

Public Service Commission of West Virginia

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November 25, 2024

Loretta Smith
171 River Street
Grantsville, WV 26147

Eric Lupardus
1897 Hattie Run Road
Grantsville, WV 26147

RE: Case No. 24-0755-W-MA
Grantsville Municipal Water Department

Dear Ms. Smith and Mr. Lupardus:

Pursuant to Rule 4.3.3 of the Commission's Rules of Practice and Procedure, we are enclosing a copy of the Staff memorandum in this matter. Any responses must be submitted to the Executive Secretary's Office in writing within 10 days of this date, unless directed otherwise. **Please note all other parties have agreed to receive this order via electronic notification.**

Your failure to respond in writing to the utility's answer, Staff's recommendations, or other documents may result in a decision in your case based on your original filing and the other documents in the case file, without further hearing or notice.

Documents submitted to the Public Service Commission of West Virginia may be 1) uploaded to its public website, 2) subject to public disclosure under the West Virginia Freedom of Information Act, and/or 3) subject to disclosure under the West Virginia Open Governmental Proceedings Act. Do not submit personal information with your filings. The Commission is not responsible for confidential or personal information included with your submission. A list of personal information is available here: http://www.psc.state.wv.us/Privacy_Policy/WhatisPII.htm

If you have provided an email address you will automatically receive notifications as documents are filed in this proceeding. The email notifications allow recipients to view a document within an hour from the time the filing is processed. The Commission will serve all Orders electronically on those parties that provide an email address. If you have not provided your email address, please send an email to caseinfo@psc.state.wv.us and state the case number in the email subject field.

Sincerely,

A handwritten signature in black ink that reads "Karen Buckley". The signature is written in a cursive style.

Karen Buckley
Executive Secretary

KB/lm
Enc.: Memo



COVER SHEET FOR JOINT STAFF MEMORANDUM

**TO: KAREN BUCKLEY
Executive Secretary**

**RE: CASE NO. 24-0755-W-MA
GRANTSVILLE MUNICIPAL WATER DEPARTMENT**

Commission Staff is providing this cover sheet introducing a joint Staff memorandum in excess of twenty pages, in compliance with General Order 262.8. Staff is providing the Table of Contents for this memorandum as follows:

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CLASS COST OF SERVICE STUDY

ALLOCATION FACTORS

GRANTSVILLE MUNICIPAL WATER DEPARTMENT

CASE NO. 24-0755-W-MA

Prepared by: James Spurlock

Engineering Division

Public Service Commission of West Virginia

November 2024

GRANTSVILLE MUNICIPAL WATER DEPARTMENT

Class Cost of Service Study Allocation Factors

The purpose of a class cost of service study is to determine how the utility's cost of providing service should be allocated among their different classes of customers. The allocation factors developed in this report are used to design rates which will recover costs from each class in accordance with their water service requirements.

The Town of Grantsville provides water service to three classes of customers: residential, commercial, and resale. Each class has different water use patterns and demands. The water plant, pumps, mains, tanks, etc. are designed to meet peak demands. Some customers place a great demand on the system during small intervals of time whereas others may use water more uniformly throughout the day. The cost of service study considers not only the amount of water used by a customer class, but also the impact of their usage patterns on the utility's cost to serve the class.

Allocation Procedure

This study is based on the Commodity-Demand Method of allocating costs to customer classifications as described in the Water Rates Manual No. M1, published by the American Water Works Association.

Commodity Usage

Commodity costs, such as power and chemicals, are distributed to each customer class on the basis of total annual usage plus unaccounted-for water. Unaccounted-for water is proportioned to each customer class according to the maximum hour usage of transmission and distribution water lines that serve that class.

Maximum Day Usage

Maximum Day costs are associated with providing facilities to meet peak daily demands, such as storage tanks and treatment plants.

Maximum Hour Usage

Maximum hour costs include the cost to provide facilities such as transmission and distribution mains, which are sized to meet instantaneous demands. Also factored into maximum hour demand is water loss, which is distributed to each customer class according to the inch-feet of water line serving that class.

Demand Factors

Demand factors indicate the ratio of maximum demand to average demand. The following demand factors are taken from a study completed by Gannett Fleming Valuation and Rate Consultants for West Virginia American Water Company. Peak demands were measured by flow meters and recorders for each customer class. These demand factors are used by Staff in developing water rates throughout the State. For the Town's residential and commercial classes, these factors were used. The demand factors used for the resale class were calculated separately and specific to this case, as detailed below.

<u>CUSTOMER CLASS</u>	<u>MAXIMUM DAY DEMAND</u>
Residential	180%
Commercial	150%
Industrial	140%
Resale	140%

<u>CUSTOMER CLASS</u>	<u>MAXIMUM HOUR DEMAND</u>
Residential	400%
Commercial	330%
Industrial	360%
Resale	170%

The Town has two resale customers, Mt. Zion PSD and Pleasant Hill PSD. All of the water purchased by Mt. Zion PSD passes through a 250 gallon per minute pump station which, per District personnel, only achieves 200 to 220 gallons per minute. The District reads the master meter daily. Therefore, demand factors for this customer can be calculated. For Pleasant Hill PSD, sufficient information is not available to calculate demand factors, so the resale factors from the previous table were used. The demand factors for the two customers were combined and weighted by their relative consumption in order to obtain factors for the resale class:

Mount Zion PSD:

$$\text{Ave Day} = 29,297,600 \text{ gallons} / 365 \text{ days} = 80,267 \text{ gallons}$$

$$\text{Max Day} = 200,400 \text{ gallons (meter reading)}$$

$$\begin{aligned} \text{Max Day demand factor} &= 200,400 / 80,267 \\ &= 2.50 \end{aligned}$$

$$\text{Ave Hour} = 80,267 / 24 \text{ hours} = 3,344 \text{ gallons}$$

$$\text{Max Hour} = 210 \text{ gpm} \times 60 \text{ min} = 12,600 \text{ gallons}$$

$$\begin{aligned} \text{Max Hour demand factor} &= 12,600 / 3,344 \\ &= 3.77 \end{aligned}$$

Pleasant Hill PSD: WVAWC demand factors used

Resale class demand factors: weighted by consumption of each customer

$$\text{Resale Max Day Factor} = 2.50(.43) + 1.40(.57) = 1.87$$

$$\text{Resale Max Hour Factor} = 3.77(.43) + 1.70(.57) = 2.59$$

Customer Allocation Factors

Customer costs, such as billing and meter reading, are incurred to serve customers regardless of water usage or peak demands. The cost of meter maintenance and replacement varies with meter size. An approved American Water Works Association multiplier is applied to meters larger than 5/8 inch to recover costs accordingly.

Public Fire Protection Factors

Public fire protection costs are associated with providing facilities to meet the potential peak demand of fire protection service. Maximum daily and hourly are determined using hydrant flow data for the Town.

Average Maximum Hydrant Flow

Available at 20 psi: 706 gpm

Maximum Hour Flow

706 gpm x 60 min. 42,360 gph

Maximum Day Flow

42,360 gph x 2 hours 84,720 gpd

**TOWN OF GRANTSVILLE
CLASS COST OF SERVICE ALLOCATION FACTORS**

**WATER COMMODITY SUMMARY
TEST YEAR ENDING JUNE 30, 2023**

CLASS	ANNUAL USAGE (MGALLONS)
RESIDENTIAL	6,857
COMMERCIAL	3,504
INDUSTRIAL	0
RESALE	68,145
FIRE	355
BACKWASH/CHEMICALS	0
TOTAL ANNUAL USAGE	78,861
TOTAL ANNUAL FINISHED WATER	132,038
UNACCOUNTED-FOR-WATER (UFW)	53,177
PERCENT UFW	40.3

COMMODITY-DEMAND METHOD

MAXIMUM DAY DEMAND FACTORS	MGALLONS	MAXIMUM HOUR
Water System Maximum Day		
Plant Production	629.8	
Less 40.5% UFW	253.6	
TOTAL	376.2	
Residential Max Day		
Annual Water	6,857	
Average Day	19	
Demand Factor	1.80	
Theoretical Max Day	34	
Total Non-coincidental Flow	231	
231 is less than	376	
Demand Factor Used	1.80	4.00

**TOWN OF GRANTSVILLE
CLASS COST OF SERVICE ALLOCATION FACTORS**

MAXIMUM DAY FACTORS CONTINUED	MGALLONS	MAXIMUM HOUR
Commercial Max Day		
Annual Water	3,504	
Average Day	10	
Demand Factor	1.50	
Theoretical Max Day	14	
Total Non-coincidental Flow	221	
221 is less than	376	
Demand Factor Used	1.50	3.30
Industrial Max Day		
Annual Water	0	
Average Day	0	
Demand Factor	1.4	
Theoretical Max Day	0	
Total Non-coincidental Flow	216	
216 is less than	376	
Demand Factor Used	1.4	3.60

**TOWN OF GRANTSVILLE
CLASS COST OF SERVICE ALLOCATION FACTORS**

COMMODITY-DEMAND METHOD

MAXIMUM DAY FACTORS

Class	Annual Water	Percent	Average Day	Factor
Residential	6,857	8.70	18.79	1.80
Commercial	3,504	4.44	9.60	1.50
Industrial	0	0.00	0.00	1.40
Resale	68,145	86.41	186.70	1.87
Fire	355	0.45	0.97	
Totals	78,861	100.00		

Class	Maximum Day	Max. Day Percent (Tanks)	Maximum Day	Max. Day Percent (Other)
Residential	33.82	7.02	33.82	8.51
Commercial	14.40	2.99	14.40	3.62
Industrial	0.00	0.00	0.00	0.00
Resale	349.13	72.42	349.13	87.87
Fire	84.72	17.57		
Totals	482.06	100.00	397.34	100.00

**TOWN OF GRANTSVILLE
CLASS COST OF SERVICE ALLOCATION FACTORS**

MAXIMUM HOUR FACTORS

Class	Annual Water	Percent	Average Hour	Factor	Maximum Hour
Residential	29,542	22.37	3.37	4.00	13.49
Commercial	13,066	9.90	1.49	3.30	4.92
Industrial	0	0.00	0.00	3.60	0.00
Resale	89,075	67.46	10.17	2.59	26.34
Fire	355	0.27			42.36
Totals	132,038	100.00			87.11

MAXIMUM HOUR WEIGHTED BY INCH-FEET

Class	>6"	Percent	6"	Percent	<6"	Percent
Residential	13.49	15.49	13.49	22.20	13.49	73.27
Commercial	4.92	5.65	4.92	8.10	4.92	26.73
Industrial	0.00	0.00	0.00	0.00	0.00	0.00
Resale	26.34	30.23	0.00	0.00	0.00	0.00
Fire	42.36	48.63	42.36	69.70	0.00	0.00
Totals	87.11	100.00	60.77	100.00	18.41	100.00

Class	>6"	6"	<6"	Totals	Max Hour Percent
Residential	25,459	17,780	42,253	85,492	28.29
Commercial	9,289	6,487	15,417	31,194	10.32
Industrial	0	0	0	0	0.00
Resale	49,705	0	0	49,705	16.45
Fire	79,947	55,833	0	135,779	44.93
Totals	164,400	80,100	57,670	302,170	100.00

**TOWN OF GRANTSVILLE
CLASS COST OF SERVICE ALLOCATION FACTORS**

WATER LINES

Pipe Size - Inches	Line Length - Feet	Inch-Feet
1	2,430	2,430
1.25	0	0
2	10,720	21,440
3	0	0
4	8,450	33,800
		Subtotal
		57,670
6	13,350	80,100
0	0	0
		Subtotal
		80,100
8	6,800	54,400
10	11,000	110,000
12	0	0
16	0	0
60	0	0
		Subtotal
		164,400
		Total
		302,170

COMMODITY FACTORS

Class	Percent	New Percent	UFW	Annual +UFW	New Annual Percent
Residential	28.29	51.38	27,323	34,180	25.89
Commercial	10.32	18.75	9,969	13,473	10.20
Industrial	0.00	0.00	0	0	0.00
Resale	16.45	29.87	15,885	84,030	63.64
Fire	0.00	0.00	0	355	0.27
Totals	55.07	100.00	53,177	132,038	100.00

**TOWN OF GRANTSVILLE
CLASS COST OF SERVICE ALLOCATION FACTORS**

CUSTOMER FACTORS

Class	Size Meter	Total Meters	Percent	AWWA Factor	Total Meters	Percent
Residential	5/8	237		1.0	237	
	3/4	0		1.5	0	
	1	0		2.5	0	
	2	0		8.0	0	
Subtotal		237	80.61		237	56.36
Commercial	5/8	40		1.0	40	
	3/4	3		1.5	5	
	1	2		2.5	5	
	1.5	1		5.0	5	
	2	6		8.0	48	
	3	0		15.0	0	
	4	0		25.0	0	
	6	0		50	0	
Subtotal		52	17.69		103	24.38
Industrial	5/8	0		1.0	0	
	1	0		2.5	0	
	2	0		8	0	
	4	0		25	0	
	6	0		50	0	
	8	0		80	0	
Subtotal		0	0.00		0	0.00
	2	2		8.0	16	
	3	1		15.0	15	
	4	2		25.0	50	
	6	0		50.0	0	
	8	0		80	0	
	10	0		100	0	
Subtotal		5	1.70		81	19.26
TOTALS		294	100.00		421	100.00

CASE NO. 24-0755-W-MA
GRANTSVILLE MUNICIPAL WATER DEPARTMENT



November 22, 2024

201 Brooks Street, P.O. Box 812, Charleston, WV 25323

**Grantsville Municipal Water Department
Case No. 24-0755-W-MA
Revenue Requirements
Staff Recommended Rates**

Staff's Rule 42 Exhibit has been utilized to prepare the Revenue Requirements and Staff Recommended Rates for Grantsville Municipal Water Department (Town). The Town's adopted rates and charges which would generate an increase in revenue and Cash Working Capital Reserve increment of approximately \$151,267 or 29.84% over rates existing prior to this case. Pursuant to the provisions of W.Va. Code § 24-2-4b(g), the Town's proposed rates are in effect subject to refund.

Staff is recommended approval of the Town's adopted rates. As shown on Attachment 1, the resulting level of available cash under Staff Recommended Rates would be sufficient to cover total cash requirements of \$465,508 and total debt service requirements of \$136,387 and Cash Working Capital Reserve allowance of \$51,978 and a cash surplus of \$9,247 to meet the Town's renewal and replacement reserve requirement. The resulting debt service coverage factor is 151.54%.

Staff Recommended Rates include a CWCR increment of \$51,978. This is \$22,760 more than what the Town's CWCR increment of \$29,218 included in its cash flow analysis after eliminating the remaining cash deficit. This is a CWCR percentage of 8.58% to sales and forfeited discounts revenues under Staff Recommended Rates. This increment provides for a Cash Working Capital Reserve that substantially complies to General Order 183.11, issued February 24, 2020 and is consistent with the Commission Order issued on April 2, 2020 in Case No. 19-0999-W-CN. Each utility with a CWCR Increment is required to segregate related cash collection into a separate and Town Cash Working Capital Reserve bank account (The CWCR Account). Each utility should use funds accumulated in its CWCR Account only for extraordinary or non-recurring expenditures that would not be included in normal, on-going O&M expenses and capital expenditures. The Utility shall maintain account records for the CWCR Account that clearly identify deposits and disbursements from the CWCR Account as to source and purpose.

The Cash Working Capital Reserve Increment percentage to total billings under Staff Recommended Rates is 7.90%. As long as Staff Recommended Rates are in effect, the Town needs to apply 7.90% to total monthly billings of sales, forfeited discounts, and the CWCR Increment and credit that amount to Account 265 – Miscellaneous Operating Reserves. Further, as long as Staff Recommended Rates are in effect, the Town needs to apply 7.90% to total monthly collections of sales, forfeited discounts and the CWCR Increment and

charge that amount to Account 127 – Other Special Funds and deposit that same amount into the separate CWCR Account.

The Town proposed a change in the rate structure. The resale rate is increased by 18.62% under the Town's proposed rates and the residential, commercial, and industrial rates is increased by 59.98% under the Town's proposed rates. The following table compares the results of Staff's class cost of service study, going level sales revenue, the Town's proposed revenue, and Staff Recommended Rates:

	Total	Residential	Commercial	Resale	Fire
Total Cost of Service - \$	652,490	170,166	67,156	415,18	-
Going Level - \$	502,192	91,958	44,295	365,939	-
Excess (Deficiency) - \$	150,298	78,208	22,861	49,229	-
Town Adopted Revenue - \$	652,067	147,120	70,862	434,084	-
Increase - \$	149,875	55,162	26,567	68,148	-
Increase - %	29.84%	59.99%	59.98%	18.62%	-
Staff Revenue - \$	652,067	147,120	70,862	434,084	-
Increase - \$	149,875	55,162	26,567	68,148	-
Increase - %	29.84%	59.99%	59.98%	18.62%	-

Since Staff has recommended the Town's adopted rates, this approach would apply the concept of gradualism towards eventually realigning fully the various classes' relative revenue responsibilities while easing the burden of that realignment to the classes requiring increases.

The Town has adopted its tap fee of \$500 for new water service line one inch and small and actual cost for new water service line large than one inch. Historically, the Commission has a longstanding policy of requiring tap fees which are significantly less than the actual cost of the tap. (Case No. 92-1038-PSD-42T, Northern Wayne County Public Service District, Commission Final Order, March 26, 1993) The purpose of a tap fee is not meant to cover the entire cost associated with setting new taps. The remaining cost of the taps not contributed by the new customers is spread amongst the utility's entire customers via base rates. The District's current tap fee of \$350 is consistent with the levels approved by the Commission for other public service districts. (Case No. 20-0468-PWD-T, Oakland Public Service District, Commission Order final August 24, 2020) The Town's tap fee should be set to the \$350 for all customers outside a certificate proceeding before the Commission.

The Town's current leak adjustment rate is \$0.95 per 1,000 gallons. The Utilities Division calculated the Town's leak adjustment under Staff Recommended Rates to be \$1.42 per 1,000 gallons. This leak adjustment rate is derived by the adding the Town's cost of purchased power (\$55,696) and chemicals (\$55,429) and dividing by the going level water sales volume (78,506 thousand gallons). In addition, Staff has amended the language of the leak adjustment provision pursuant to the Rules for the Government of Water Utilities 6.4.3.a., effective March 25, 2023.

The Town has adopted a reconnect fee of \$30. The Utilities Division recommends that the reconnect fee remains \$25 to be consistent with reconnect fees approved by the Commission.

The Utilities Division has omitted the Town's read meter at customer request provision as the Commission rules does not provide any such provision. The Utilities Division did add a testing of meter at customer request provision to Staff Recommended tariff in accordance with Rules for the Government of Water Utilities 8.5.1. The Utilities Division has also changed the Staff Recommended tariffs to identify the applicable tariff rates for the CWCR requirements and to state the CWCR increment percentage.

Attachment 2 is Staff's cost of service study which consists of four schedules. Schedule 1 shows the cost allocation to the each of the Town's classes of customers. Schedule 2 through 4 provide various details of the allocation process. Attachment 3 is a Bill Analysis showing the sales revenue generated under Staff Recommended Rates. Attachment 4 contains a comparison of the Town's current rates and Staff Recommended Rates. Attachment 5 shows bill calculations at various usage levels based upon the Town's current rates and Staff Recommended Rates. Attachments 6 is the tariff containing Staff Recommended Rates for the Town.

Under Staff Recommended Rates, the monthly bill for a residential customer served by the Town, assuming an average of 2,400 gallons of usage, will increase by \$17.26 or 59.97% over current rates. The monthly bill for a commercial customer served by the Town, assuming an average of 5,700 gallons of usage, will increase by \$39.20 or 59.97% over current rates. The monthly bill for a resale customer served by the Town, assuming an average of 1,135,800 gallons of usage, will increase by \$1,135.80 or 18.62% over current rates.

The Utilities Division recommends the rates and charges shown on Attachments 6 be approved for Grantsville Municipal Water Department. As shown on Attachment 6, Staff Recommended Rates is to be effective for all service rendered on and after the date of the final order. In addition, the Utilities Division

recommends the Town be ordered the following related to the Cash Working Capital Reserve:

1. To file a distinct CWCR Account report three months after the end of the Town's fiscal year that requires the following information as referred to above as required by General Order 183.11
2. To file a monthly CWCR report for a minimum of three months, followed thereafter by semi-annual CWCR reports after the Utilities Division determines that the Town understands and is following the monthly cash separation, deposit, and accounting requirements established by the Commission for CWCR. These monthly reports and semi-annual reports are in addition to any CWCR schedules contained in the Annual Report.
3. To apply 7.90% to total monthly billings of sales, forfeited discounts, and the CWCR increment and credit the amount to Account 265 – Miscellaneous Operating Reserves while Staff Recommended Rates are in effect. Further, the Town should also be order to apply 7.90% to total monthly billings of sales, forfeited discounts, and the CWCR increment and charge that amount to Account 127 – Other Special Funds and deposit that same amount into the separate CWCR Accounts
4. To comply with the accounting and uses of CWCR funds as discussed in General Order 183.11 and to file CWCR reports as discussed above.

Grantsville Municipal Water Department
Case No. 24-0755-W-MA
Cash Flow Statement

Attachment 1

	Staff Recommended Rates
	\$
<u>Available Cash</u>	
Metered Sales	200,762
Sales for Resale	399,792
Forfeited Discounts	5,579
Miscellaneous Service Revenues	3,037
Other Water Revenues	-
Total Operating Revenue	<u>609,169</u>
Cash Working Capital Reserve Increment	51,992
Interest Income	1,959
Nonutility Income	-
Total Available Cash	<u>663,120</u>
<u>Cash Requirements</u>	
Operation and Maintenance Expenses	447,772
Taxes Other Than Income Taxes	17,736
Total Cash Requirement	<u>465,508</u>
Cash Available for Debt Service	(A) <u>197,612</u>
<u>Debt Service Requirements</u>	
Bonds	
Interest	58,710
Principal	71,694
Sub-Total	(B) <u>130,404</u>
Debt Service Reserve Funding	5,983
Total Debt Service Requirements	
Before Renewal and Replacement Reserve	<u>136,387</u>
Cash Working Capital Reserve Allowance	<u>51,978</u>
Remaining Cash Surplus (Deficit)	<u>9,247</u>
<u>Cash Surplus Available for Capital Additions</u>	
Renewal and Replacement Reserve (2.5%)	
Less Debt Service Reserve Funding	9,246
Remaining Surplus after R&R Fund	<u>1</u>
Total Surplus Available for Capital Additions	<u>9,247</u>
Debt Service Coverage Factor (A)/(B)	<u>151.54%</u>

Grantsville Municipal Water Department
Case No. 24-0755-W-MA
Town of Wardensville's Class Cost of Service Study

Description	Total \$	Factor	Residential \$	Commercial \$	Resale \$	Fire \$
Commodity	243,010	(A)	62,908	24,796	154,654	653
Maximum Day Demand - Other	230,319	(B)	19,602	8,346	202,371	-
Maximum Day Demand - Tanks	53,030	(C)	3,720	1,584	38,406	9,320
Maximum Hour Demand	115,768	(D)	32,754	11,951	19,043	52,020
Customer	20,099	(E)	11,328	4,899	3,872	-
Fire	894	(F)	-	-	-	894
Operating Revenue Credit - Direct	(5,635)	(F)	(3,934)	(1,701)	-	-
Operating Revenue Credit - Other	(3,037)	(G)	(584)	(230)	(1,932)	(290)
Operating Revenue Credit - Other	(1,959)	(G)	(377)	(149)	(1,246)	(187)
Total Cost of Sales	652,489		125,417	49,496	415,168	62,410
Allocated Costs:						
Excess Fire	(62,410)					(62,410)
Allocation of Excess Fire	62,410		44,749	17,660		
Total Cost of Sales	652,489		170,166	67,156	415,168	-
Revenue Requirements	652,489		170,166	67,156	415,168	-

M Gal Sold 68,145
Resale Rate 6.10

Functionalization Factors

- (A) Annual Water Consumption
- (B) Maximum Day Demand Factor - Other
- (C) Maximum Day Demand Factor - Tanks
- (D) Maximum Hour Demand Factor
- (E) Customers Cost Weighted
- (F) Direct
- (G) Direct - As Above Applicable Allocated Costs

Grantsville Municipal Water Department
Case No. 24-0755-W-MA
Total Cost of Service

Attachment 2
Schedule 2

Description	Total \$	Factor	Maximum				Fire \$	
			Commodity Day \$	Other Day \$	Day Tanks \$	Maximum Hour \$		Customer \$
Operating & Maintenance Expenses	447,772	(A)	219,408	112,934	2,921	94,557	17,903	49
Taxes	17,736	(A)	5,524	5,263	7	5,951	990	-
Debt Requirements - Interest	58,710	(B)	5,371	33,311	14,885	4,533	358	251
Debt Requirements - Principal	71,694	(B)	6,559	40,678	18,177	5,536	438	306
Reserve Funding	5,983	(B)	547	3,395	1,517	462	37	26
Cash Working Capital Reserve	51,978	(B)	4,755	29,492	13,178	4,014	317	222
R&R Available for Plant Additions	9,247	(B)	846	5,247	2,344	714	56	40
Other Income - Credit	-	(B)	-	-	-	-	-	-
Total Cost of Service	663,120		243,010	230,319	53,030	115,768	20,099	894

Functionalization Factors:

- (A) Schedule 3
- (B) As Plant
- (C) As Total Operation & Maintenance

Description	Total \$	Factor	Maximum				Fire \$
			Commodity \$	Day \$	Tanks \$	Hour \$	
Operation & Maintenance Expenses:							
Source of Supply and Pumping	3,061	(D)	280	1,737	776	236	13
Insurance: General Liability							
Total Supply and Pumping	3,061		280	1,737	776	236	13
Treatment							
Salaries and Wages - Employees	109,292	(B)	54,646	54,646	-	-	-
Employee Pension and Benefits	38,536	(B)	19,268	19,268	-	-	-
Purchased Power	55,696	(A)	55,696	-	-	-	-
Fuel for Power Production	833	(A)	833	-	-	-	-
Chemicals	55,429	(A)	55,429	-	-	-	-
Materials and Supplies	35,692	(B)	17,846	17,846	-	-	-
Contractual Services	7,290	(B)	3,645	3,645	-	-	-
Transportation Expenses	798	(B)	399	399	-	-	-
Insurance: General Liability	3,894	(D)	356	2,209	987	301	17
Insurance: Workman's Compensation	917	(B)	459	459	-	-	-
Miscellaneous Expense	2,753	(B)	1,377	1,377	-	-	-
Total Treatment	311,130		209,953	99,848	987	301	24
Transmission and Distribution							
Salaries and Wages - Employees	62,683	(A)	-	-	-	62,683	-
Employee Pension and Benefits	18,025	(A)	-	-	-	18,025	-
Rental of Building/Real Property	3,000	(A)	-	-	-	3,000	-
Transportation Expenses	798	(A)	-	-	-	798	-
Insurance: General Liability	3,061	(D)	280	1,737	776	236	13
Insurance: Workman's Compensation	429	(A)	-	-	-	429	-
Total Transmission and Distribution	87,996		280	1,737	776	85,171	13
Customer Accounting & Collecting							
Salaries and Wages - Employees	10,370	(A)	-	-	-	-	10,370
Employee Pension and Benefits	2,983	(A)	-	-	-	-	2,983
Materials and Supplies	859	(A)	-	-	-	-	859
Transportation Expenses	1,996	(A)	-	-	-	-	1,996
Insurance: Workman's Compensation	71	(A)	-	-	-	-	71
Total Customer Accounting & Collecting	16,279		-	-	-	-	16,279

	Total \$	Factor	Maximum			Customer \$	Fire \$
			Commodity \$	Day \$	Maximum Hour \$		
Administrative & General Expenses	10,370	(C)	3,108	3,108	3,565	590	-
Salaries & Wages - Employees	2,983	(C)	894	894	1,025	170	-
Employee Pension and Benefits	463	(E)	149	156	129	25	0
Materials and Supplies	10,140	(E)	3,260	3,418	2,835	541	1
Contractual Services	400	(E)	129	135	112	21	0
Transportation Expense	1,020	(D)	93	579	79	6	4
Insurance: General Liability	71	(C)	21	21	24	4	-
Insurance: Workman's Compensation	8	(E)	3	3	2	0	0
Advertising Expense	3,851	(E)	1,238	1,298	1,077	205	1
Miscellaneous Expenses	29,306	(E)	8,895	9,612	8,849	1,562	6
Total Administrative & General Expenses	447,772		219,408	112,934	2,921	17,903	49
Taxes:							
Payroll Related	16,635	(C)	4,985	4,985	5,718	946	-
Other	1,101	(F)	539	278	233	44	-
Total Taxes	17,736		5,524	5,263	5,951	990	-

Functionalization Factors:

- (A) Direct
- (B) 50% Max Day, 50% Commodity
- (C) As Labor
- (D) As Plant
- (E) As Non-A & G Excluding Purchased Water, Power & Chemicals
- (F) As Total Operation & Maintenance

Grantsville Municipal Water Department
Case No. 24-0755-W-MA
Plant Functionalization

Attachment 2
Schedule 4

Description	Total	Commodity	Maximum Day Other	Maximum Day Tank	Maximum Hour	Customer	Fire
	\$	\$	\$	\$	\$	\$	\$
Intangible	-	-	-	-	-	-	-
Source of Supply & Pumping Plant							
Land & Land Rights	-	-	-	-	-	-	-
Structures & Improvements	1,652	1,652	-	-	-	-	-
Collecting and Impounding Reservoirs	-	-	-	-	-	-	-
Lakes, Rivers and Other Intakes	923,096	923,096	-	-	-	-	-
Wells and Springs	-	-	-	-	-	-	-
Infiltration Galleries and Tunnels	-	-	-	-	-	-	-
Supply Mains	-	-	-	-	-	-	-
Power Generation Equipment	-	-	-	-	-	-	-
Pumping Equipment	308,705	-	308,705	-	-	-	-
Other Plant and Miscellaneous Equipment	383,502	-	383,502	-	-	-	-
Total Source of Supply & Pumping Plant	1,616,955	924,748	692,207	-	-	-	-
Treatment Plant							
Land & Land Rights	-	-	-	-	-	-	-
Structures and Improvements	3,844,148	-	3,844,148	-	-	-	-
Pumping Equipment	-	-	-	-	-	-	-
Water Treatment Equipment	1,199,153	-	1,199,153	-	-	-	-
Other Plant and Miscellaneous Equipment	-	-	-	-	-	-	-
Total Treatment	5,043,301	-	5,043,301	-	-	-	-
Transmission & Distribution							
Land & Land Rights	-	-	-	-	-	-	-
Structures and Improvements	768,362	-	-	571,061	173,925	13,752	9,624
Pumping Equipment	-	-	-	-	-	-	-
Distribution Reservoirs & Standpipes	1,991,857	-	-	1,991,857	-	-	-
Transmission & Distribution Mains	606,650	-	-	-	606,650	-	-
Services	29,487	-	-	-	-	29,487	-
Meters & Meter Installations	18,479	-	-	-	-	18,479	-
Hydrants	33,570	-	-	-	-	-	33,570
Other	-	-	-	-	-	-	-
Total Transmission & Distribution	3,448,405	-	-	2,562,918	780,575	61,718	43,194
General Plant	57,576	5,267	32,668	14,598	4,446	352	246
Total Plant	10,166,237	930,015	5,768,176	2,577,516	785,021	62,070	43,440
Total Plant For Allocation	10,108,661	924,748	5,735,508	2,562,918	780,575	61,718	43,194
Plant Factors		0.0915	0.5674	0.2535	0.0772	0.0061	0.0043

Residential Customers	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Number of Bills	M. Gals Sold	Rate	Minimum Bills Revenue	First 2 M Gallons	Next 3 M Gallons	Next 5 M Gallons	All Over 10 M Gallons	Total Revenue
			\$	\$					\$
Minimum Bills									
5/8 inch meter	1,255	937.7	29.09	36,508					
3/4 inch meter	-	-	43.64	-					
1 inch meter	18	33.1	72.73	1,309					
1-1/2 inch meter	-	-	145.45	-					
2 inch meter	-	-	232.72	-					
3 inch meter	-	-	465.44	-					
4 inch meter	-	-	727.25	-					
First 2 M Gallons	320	567.0			567.0				
Next 3 M Gallons	962	3,084.0			1,924.0	1,160.0			
Next 5 M Gallons	262	1,723.1			524.0	786.0	413.1		
All Over 10 M Gallons	28	512.5			56.0	84.0	140.0	232.5	
	<u>2,845</u>	<u>6,857.4</u>			<u>3,071.0</u>	<u>2,030.0</u>	<u>553.1</u>	<u>232.5</u>	
Rates					19.39	18.14	16.24	13.82	
Total Revenue Per Analysis				37,817	59,547	36,824	8,982	3,213	146,383
Correction Factor									1.005031
Total Commercial Sales Revenue and Cash Working Capital Reserve Under Staff Recommended Rates									147,120
Total Cash Working Capital Reserve at 7.9%									11,622
Total Commercial Sales Revenue under Staff Recommended Rates									<u>135,497</u>

Commercial Customers	Number of Bills (1)	M. Gals Sold (2)	Rate (3)	Minimum Bills Revenue (4)	First 2 M Gallons (5)	Next 3 M Gallons (6)	Next 5 M Gallons (7)	All Over 10 M Gallons (8)	Total Revenue (9)
			\$	\$					\$
Minimum Bills									
5/8 inch meter	348	157.6	29.09	10,123					
3/4 inch meter	-	-	43.64	-					
1 inch meter	14	38.3	72.73	1,018					
1-1/2 inch meter	1	8.0	145.45	145					
2 inch meter	36	3.9	232.72	8,378					
3 inch meter	-	-	465.44	-					
4 inch meter	-	-	727.25	-					
First 2 M Gallons	18	32.3			32.3				
Next 3 M Gallons	78	241.7			156.0	85.7			
Next 5 M Gallons	35	234.7			70.0	105.0	59.7		
All Over 10 M Gallons	90	2,787.1			180.0	270.0	450.0	1,887.1	
	620	3,503.6			438.3	460.7	509.7	1,887.1	
Rates					19.39	18.14	16.24	13.82	
Total Revenue Per Analysis				19,665	8,499	8,357	8,278	26,080	70,878
Correction Factor									0.999782
Total Commercial Sales Revenue and Cash Working Capital Reserve Under Staff Recommended Rates									70,862
Total Cash Working Capital Reserve at 7.9%									5,598
Total Commercial Sales Revenue under Staff Recommended Rates									65,264

Resale Customers	Number of Bills		M. Gals Sold	Rate	Total Revenue
	(1)	(2)			
Mt. Zion Public Service District	12	29,297.6	6.37	186,626	\$
Pleasant Hill Public Service District	48	38,847.5	6.37	247,459	
Total Revenue Per Analysis	60	68,145.1		434,084	
Correction Factor				1.000000	
Total Resale Sales Revenue and Cash Working Capital Reserve Under Staff Recommended Rate				434,084	
Total Cash Working Capital Reserve at 7.9%				34,293	
Total Resale Sales Revenue under Staff Recommended Rates				399,792	

Comparison of Town's Existing Rates Prior to this Case, Town's Adopted Rates and Staff Recommended Rates

	Existing Rates Prior To This Case	Town Adopted Rates	Staff Recommended Rates	Increase	Increase
	\$	\$	\$	\$	\$
<u>Residential, Commercial and Industrial Rates</u>					
First 2,000 gallons used per month	12.12	19.39	19.39	7.27	59.98%
Next 3,000 gallons used per month	11.34	18.14	18.14	6.80	59.96%
Next 5,000 gallons used per month	10.15	16.24	16.24	6.09	60.00%
All Over 10,000 gallons used per month	8.64	13.82	13.82	5.18	59.95%
<u>Resale Service Rate</u>					
	5.37	6.37	6.37	1.00	18.62%
<u>Minimum Customer Charge</u>					
5/8 inch meter	18.18	29.09	29.09	10.91	60.01%
3/4 inch meter	27.27	43.64	43.64	16.37	60.03%
1 inch meter	45.45	72.73	72.73	27.28	60.02%
1-1/2 inch meter	90.90	145.45	145.45	54.55	60.01%
2 inch meter	145.44	232.72	232.72	87.28	60.01%
3 inch meter	290.88	465.44	465.44	174.56	60.01%
4 inch meter	454.50	727.25	727.25	272.75	60.01%
<u>Connection Fee</u>					
New Water Service Line One Inch and Smaller	482.00	500.00	350.00	(132.00)	-27.39%
New Water Service Line Larger Than One Inch		Actual Cost	350.00		
<u>Reconnection Fee</u>					
	25.00	30.00	25.00	-	0.00%
<u>Leak Adjustment Increment</u>					
Per 1,000 gallon	0.95	1.46	1.42	0.47	49.47%
<u>Read Meter at Customer Request</u>					
Not less than	25.00	25.00	-	(25.00)	-100.00%
<u>Testing of Meter at Customer Request</u>					
Not less than	-	-	10.00	10.00	
<u>Returned Check Rate</u>					
	-	30.00	30.00	30.00	

Grantsville Municipal Water Department
 Case No. 24-0755-W-MA

Comparison of Monthly Bills Under Town's Current Rates, Town's Adopted and Staff Recommended Rates

Gallons Usage	Existing Rates Prior To This Case	Town		Staff Recommended	
		Adopted Rates	Increase	Recommended Rates	Increase
	\$	\$	\$	\$	\$
-	18.18	29.09	10.91	29.09	10.91
500	18.18	29.09	10.91	29.09	10.91
1,000	18.18	29.09	10.91	29.09	10.91
2,000	24.24	38.78	14.54	38.78	14.54
R	28.78	46.04	17.26	46.04	17.26
3,000	35.58	56.92	21.34	56.92	21.34
4,000	46.92	75.06	28.14	75.06	28.14
5,000	58.26	93.20	34.94	93.20	34.94
C	65.37	104.57	39.20	104.57	39.20
6,000	68.41	109.44	41.03	109.44	41.03
7,000	78.56	125.68	47.12	125.68	47.12
8,000	88.71	141.92	53.21	141.92	53.21
9,000	98.86	158.16	59.30	158.16	59.30
10,000	109.01	174.40	65.39	174.40	65.39
11,000	117.65	188.22	70.57	188.22	70.57
12,000	126.29	202.04	75.75	202.04	75.75
15,000	152.21	243.50	91.29	243.50	91.29
20,000	195.41	312.60	117.19	312.60	117.19
30,000	281.81	450.80	168.99	450.80	168.99
40,000	368.21	589.00	220.79	589.00	220.79
50,000	454.61	727.20	272.59	727.20	272.59
60,000	541.01	865.40	324.39	865.40	324.39
70,000	627.41	1,003.60	376.19	1,003.60	376.19
80,000	713.81	1,141.80	427.99	1,141.80	427.99
90,000	800.21	1,280.00	479.79	1,280.00	479.79
100,000	886.61	1,418.20	531.59	1,418.20	531.59
250,000	2,182.61	3,491.20	1,308.59	3,491.20	1,308.59
Re	1,135,800	7,235.05	1,135.80	7,235.05	1,135.80
					18.62%

Grantsville Municipal Water Department
Case No. 24-0755-W-MA
Staff Recommended Rates

Effective for All Service Rendered On and After the Date the Order Becomes Final

APPLICABILITY

Applicable within the entire territory served.

AVAILABILITY OF SERVICE

Available for general domestic, commercial, industrial service and sale for resale.

(I),(C) RESIDENTIAL, COMMERCIAL AND INDUSTRIAL RATES*

First	2,000 gallons used per month	\$ 19.39	per 1,000 gallons
Next	3,000 gallons used per month	\$ 18.14	per 1,000 gallons
Next	5,000 gallons used per month	\$ 16.24	per 1,000 gallons
All Over	10,000 gallons used per month	\$ 13.82	per 1,000 gallons

(I),(C) MINIMUM CUSTOMER CHARGE*

No bill will be rendered for less than the following amounts, based on meter size:

5/8 inch meter	\$ 29.09	per month
3/4 inch meter	\$ 43.64	per month
1 inch meter	\$ 72.73	per month
1-1/2 inch meter	\$ 145.45	per month
2 inch meter	\$ 232.72	per month
3 inch meter	\$ 465.44	per month
4 inch meter	\$ 727.25	per month

(C) DELAYED PAYMENT PENALTY*The above tariff is net. On all accounts not paid on or before the 20th day after the billing date, ten percent (10%) shall be added to the net amount shown. This delayed payment penalty is not interest and is only to be collected only once for each bill when appropriated.(C) SECURITY DEPOSIT

Not to exceed two-twelfths (2/12) of the average monthly bill of the applicant's specific customer class, or fifty dollars, whichever is greater. This fee may be changed by the applicable statutory provisions.

- (C) Indicates Change in Text
(I) Indicates Increase
(N) Indicates New

Grantsville Municipal Water Department
Case No. 24-0755-W-MA
Staff Recommended Rates

Effective for All Service Rendered On and After the Date the Order Becomes Final

(D),(C) CONNECTION / TAP FEE

The following charge is to be made whenever the utility installs a new tap to serve an applicant.

A tap fee of \$350.00 will be charged to all customers who apply for service outside of a certificate proceeding before the Commission for each new tap to the system.

DISCONNECT FEE

If any bill is not paid within sixty (60) days after the due date, water service to the customer will be discontinued. Water service will not be restored until past due water bills have been paid in full and all accrued penalties plus a reconnection charge have been paid.

RECONNECT FEE

There shall be a \$25.00 reconnection charge for re-established service.

(I),(C) RESALE SERVICE RATE*

\$6.37 per 1,000 gallons.

(I),(C) LEAK ADJUSTMENT*

\$1.42 per 1,000 gallons is to be used when the bill reflects unusual water consumption which can be attributed to eligible leakage on customer's side of the meter. This rate shall be applied to all such consumption above 200% of the customer's historical usage.

(O)

(O)

(N) RETURNED CHECK CHARGE

If a check is return by the bank for any reason, the bank's charge to the utility shall be the utility's charge to the customer for such a bad check, but such charge to customer shall not exceed \$30.00.

TESTING OF METER AT CUSTOMER REQUEST

If any customer requests in writing to the utility a test of the accuracy of his or her meter, and the meter is not due for periodic testing, the utility shall notify the customer of the conditions under which the test will be made by the utility or by a referee. If the customer requests that the utility proceed with the test and remits an amount equal to the estimated cost to be incurred by the utility, but not less than ten dollars (\$10), the utility shall make the test promptly. The meter tester shall provide a report giving results of the test to the customer and the utility, and a complete record of the test shall be kept within the applicable Division of the Commission. If, when tested, the meter is found to be more than two percent (2%) in error, the utility will refund the amount advanced to the customer. If the meter is not found to be more than two percent (2%) in error, the utility shall retain the amount advanced by the customer for the test.

(N) * 7.9% CASH WORKING CAPITAL RESERVE INCREMENT

7.9% of total billings at the indicated rates is required to be recorded as a credit to "Miscellaneous Operating Reserves," with related collections to be charged to "Other Special Funds" and to be deposited into a distinct CWCR Bank Account.

- (I) Indicates Increase
- (D) Indicates Decrease
- (N) Indicates New
- (O) Indicates Omission
- (C) Indicates Change in Text

CASE NO. 24-0755-W-MA
GRANTSVILLE MUNICIPAL WATER DEPARTMENT



November 22, 2024

201 Brooks Street, P.O. Box 812, Charleston, WV 25323

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
CASE NO. 24-0755-W-MA

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Public Service Commission of West Virginia

201 Brooks Street, P.O. Box 812
Charleston, West Virginia 25323



Phone: (304) 340-0300
Fax: (304) 340-0325

November 22, 2024

Commissioners
Public Service Commission
201 Brooks Street
Charleston, WV 25301

Re: Grantsville Municipal Water Department
Case No. 24-0755-W-MA

Dear Commissioners:

Transmitted herewith is a report outlining the results of the Utilities Division's examination of the books and records of Grantsville Municipal Water Department (Town) for the year ending June 30, 2023. The purpose of this examination was to evaluate revenue, expense, and debt accounts in order to determine going level and to prepare revenue requirements. Except to the extent necessary to develop the recommended rates, the scope of the examination performed did not include confirmation of current asset and liability balances. Due to these limitations, and the scope of the examination, this report should not be confused with, nor substituted for an audit performed by independent auditors.

On September 3, 2024, the Town adopted an ordinance increasing rates and charges to customers of its water system. The adopted rates were to go into effect immediately upon final adoption of the ordinance. The Town's cash flow analysis shows that the Town's adopted rates will generate approximately \$166,156, or 32.45%, more available cash annually. On September 13, 2024 and October 1, 2024, the Commission received petitions of protest that appears to consist of not less than twenty-five percent of the Town's water customers. On September 13, 2024, the Commission issued an Order making Grantsville Municipal Water Department (Town) a respondent to this proceeding, and pending investigation, hearing and decision thereon, pursuant to the requirements of W. Va. Code §24-2-4b(d), and made the Town's adopted water

rates and charges effective upon final adoption of the ordinance, or September 3, 2024, subject to refund. The Town's current water rates and charges were approved in Case No. 20-0040-W-CN, effective for all service rendered on and after April 28, 2023. The Town serves approximately 295 water customers in Calhoun County. The Town also engages in sewer operations.

Geoffery Cooke will be sponsoring the Statement D in Staff's Rule 42 Exhibit and will be presenting Staff's revenue requirement and class cost of service.

As shown on the Cash Flow Statement (Statement F, Schedule 2 Sheet 1 of 2) of the attached report, during the test year the Town reported total available cash of \$509,516, operation and maintenance expenses of \$406,789, taxes other than income taxes of \$17,736, total debt service requirements of \$122,843, miscellaneous nonutility expenses of \$14,853, and cash working capital reserve allowance of \$12,362 resulting in a remaining cash flow deficit of \$65,067.

The Utilities Division performed a review of the Town's books and records for the test year ended June 30, 2023. Based on that review, accounting and going level adjustments have been made as detailed in Statement G of this report. Accounting adjustments were made to reclassify unmetered water revenues, metered revenues, sales for resale, forfeited discounts, cash working capital reserve, salaries and wages, employee pensions and benefits, insurance, nonutility income, and contributions in aid of constructions. Accounting adjustments were made to metered revenues and rental of building/real property to properly match those incurred during the test year. An accounting adjustment was made to miscellaneous service revenues and salaries and wages to remove overtime and reimbursements for the overtime related to the water project. An accounting adjustment was made to materials and supplies to remove an invoice that was double recorded. An accounting adjustment was made to contractual services to remove the sewer portion of the Town's annual report invoice. An accounting adjustment was made to miscellaneous nonutility expenses to remove bond costs.

The Utilities Division has also made going level adjustments on Statement G. A going level adjustment of \$34,442 was made to increase revenue to reflect the current rates that became effective for all service rendered on and after April 28, 2023. A going level adjustment of \$320 was made to increase forfeited discounts to reflect late fees at going level. A going level adjustment of \$23,962 was made to reclassify the Town's approved CWCR increment in current rates. A going level adjustment was made to increase employee pension and benefits by \$48,023 and to decrease miscellaneous nonutility expenses by \$13,853 to reverse the impact of GASB 68 & 75

adjustments. A going level adjustment of \$20,917 was made to reflect a full year of project related expenses. A going level adjustment of \$4,560 was made to decrease contractual services to reflect current audit engagement expense and associated state auditor's fee. Given the current high rate of inflation, an adjustment of \$5,293 was made to O&M expenses to reflect the impact of inflation subsequent to the test year on unmeasured expenses. A going level adjustment of \$17,988 was made to decrease interest expense to adjust current long-term debt to the amortization schedules.

After the effects of Staff's going level adjustments, the Town's available cash is \$511,853, operation and maintenance expenses total \$447,772, taxes other than income taxes of \$17,736, total debt service requirements of \$136,387 and cash working capital reserve allowance of \$36,139. The result is a remaining cash flow deficit at going level of \$126,181.

Staff has made proforma adjustments based on the Town's adopted rates. After the effects of the proforma adjustments, at adopted rates the Town will have available cash is \$663,119, operation and maintenance expenses total \$447,772, taxes other than income taxes of \$17,736, total debt service requirements of \$136,387 and cash working capital reserve allowance of \$58,442. The result is a remaining cash flow surplus at proforma of \$2,782.

The Town has not complied with General Order 183.11. This is not the first ordinance adopted by the Town to address working capital reserve funds. The Town first adopted an allowance in rates to fund its cash working capital reserve in ORDW Grantsville 19A, Step 1 Rates effective for all service rendered on or after December 19, 2019. Step 1 Rates adopted in that ordinance reflected a Senate Bill 234 provision of \$9,525 annually or \$794 monthly. The applicable CWCR increment percentage for these rates is 1.79% of billings of sales, forfeited discounts, and CWCR increment. These rates were effective from December 19, 2019 to April 28, 2023 and provided \$28,913 in CWCR funding. ORDW Grantsville 19A also adopted Step 2 Rates for a project that was approved by the Commission in Case No. 20-0040-W-CN, rates effective for all service rendered on and after April 28, 2023. Step 2 Rates adopted in that ordinance reflected a CWCR increment percentage of 7.13%. These rates provided \$44,989 in CWCR funding from April 28, 2023 through August 31, 2024. The Town has been provided a total of \$73,902 of CWCR funding from its customers as of August 31, 2024.

The Town has been provided a total of \$73,902 of CWCR funding, of which \$72,314 has been provided since the issuance of General Order 183.11. From the issuance of General Order 183.11 until June 30, 2023, the Town should have deposited \$32,301 into its CWCR bank account based upon the CWCR

funding provided for in its rates. The Town has filed its CWCR Report for the year ended June 30, 2023. The Town reported a total of \$100 in deposits to its CWCR account from the issuance of General Order 183.11 until June 30, 2023. The Town's most recent Annual Report for the year ended June 30, 2023, the Town has \$100 for CWCR in Account 127 – Other Special Funds and recorded \$29,351 for CWCR in Account 265 – Miscellaneous Operating Reserves. Since the end of the test year, the Town should have deposited an additional \$40,013 based upon the CWCR funding included in rates from July 2023 through August 2024. The Town did not deposit any additional funds into its CWCR account during this period and had a balance of \$100 as of August 31, 2024. The August 31, 2024 balance of the Town's CWCR account does not satisfy W. Va. Code §24-1-1(k) which requires a cash working capital fund of no less than one-eighth of actual operation and maintenance expenses be maintained. One-eighth of the Town's test year report O&M expenses of \$406,789 is \$50,849. The Town's August 31, 2024 CWCR account balance of \$100 does not cover the minimum required balance even though the Town has been provided significantly more CWCR funding through its rates.

Revenue Requirements and Staff Recommended Rates are being addressed and presented under a separate report.

Respectfully Submitted,



Nathan Crouch, Utilities Analyst II
Utilities Division

NC:
Attachment

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
 STATEMENT OF NET INCOME
 YEAR ENDED JUNE 30, 2023

Statement A

000038

	Reference Statement A	Per Books (1) \$	Accounting Adjustments (2) \$	Per Books Adjusted (3) \$	Going Level Adjustments (4) \$	Going Level (5) \$	Proforma Adjustments (6) \$	Proforma (7) \$
UTILITY OPERATING INCOME								
Operating Revenues	Schedule 1	485,195	(22,240)	462,955	10,800	473,755	128,963	602,718
Operating Revenue Deductions								
Operation and Maintenance	Schedule 2	406,789	(28,690)	378,099	69,673	447,772	-	447,772
Depreciation and Amortization	Schedule 3	73,595	-	73,595	-	73,595	-	73,595
Taxes Other Than Income Taxes	Schedule 4	17,736	-	17,736	-	17,736	-	17,736
Total Operating Revenue Deductions		498,120	(28,690)	469,430	69,673	539,103	-	539,103
Net Operating Income		(12,925)	6,450	(6,475)	(58,873)	(65,348)	128,963	63,615
Other Income	Schedule 6	11,959	(10,000)	1,959	-	1,959	-	1,959
Other Income Deductions	Schedule 7	91,551	(1,000)	90,551	(31,841)	58,710	-	58,710
NET INCOME		(92,517)	(2,550)	(95,067)	(27,032)	(122,099)	128,963	6,864

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
 DETAIL OF OPERATING REVENUE
 YEAR ENDED JUNE 30, 2023

Statement A
 Schedule 1

000039

Account Number	Per Books Adjusted (1)	Accounting Adjustments (2)	Per Books Adjusted (3)	Going Level Adjustments (4)	Going Level (5)	Proforma Adjustments (6)	Proforma (7)
	\$	\$	\$	\$	\$	\$	\$
Sales of Water							
460 Unmetered Water Revenue	624	(624) (1)	-	-	-	-	-
Total Unmetered Sales	624	(624)	-	-	-	-	-
461.0 Metered Sales							
461.1 Meter Sales to Residential Customers	79,316	624 (1) 3,709 (2) (35) (4)	83,614	5,996 (14) (4,209) (16)	85,401	55,162 (22) (6,507) (24)	134,056
461.2 Meter Sales to Commercial Customers	73,471	(1,403) (2) (31,809) (3) 36 (4)	40,295	2,839 (14) (1,997) (16)	41,137	26,567 (22) (3,135) (24)	64,569
461.3 Meter Sales to Industrial Customers	-	-	-	-	-	-	-
461.4 Meter Sales to Public Authorities	-	-	-	-	-	-	-
Total Metered Revenue	152,787	(28,878)	123,909	2,629	126,538	72,087	198,625
462 Fire Protection Revenue							
462.1 Public Fire Protection	-	-	-	-	-	-	-
462.2 Private Fire Protection	-	-	-	-	-	-	-
Total Fire Protection	-	-	-	-	-	-	-
464 Other Sales to Public Authorities							
466 Sales for Resale	299,981	31,809 (3) (14) (4)	331,776	25,607 (14) (17,535) (16)	339,848	68,145 (22) (12,456) (24)	395,537
Total Sales of Water	453,392	2,293	455,685	10,701	466,386	127,776	594,162
Other Operating Revenues							
469 Guaranteed Revenues	-	-	-	-	-	-	-
470 Forfeited Discounts	4,035	198 (4)	4,233	320 (15) (221) (16)	4,332	1,392 (23) (205) (24)	5,519
471 Miscellaneous Service Revenues	-	-	-	-	-	-	-
472 Rents from Water Property	27,768	(24,731) (6)	3,037	-	3,037	-	3,037
473 Interdepartmental Rents	-	-	-	-	-	-	-
474 Other Water Revenues	-	-	-	-	-	-	-
Total Other Operating Revenues	31,803	(24,533)	7,270	99	7,369	1,187	8,556
Total Water Operating Revenues	485,195	(22,240)	462,955	10,800	473,755	128,963	602,718

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
 DETAIL OF OPERATION AND MAINTENANCE EXPENSES
 YEAR ENDED JUNE 30, 2023

Statement A
 Schedule 2
 Sheet 1 of 4

Account Number	Per Books (1)	Accounting Adjustments (2)	Per Books Adjusted (3)	Going Level Adjustments (4)	Going Level (5)	Proforma Adjustments (6)	Proforma (7)
	\$	\$	\$	\$	\$	\$	\$
SOURCE OF SUPPLY AND PUMPING EXPENSES							
Operation							
601.1 Salaries and Wages - Employees	-	-	-	-	-	-	-
603.1 Salaries and Wages - Officers, Directors, etc	-	-	-	-	-	-	-
604.1 Employee Pensions & Benefits	-	-	-	-	-	-	-
610.1 Purchased Water	-	-	-	-	-	-	-
615.1 Purchased Power	-	-	-	-	-	-	-
616.1 Fuel for Power Production	-	-	-	-	-	-	-
618.1 Chemicals	-	-	-	-	-	-	-
620.1 Materials and Supplies	-	-	-	-	-	-	-
631.1-636.1 Contractual Services	-	-	-	-	-	-	-
641.1 Rental of Building/Real Property	-	-	-	-	-	-	-
642.1 Rental of Equipment	-	-	-	-	-	-	-
650.1 Transportation Expenses	-	-	-	-	-	-	-
656.1-659.1 Insurance	3,061	-	3,061	-	3,061	-	3,061
667.1 Regulatory Commission Expense -Other	-	-	-	-	-	-	-
668.1 Water Resource Conservation Expense	-	-	-	-	-	-	-
675.1 Miscellaneous Expenses	-	-	-	-	-	-	-
Maintenance							
601.2 Salaries and Wages - Employees	-	-	-	-	-	-	-
603.2 Salaries and Wages - Officers, Directors, etc	-	-	-	-	-	-	-
604.2 Employee Pensions & Benefits	-	-	-	-	-	-	-
618.2 Chemicals	-	-	-	-	-	-	-
620.2 Materials and Supplies	-	-	-	-	-	-	-
631.2-636.2 Contractual Services	-	-	-	-	-	-	-
641.2 Rental of Building/Real Property	-	-	-	-	-	-	-
642.2 Rental of Equipment	-	-	-	-	-	-	-
650.2 Transportation Expenses	-	-	-	-	-	-	-
656.2-659.2 Insurance	-	-	-	-	-	-	-
667.2 Regulatory Commission Expense -Other	-	-	-	-	-	-	-
675.2 Miscellaneous Expenses	-	-	-	-	-	-	-
Total Source of Supply and Pumping Expenses	3,061	-	3,061	-	3,061	-	3,061

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
 DETAIL OF OPERATION AND MAINTENANCE EXPENSES
 YEAR ENDED JUNE 30, 2023

Statement A
 Schedule 2
 Sheet 2 of 4

Account Number	Per Books (1)	Accounting Adjustments (2)	Per Books Adjusted (3)	Going Level Adjustments (4)	Going Level (5)	Proforma Adjustments (6)	Proforma (7)
	\$	\$	\$	\$	\$	\$	\$
WATER TREATMENT EXPENSES							
Operation							
601.3 Salaries and Wages - Employees	86,978	47,045 (24,731)	109,292		109,292		109,292
603.3 Salaries and Wages - Officers, Directors, etc							
604.3 Employee Pensions & Benefits	5,802	3,137	8,939	29,597	38,536		38,536
615.3 Purchased Power	51,862		51,862	3,834	55,696		55,696
616.3 Fuel for Power Production				833	833		833
618.3 Chemicals	40,396		40,396	12,500	55,429		55,429
				2,533			
620.3 Materials and Supplies	33,952	(366)	33,586	2,106	35,692		35,692
631.3-636.3 Contractual Services	5,206		5,206	2,084	7,290		7,290
641.3 Rental of Building/Real Property							
642.3 Rental of Equipment	751		751	47	798		798
650.3 Transportation Expenses	3,656	322	3,978	833	4,811		4,811
656.3-659.3 Insurance							
667.3 Regulatory Commission Expense -Other							
675.3 Miscellaneous Expenses	1,807		1,807	833	2,753		2,753
				113			
Maintenance							
601.4 Salaries and Wages - Employees							
603.4 Salaries and Wages - Officers, Directors, etc							
604.4 Employee Pensions & Benefits							
618.4 Chemicals							
620.4 Materials and Supplies							
631.4-636.4 Contractual Services							
641.4 Rental of Building/Real Property							
642.4 Rental of Equipment							
650.4 Transportation Expenses							
656.4-659.4 Insurance							
667.4 Regulatory Commission Expense -Other							
675.4 Miscellaneous Expenses							
Total Water Treatment Expenses	230,410	25,407	255,817	55,313	311,130	-	311,130

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
 DETAIL OF OPERATION AND MAINTENANCE EXPENSES
 YEAR ENDED JUNE 30, 2023

Statement A
 Schedule 2
 Sheet 3 of 4

Account Number	Per Books (1) \$	Accounting Adjustments (2) \$	Per Books Adjusted (3) \$	Going Level Adjustments (4) \$	Going Level (5) \$	Proforma Adjustments (6) \$	Proforma (7) \$
TRANSMISSION AND DISTRIBUTION EXPENSES							
<i>Operation</i>							
601.5 Salaries and Wages - Employees	86,978	(24,295)	62,683		62,683		62,683
603.5 Salaries and Wages - Officers, Directors, etc							
604.5 Employee Pensions & Benefits	5,802	(1,621)	4,181	13,844	18,025		18,025
615.5 Purchased Power							
616.5 Fuel for Power Production							
618.5 Chemicals							
620.5 Materials and Supplies							
631.5-636.5 Contractual Services							
641.5 Rental of Building/Real Property	3,500	(500)	3,000		3,000		3,000
642.5 Rental of Equipment							
650.5 Transportation Expenses	751		751	47	798		798
656.5-659.5 Insurance	3,656	(166)	3,490		3,490		3,490
667.5 Regulatory Commission Expense -Other							
675.5 Miscellaneous Expenses							
<i>Maintenance</i>							
601.6 Salaries and Wages - Employees							
603.6 Salaries and Wages - Officers, Directors, etc							
604.6 Employee Pensions & Benefits							
618.6 Chemicals							
620.6 Materials and Supplies							
631.6-636.6 Contractual Services							
641.6 Rental of Building/Real Property							
642.6 Rental of Equipment							
650.6 Transportation Expenses							
656.6-659.6 Insurance							
667.6 Regulatory Commission Expense -Other							
675.6 Miscellaneous Expenses							
Total Transmission and Distribution Expenses	100,687	(26,582)	74,105	13,891	87,996	-	87,996

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
 DETAIL OF OPERATION AND MAINTENANCE EXPENSES
 YEAR ENDED JUNE 30, 2023

Statement A
 Schedule 2
 Sheet 4 of 4

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Account Number	Per Books (1)	Accounting Adjustments (2)	Per Books Adjusted (3)	Going Level Adjustments (4)	Going Level (5)	Proforma Adjustments (6)	Proforma (7)
	\$	\$	\$	\$	\$	\$	\$
CUSTOMER ACCOUNTS EXPENSES							
601.7 Salaries and Wages - Employees	21,745	(11,375) (5)	10,370	-	10,370	-	10,370
603.7 Salaries and Wages - Officers, Directors, etc	-	-	-	-	-	-	-
604.7 Employee Pensions & Benefits	1,450	(758) (7)	692	2,291 (17)	2,983	-	2,983
615.7 Purchased Power	-	-	-	-	-	-	-
616.7 Fuel for Power Production	-	-	-	-	-	-	-
620.7 Materials and Supplies	808	-	808	51 (20)	859	-	859
631.7-636.7 Contractual Services	-	-	-	-	-	-	-
641.7 Rental of Building/Real Property	-	-	-	-	-	-	-
642.7 Rental of Equipment	-	-	-	-	-	-	-
650.7 Transportation Expenses	1,878	-	1,878	118 (20)	1,996	-	1,996
656.7-659.7 Insurance	149	(78) (9)	71	-	71	-	71
667.7 Regulatory Commission Expense -Other	-	-	-	-	-	-	-
670.7 Bad Debt Expense	-	-	-	-	-	-	-
675.7 Miscellaneous Expenses	-	-	-	-	-	-	-
Total Customer Accounts Expenses	26,030	(12,211)	13,819	2,460	16,279	-	16,279
ADMINISTRATIVE AND GENERAL EXPENSES							
601.8 Salaries and Wages - Employees	21,745	(11,375) (5)	10,370	-	10,370	-	10,370
603.8 Salaries and Wages - Officers, Directors, etc	-	-	-	-	-	-	-
604.8 Employee Pensions & Benefits	1,450	(758) (7)	692	2,291 (17)	2,983	-	2,983
615.8 Purchased Power	-	-	-	-	-	-	-
616.8 Fuel for Power Production	-	-	-	-	-	-	-
620.8 Materials and Supplies	436	-	436	27 (20)	463	-	463
631.8-636.8 Contractual Services	17,793	(3,093) (11)	14,700	(4,560) (19)	10,140	-	10,140
641.8 Rental of Building/Real Property	-	-	-	-	-	-	-
642.8 Rental of Equipment	-	-	-	-	-	-	-
650.8 Transportation Expenses	376	-	376	24 (20)	400	-	400
656.8-659.8 Insurance	1,169	(78) (9)	1,091	-	1,091	-	1,091
660.8 Advertising Expense	8	-	8	-	8	-	8
666.8 Reg. Commission Exp. - Amort. Of Rate Case Exp.	-	-	-	-	-	-	-
667.8 Regulatory Commission Expense -Other	-	-	-	-	-	-	-
675.8 Miscellaneous Expenses	3,624	-	3,624	227 (20)	3,851	-	3,851
Total Administrative and General Expenses	46,601	(15,304)	31,297	(1,991)	29,306	-	29,306
Total Operation and Maintenance Expenses	406,789	(28,690)	378,099	69,673	447,772	-	447,772

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
 DEPRECIATION AND AMORTIZATION
 YEAR ENDED JUNE 30, 2023

Statement A
 Schedule 3

Account Number	Per Books (1) \$	Accounting Adjustments (2) \$	Per Books Adjusted (3) \$	Going Level Adjustments (4) \$	Going Level (5) \$	Proforma Adjustments (6) \$	Proforma (7) \$
403 Depreciation	73,595	-	73,595	-	73,595	-	73,595
404 Amortization	-	-	-	-	-	-	-
Total Depreciation and Amortization	73,595	-	73,595	-	73,595	-	73,595

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
 TAXES OTHER THAN INCOME TAXES
 YEAR ENDED JUNE 30, 2023

Statement A
 Schedule 4

Account Number	Per Books (1)	Accounting Adjustments (2)	Per Books Adjusted (3)	Going Level Adjustments (4)	Going Level (5)	Proforma Adjustments (6)	Proforma (7)
	\$	\$	\$	\$	\$	\$	\$
408.10 Utility Regulatory Assessment Fees	1,101		1,101		1,101		1,101
408.12 State Unemployment			-		-		-
408.12 F.I.C.A.	16,635		16,635		16,635		16,635
Total Taxes Other Than Income Taxes	17,736	-	17,736	-	17,736	-	17,736

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
OTHER INCOME
YEAR ENDED JUNE 30, 2023

Account Number	Per Books (1)	Accounting Adjustments (2)	Per Books Adjusted (3)	Going Level Adjustments (4)	Going Level (5)	Proforma Adjustments (6)	Proforma (7)
	\$	\$	\$	\$	\$	\$	\$
419 Interest Income	1,959		1,959	-	1,959	-	1,959
421 Nonutility Income	10,000	(10,000) (12)	-				
Total Other Income	11,959	(10,000)	1,959	-	1,959	-	1,959

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
 OTHER INCOME DEDUCTIONS
 YEAR ENDED JUNE 30, 2023

Statement A
 Schedule 7

Account Number	Per Books (1) \$	Accounting Adjustments (2) \$	Per Books Adjusted (3) \$	Going Level Adjustments (4) \$	Going Level (5) \$	Proforma Adjustments (6) \$	Proforma (7) \$
426.0 Miscellaneous Nonutility Expenses	14,853	(1,000)	13,853	(13,853)	-	-	-
427.3 Interest on Long-term Debt	76,698	-	76,698	(17,988)	58,710	-	58,710
427.4 Interest on Customer Deposits	-	-	-	-	-	-	-
428.0 Amortization of Debt discount and expenses	-	-	-	-	-	-	-
Total Other Income Deductions	91,551	(1,000)	90,551	(31,841)	58,710	-	58,710

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
 DETAIL OF DEBT CAPITAL
 YEAR ENDED JUNE 30, 2023

Debt Holder - PER BOOKS

Debt Holder	Nominal Date of Issue	Date of Maturity	Original Loan Amount	Outstanding per Balance Sheet	Annual Loan Service Payments			Annual Debt Service Reserve Req.	Debt Service Coverage Req.
					Rate %	Interest \$	Principal \$		
FMHA A 91-05	2/27/1991	2/27/2031	80,000	27,598	5.00%	1,467	3,247	Fully Funded	110
FMHA A 91-07	11/1/1999	11/10/2039	400,000	213,775	3.25%	7,127	11,237	Fully Funded	110
RUS 91-11	12/27/2011	12/27/2051	1,075,000	906,473	3.00%	27,516	19,951	1,858	110
RUS 91-18	8/16/2021	8/16/2061	1,768,000	1,758,148	1.375%	40,588	9,852	-	115
Total Debt Service			3,323,000	2,905,994		76,698	44,287	120,985	1,858

Debt Holder - GOING LEVEL

FMHA A 91-05	2/27/1991	2/27/2031	80,000	27,598	5.00%	1,378	3,338	Fully Funded	110
FMHA A 91-07	11/1/1999	11/10/2039	400,000	213,775	3.25%	6,776	11,608	Fully Funded	110
RUS 91-11	12/27/2011	12/27/2051	1,075,000	906,473	3.00%	26,471	21,001	Fully Funded	110
RUS 91-18	8/16/2021	8/16/2061	1,768,000	1,758,148	1.375%	24,085	35,747	5,983	115
Total Debt Service			3,323,000	2,905,994		58,710	71,694	130,404	5,983

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
CUSTOMER'S BILL ANALYSIS
YEAR ENDED JUNE 30, 2023

PER BOOKS ADJUSTED Residential Customers	Number of Bills	M. Gals Sold	Minimum Bills Rate	First 2 M Gallons	Next 3 M Gallons	Next 5 M Gallons	All Over 10 M Gallons	Total
July 2022 - April 2023 (10 months)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			\$	M Gallons	M Gallons	M Gallons	M Gallons	Revenue
								(9)
								\$
Minimum Bills								
5/8 inch meter	1,036	783.4	16.76	17,363				
3/4 inch meter	-	-	25.13	-				
1 inch meter	16	28.8	41.89	670				
1-1/2 inch meter	-	-	83.78	-				
2 inch meter	-	-	134.04	-				
3 inch meter	-	-	266.08	-				
4 inch meter	-	-	418.88	-				
First 2 M Gallons	273	482.2		482.2				
Next 3 M Gallons	805	2,576.1		1,610.0	969.1			
Next 5 M Gallons	218	1,442.8		436.0	654.0	352.8		
All Over 10 M Gallons	24	426.8		48.0	72.0	120.0	186.8	
	<u>2,372</u>	<u>5,743.1</u>		<u>2,576.2</u>	<u>1,695.1</u>	<u>472.8</u>	<u>186.8</u>	
Test Year Rates - \$				11.17	10.46	9.36	7.97	
Revenue Per Analysis				18,034	28,776	17,731	4,425	70,455

PER BOOKS ADJUSTED Residential Customers	Number of Bills	M. Gals Sold	Minimum Bills Rate	First 2 M Gallons	Next 3 M Gallons	Next 5 M Gallons	All Over 10 M Gallons	Total
May 2023 - June 2023 (2 months)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			\$	M Gallons	M Gallons	M Gallons	M Gallons	Revenue
								(9)
								\$
Minimum Bills								
5/8 inch meter or less	219	154.3	18.18	3,981				
3/4 inch meter	-	-	27.27	-				
1 inch meter	2	4.3	45.45	91				
1-1/2 inch meter	-	-	90.90	-				
2 inch meter	-	-	145.44	-				
3 inch meter	-	-	290.88	-				
4 inch meter	-	-	454.50	-				
First 2 M Gallons	47	84.8		84.8				
Next 3 M Gallons	157	504.9		314.0	190.9			
Next 5 M Gallons	44	280.3		86.0	132.0	60.3		
All Over 10 M Gallons	4	85.7		8.0	12.0	20.0	45.7	
	<u>473</u>	<u>1,114.3</u>		<u>494.8</u>	<u>334.9</u>	<u>80.3</u>	<u>45.7</u>	
Test Year Rates - \$				12.12	11.34	10.15	8.64	
Revenue Per Analysis				4,072	5,997	3,798	815	15,077

Total Revenue Per Analysis	85,532
Correction Factor	1,005031
Total Per Books Adjusted Residential Sales Revenue and Cash Working Capital Reserve Increment - \$	85,962
Less: Cash Working Capital Reserve Increment at 1.79% of Sales Revenue (10 months)	1,268
Less: Cash Working Capital Reserve Increment at 7.13% of Sales Revenue (2 months)	1,080
Net Per Books Adjusted Residential Sales Revenue	83,614

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
CUSTOMER'S BILL ANALYSIS
YEAR ENDED JUNE 30, 2023

PER BOOKS ADJUSTED Commercial Customers July 2022 - April 2023 (10 months)	Number of Bills (1)	M. Gals Sold (2)	Minimum Bills Rate (3)	Revenue (4)	First 2 M Gallons (5)	Next 3 M Gallons (6)	Next 5 M Gallons (7)	All Over 10 M Gallons (8)	Total Revenue (9)
Minimum Bills									
5/8 inch meter	297	139.9	16.76	4,978					
3/4 inch meter	-	-	25.13	-					
1 inch meter	14	38.3	41.89	586					
1-1/2 inch meter	1	8.0	83.78	84					
2 inch meter	30	2.5	134.04	4,021					
3 inch meter	-	-	268.08	-					
4 inch meter	-	-	418.88	-					
First 2 M Gallons	14	25.7			25.7				
Next 3 M Gallons	60	190.0			120.0	70.0			
Next 5 M Gallons	28	189.5			56.0	84.0	49.5		
All Over 10 M Gallons	73	2,271.0			146.0	219.0	365.0	1,541.0	
	517	2,864.9			347.7	373.0	414.5	1,541.0	
Test Year Rates - \$					11.17	10.46	9.36	7.97	
Revenue Per Analysis				9,669	3,884	3,902	3,880	12,282	33,616

PER BOOKS ADJUSTED Commercial Customers May 2023 - June 2023 (2 months)	Number of Bills (1)	M. Gals Sold (2)	Minimum Bills Rate (3)	Revenue (4)	First 2 M Gallons (5)	Next 3 M Gallons (6)	Next 5 M Gallons (7)	All Over 10 M Gallons (8)	Total Revenue (9)
Minimum Bills									
5/8 inch meter or less	51	17.7	18.18	927					
3/4 inch meter	-	-	27.27	-					
1 inch meter	-	-	45.45	-					
1-1/2 inch meter	-	-	90.90	-					
2 inch meter	6	1.4	145.44	873					
3 inch meter	-	-	290.88	-					
4 inch meter	-	-	454.50	-					
First 2 M Gallons	4	6.6			6.6				
Next 3 M Gallons	18	51.7			36.0	15.7			
Next 5 M Gallons	7	45.2			14.0	21.0	10.2		
All Over 10 M Gallons	17	516.1			34.0	51.0	85.0	346.1	
	103	638.7			90.6	87.7	95.2	346.1	
Test Year Rates - \$					12.12	11.34	10.15	8.64	
Revenue Per Analysis				1,800	1,088	995	966	2,990	7,849
Total Revenue Per Analysis									41,465
Correction Factor									0.999782
Total Per Books Adjusted Commercial Sales Revenue and Cash Working Capital Reserve Increment - \$									41,456
Less: Cash Working Capital Reserve Increment at 1.79% of Sales Revenue (10 months)									602
Less: Cash Working Capital Reserve Increment at 7.13% of Sales Revenue (2 months)									559
Net Per Books Adjusted Commercial Sales Revenue									40,295

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
 CUSTOMER'S BILL ANALYSIS
 YEAR ENDED JUNE 30, 2023

Statement D
 Sheet 3 of 9

PER BOOKS ADJUSTED Sales for Resale Customers July 2022 - April 2023 (10 months)	Number of Bills (1)	M. Gals Sold (2)	Previous Rate (3)	Total Revenue (4)
Mt. Zion Public Service District	10	25,140.7	4.94	124,195
Pleasant Hill Public Service District	40	34,410.7	4.94	169,989
Revenue Per Analysis	50	59,551.4		294,184

PER BOOKS ADJUSTED Sales for Resale Customers May 2023 - June 2023 (2 months)	Number of Bills (1)	M. Gals Sold (2)	Current Rate (3)	Total Revenue (4)
Mt. Zion Public Service District	2	4,156.9	5.37	22,323
Pleasant Hill Public Service District	8	4,436.8	5.37	23,826
Revenue Per Analysis	10	8,593.7		46,148

Total Revenue Per Analysis	340,332
Correction Factor	1.000000

Total Per Books Adjusted Sales for Resale Revenue and Cash Working Capital Reserve Increment - \$	340,332
Less: Cash Working Capital Reserve Increment at 1.79% of Sales Revenue (10 months)	5,266
Less: Cash Working Capital Reserve Increment at 7.13% of Sales Revenue (2 months)	3,290
Net Per Books Adjusted Sales for Resale Revenue	331,776

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GRANTSVILLE MUNICIPAL WATER DEPARTMENT
 CUSTOMER'S BILL ANALYSIS
 YEAR ENDED JUNE 30, 2023

Statement D
 Sheet 4 of 9

GOING LEVEL Residential Customers July 2022 - June 2023 (12 months)	Number of Bills (1)	M. Gals Sold (2)	Minimum Bills Rate (3)	Minimum Bills Revenue (4)	First M Gallons (5)	Next 3 M Gallons (6)	Next 5 M Gallons (7)	All Over 10 M Gallons (8)	Total Revenue (9)
			\$	\$					\$
Minimum Bills									
5/8 inch meter	1,255	937.7	18.18	22,816					
3/4 inch meter	-	-	27.27	-					
1 inch meter	18	33.1	45.45	818					
1-1/2 inch meter	-	-	90.90	-					
2 inch meter	-	-	145.44	-					
3 inch meter	-	-	290.88	-					
4 inch meter	-	-	454.50	-					
First 2 M Gallons	320	567.0			567.0				
Next 3 M Gallons	962	3,084.0			1,924.0	1,160.0			
Next 5 M Gallons	262	1,723.1			524.0	786.0	413.1		
All Over 10 M Gallons	28	512.5			56.0	84.0	140.0	232.5	
	<u>2,845</u>	<u>6,857.4</u>			<u>3,071.0</u>	<u>2,030.0</u>	<u>553.1</u>	<u>232.5</u>	
Current Rates - \$					12.12	11.34	10.15	8.64	
Total Revenue Per Analysis					23,634	37,221	23,020	5,614	2,009
Correction Factor									<u>1,005,031</u>
Total Going Level Residential Sales Revenue and Cash Working Capital Reserve Increment - \$									<u>91,958</u>
Less: Cash Working Capital Reserve Increment at 7.13% of Sales Revenue									<u>6,557</u>
Net Going Level Residential Sales Revenue									<u><u>85,401</u></u>

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
 CUSTOMER'S BILL ANALYSIS
 YEAR ENDED JUNE 30, 2023

Statement D
 Sheet 5 of 9

GOING LEVEL	Number of Bills	M. Gals Sold	Minimum Bills Rate	Revenue	First 2 M Gallons	Next 3 M Gallons	Next 5 M Gallons	All Over 10 M Gallons	Total
Commercial Customers July 2022 - June 2023 (12 months)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			\$	\$					\$
Minimum Bills									
5/8 inch meter	348	157.6	18.18	6,327					
3/4 inch meter	-	-	27.27	-					
1 inch meter	14	38.3	45.45	636					
1-1/2 inch meter	1	8.0	90.90	91					
2 inch meter	36	3.9	145.44	5,236					
3 inch meter	-	-	290.88	-					
4 inch meter	-	-	454.50	-					
First 2 M Gallons	18	32.3			32.3				
Next 3 M Gallons	78	241.7			156.0	85.7			
Next 5 M Gallons	35	234.7			70.0	105.0	59.7		
All Over 10 M Gallons	90	2,787.1			180.0	270.0	450.0	1,887.1	
Current Rates - \$	620	3,503.6			438.3	460.7	509.7	1,887.1	
Total Revenue Per Analysis				12,290	5,312	5,224	5,173	16,305	44,304
Correction Factor									0.999782
Total Going Level Commercial Sales Revenue and Cash Working Capital Reserve Increment - \$									44,295
Less: Cash Working Capital Reserve Increment at 7.13% of Sales Revenue									3,158
Net Going Level Commercial Sales Revenue									41,137

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GRANTSVILLE MUNICIPAL WATER DEPARTMENT
 CUSTOMER'S BILL ANALYSIS
 YEAR ENDED JUNE 30, 2023

Statement D
 Sheet 6 of 9

GOING LEVEL Sales for Resale Customers July 2022 - June 2023 (12 months)	Number of Bills	M. Gals Sold	Current Rate	Total Revenue
	(1)	(2)	(3)	(4)
Mt. Zion Public Service District	12	29,297.6	5.37	\$ 157,328
Pleasant Hill Public Service District	48	38,847.5	5.37	208,611
	60	68,145.1		
Total Revenue Per Analysis				365,939
Correction Factor				1.000000
Total Going Level Sales for Resale Revenue and Cash Working Capital Reserve Increment - \$				365,939
Less: Cash Working Capital Reserve Increment at 7.13% of Sales Revenue				26,091
Net Going Level Sales for Resale Revenue				339,848

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
CUSTOMER'S BILL ANALYSIS
YEAR ENDED JUNE 30, 2023

PROFORMA Residential Customers July 2022 - June 2023 (12 months)	Number of Bills (1)	M. Gals Sold (2)	Minimum Bills Rate (3)	Minimum Bills Revenue (4)	First 2 M Gallons (5)	Next 3 M Gallons (6)	Next 5 M Gallons (7)	All Over 10 M Gallons (8)	Total Revenue (9)
			\$	\$					\$
Minimum Bills									
5/8 inch meter	1,255	937.7	29.09	36,508					
3/4 inch meter	-	-	43.64	-					
1 inch meter	18	33.1	72.73	1,309					
1-1/2 inch meter	-	-	145.45	-					
2 inch meter	-	-	232.72	-					
3 inch meter	-	-	465.44	-					
4 inch meter	-	-	727.25	-					
First 2 M Gallons	320	567.0			567.0				
Next 3 M Gallons	962	3,084.0			1,924.0	1,160.0			
Next 5 M Gallons	262	1,723.1			524.0	786.0	413.1		
All Over 10 M Gallons	28	512.5			56.0	84.0	140.0	232.5	
Adopted Rates - \$	2,845	6,857.4			3,071.0	2,030.0	553.1	232.5	
Total Revenue Per Analysis					19.39	18.14	16.24	13.82	
Correction Factor					37,817	36,824	8,982	3,213	146,383
Total Proforma Residential Sales Revenue and Cash Working Capital Reserve Increment - \$									1,005,031
Less: Cash Working Capital Reserve Increment at 8.88% of Sales Revenue									147,120
Net Proforma Residential Sales Revenue									13,064
									134,056

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
 CUSTOMER'S BILL ANALYSIS
 YEAR ENDED JUNE 30, 2023

Statement D
 Sheet 8 of 9

PROFORMA Commercial Customers July 2022 - June 2023 (12 months)	Number of Bills (1)	M. Gals Sold (2)	Minimum Bills Rate (3)	Minimum Bills Revenue (4)	First M Gallons (5)	Next 3 Gallons (6)	Next 5 Gallons (7)	All Over 10 Gallons (8)	Total Revenue (9)
			\$	\$					\$
Minimum Bills									
5/8 inch meter	348	157.6	29.09	10,123					
3/4 inch meter	-	-	43.64	-					
1 inch meter	14	38.3	72.73	1,018					
1-1/2 inch meter	1	8.0	145.45	145					
2 inch meter	36	3.9	232.72	8,378					
3 inch meter	-	-	465.44	-					
4 inch meter	-	-	727.25	-					
First 2 M Gallons	18	32.3			32.3				
Next 3 M Gallons	78	241.7			156.0	85.7			
Next 5 M Gallons	35	234.7			70.0	105.0	59.7		
All Over 10 M Gallons	90	2,787.1			180.0	270.0	450.0	1,887.1	
Adopted Rates - \$	620	3,503.6			438.3	460.7	509.7	1,887.1	
Total Revenue Per Analysis				19,665	8,499	8,357	8,278	26,080	70,878
Correction Factor									0.999782
Total Proforma Commercial Sales Revenue and Cash Working Capital Reserve Increment - \$									70,862
Less: Cash Working Capital Reserve Increment at		8.88% of Sales Revenue							6,293
Net Proforma Commercial Sales Revenue									64,569

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GRANTSVILLE MUNICIPAL WATER DEPARTMENT
 CUSTOMER'S BILL ANALYSIS
 YEAR ENDED JUNE 30, 2023

Statement D
 Sheet 9 of 9

PROFORMA Sales for Resale Customers July 2022 - June 2023 (12 months)	Number of Bills (1)	M. Gals Sold (2)	Adopted Rate (3)	Total Revenue (4)
Mt. Zion Public Service District	12	29,297.6	6.37	\$ 186,626
Pleasant Hill Public Service District	48	38,847.5	6.37	247,459
	60	68,145.1		
Total Revenue Per Analysis				434,084
Correction Factor				1.000000
Total Proforma Sales for Resale Revenue and Cash Working Capital Reserve Increment - \$				434,084
Less: Cash Working Capital Reserve Increment at 8.88% of Sales Revenue				38,547
Net Proforma Sales for Resale Revenue				395,537

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GRANTSVILLE MUNICIPAL WATER DEPARTMENT
 RATE COMPARISON
 YEAR ENDED JUNE 30, 2023

Statement D
 Schedule 1

	Current	Town's Adopted		
	Rates	Rates	Increase	Increase
	\$	\$	\$	%
<u>Residential, Commercial and Industrial Rates</u>				
First 2,000 gallons used per month	12.12	19.39	7.27	59.98%
Next 3,000 gallons used per month	11.34	18.14	6.80	59.96%
Next 5,000 gallons used per month	10.15	16.24	6.09	60.00%
All Over 10,000 gallons used per month	8.64	13.82	5.18	59.95%
<u>Resale Service Rate</u>	5.37	6.37	1.00	18.62%
<u>Minimum Customer Charge</u>				
5/8 inch meter	18.18	29.09	10.91	60.01%
3/4 inch meter	27.27	43.64	16.37	60.03%
1 inch meter	45.45	72.73	27.28	60.02%
1-1/2 inch meter	90.90	145.45	54.55	60.01%
2 inch meter	145.44	232.72	87.28	60.01%
3 inch meter	290.88	465.44	174.56	60.01%
4 inch meter	454.50	727.25	272.75	60.01%
<u>Connection Fee</u>				
New Water Service Line One Inch and Smaller	482.00	500.00	18.00	3.73%
New Water Service Line Larger Than One Inch	Actual Cost	Actual Cost		
<u>Reconnection Fee</u>	25.00	30.00	5.00	20.00%
<u>Leak Adjustment Increment</u>				
Per 1,000 gallon	0.95	1.46	0.51	53.68%
<u>Read Meter at Customer Request</u>				
Not less than	25.00	25.00	-	0.00%
<u>Returned Check Rate</u>	-	30.00	30.00	

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
CASE NO. 24-0755-W-MA

Statement D
Schedule 2
Sheet 1 of 3

CURRENT TARIFF

PHASE 2

APPLICABILITY

Applicable in entire territory served.

AVAILABILITY

Available for general domestic, commercial, industrial and sale for resale service.

RESIDENTIAL, COMMERCIAL AND INDUSTRIAL RATES

First	2,000 gallons used per month	\$ 12.12	per 1,000 gallons
Next	3,000 gallons used per month	\$ 11.34	per 1,000 gallons
Next	5,000 gallons used per month	\$ 10.15	per 1,000 gallons
All over	10,000 gallons used per month	\$ 8.64	per 1,000 gallons

MINIMUM CUSTOMER CHARGE

5/8 inch meter	\$ 18.18	per month
3/4 inch meter	\$ 27.27	per month
1 inch meter	\$ 45.45	per month
1 - 1/2 inch meter	\$ 90.90	per month
2 inch meter	\$ 145.44	per month
3 inch meter	\$ 290.88	per month
4 inch meter	\$ 454.50	per month

DELAYED PAYMENT PENALTY

The above schedule is net. On all accounts not paid on or before the 20th day after the billing date, ten percent (10%) shall be added to the net amount shown. This delayed payment penalty is not interest and is only to be collected once for each bill when appropriate.

SECURITY DEPOSIT

Not to exceed two-twelfths (2/12) of the average annual usage of the applicant's specific customer class, or fifty dollars (\$50.00), whichever is greater. This fee may be changed by applicable statutory provisions.

CURRENT TARIFF

PHASE 2 (Continued)CONNECTION FEE

The connection fee shall be \$482 for each new water service line one inch and smaller, and shall include the tap of the main line, the service line from the main to the property line or curb stop, and the meter installation, including the meter pit or vault.

The connection fee for service lines larger than one inch shall be the actual cost of the installation, and shall include the tap of the main, the service line from the main to the property line, and the meter installation, including the meter pit or vault. Upon receipt of an application for a service connection larger than one inch, the utility will provide an estimate of actual cost, which amount must be deposited by the applicant in advance of installation. Upon completion of the installation, a final settlement of the actual installation cost will be prepared and submitted for payment to the applicant. The amount of payment due will be reduced by the amount of the advance deposit. In the event of an excess in the amount deposited over the actual installation cost, the amount of excess will be promptly refunded to the applicant.

DISCONNECTION FEE

If any bill is not paid within sixty (60) days after the due date, water service to the customer will be discontinued. Water service will not be restored until past due water bills have been paid in full and all accrued penalties plus a reconnection charge have been paid.

RECONNECTION FEE

There shall be a \$25.00 reconnection charge for re-established service.

RESALE SERVICE RATE:

\$ 5.37 per 1,000 gallons per month.

LEAK ADJUSTMENT RATE

An incremental charge of \$0.95 per 1,000 gallons per month shall be charged for all water billed in excess of the customer's historic usage for a water leak that is determined by the Public Service Commission to be eligible for an adjustment of the water service charge.

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
CASE NO. 24-0755-W-MA

Statement D
Schedule 2
Sheet 3 of 3

CURRENT TARIFF

PHASE 2 (Continued)

READ METER AT CUSTOMER REQUEST

Customer shall remit an amount equal to the estimated cost incurred, but not less than \$25.00

EFT, CREDIT CARD AND DROP BOX PAYMENTS FOR MUNICIPALITIES

A service charge will be imposed on EFT, Credit Card or Drop Box payments. The amount shall be equal to the actual charges to the Municipality from the financial institution for processing payment. No additional charge or fee shall be collected by the Municipality for accepting these forms of payments.

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
CASE NO. 24-0755-W-MA

Statement D
Schedule 3
Sheet 1 of 3

ADOPTED TARIFF
Effective for all service rendered on and after September 3, 2024

SCHEDULE I

APPLICABILITY

Applicable in the entire territory or area served.

AVAILABILITY OF SERVICE

Available for general domestic, commercial, industrial customers and sale for resale service.

RESIDENTIAL, COMMERCIAL AND INDUSTRIAL RATES

First	2,000 gallons used per month	\$ 19.39	per 1,000 gallons
Next	3,000 gallons used per month	\$ 18.14	per 1,000 gallons
Next	5,000 gallons used per month	\$ 16.24	per 1,000 gallons
All over	10,000 gallons used per month	\$ 13.82	per 1,000 gallons

RESALE SERVICE RATE

\$ 6.37 per 1,000 gallons

MINIMUM CUSTOMER CHARGE

5/8 inch meter	\$ 29.09	per month
3/4 inch meter	\$ 43.64	per month
1 inch meter	\$ 72.73	per month
1 - 1/2 inch meter	\$ 145.45	per month
2 inch meter	\$ 232.72	per month
3 inch meter	\$ 465.44	per month
4 inch meter	\$ 727.25	per month

No bill will be rendered for less than the following amount \$ 29.09

DELAYED PAYMENT PENALTY

The above schedule is net. On all current usage billing not paid in full within twenty (20) days after the billing date, ten percent (10%) will be added to the net current amount unpaid. This delayed payment penalty is not interest and is only to be collected once for each bill where it is appropriate.

SECURITY DEPOSIT

Not to exceed two-twelfths (2/12) of the annual usage of the applicant's specific customer class, or fifty (\$50.00), whichever is greater. This fee may be changed by applicable statutory provisions.

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
CASE NO. 24-0755-W-MA

Statement D
Schedule 3
Sheet 2 of 3

ADOPTED TARIFF
Effective for all service rendered on and after September 3, 2024

SCHEDULE I (Continued)

CONNECTION/TAP FEE

The connection fee shall be \$500 for each new water service line one inch and smaller, and shall include the tap of the main line, the service line from the main to the property line or curb stop, and the meter installation, including the meter pit or vault.

The connection fee for service lines larger than one inch shall be the actual cost of the installation, and shall include the tap of the main, the service line from the main to the property line, and the meter installation, including the meter pit or vault. Upon receipt of an application for a service connection larger than one inch, the utility will provide an estimate of actual cost, which amount must be deposited by the applicant in advance of installation. Upon completion of the installation, a final settlement of the actual installation cost will be prepared and submitted for payment to the applicant. The amount of payment due will be reduced by the amount of the advance deposit. In the event of an excess in the amount deposited over the actual installation cost, the amount of excess will be promptly refunded to the applicant.

DISCONNECTION FEE

If any bill is not paid within sixty (60) days after the due date, water service to the customer will be discontinued. Water will not be restored until past due water bills have been paid in full and all accrued penalties plus a reconnection charge have been paid.

RECONNECTION FEE

There shall be a \$30.00 reconnection charge for re-established service.

LEAK ADJUSTMENT RATE

An incremental charge of \$1.46 per 1,000 gallons per month shall be charged for all water billed in excess of the customer's historic usage for a water leak that is determined by the Public Service Commission to be eligible for an adjustment of the water service charge.

READ METER AT CUSTOMER REQUEST

Customer shall remit an amount equal to the estimated cost incurred, but not less than \$25.00.

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
CASE NO. 24-0755-W-MA

Statement D
Schedule 3
Sheet 3 of 3

ADOPTED TARIFF
Effective for all service rendered on and after September 3, 2024

SCHEDULE I (Continued)

RETURNED CHECK RATE

If a check is returned by the bank for any reason, the bank's charge to the utility shall be the utility's charge to the customer for such a bad check, but such charge to customer shall not exceed \$30.00.

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
COMPARATIVE BALANCE SHEET - PER BOOKS
YEAR ENDED JUNE 30, 2023

Statement F
Sheet 1 of 2

	YEAR ENDED	
	06/30/22	06/30/23
	\$	\$
ASSETS AND OTHER DEBITS		
Utility Plant		
Plant	7,271,426	10,166,237
Less: Accumulated Depreciation	<u>(2,716,528)</u>	<u>(2,908,717)</u>
Net Utility Plant	<u>4,554,898</u>	<u>7,257,520</u>
Other Property and Investments		
Investment in Associated Companies		
Utility Investments		
Other Investments		
Sinking Funds	50,154	53,365
Depreciation Fund	6,052	6,342
Other Special Funds	71,964	100
Other Special Funds: Cash Working Capital Res.	<u>100</u>	<u>100</u>
Total Other Property and Investments	<u>128,270</u>	<u>59,907</u>
Current and Accrued Assets		
Cash	43,594	162
Special deposits	7,907	2,400
Working funds		
Temporary Cash Investments		
Customer accounts receivable	42,044	38,877
Other Accounts Receivable		
Accum prov for uncollectible accounts	(1,610)	(1,573)
Notes Receivable		
Receivables from Associated Companies	9,210	7,766
Materials and Supplies	1,252	1,252
Prepayments	1,585	736
Accrued Interest and Dividends Receivable		
Rents Receivable		
Accrued Utility Revenues		
Misc current and accrued assets	<u>106,866</u>	<u>174,107</u>
Total Current and Accrued Assets	<u>210,848</u>	<u>223,727</u>
Deferred Debits		
Unamortized Debt Discount and Expense		
Extraordinary Property Losses		
Preliminary Survey and Investigation charges		
Clearing Accounts		
Temporary Facilities		
Miscellaneous Deferred Debits	63,918	58,550
Research and Development Expenditures		
Accumulated Deferred Income Taxes		
Total Deferred Debits	<u>63,918</u>	<u>58,550</u>
Total Assets and Other Debits	<u>4,957,934</u>	<u>7,599,704</u>

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
COMPARATIVE BALANCE SHEET - PER BOOKS
YEAR ENDED JUNE 30, 2023

Statement F
Sheet 2 of 2

	YEAR ENDED	
	06/30/22	06/30/23
	\$	\$
LIABILITIES AND OTHER CREDITS		
Capital Stock and Surplus		
Retained Earnings	152,105	55,195
Total Capital Stock and Surplus	152,105	55,195
Long Term Debt		
Bonds	2,699,342	2,905,994
Advances from Associated Companies		
Other long-term debt		
Total Long Term Debt	2,699,342	2,905,994
Current and Accrued Liabilities		
Accounts Payable	13,555	13,461
Notes Payable		
Payable to associated companies		5,784
Customer Deposits	6,755	1,625
Accrued Taxes		
Accrued Interest	17,903	2,217
Accrued Dividends		
Mature Long-Term Debt and Interest		
Misc current and accrued liabilities	266,467	284,026
Total Current and Accrued Liabilities	304,680	307,113
Deferred Credits		
Unamortized Premium on Debt		
Customer Advances for Construction		
Other Deferred Credits	192,575	5,317
Accumulated Deferred Investment Tax Credits		
Total Deferred Credits	192,575	5,317
Operating Reserves		
Property Insurance Reserve		
Injuries and Damages Reserve		
Pensions and Benefits Reserve		
Miscellaneous Operating Reserves	16,989	29,351
Total Operating Reserves	16,989	29,351
Contributions in Aid of Construction	3,311,925	6,144,635
Accumulated Amortization of Contributions in Aid of Construction	(1,719,682)	(1,847,901)
Total Contributions in Aid of Construction	1,592,243	4,296,734
Accumulated Deferred Income Taxes		
Accelerated Amortization		
Liberalized Depreciation		
Other		
Total Accumulated Deferred Income Taxes	-	-
Total Liabilities and Other Credits	4,805,829	7,544,509
Total Liabilities and Equity	4,957,934	7,599,704

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
CASH FLOW STATEMENT
YEAR ENDED JUNE 30, 2023

Statement F
Schedule 2
Sheet 1 of 2

	<u>Per Books</u> \$	<u>Per Books</u> <u>Adjusted</u> \$	<u>Going Level</u> \$	<u>Proforma</u> \$
Available Cash				
Unmetered Sales	624			
Metered Sales	152,787	123,909	126,538	198,625
Sales for Resale	299,981	331,776	339,848	395,537
Forfeited Discounts	4,035	4,233	4,332	5,519
Miscellaneous Service Revenues	27,768	3,037	3,037	3,037
Other Water Revenues	-	-	-	-
Total Operating Revenues	<u>485,195</u>	<u>462,955</u>	<u>473,755</u>	<u>602,718</u>
Cash Working Capital Reserve Increment	12,362	12,177	36,139	58,442
Interest Income	1,959	1,959	1,959	1,959
Nonutility Income	10,000	-	-	-
Total Available Cash	<u>509,516</u>	<u>477,091</u>	<u>511,853</u>	<u>663,119</u>
Cash Requirements				
Operation and Maintenance Expenses	406,789	378,099	447,772	447,772
Taxes Other Than Income Taxes	<u>17,736</u>	<u>17,736</u>	<u>17,736</u>	<u>17,736</u>
Total Cash Requirements	<u>424,525</u>	<u>395,835</u>	<u>465,508</u>	<u>465,508</u>
Cash Available for Debt Service	(A) 84,991	<u>81,256</u>	<u>46,345</u>	<u>197,611</u>
Debt Service Requirements				
Bonds - Interest Expense	76,698	76,698	58,710	58,710
Principal Retirement	44,287	44,287	71,694	71,694
Sub-Total	(B) 120,985	<u>120,985</u>	<u>130,404</u>	<u>130,404</u>
Debt Service Reserve Funding	1,858	1,858	5,983	5,983
Sub-total Other Debt Service	-	-	-	-
Interest on Customer Deposit	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total Debt Service Requirements				
Before Renewal and Replacement Reserve	<u>122,843</u>	<u>122,843</u>	<u>136,387</u>	<u>136,387</u>
Miscellaneous Nonutility Expenses	14,853	13,853	-	-
Cash Working Capital Reserve Allowance	<u>12,362</u>	<u>12,177</u>	<u>36,139</u>	<u>58,442</u>
Remaining Cash Surplus (Deficit)	<u>(65,067)</u>	<u>(67,617)</u>	<u>(126,181)</u>	<u>2,782</u>
Cash Surplus Available for Capital Additions				
Renewal and Replacement Reserve (2.5%)				
Less: Debt Service Reserve Funding			5,861	9,085
Remaining Surplus After R & R Fund			<u>(132,042)</u>	<u>(6,303)</u>
Total Available for Capital Additions			<u>(126,181)</u>	<u>2,782</u>
Debt Service Coverage Factor (A) / (B)	<u>70.25%</u>	<u>67.16%</u>	<u>35.54%</u>	<u>151.54%</u>

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
 FIVE YEAR AVERAGE OF NET PLANT ADDITIONS
 YEAR ENDED JUNE 30, 2023

	2023	2022	2021	2020	2019	Total
PER BOOKS ADJUSTED						
Plant Additions	4,784,310	26,580	-	-	3,582	\$ 4,814,472
Adjustments to Plant Additions Reclassified from Income	(10,000) (12)					\$ (10,000)
Debt	(1,768,000)					\$ (1,768,000)
CIAC	(2,832,710)	(24,969)	-	-	(3,657)	\$ (2,861,336)
Net	173,600	1,611	-	-	(75)	\$ 175,136
ADJUSTED						
Plant Additions	4,784,310	26,580	-	-	3,582	\$ 4,814,472
Adjustments to Plant Additions Reclassified from Income	(69,998)					\$ (69,998)
Debt	(1,768,000)					\$ (1,768,000)
Gain on Disposition of Property						\$ -
CIAC	(2,832,710)	(24,969)	-	-	(3,657)	\$ (2,861,336)
Net	113,602	1,611	-	-	(75)	\$ 115,138
CC Index	1,033	1,078	1,167	1,199	1,218	
Adjusted Net Additions	117,351	1,737	-	-	(91)	118,997
					5 year Average	\$ 23,799

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GRANTSVILLE MUNICIPAL WATER DEPARTMENT
 DETAIL OF ADJUSTMENTS
 YEAR ENDED JUNE 30, 2023

Statement G
 Sheet 1 of 6

Adjustment Number	Account Number	ACCOUNTING ADJUSTMENTS	INCREASE <DECREASE> \$
(1)	460.0 461.1	Unmetered Water Revenues Metered Revenues - Residential Revenues	(524) 624
		To reclassify bulk water revenues from unmetered water revenues.	
(2)	461.1 461.2	Metered Revenues - Residential Revenues Metered Revenues - Commercial Revenues	3,709 (1,403)
		To adjust metered sales to match the billing register for the test year.	
(3)	461.2 466.0	Metered Revenues - Commercial Revenues Sales for Resale	(31,809) 31,809
		To reclassify sales for resale revenues from metered revenues.	
(4)	461.1 461.2 466.0 470.0	Metered Revenues - Residential Revenues Metered Revenues - Commercial Revenues Sales for Resale Forfeited Discounts	(35) 36 (14) 198

ORDW Grantsville 19A - CWCR% 1.79%
 Case No. 20-0040-W-CN - CWCR% 7.13%

	Residential Revenue	Commercial Revenue	Sales for Resale	Forfeited Discounts	Total Sales and Forfeited Discounts	CWCR %	CWCR Amounts
July - April	70,809	33,609	294,184	3,703	402,305	1.79%	7,201
May - June	15,153	7,847	46,148	642	69,790	7.13%	4,976
Total	85,962	41,456	340,332	4,345	472,095		12,177

	Per Books Revenue and CWCR Increment	Per Books Adjusted CWCR Increment	Per Books CWCR Increment	Adjustment
Residential Revenue	85,962	(2,348)	(2,313)	(35)
Commercial Revenue	41,456	(1,161)	(1,197)	36
Sales for Resale	340,332	(8,556)	(8,542)	(14)
Forfeited Discounts	4,345	(112)	(310)	198
Total	472,095	(12,177)	(12,362)	185

To reclassify the CWCR increment, from ORDW Grantsville 19A and Case No. 20-0040-W-CN, from per book rates.

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
 DETAIL OF ADJUSTMENTS
 YEAR ENDED JUNE 30, 2023

Statement G
 Sheet 2 of 6

<u>Adjustment Number</u>	<u>Account Number</u>	<u>ACCOUNTING ADJUSTMENTS</u>	<u>INCREASE <DECREASE></u> \$
(5)	601.3	Salaries and Wages - Employees	47,045
	601.5	Salaries and Wages - Employees	(24,295)
	601.7	Salaries and Wages - Employees	(11,375)
	601.8	Salaries and Wages - Employees	(11,375)
		To reclassify employee salaries and wages into the proper accounts.	
(6)	471.0	Miscellaneous Service Revenues	(24,731)
	601.3	Salaries and Wages - Employees	(24,731)
		To remove overtime and reimbursements for the overtime related to the water project.	
(7)	604.3	Employee Pensions & Benefits	3,137
	604.5	Employee Pensions & Benefits	(1,621)
	604.7	Employee Pensions & Benefits	(758)
	604.8	Employee Pensions & Benefits	(758)
		To reclassify employee pensions and benefits according to the adjusted employee salaries and wages allocations.	
(8)	620.3	Materials and Supplies	(366)
		To remove an invoice that was recorded twice.	
(9)	658.3	Insurance	322
	658.5	Insurance	(166)
	658.7	Insurance	(78)
	658.8	Insurance	(78)
		To reclassify workers' compensation expense according to the adjusted employee salaries and wages allocations.	
(10)	641.5	Rental of Building/Real Property	(500)
		To reflect twelve months of rent.	
(11)	632.8	Contractual Services	(3,093)
		To remove the sewer portion of the annual Public Service Commission report expense.	
(12)	421.0	Nonutility Income	(10,000)
	271.0	Contributions in Aid of Construction	10,000
		To reclassify ARPA grant money from nonutility income to contributions in aid of construction.	
(13)	426.0	Miscellaneous Nonutility Expenses	(1,000)
		To remove bond costs.	

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
 DETAIL OF ADJUSTMENTS
 YEAR ENDED JUNE 30, 2023

Statement G
 Sheet 3 of 6

<u>Adjustment</u>	<u>Account</u>		<u>INCREASE</u>
<u>Number</u>	<u>Number</u>	<u>GOING LEVEL ADJUSTMENTS</u>	<u><DECREASE></u>
			\$

(14)	461.1	Metered Revenues - Residential Revenues	5,996
	461.2	Metered Revenues - Commercial Revenues	2,839
	488.0	Sales for Resale	25,607

	Sales for Residential Customers	Sales for Commercial Customers	Sales for Resale Customers	All Customer Classes
Going Level Sales and CWCR	91,958	44,295	365,939	502,192
Less: Per Books Adjusted Sales and CWCR	85,962	41,456	340,332	467,750
Adjustment	5,996	2,839	25,607	34,442

To adjust for current rates that became effective for service rendered on or after April 28, 2023.

(15)	470.0	Forfeited Discounts	320
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Per Books Adjusted Forfeited Discounts and CWCR Increment		4,345	
Per Books Adjusted Sales and CWCR Increment		467,750	
Forfeited Discount Rate		0.93%	
Going Level Sales and CWCR Increment			502,192
Forfeited Discount Rate			0.93%
Going Level Forfeited Discounts and CWCR Increment			4,665
Less: Per Books Adjusted Forfeited Discounts and CWCR Increment			4,345
Adjustment			320

To adjust late fees for the going level increase.

(16)	461.1	Metered Revenues - Residential Revenues	(4,208)
	461.2	Metered Revenues - Commercial Revenues	(1,997)
	466.0	Sales for Resale	(17,535)
	470.0	Forfeited Discounts	(221)

Case No. 20-0040-W-CN
 CWCR Increment in Approved Rates 7.13%

	Residential	Commercial	Sales for Resale	Forfeited Discounts	Total
Going Level Revenue and CWCR Increment	91,958	44,295	365,939	4,665	506,857
Current CWCR Increment	7.13%	7.13%	7.13%	7.13%	7.13%
Going Level CWCR Increment	(6,557)	(3,158)	(26,091)	(333)	(36,139)
Less: Per Books Adjusted CWCR Increment	(2,348)	(1,161)	(8,556)	(112)	(12,177)
Adjustment	(4,209)	(1,997)	(17,535)	(221)	(23,962)

To reclassify the CWCR increment, approved in Case No. 20-0040-W-CN.

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
 DETAIL OF ADJUSTMENTS
 YEAR ENDED JUNE 30, 2023

Statement G
 Sheet 4 of 6

Adjustment Number	Account Number		INCREASE <DECREASE> \$
<u>GOING LEVEL ADJUSTMENTS</u>			
(17)	604.3	Employee Pensions & Benefits	29,597
	604.5	Employee Pensions & Benefits	13,844
	604.7	Employee Pensions & Benefits	2,291
	604.8	Employee Pensions & Benefits	2,291
	426.0	Miscellaneous Nonutility Expenses	(13,853)

	Beginning Balance	Ending Balance	Change in Balance	To Reverse
<u>GASB 68 & 75</u>				
Deferred Outflows	63,918	58,550	(5,368)	(5,368)
OPEB Liability	10,045	3,722	(6,323)	6,323
Pension Liability	(106,866)	42,477	149,343	(149,343)
Deferred Inflows	192,575	5,317	(187,258)	187,258
In-Kind OPEB				13,853
Subtotal Impact to Pension and Benefits Expense				52,723
Prior Period Adjustment				(4,700)
Total Impact to Pension and Benefits Expense				<u>48,023</u>

Account	Per Books Adjusted	Allocation	Adjustment Allocation
604.3	8,939	61.63%	29,597
604.5	4,181	28.83%	13,844
604.7	692	4.77%	2,291
604.8	692	4.77%	2,291
	<u>14,504</u>	<u>100.00%</u>	<u>48,023</u>

To reverse the impact of GASB 68 and 75 adjustments.

(18)	615.3	Purchased Power	3,834
	616.3	Fuel for Power Production	833
	618.3	Chemicals	12,500
	631.3-636.3	Contractual Services	2,084
	656.3-659.3	Insurance	833
	675.3	Miscellaneous Expenses	833

	Project-Related Expense	Factor	Adjustment
Purchased Power	4,600	83%	3,834
Fuel for Power Production	1,000	83%	833
Chemicals	15,000	83%	12,500
Contractual Services	2,500	83%	2,084
Insurance	1,000	83%	833
Miscellaneous Expenses	1,000	83%	833
Total	<u>25,100</u>		<u>20,917</u>

To annualize project related expenses that were identified in Case No. 20-0040-W-CN.

(19)	632.8	Contractual Services	(4,560)
		Current Audit Expense	7,125
		8% State Auditor's fee	570
		Total Current Audit Engagement Expense	7,695
		Water Allocation	33.33%
		Going Level Audit Expense	2,565
		Less: Per Books Audit Expense	7,125
		Adjustment	<u>(4,580)</u>

To reflect current audit engagement expense and state auditor's fee associated with the audit engagement.

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
 DETAIL OF ADJUSTMENTS
 YEAR ENDED JUNE 30, 2023

Statement G
 Sheet 5 of 6

Adjustment Number	Account Number	GOING LEVEL ADJUSTMENTS	INCREASE <DECREASE> \$
(20)	618.3	Chemicals	2,533
	620.3	Materials and Supplies	2,106
	650.3	Transportation Expenses	47
	675.3	Miscellaneous Expenses	113
	650.5	Transportation Expenses	47
	620.7	Materials and Supplies	51
	650.7	Transportation Expenses	118
	620.8	Materials and Supplies	27
	650.8	Transportation Expenses	24
	675.8	Miscellaneous Expenses	227

Gross Domestic Product: Implicit
 Price Deflator, Index 2012=100,
 Quarterly, Seasonally Adjusted
 (Historical)

7/1/22 - 9/30/22	119.057
10/1/22 - 12/31/22	120.157
1/1/23 - 3/31/23	121.251
4/1/23 - 6/30/23	121.804
Average	120.567

GDP Forecast Deflator 128.126
 GDP Historical Deflator 120.567
 Difference 7.559
 % change 6.27%

GDP Implicit Price
 Deflator Monthly
 (Forecast)

Jan-25	126.754
Feb-25	127.014
Mar-25	127.265
Apr-25	127.490
May-25	127.736
Jun-25	127.987
Jul-25	128.251
Aug-25	128.504
Sep-25	128.755
Oct-25	128.999
Nov-25	129.250
Dec-25	129.504
Average	128.126

Source: U.S. Energy Information Administration

INFLATION ADJUSTMENT	Per Books		Adjustment
	Adjusted Expense	Inflation Factor	
618.3	40,396	6.27%	2,533
620.3	33,586	6.27%	2,106
650.3	751	6.27%	47
675.3	1,807	6.27%	113
650.5	751	6.27%	47
620.7	808	6.27%	51
650.7	1,878	6.27%	118
620.8	436	6.27%	27
650.8	376	6.27%	24
675.8	3,624	6.27%	227
	<u>84,413</u>		<u>5,293</u>

To reflect the impact of inflation subsequent to the test year on unmeasured expenses,
 given the current high rate of inflation.

(21)	427.3	Interest on Long-term Debt	(17,988)
		Going Level Interest Expense	58,710
		Less: Per Books Interest Expense	76,698
		Adjustment	<u>(17,988)</u>

To adjust interest expense to reflect amounts shown on Statement C.

GRANTSVILLE MUNICIPAL WATER DEPARTMENT
 DETAIL OF ADJUSTMENTS
 YEAR ENDED JUNE 30, 2023

Statement G
 Sheet 6 of 6

Adjustment Number	Account Number		PROFORMA ADJUSTMENTS				INCREASE -<DECREASE> \$
(22)	461.1	Metered Revenues - Residential Revenues					55,162
	461.2	Metered Revenues - Commercial Revenues					28,567
	466.0	Sales for Resale					68,145
			Sales for Residential Customers	Sales for Commercial Customers	Sales for Resale Customers	All Customer Classes	
		Proforma Sales and CWCR	147,120	70,862	434,084	652,066	
		Less: Going Level Sales and CWCR Adjustment	91,958	44,295	365,939	502,192	
			55,162	26,567	68,145	149,874	
		To adjust sales revenues for the Town's adopted rates.					
(23)	470.0	Forfeited Discounts					1,392
		Proforma Sales				652,066	
		Forfeited Discount Rate				0.93%	
		Proforma Forfeited Discounts and CWCR Increment				6,057	
		Less: Going Level Forfeited Discounts and CWCR Increment Adjustment				4,665	
						1,392	
		To reflect increase for late fees based on proforma sales revenues.					
(24)	461.1	Metered Revenues - Residential Revenues					(8,507)
	461.2	Metered Revenues - Commercial Revenues					(3,135)
	466.0	Sales for Resale					(12,456)
	470.0	Forfeited Discounts					(205)
		Town's Adopted CWCR Allowance Amount		59,813			
		Town's Adopted Billing and Forfeited Discounts Amount		673,213			
		CWCR Increment in Adopted Rates		8.88%			
			Residential	Commercial	Sales for Resale	Forfeited Discounts	Total
		Proforma Revenue and CWCR Increment	147,120	70,862	434,084	6,057	658,123
		Pending CWCR Increment	8.88%	8.88%	8.88%	8.88%	8.88%
		Proforma CWCR Increment	(13,064)	(6,293)	(38,547)	(538)	(58,442)
		Less: Going Level CWCR Increment	(6,557)	(3,158)	(26,091)	(333)	(36,139)
		Adjustment	(6,507)	(3,135)	(12,456)	(205)	(22,303)
		To reflect the CWCR increment in the Town's adopted rates.					