

**Bproposed Billing Analysis - 2022 Usage & Proposed Water Rates
Cannonsburg Water District**

SUMMARY

Meter Size	# of Bills	Gallons Sold	Revenue
5/8-Inch x 3/4_Inch Meter	40,393	136,623,392	\$ 1,949,677.25
5/8-Inch x 3/4_Inch Meter Greenup	1,428	5,177,400	71,927.58
1-Inch Meter	1,067	8,278,744	117,134.70
2-Inch Meter	60	659,300	16,360.67
3-Inch Meter	573	30,994,477	331,333.46
6-Inch Meter	7	50,083,900	160,492.65
12-Inch Meter 12-Inch Meter	12	46,800	11,403.72
Wholesale Wholesale	2	49,252,570	264,486.30
Total Billed Revenue	43,542	281,116,583	2,922,816.33
Less Adjustments - Residential			
Net Revenue Proposed Water Rates			2,922,816
Revenue Water Sales - Normalized			(2,503,319)
Total adjustment			\$ 419,498

Rate Check Calculation:

Revenue Water Sales - Proposed Rates	2,922,816.33
Less: Normalized Revenue Water Sales	(2,921,858.00)
Difference	958.33

Meter Size 3/4-Inch x 5/8-Inch Meter

	Usage	Bills	Gallons	First 2,000	Next 3,000	Next 15,000	Next 30,000	50,000	Over 100,000	Total
First	2,000	13,076	13,178,707	13,178,707	-	-	-	-	-	13,178,707
Next	3,000	8,889	21,834,100	17,778,000	4,056,100	-	-	-	-	21,834,100
Next	15,000	17,974	90,670,485	35,948,000	53,922,000	800,485	-	-	-	90,670,485
Next	30,000	439	8,782,400	878,000	1,317,000	6,585,000	2,400	-	-	8,782,400
Next	50,000	11	783,100	22,000	33,000	165,000	330,000	233,100	-	783,100
Over	100,000	4	1,374,600	8,000	12,000	60,000	120,000	200,000	974,600	1,374,600
TOTALS	40,393	40,393	136,623,392	67,812,707	59,340,100	7,610,485	452,400	433,100	974,600	136,623,392

REVENUE BY RATE INCREMENT

	Bills	Gallons	Rate	Revenue	TIER Income	Difference
First	2,000	67,812,707	\$ 29.58 Min. Bill	\$ 1,994,824.94	\$ 75,757.29	\$ (1,119,067.65)
Next	3,000	59,340,100	\$ 0.011140 per Gallon	661,048.71	95,787.70	(565,261.01)
Next	15,000	7,610,485	\$ 0.010240 per Gallon	77,931.37	208,331.01	130,399.64
Next	30,000	452,400	\$ 0.009440 per Gallon	4,270.66	353,338.28	349,067.62
Next	50,000	433,100	\$ 0.009010 per Gallon	3,902.23	1,184,208.39	1,180,306.16
Over	100,000	974,600	\$ 0.007900 per Gallon	7,699.34	2,752,268.19	2,744,568.85
TOTAL	40,393	136,623,392		\$ 1,949,677.25	\$ 4,669,690.86	\$ 2,720,013.61

Meter Size 3/4-Inch x 5/8-Inch Meter- Greenup

	Usage	Bills	Gallons	First 2,000	Next 3,000	Next 15,000	Next 30,000	50,000	Over 100,000	Total
First	2,000	455	482,400	482,400	-	-	-	-	-	482,400
Next	3,000	300	727,100	600,000	127,100	-	-	-	-	727,100
Next	15,000	647	3,202,700	1,294,000	1,941,000	(32,300)	-	-	-	3,202,700
Next	30,000	24	493,400	48,000	72,000	360,000	13,400	-	-	493,400
Next	50,000	1	60,200	2,000	3,000	15,000	30,000	10,200	-	60,200
Over	100,000	1	211,600	2,000	3,000	15,000	30,000	50,000	111,600	211,600
TOTALS	1,428	1,428	5,177,400	2,428,400	2,146,100	357,700	73,400	60,200	111,600	5,177,400

REVENUE BY RATE INCREMENT

	Bills	Gallons	Rate	Revenue
First	2,000	1,428	2,428,400 \$ 29.58 Min. Bill	\$ 42,240.24
Next	3,000	2,146,100	\$ 0.011140 per Gallon	23,907.55
Next	15,000	357,700	\$ 0.010240 per Gallon	3,662.85
Next	30,000	73,400	\$ 0.009440 per Gallon	692.90
Next	50,000	60,200	\$ 0.009010 per Gallon	542.40
Over	100,000	111,600	\$ 0.007900 per Gallon	881.64
TOTAL	1,428	5,177,400		\$ 71,927.58

Meter Size 1-Inch Meter

	Usage	Bills	Gallons	First 5,000	Next 15,000	Next 30,000	Next 50,000	Over 100,000	Total
First	5,000	634	1,127,044	1,127,044	-	-	-	-	1,127,044
Next	15,000	369	4,538,900	1,845,000	2,693,900	-	-	-	4,538,900
Next	30,000	55	2,031,800	275,000	825,000	931,800	-	-	2,031,800
Next	50,000	8	465,800	40,000	120,000	240,000	65,800	-	465,800
Over	100,000	1	115,200	5,000	15,000	30,000	50,000	15,200	115,200
TOTALS	1,067	1,067	8,278,744	3,292,044	3,653,900	1,201,800	115,800	15,200	8,278,744

REVENUE BY RATE INCREMENT

	Bills	Gallons	Rate	Revenue
First	5,000	1,067	3,292,044 \$ 62.99 Min. Bill	\$ 67,210.33
Next	15,000	3,653,900	\$ 0.01024 per Gallon	37,415.94
Next	30,000	1,201,800	\$ 0.00944 per Gallon	11,344.99
Next	50,000	115,800	\$ 0.00901 per Gallon	1,043.36
Over	100,000	15,200	\$ 0.00790 per Gallon	120.08
TOTAL	1,067	8,278,744		\$ 117,134.70

Meter Size 2-Inch Meter

	Usage	Bills	Gallons	First 20,000	Next 30,000	Next 50,000	Over 100,000	
First	20,000	52	197,900	197,900	-	-	-	197,900
Next	30,000	4	113,800	8,000	105,800	-	-	113,800
Next	50,000	3	236,000	60,000	9,000	167,000	-	236,000
Over	100,000	1	111,600	20,000	30,000	15,000	46,600	111,600
TOTALS		60	659,300	285,900	144,800	182,000	46,600	659,300

REVENUE BY RATE INCREMENT

	Bills	Gallons	Rate	Revenue
First	20,000	60	285,900 \$ 216.43 Min. Bill	\$ 12,985.80
Next	30,000		144,800 \$ 0.00944 per Gallon	1,366.91
Next	50,000		182,000 \$ 0.00901 per Gallon	1,639.82
Over	100,000		46,600 \$ 0.00790 per Gallon	368.14
TOTAL		659,300		\$ 16,360.67

Meter Size 3-Inch Meter

	Usage	Bills	Gallons	First 20,000	Next 30,000	Next 50,000	Over 100,000	
First	20,000	311	1,697,377	1,697,377	-	-	-	1,697,377
Next	30,000	93	3,001,700	1,860,000	1,141,700	-	-	3,001,700
Next	50,000	53	3,788,700	1,060,000	1,590,000	1,138,700	-	3,788,700
Over	100,000	116	22,506,700	2,320,000	3,480,000	5,800,000	10,906,700	22,506,700
TOTALS		573	30,994,477	6,937,377	6,211,700	6,938,700	10,906,700	30,994,477

REVENUE BY RATE INCREMENT

	Bills	Gallons	Rate	Revenue
First	20,000	573	6,937,377 \$ 216.43 Min. Bill	\$ 124,014.39
Next	30,000		6,211,700 \$ 0.00944 per Gallon	58,638.45
Next	50,000		6,938,700 \$ 0.00901 per Gallon	62,517.69
Over	100,000		10,906,700 \$ 0.00790 per Gallon	86,162.93
TOTAL		30,994,477		\$ 331,333.46

Meter Size 6-Inch Meter

	Usage	Bills	Gallons	First 50,000	Next 50,000	Over 100,000	
First	50,000	48	1,037,100	1,037,100	-	-	1,037,100
Next	50,000	10	649,600	20,000	629,600	-	649,600
Over	100,000	14	15,645,700	700,000	700,000	14,245,700	15,645,700
TOTALS		72	17,332,400	1,757,100	1,329,600	14,245,700	17,332,400

REVENUE BY RATE INCREMENT

	Bills	Gallons	Rate	Revenue
First	50,000	72	1,757,100 \$ 499.61 Min. Bill	\$ 35,971.92
Next	50,000		1,329,600 \$ 0.00901 per Gallon	11,979.70
Over	100,000		14,245,700 \$ 0.00790 per Gallon	112,541.03
TOTAL		17,332,400		\$ 160,492.65

Meter Size 12-Inch Meter

	Usage	Bills	Gallons	First 100,000	Over 100,000	
First	100,000	12	46,800	46,800	-	46,800
Over	100,000	-	-	-	-	-
TOTALS		12	46,800	46,800	-	46,800

REVENUE BY RATE INCREMENT

	Bills	Gallons	Rate	Revenue
First	100,000	12	46,800 \$ 950.31 Min. Bill	\$ 11,403.72
Over	100,000		- \$ 0.00790 per Gallon	0.00
TOTAL		46,800		\$ 11,403.72

Meter Size Wholesale

	Usage	Bills	Gallons	First 100,000	Over 100,000	
First	100,000	-	-	-	-	-
Over	100,000	-	49,252,570	-	49,252,570	49,252,570
TOTALS		-	49,252,570	-	49,252,570	49,252,570

REVENUE BY RATE INCREMENT

	Bills	Gallons	Rate	Revenue
Over	-		49,252,570 \$ 0.005370 per Gallon	264,486.30
TOTAL		49,252,570		\$ 264,486.30