min. Bill	5,688
Next	170,000	Gallons		2,253,900		0.00612	per Gallon	13,794
Next	400,000	Gallons		9,400		0.00572	per Gallon	54
Over	600,000	Gallons		0		0.00424	per Gallon	0.00
Total Billing Analysis 5/8-Inch Meter			<u>24</u>	<u>2,983,300</u>				<u>19,535.64</u>

4-inch Meter

		Bills	Gallons	50,000	150,000	400,000	600,000	Totals
First	50,000	87	1,309,623	1,309,623				1,309,623
Next	150,000	33	3,138,767	1,650,000	1,488,767			3,138,767
Next	400,000	27	10,766,326	1,350,000	4,050,000	5,366,326		10,766,326
Over	600,000	9	12,377,997	450,000	1,350,000	3,600,000	6,977,997	12,377,997
		<u>156</u>	<u>27,592,713</u>	<u>4,759,623</u>	<u>6,888,767</u>	<u>8,966,326</u>	<u>6,977,997</u>	<u>27,592,713</u>

First	50,000	Gallons	156	4,759,623	\$	366.21	Min. Bill	57,128.76
Next	150,000	Gallons		6,888,767		0.00612	per Gallon	42,159.25
Next	400,000	Gallons		8,966,326		0.00572	per Gallon	51,287.38
Over	600,000	Gallons		6,977,997		0.00424	per Gallon	29,586.71
Total Billing Analysis 5/8-Inch Meter			<u>156</u>	<u>27,592,713</u>				<u>180,162.10</u>

6-inch Meter

		Bills	Gallons	100,000	100,000	400,000	600,000	Totals
First	100,000	102	1,419,113	1,419,113				1,419,113
Next	100,000	8	1,052,026	800,000	252,026			1,052,026
Next	400,000	33	9,755,400	3,300,000	3,300,000	3,155,400		9,755,400
Over	600,000	1	1,588,000	100,000	100,000	400,000	988,000	1,588,000
		<u>144</u>	<u>13,814,539</u>	<u>5,619,113</u>	<u>3,652,026</u>	<u>3,555,400</u>	<u>988,000</u>	<u>13,814,539</u>

First	100,000	Gallons	144	5,619,113	\$	688.09	Min. Bill	99,084.96
Next	100,000	Gallons		3,652,026		0.00612	per Gallon	22,350.40
Next	400,000	Gallons		3,555,400		0.00572	per Gallon	20,336.89
Over	600,000	Gallons		988,000		0.00424	per Gallon	4,189.12
Total Billing Analysis 5/8-Inch Meter			<u>144</u>	<u>13,814,539</u>				<u>145,961.37</u>

8-inch Meter

		Bills	Gallons	160,000	40,000	400,000	600,000	Totals
First	160,000	41	2,455,700	2,455,700				2,455,700
Next	40,000	2	337,600	320,000	17,600			337,600
Next	400,000	19	6,590,075	3,040,000	760,000	2,790,075		6,590,075
Over	600,000	22	27,493,821	3,520,000	880,000	8,800,000	14,293,821	27,493,821
		<u>84</u>	<u>36,877,196</u>	<u>9,335,700</u>	<u>1,657,600</u>	<u>11,590,075</u>	<u>14,293,821</u>	<u>36,877,196</u>

First	160,000	Gallons	84	9,335,700	\$	1,078.09	Min. Bill	90,559.56
Next	40,000	Gallons		1,657,600		0.00612	per Gallon	10,144.51
Next	400,000	Gallons		11,590,075		0.00572	per Gallon	66,295.23
Over	600,000	Gallons		14,293,821		0.00424	per Gallon	60,605.80
Total Billing Analysis 5/8-Inch Meter			<u>84</u>	<u>36,877,196</u>				<u>227,605.10</u>

6-inch FD

Rates Authorized on January 1, 2023 in Case No. 2022-00390 (PWA):

Total Billing Analysis 5/8-Inch Meter	123	\$	10.97	Min. Bill	<u>1,349.31</u>
Less: Negative Usage	123				1,349.31
less: Min. Bill.					(571.84)
Billing Analysis Total					<u>777.47</u>

6-inch FD

Rates Authorized on January 1, 2023 in Case No. 2022-00390 (PWA):

Total Billing Analysis 5/8-Inch Meter	69	\$	18.47	Min. Bill	<u>1,274.43</u>
Less: Negative Usage	69				1,274.43
less: Min. Bill.					0.00
Billing Analysis Total					<u>1,274.43</u>