CHARLES TOWN UTILITY BOARD
AGENDA

WEDNESDAY, SEPTEMBER 13, 2023

Regular Meeting | **661 South George Street, Charles Town, WV 25414** | **4:00 PM**

CALL TO ORDER

1. **APPROVAL OF MINUTES**
   a. Approval of August 23, 2023 Regular Meeting Minutes
      UB Minutes 08.23.23.pdf

2. **PUBLIC COMMENT**
   This portion of the agenda is designed for members of the general public to share thoughts on items of interest in the community. By law, Board members may ask clarifying questions or discuss procedural matters but are not permitted to discuss the policy merits of any issue unless it is scheduled for discussion.

   The public is invited to attend this meeting in person or via webcast (www.ctubwv.com- Board Meetings - Meeting Agendas and Minutes 2023) or by accessing the following zoom link:

   https://us06web.zoom.us/j/89755083563?pwd=OXNkL2k5djhJNzZxM3pyNnJOZFZIUT09

   Meeting ID: 897 5508 3563
   Passcode: 654174
   +1 301 715 8592 US

3. **UNFINISHED BUSINESS**
   a. Class Cost of Service - Additional Information, Recommendation and Implementation Schedule Discussion
      Gannett Fleming CCS.pdf
      Gannett Fleming Presentation.pdf
   b. Renewal and Replacement Project Change Order No. 3
      CO No.3 .pdf

4. **NEW BUSINESS**
   a. Renewal & Replacement Project Resolution No. 11 - Contractor Pay Application No. 11
      Contractor Pay App 11.pdf
   b. Cantor Hollow (formerly Miller Station) Design Proposal
      Cantor Hollow PS Design.pdf
   c. Greenfield Forcemain

i. RK&K Bidding Documents
Task Order 22 SWC1.pdf
ii. GDF Construction Administration
Greenfield Forcemain CA.pdf
d. Potomac Farms Water System Request
PF Request.pdf
e. West Virginia American Water Termination and Usage Draft Agreements
Termination Agreement - WVAWC.pdf
Usage Agreement - WVAWC.pdf

5. **MANAGER REPORTS**
a. Utility Manager Report
UM Report 09.13.23.pdf
Engineers Report September 2023.pdf
Capital Expenditure Board Report 09.13.23.pdf
b. Chairman Report

6. **APPROVAL OF BILLS**
a. September 13, 2023
Board Report 09.13.23.pdf

7. **ADJOURNMENT**

8. **INFORMATION ONLY**
a. Next Meeting - September 27, 2023 at 4:00 P.M.

Charles Town Utility Board
Regular Board Meeting
August 23, 2023

The Charles Town Utility Board held a regular meeting on August 23, 2023 at 4:00 P.M. Members of the Board present were newly appointed John Nissel, Chairman; Duke Pierson, Vice Chairman; Tommy Stocks, Treasurer, Jeff Whitten, Board Member; and Heidi Parker, Board Member. Also present were Kristen Stolipher, Utility Manager; April Shultz, Assistant Utility Manager; Ashley Stottlemyer, Secretary; and Tricia Jackson; County Commission Liaison.

CALL TO ORDER

The Chairman called the meeting to order at 4:00 P.M.

APPROVAL OF MINUTES

Approval of August 9, 2023 Regular Meeting Minutes

The Chairman called for changes or corrections to the August 9, 2023 regular meeting minutes. Mrs. Parker suggested one change to the Class Cost of Service item.

Action: **Motion made by Mr. Pierson, second by Mr. Whitten the Board unanimously approved the minutes as amended.**

PUBLIC COMMENT

The Board received no public comment.

UNFINISHED BUSINESS

Class Cost of Service - Additional Information, Recommendation and Implementation Schedule Discussion

Mrs. Stolipher included the revised data from Gannet Fleming for the Board to review. Also provided was a water and sewer monthly rate comparison for CTUB versus surrounding utilities as well as a preliminary analysis of debt service coverage. Mrs. Stolipher suggested the Board move forward with a recommendation at the next meeting once the accountant, Mr. Kunkle, provides an analysis for the proposed sewer and water bond issues. The Board provided discussions on the various rate options. Mrs. Stolipher will prepare a packet to present to City Council after the September 13th board meeting. The Chairman mentioned holding a "CTUB Day" for elected officials to visit various CTUB infrastructure sites.

Action: **No action required by the Board.**

NEW BUSINESS

Renewal and Replacement Project Change Order #3

Mrs. Stolipher provided Change Order #3 for various items relating to the Renewal and Replacement project. The Board held discussions and requested speaking with the engineer, Chris Eckenrode, before moving forward with the request.

Action: **Motion made by Mr. Stocks, second by Mrs. Parker, the Board unanimously approved tabling this item until discussing with the Mr. Eckenrode.**

Plug Valve Replacement

Mrs. Stolipher provided a quote totaling $16,050.00 for three plug valves that need to be replaced, but were not included in the Renewal & Replacement project as it was previously thought they would not be used.

Action: **Motion made by Mr. Whitten, second by Mr. Pierson, the Board unanimously approved the plug valve replacement quote.**

Resolution No. 2023-05 – Establishment of a Standing Audit Committee and the Appointment of Members of Such Committee

Mrs. Shultz presented a draft resolution to establish a standing audit committee to formalize the process of selecting an auditing firm in accordance with the State Auditors office. The auditing firm selection process is conducted every three years. Once the committee has been selected, Mrs. Shultz will provide a packet to those members to score the firms that apply to the RFP. The committee will then bring their decision to the Board for final vote.

Action: Motion made by Mr. Pierson, second by Mr. Stocks, the Board unanimously approved Resolution No. 2023-05 as submitted.

Action: Motion made by Mr. Pierson, second by Mr. Whitten, the Board unanimously approved the appointment of Mr. Stocks, Mrs. Shultz and Mrs. Stolipher as members of the standing audit committee.

MANAGER REPORTS

Utility Manager Report

Mrs. Stolipher provided City Council approved the ARPA funding commitment of up to $190,000 for a new 10-foot-wide trail as part of the Collection Systems project. City Council also approved the conveyance of the Locust Hill utility property parcel to the HOA. Mrs. Stolipher mentioned the VFD installation at the generator building at the intake site is almost complete and commended staff on the cleaning of Basin #3 at the wastewater plant. She also provided an update on the progress of hydrant repairs.

Action: No action required by the Board.

Chairman Report

The Chairman provided no updates.

Action: No action required by the Board.

APPROVAL OF BILLS

August 23, 2023

Action: Motion by Mr. Pierson, second by Mr. Stocks, with discussions held by the Board, the Board unanimously approved the payment of the bills.

INFORMATION ONLY

The next regular meeting is scheduled for Wednesday, September 13, 2023 at 4:00 P.M. at 661 S. George Street.

There being no further business at this time, the Board adjourned the meeting at 4:44 P.M.

_____	_____
John Nissel	Ashley Stottlemyer
Chairman	Secretary

Gannett Fleming
Valuation and Rate Consultants, LLC

Corporate Headquarters
207 Senate Avenue
Camp Hill, PA 17011
P 717.763.7211 | **F** 717.763.8150

gannettfleming.com

September 7, 2023

Via email to kstolipher@ctubwv.com

Kristen M. Stolipher
Utility General Manager
Charles Town Utility Board
661 S. George Steet, Ste. 101
Charles Town, WV 25414

Dear CTUB Board Members and Council:

Gannett Fleming Valuation and Rate Consultants, LLC (Gannett Fleming) conducted water and wastewater rate studies for the Charles Town Utility Board (CTUB), which included the development of the projected revenue requirements based on CTUB's 2024 fiscal year (FY24) budget, cost allocation studies by customer class (cost of service), and the rate design including five proposed water rate options and three proposed wastewater rate options. The rate studies' results and proposed rate options were presented to the Board at the July 26th meeting. The results of the water rate study showed that water revenues required an overall increase of 16.1% or $637,648 to recover the projected FY24 revenue requirements. The results of the wastewater rate study showed an increase in revenue was not required, though an adjustment to rates was recommended to align the proposed revenues for the residential and non-residential classes to their cost allocations presented in the cost of service study.

Based on the input of the CTUB staff, Board members and public, Gannett Fleming recommends the Board narrow down their rate options to the following two water and wastewater options

1st Choice – (Water Option D with Wastewater Option C)

Water – Option D: Under proposed rates, the Charles Town, City of Ranson and Jefferson County customer rates are consolidated to a single tariff rate structure. The current monthly minimum usage amount is reduced by 1,000 gallons from 2,500 gallons to 1,500 gallons per month under the proposed rate structure. Additionally, the second volumetric rate block is eliminated which

results in usage blocks set for the first 40,000 gallons of usage and over 40,000 gallons of usage. The contract usage rate for the Race Track was also increased by 20% under proposed rates from $4.86 to $5.83 per 1,000 gallons of usage.

Wastewater – Option C: Under proposed rates, Charles Town, City of Ranson and Jefferson County customer rates are consolidated to a single tariff rate structure. The current monthly minimum usage is reduced 500 gallons from 2,000 gallons to 1,500 gallons per month (to match the proposed water rate structure), and the current volumetric rate blocks are reduced from two to one under proposed rates.

We strongly recommend this set of water and wastewater rate options as it streamlines the minimum usage amounts across the water and wastewater rate structures, which will ease the customers' understanding of the proposed rate structure changes. The minimum usage amounts are reduced to 1,500 gallons, which allows CTUB to move closer to phasing out a minimum usage charge rate structure in the future if desired by the Board. The rate increases in Options D and C result in higher end of increases for average residential customers in the Charles Town and Ranson service territories as compared to the other water and wastewater rate options. However, this set of proposed rate design options provides the lowest decrease to the Jefferson County customer rates, which narrows the gap of increases and decreases of rates under a single tariff rate structure.

The following table provides a summary of increases or decreases of the present and proposed Option D water rates and Option C wastewater rates for a residential customer using 3,300 gallons per month:

	Option D (Water) & C (Sewer) - Eliminate Water Second Usage Block; Water and Sewer Minimums Move to 1,500 Gallons					
Customer	Bill Type	Average Monthly Usage	Monthly Bill, Under Present Rates	Monthly Bill, Under Proposed Rates	Dollar Increase	Percent Increase/ Decrease
		(gals.)				
Charles Town and Ranson Residential Customer	Water	3,300	$ 34.09	$ 43.96	$ 9.87	28.9%
Charles Town and Ranson Residential Customer	Sewer	3,300	43.41	46.61	3.20	7.4%
Total City and Ranson Monthly Bills:			**$ 77.50**	**$ 90.56**	**$ 13.06**	**16.9%**
Jefferson County Residential Customer	Water	3,300	62.17	43.96	(18.22)	-29.3%
Jefferson County Residential Customer	Sewer	3,300	49.30	46.61	(2.69)	-5.5%
Total Jefferson County Monthly Bills:			**111.47**	**90.56**	**(20.91)**	**-18.8%**

GANNETT FLEMING

2nd Choice – (Water Option A1 with Wastewater Option A):

Water – Option A1: Under proposed rates, the Charles Town, City of Ranson and Jefferson County customer rates are consolidated to a single tariff rate structure. The proposed monthly minimum usage amount is reduced 500 gallons from 2,500 gallons to 2,000 gallons per month. The current usage block levels are maintained under the proposed rate structure. The contract usage rate for the Race Track was also increased by 20% under proposed rates from $4.86 to $5.83 per 1,000 gallons of usage.

Wastewater – Option A: Under proposed rates, Charles Town, City of Ranson and Jefferson County customer rates are consolidated to a single tariff rate structure. The monthly minimum usage is maintained at 2,000 gallons per month, and the volumetric rate blocks are reduced from two to one under these proposed rates.

We also recommend this set of rate options as it is a more conservative approach for changes to the current rate structures as the minimum usage is slightly decreased for the water customers and maintained for the wastewater customers at 2,000 gallons per month. This will ease the customers' understanding of the proposed rate structure changes. The rate increases in Options A1 and A will also be among the lowest for average residential customers in the Charles Town and Ranson service territories as compared to the other water and wastewater rate options.

The following table provides a summary of increases or decreases of the present and proposed Option A1 water rates and Option A wastewater rates for a residential customer using 3,300 gallons per month:

	Option A1 - Water Minimum at 2,000 Gallons and Option A - Maintain Sewer Minimum at 2,000 Gallons					
Customer	Bill Type	Average Monthly Usage	Monthly Bill, Under Present Rates	Monthly Bill, Under Proposed Rates	Dollar Increase	Percent Increase/ Decrease
		(gals.)				
Charles Town and Ranson Residential Customer	Water	3,300	$ 34.09	$ 42.44	$ 8.35	24.5%
Charles Town and Ranson Residential Customer	Sewer	3,300	43.41	45.47	2.06	4.7%
Total City and Ranson Monthly Bills:			**$ 77.50**	**$ 87.91**	**$ 10.41**	**13.4%**
Jefferson County Residential Customer	Water	3,300	62.17	42.44	(19.73)	-31.7%
Jefferson County Residential Customer	Sewer	3,300	49.30	45.47	(3.83)	-7.8%
Total Jefferson County Monthly Bills:			**111.47**	**87.91**	**(23.56)**	**-21.1%**

The recommended proposed rate options consolidate the Charles Town and City of Ranson customer rates and the Jefferson County customer rates into a single tariff rate structure, as rate consolidation for the multiple CTUB water and wastewater service areas is a goal for the Board. Additionally, Gannett Fleming proposed rate options that reduced the current minimum usage amounts baked into the monthly minimum charges, maintain the current monthly minimum usages, reduced the wastewater volumetric rate blocks into a single volumetric rate, reduced the number of volumetric rate blocks for water customers, and adjusted the water and wastewater rates so the proposed revenue produced by each customer class were commensurate to the cost allocations by customer class resulting from the cost of service studies. In addition, these rate options streamline the minimum usage amounts between the water and wastewater rate structures, which will ease the customer's understanding of their water and wastewater bill and provides a single tariff rate structure for the Board to implement. These recommended rate options will provide CTUB with revenue stability, recover the current debt service levels and coverage, recover the costs of planned capital projects in the near-term, and will mitigate the rate impacts to the CTUB customers.

Thank you for the selecting Gannett Fleming Valuation and Rate Consultants, LLC to perform the water and wastewater rate studies for CTUB. Please reach out to Greg Herbert either via email at gherbert@gfnet.com or by phone 610-783-3786 if you have questions or comments.

Respectfully submitted,

GANNETT FLEMING VALUATION
AND RATE CONSULTANTS, LLC



GREGORY R. HERBERT
Analyst



CONSTANCE E. HEPPENSTALL
Senior Project Manager, Rate Studies

CHARLES TOWN UTILITY BOARD
SUMMARY OF RATE OPTIONS' AVERAGE RESIDENTIAL WATER AND WASTEWATER BILLS AT 3,300 GALLONS

CTUB Water and CTUB Sewer Customer *

Water: Option A - 2,500 Gal. Minimum; Option A1 - 2,000 Gal. Minimum; Option B - 1,000 Gal. Minimum; Option C - 1,500 Gal. Minimum; Option D - 1,500 Gal. Minimum and Eliminate Second Rate Block

Sewer: Option A - 2,000 Gal. Minimum; Option B - 1,000 Gal. Minimum; Option C - 1,500 Gal. Minimum

Option A

	Current	Proposed	Dollar Increase	% Increase
Water	$ 34.09	$ 40.26	$ 6.17	18.1%
Sewer	43.41	45.47	2.06	4.7%
Total	$ 77.50	$ 85.73	$ 8.23	10.6%

Option A1 (W) & Option A (S)

	Current	Proposed	Dollar Increase	% Increase
Water	$ 34.09	$ 42.44	$ 8.35	24.5%
Sewer	43.41	45.47	2.06	4.7%
Total	$ 77.50	$ 87.91	$ 10.41	13.4%

Option B

	Current	Proposed	Dollar Increase	% Increase
Water	34.09	45.34	11.25	33.0%
Sewer	43.41	47.58	4.17	9.6%
Total	$ 77.50	$ 92.92	$ 15.42	19.9%

Option C

	Current	Proposed	Dollar Increase	% Increase
Water	$ 34.09	$ 44.22	$ 10.13	29.7%
Sewer	43.41	46.61	3.20	7.4%
Total	$ 77.50	$ 90.83	$ 13.33	17.2%

Option D (W) & Option C (S)

	Current	Proposed	Dollar Increase	% Increase
Water	$ 34.09	$ 43.96	$ 9.87	28.9%
Sewer	43.41	46.61	3.20	7.4%
Total	$ 77.50	$ 90.56	$ 13.06	16.9%

CTUB Water and JCPSD Sewer

Water: Option A - 2,500 Gal. Minimum; Option A1 - 2,000 Gal. Minimum; Option B - 1,000 Gal. Minimum; Option C - 1,500 Gal. Minimum; Option D - 1,500 Gal. Minimum and Eliminate Second Rate Block

Sewer: Option A - 2,000 Gal. Minimum; Option B - 1,000 Gal. Minimum; Option C - 1,500 Gal. Minimum

Option A

	Current	Proposed	Dollar Increase	% Increase
Water	$ 34.09	$ 40.26	$ 6.17	18.1%
Sewer	49.30	45.47	(3.83)	-7.8%
Total	$ 83.39	$ 85.73	$ 2.34	2.8%

Option A1 (W) & Option A (S)

	Current	Proposed	Dollar Increase	% Increase
Water	$ 34.09	$ 42.44	$ 8.35	24.5%
Sewer	49.30	45.47	(3.83)	-7.8%
Total	$ 83.39	$ 87.91	$ 4.52	5.4%

Option B

	Current	Proposed	Dollar Increase	% Increase
Water	34.09	45.34	$ 11.25	33.0%
Sewer	49.30	47.58	(1.72)	-3.5%
Total	$ 83.39	$ 92.92	$ 9.54	11.4%

Option C

	Current	Proposed	Dollar Increase	% Increase
Water	$ 34.09	$ 44.22	$ 10.13	29.7%
Sewer	49.30	46.61	(2.69)	-5.5%
Total	$ 83.39	$ 90.83	$ 7.44	8.9%

Option D (W) & Option C (S)

	Current	Proposed	Dollar Increase	% Increase
Water	$ 34.09	$ 43.96	$ 9.87	28.9%
Sewer	49.30	46.61	(2.69)	-5.5%
Total	$ 83.39	$ 90.56	$ 7.18	8.6%

City of Ranson Sewer and JUI Water

Sewer: Option A - 2,000 Gal. Minimum; Option B - 1,000 Gal. Minimum; Option C - 1,500 Gal. Minimum

Option A

	Current	Proposed	Dollar Increase	% Increase
Water	Not included (see JUI rates)			
Sewer	$ 43.41	$ 45.47	$ 2.06	4.7%

Option B

	Current	Proposed	Dollar Increase	% Increase
Water	Not included (see JUI rates)			
Sewer	$ 49.30	$ 47.58	$ (1.72)	-3.5%

Option C

	Current	Proposed	Dollar Increase	% Increase
Water	Not included (see JUI rates)			
Sewer	$ 43.41	$ 46.61	$ 3.20	7.4%

JCPSD Sewer and JUI Water

Sewer: Option A - 2,000 Gal. Minimum; Option B - 1,000 Gal. Minimum; Option C - 1,500 Gal. Minimum

Option A

	Current	Proposed	Dollar Increase	% Increase
Water	Not included (see JUI rates)			
Sewer	$ 49.30	$ 45.47	$ (3.83)	-7.8%

Option B

	Current	Proposed	Dollar Increase	% Increase
Water	Not included (see JUI rates)			
Sewer	$ 49.30	$ 47.58	$ (1.72)	-3.5%

Option C

	Current	Proposed	Dollar Increase	% Increase
Water	Not included (see JUI rates)			
Sewer	$ 49.30	$ 46.61	$ (2.69)	-5.5%

*** CTUB Sewer customers include those customers within the entire territory formerly served by the Charles Town Utility Board or the City of Ranson, including the municipalities of Charles Town and Ranson.**

CHARLES TOWN UTILITY BOARD
COMPARISON OF CTUB MONTHLY BILLS TO SURROUNDING WATER UTILITIES

Municipality/Utility	Service Areas	Present/Proposed Rate	5/8-Inch Monthly Minimum	Minimum Charge	Monthly Bill @ 3,300 Gallons	Monthly Bill @ 5,000 Gallons	Rank @ 3,300 Gallons	Rank @ 5,000 Gallons
			(gals.)					
CTUB	Charles Town (CT) and Ranson	Present	2,500	$ 25.83	$ 34.09	$ 51.65	10	10
CTUB	Jefferson County	Present	2,500	47.10	$ 62.17	$ 94.20	3	2
CTUB - Option A	CT, Ranson and Jefferson County	Proposed	2,500	30.50	$ 40.26	$ 61.00	9	9
CTUB - Option A1	CT, Ranson and Jefferson County	Proposed	2,000	25.72	$ 42.44	$ 64.30	8	8
CTUB - Option B	CT, Ranson and Jefferson County	Proposed	1,000	13.74	$ 45.34	$ 68.70	5	5
CTUB - Option C	CT, Ranson and Jefferson County	Proposed	1,500	20.10	$ 44.22	$ 67.00	6	6
CTUB - Option D	CT, Ranson and Jefferson County	Proposed	1,500	19.98	$ 43.96	$ 66.60	7	7
Shepherdstown	Shepherdstown	Present	2,300	37.77	$ 51.89	$ 75.89	4	4
Martinsburg	Martinsburg	Present	2,000	21.56	$ 33.87	$ 49.97	11	11
WVAWC	Main Division	Present	1,500	36.41	$ 65.47	$ 92.93	2	3
WVAWC*	Main Division	Proposed	1,500	45.51	$ 81.84	$ 116.16	1	1

*Assumes a 25% Increase to Present Rates.

			Volumetric Rates			Rate Blocks Per Utility		
Volumetric Rates	Service Area	Present/Proposed Rate & Rate Block	Min. or Block 1	Block 2	Block 3	Min. and First	Next or Over	Over
			(per Kgal)	*(per Kgal)*	*(per Kgal)*	*(gals.)*	*(gals.)*	*(gals.)*
CTUB	Charles Town (CT) and Ranson	Present	$ 10.33	$ 8.79	$ 6.94	10,000	30,000	40,000
CTUB	Jefferson County	Present	$ 18.84	$ 17.64		5,000	5,000	
CTUB - Option A	CT, Ranson and Jefferson County	Proposed	$ 12.20	$ 9.87	$ 7.79	10,000	30,000	40,000
CTUB - Option A1	CT, Ranson and Jefferson County	Proposed	$ 12.86	$ 10.77	$ 8.50	10,000	30,000	40,000
CTUB - Option B	CT, Ranson and Jefferson County	Proposed	$ 13.74	$ 12.46	$ 9.83	10,000	30,000	40,000
CTUB - Option C	CT, Ranson and Jefferson County	Proposed	$ 13.40	$ 11.41	$ 9.01	10,000	30,000	40,000
CTUB - Option D	CT, Ranson and Jefferson County	Proposed	$ 13.32	$ 8.43		40,000	40,000	
Shepherdstown	Shepherdstown	Present	$ 16.42	$ 14.12	$ 11.69	2,300	7,700	10,000
Martinsburg	Martinsburg	Present	$ 10.78	$ 9.47	$ 7.36	2,000	31,333	33,333
WVAWC	Main Division	Present	$ 24.27	$ 16.15	$ 10.62	1,500	28,500	870,000
WVAWC*	Main Division	Proposed	$ 30.34	$ 20.18	$ 13.27	1,500	28,500	870,000

*Assumes a 25% Increase to Present Rates.

CHARLES TOWN UTILITY BOARD
COMPARISON OF CTUB MONTHLY BILLS TO SURROUNDING SEWER UTILITIES

Municipality/Utility	Service Areas	Present/Proposed Rate	5/8-Inch Monthly Minimum	Minimum Charge	Monthly Bill @ 3,300 Gallons	Monthly Bill @ 5,000 Gallons	Rank @ 3,300 Gallons	Rank @ 5,000 Gallons
			(gals.)					
CTUB	Charles Town (CT) and Ranson	Present	2,000	$ 29.58	$ 43.41	$ 61.50	5	6
CTUB	Jefferson County	Present	2,000	30.72	$ 49.30	$ 73.59	1	1
CTUB - Option A	CT, Ranson and Jefferson County	Proposed	2,000	30.48	$ 45.47	$ 65.07	4	4
CTUB - Option B	CT, Ranson and Jefferson County	Proposed	1,000	19.52	$ 47.58	$ 68.32	2	2
CTUB - Option C	CT, Ranson and Jefferson County	Proposed	1,500	25.17	$ 46.61	$ 66.86	3	3
Shepherdstown	Shepherdstown	Present	2,600	34.44	$ 43.15	$ 64.30	6	5
Martinsburg	Martinsburg	Present	2,000	21.56	$ 33.87	$ 49.97	7	7

			Volumetric Rates			Rate Blocks Per Utility		
Volumetric Rates	Service Area	Present/Proposed Rate & Rate Block	Min. or Block 1	Block 2	Block 3	Min. and First	Next or Over	Over
			(per Kgal)	*(per Kgal)*	*(per Kgal)*	*(gals.)*	*(gals.)*	*(gals.)*
CTUB	Charles Town (CT) and Ranson	Present	$ 14.79	$ 10.64	$ 9.67	2,000	8,000	10,000
CTUB	Jefferson County	Present	$ 15.36	$ 14.29	$ 13.98	2,000	8,000	10,000
CTUB - Option A	CT, Ranson and Jefferson County	Proposed	$ 15.24	$ 11.53		2,000	2,000	
CTUB - Option B	CT, Ranson and Jefferson County	Proposed	$ 19.52	$ 12.20		1,000	9,000	10,000
CTUB - Option C	CT, Ranson and Jefferson County	Proposed	$ 16.78	$ 11.91		1,500	8,500	10,000
Shepherdstown	Shepherdstown	Present	$ 13.24	$ 12.44	$ 10.85	2,600	7,400	10,000
Martinsburg	Martinsburg	Present	$ 10.78	$ 9.47	$ 7.36	2,000	31,333	33,333

CHARLES TOWN UTILITY BOARD - WASTEWATER
COMPARISON OF COST OF SERVICE TO REVENUES UNDER PRESENT RATES AND REVENUES UNDER PROPOSED RATE OPTIONS A THROUGH C

Customer Classification	COST OF SERVICE Amount (Schedule D)	COST OF SERVICE Percent	CURRENT RATES Revenues, Present Rates Amount	CURRENT RATES Revenues, Present Rates Percent	OPTION A - 2,000 GALLON MINIMUM Revenues, Proposed Rates Amount	OPTION A - 2,000 GALLON MINIMUM Revenues, Proposed Rates Percent	OPTION A - 2,000 GALLON MINIMUM Amount	OPTION A - 2,000 GALLON MINIMUM Percent Increase	OPTION B - 1,000 GALLON MINIMUM Revenues, Proposed Rates Amount	OPTION B - 1,000 GALLON MINIMUM Revenues, Proposed Rates Percent	OPTION B - 1,000 GALLON MINIMUM Amount	OPTION B - 1,000 GALLON MINIMUM Percent Increase	OPTION C - 1,500 GALLON MINIMUM Revenues, Proposed Rates Amount	OPTION C - 1,500 GALLON MINIMUM Revenues, Proposed Rates Percent	OPTION C - 1,500 GALLON MINIMUM Amount	OPTION C - 1,500 GALLON MINIMUM Percent Increase
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Residential	$ 4,430,416	71.8%	$ 4,469,478	72.4%	$ 4,439,377	72.0%	$ (30,101)	-0.7%	$ 4,427,099	71.8%	$ (42,379)	-0.9%	$ 4,426,988	71.8%	$ (42,490)	-1.0%
Non-Residential	1,739,392	28.2%	1,700,329	27.6%	1,729,938	28.0%	29,609	1.7%	1,742,210	28.2%	41,881	2.5%	1,742,325	28.2%	41,996	2.5%
Total Sales	6,169,808	100.0%	6,169,807	100.0%	6,169,315	100.0%	$ (492)	0.0%	6,169,644	100.0%	$ (498)	0.0%	6,169,313	100.0%	$ (494)	0.0%
Other Revenues	124,000		124,000		124,000		-	0.0%	124,000		-	0.0%	124,000		-	0.0%
Total	$ 6,293,808		$ 6,293,807		$ 6,293,315		$ (492)	0.0%	$ 6,293,309		$ (498)	0.0%	$ 6,293,313		$ (494)	0.0%

CHARLES TOWN UTILITY BOARD - WASTEWATER

OPTION A - RATE EQUALIZATION 2,000 GALLON MONTHLY MINIMUM

COMPARISON OF COST OF SERVICE WITH REVENUES UNDER PRESENT RATES

FOR THE YEAR ENDING JUNE 30, 2024

Customer Classification	Cost of Service		Revenues, Present Rates		Revenues, Proposed Rates		Proposed Increase	
	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent Increase
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Residential	$ 4,430,416	71.8%	$ 4,469,478	72.4%	$ 4,439,377	72.0%	$ (30,101)	-0.7%
Non-Residential	1,739,392	28.2%	1,700,329	27.6%	1,729,938	28.0%	29,609	1.7%
Total Sales	6,169,808	100.0%	6,169,807	100.0%	6,169,315	100.0%	$ (492)	0.0%
Other Revenues	124,000		124,000		124,000		-	0.0%
Total	$ 6,293,808		$ 6,293,807		$ 6,293,315		$ (492)	0.0%

CHARLES TOWN UTILITY BOARD
OPTION A - RATE EQUALIZATION 2,000 GALLON MINIMUM
COMPARISON OF PRESENT AND PROPOSED RATES

Charles Town and Ranson

	2022/2023 Rates	2023/2024 Rates
Minimum Charge - All Meter Sizes	$ 29.58	$ 30.48
Consumption Charges (per 1000 gallons)		
First 2,000 gallons	-	-
Next 8,000 gallons	$ 10.640	$ 11.530
Over 10,000 gallons	$ 9.670	$ 11.530

Ranson

Minimum Charge - All Meter Sizes	$ 29.58	$ 30.48
Consumption Charges (per 1000 gallons)		
First 2,000 gallons	-	-
Next 8,000 gallons	$ 10.640	$ 11.530
Over 10,000 gallons	$ 9.670	$ 11.530

Jefferson County

Minimum Charge - All Meter Sizes	$ 30.72	$ 30.48
Consumption Charges (per 1000 gallons)		
First 2,000 gallons	-	-
Next 8,000 gallons	$ 14.290	$ 11.530
Over 10,000 gallons	$ 13.980	$ 11.530
Flat Rate	$ 52.16	$ 45.47

Average Bills Charles Town and Ranson:	Average Bill, Present Rates	Average Bill, Proposed Rates	Dollar Increase/(Decrease)	Percentage Increase/(Decrease)
Residential at 3,300 gallons	$ 43.41	$ 45.47	$ 2.06	4.74%
Non-Residential at 8,450 gallons	98.21	104.85	6.64	6.76%
Race Course at 1,159,000 Monthly	11,225.53	13,370.69	2,145.16	19.11%
Jefferson County:				
Residential at 3,300 gallons	$ 49.30	$ 45.47	$ (3.83)	-7.77%
Non-Residential at 8,450 gallons	122.89	104.85	(18.04)	-14.68%

CHARLES TOWN UTILITY BOARD
OPTION A
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES
CITY AND RANSON - MONTHLY

CONSUMPTION GALLONS	BILLS UNDER 2022/2023 RATES	BILLS UNDER 2023/2024 RATES	INCREASE AMOUNT	INCREASE PERCENT	PERCENT OF BILLS
(1)	(2)	(3)	(4)	(5)	(6)
0	$ 29.58	$ 30.48	$ 0.90	3.04%	2.43%
1,000	29.58	30.48	0.90	3.04%	16.31%
2,000	29.58	30.48	0.90	3.04%	38.71%
2,500 *	34.90	36.25	1.35	3.85%	50.05%
3,000	40.22	42.01	1.79	4.45%	59.47%
3,300 **	43.41	45.47	2.06	4.74%	64.46%
4,000	50.86	53.54	2.68	5.27%	74.08%
5,000	61.50	65.07	3.57	5.80%	84.54%
6,000	72.14	76.60	4.46	6.18%	89.97%
7,000	82.78	88.13	5.35	6.46%	93.21%
8,000	93.42	99.66	6.24	6.68%	95.23%
8,450 **	98.21	104.85	6.64	6.76%	95.81%
9,000	104.06	111.19	7.13	6.85%	96.45%
10,000	114.70	122.72	8.02	6.99%	97.20%
11,000	124.37	134.25	9.88	7.94%	97.69%
12,000	134.04	145.78	11.74	8.76%	98.05%
13,000	143.71	157.31	13.60	9.46%	98.31%
14,000	153.38	168.84	15.46	10.08%	98.51%
15,000	163.05	180.37	17.32	10.62%	98.68%
20,000	211.40	238.02	26.62	12.59%	99.04%
30,000	308.10	353.32	45.22	14.68%	99.32%
40,000	404.80	468.62	63.82	15.77%	99.49%
50,000	501.50	583.92	82.42	16.43%	99.65%
60,000	598.20	699.22	101.02	16.89%	99.73%
70,000	694.90	814.52	119.62	17.21%	99.77%
100,000	985.00	1,160.42	175.42	17.81%	99.86%
200,000	1,952.00	2,313.42	361.42	18.52%	99.96%
300,000	2,919.00	3,466.42	547.42	18.75%	99.99%
400,000	3,886.00	4,619.42	733.42	18.87%	100.00%

*Median Usage Bill.
**Average Residential Bill.
*** Average Non-Residential Bill.

CHARLES TOWN UTILITY BOARD
OPTION A
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES
COUNTY - MONTHLY

CONSUMPTION GALLONS	BILLS UNDER 2022/2023 RATES	BILLS UNDER 2023/2024 RATES	INCREASE AMOUNT	INCREASE PERCENT	PERCENT O BILLS
(1)	(2)	(3)	(4)	(5)	(6)
0	$ 30.72	$ 30.48	$ (0.24)	-0.78%	0.87%
1,000	30.72	30.48	(0.24)	-0.78%	10.10%
2,000	30.72	30.48	(0.24)	-0.78%	29.20%
2,900 *	43.58	40.86	(2.72)	-6.25%	50.07%
3,000	45.01	42.01	(3.00)	-6.67%	52.03%
3,300 **	49.30	45.47	(3.83)	-7.77%	57.37%
4,000	59.30	53.54	(5.76)	-9.71%	68.62%
5,000	73.59	65.07	(8.52)	-11.58%	79.79%
6,000	87.88	76.60	(11.28)	-12.84%	87.19%
7,000	102.17	88.13	(14.04)	-13.74%	91.68%
8,000	116.46	99.66	(16.80)	-14.43%	94.25%
8,450 **	122.89	104.85	(18.04)	-14.68%	94.95%
9,000	130.75	111.19	(19.56)	-14.96%	95.79%
10,000	145.04	122.72	(22.32)	-15.39%	96.75%
11,000	159.02	134.25	(24.77)	-15.58%	97.40%
12,000	173.00	145.78	(27.22)	-15.73%	97.87%
13,000	186.98	157.31	(29.67)	-15.87%	98.19%
14,000	200.96	168.84	(32.12)	-15.98%	98.41%
15,000	214.94	180.37	(34.57)	-16.08%	98.58%
20,000	284.84	238.02	(46.82)	-16.44%	98.99%
30,000	424.64	353.32	(71.32)	-16.80%	99.18%
40,000	564.44	468.62	(95.82)	-16.98%	99.35%
50,000	704.24	583.92	(120.32)	-17.09%	99.46%
60,000	844.04	699.22	(144.82)	-17.16%	99.53%
100,000	1,403.24	1,160.42	(242.82)	-17.30%	99.71%

*Median Usage Bill.
**Average Residential Bill.
*** Average Non-Residential Bill.

CHARLES TOWN UTILITY BOARD - WASTEWATER

OPTION B - RATE EQUALIZATION WITH 1,000 GALLON MONTHLY MINIMUM

COMPARISON OF COST OF SERVICE WITH REVENUES UNDER PRESENT RATES

FOR THE YEAR ENDING JUNE 30, 2024

Customer Classification	Cost of Service		Revenues, Present Rates		Revenues, Proposed Rates		Proposed Increase	
	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent Increase
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Residential	$ 4,430,416	71.8%	$ 4,469,478	72.4%	$ 4,427,099	71.8%	$ (42,379)	-0.9%
Non-Residential	1,739,392	28.2%	1,700,329	27.6%	1,742,210	28.2%	41,881	2.5%
Total Sales	6,169,808	100.0%	6,169,807	100.0%	6,169,309	100.0%	$ (498)	0.0%
Other Revenues	124,000		124,000		124,000		-	0.0%
Total	$ 6,293,808		$ 6,293,807		$ 6,293,309		$ (498)	0.0%

CHARLES TOWN UTILITY BOARD
OPTION B - RATE EQUALIZATION PROPOSED 1,000 GALLON MINIMUM
COMPARISON OF PRESENT AND PROPOSED RATES

	2022/2023 Rates	2023/2024 Rates
Charles Town and Ranson		
Minimum Charge - All Meter Sizes	$ 29.58	$ 19.52
Consumption Charges (per 1000 gallons)		
First 2,000 gallons/1000 gallons	$ -	$ -
Next 8,000 gallons/9,000 gallons	$ 10.640	$ 12.200
Over 10,000 gallons	$ 9.670	$ 12.200
Ranson		
Minimum Charge - All Meter Sizes	$ 29.58	$ 19.52
Consumption Charges (per 1000 gallons)		
First 2,000 gallons/1000 gallons		$ -
Next 8,000 gallons/9,000 gallons	$ 10.640	$ 12.200
Over 10,000 gallons	$ 9.670	$ 12.200
Jefferson County		
Minimum Charge - All Meter Sizes	$ 30.72	$ 19.52
Consumption Charges (per 1000 gallons)		
First 2,000 gallons/1000 gallons	$ -	$ -
Next 8,000 gallons/9,000 gallons	$ 14.290	$ 12.200
Over 10,000 gallons	$ 13.980	$ 12.200
Flat Rate	$ 52.16	$ 47.58

Average Bills Charles Town and Ranson:	Average Bill, Present Rates	Average Bill, Proposed Rates	Dollar Increase/(Decrease)	Percentage Increase/(Decrease)
Residential at 3,300 gallons	$ 43.41	$ 47.58	$ 4.17	9.60%
Non-Residential at 8,450 gallons	98.21	110.41	12.20	12.42%
Race Course at 940,000 Monthly	9,107.80	11,475.32	2,367.52	25.99%
Jefferson County:				
Residential at 3,300 gallons	$ 49.30	$ 47.58	$ (1.72)	-3.48%
Non-Residential at 8,450 gallons	122.89	110.41	(12.48)	-10.16%

CHARLES TOWN UTILITY BOARD
OPTION B
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES
CITY AND RANSON - MONTHLY

CONSUMPTION GALLONS	BILLS UNDER 2022/2023 RATES	BILLS UNDER 2023/2024 RATES	INCREASE AMOUNT	INCREASE PERCENT	PERCENT OF BILLS
(1)	(2)	(3)	(4)	(5)	(6)
0	$ 29.58	$ 19.52	$ (10.06)	-34.01%	2.43%
1,000	29.58	19.52	(10.06)	-34.01%	16.31%
2,000	29.58	31.72	2.14	7.23%	38.71%
2,500 *	34.90	37.82	2.92	8.37%	50.05%
3,000	40.22	43.92	3.70	9.20%	59.47%
3,300 **	43.41	47.58	4.17	9.60%	64.46%
4,000	50.86	56.12	5.26	10.34%	74.08%
5,000	61.50	68.32	6.82	11.09%	84.54%
6,000	72.14	80.52	8.38	11.62%	89.97%
7,000	82.78	92.72	9.94	12.01%	93.21%
8,000	93.42	104.92	11.50	12.31%	95.23%
8,450 **	98.21	110.41	12.20	12.42%	95.81%
9,000	104.06	117.12	13.06	12.55%	96.45%
10,000	114.70	129.32	14.62	12.75%	97.20%
11,000	124.37	141.52	17.15	13.79%	97.69%
12,000	134.04	153.72	19.68	14.68%	98.05%
13,000	143.71	165.92	22.21	15.45%	98.31%
14,000	153.38	178.12	24.74	16.13%	98.51%
15,000	163.05	190.32	27.27	16.72%	98.68%
20,000	211.40	251.32	39.92	18.88%	99.04%
30,000	308.10	373.32	65.22	21.17%	99.32%
40,000	404.80	495.32	90.52	22.36%	99.49%
50,000	501.50	617.32	115.82	23.09%	99.65%
60,000	598.20	739.32	141.12	23.59%	99.73%
70,000	694.90	861.32	166.42	23.95%	99.77%
100,000	985.00	1,227.32	242.32	24.60%	99.86%
200,000	1,952.00	2,447.32	495.32	25.38%	99.96%
300,000	2,919.00	3,667.32	748.32	25.64%	99.99%
400,000	3,886.00	4,887.32	1,001.32	25.77%	100.00%

*Median Usage Bill.
**Average Residential Bill.
*** Average Non-Residential Bill.

CHARLES TOWN UTILITY BOARD
OPTION B
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES
COUNTY - MONTHLY

CONSUMPTION GALLONS	BILLS UNDER 2022/2023 RATES	BILLS UNDER 2023/2024 RATES	INCREASE AMOUNT	INCREASE PERCENT	PERCENT OF BILLS
(1)	(2)	(3)	(4)	(5)	(6)
0	$ 30.72	$ 19.52	$ (11.20)	-36.46%	0.87%
1,000	30.72	19.52	(11.20)	-36.46%	10.10%
2,000	30.72	31.72	1.00	3.26%	29.20%
2,900 *	43.58	42.70	(0.88)	-2.02%	50.07%
3,000	45.01	43.92	(1.09)	-2.42%	52.03%
3,300 **	49.30	47.58	(1.72)	-3.48%	57.37%
4,000	59.30	56.12	(3.18)	-5.36%	68.62%
5,000	73.59	68.32	(5.27)	-7.16%	79.79%
6,000	87.88	80.52	(7.36)	-8.38%	87.19%
7,000	102.17	92.72	(9.45)	-9.25%	91.68%
8,000	116.46	104.92	(11.54)	-9.91%	94.25%
8,450 **	122.89	110.41	(12.48)	-10.16%	94.95%
9,000	130.75	117.12	(13.63)	-10.42%	95.79%
10,000	145.04	129.32	(15.72)	-10.84%	96.75%
11,000	159.02	141.52	(17.50)	-11.00%	97.40%
12,000	173.00	153.72	(19.28)	-11.14%	97.87%
13,000	186.98	165.92	(21.06)	-11.26%	98.19%
14,000	200.96	178.12	(22.84)	-11.37%	98.41%
15,000	214.94	190.32	(24.62)	-11.45%	98.58%
20,000	284.84	251.32	(33.52)	-11.77%	98.99%
30,000	424.64	373.32	(51.32)	-12.09%	99.18%
40,000	564.44	495.32	(69.12)	-12.25%	99.35%
50,000	704.24	617.32	(86.92)	-12.34%	99.46%
60,000	844.04	739.32	(104.72)	-12.41%	99.53%
100,000	1,403.24	1,227.32	(175.92)	-12.54%	99.71%

*Median Usage Bill.
**Average Residential Bill.
*** Average Non-Residential Bill.

CHARLES TOWN UTILITY BOARD - WASTEWATER

OPTION C - RATE EQUALIZATION WITH 1,500 GALLON MONTHLY MINIMUM

COMPARISON OF COST OF SERVICE WITH REVENUES UNDER PRESENT RATES

FOR THE YEAR ENDING JUNE 30, 2024

Customer Classification	Cost of Service		Revenues, Present Rates		Revenues, Proposed Rates		Proposed Increase	
	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent Increase
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Residential	$ 4,430,416	71.8%	$ 4,469,478	72.4%	$ 4,426,988	71.8%	$ (42,490)	-1.0%
Non-Residential	1,739,392	28.2%	1,700,329	27.6%	1,742,325	28.2%	41,996	2.5%
Total Sales	6,169,808	100.0%	6,169,807	100.0%	6,169,313	100.0%	$ (494)	0.0%
Other Revenues	124,000		124,000		124,000		-	0.0%
Total	$ 6,293,808		$ 6,293,807		$ 6,293,313		$ (494)	0.0%

CHARLES TOWN UTILITY BOARD
OPTION C - RATE EQUALIZATION PROPOSED 1,500 GALLON MINIMUM
COMPARISON OF PRESENT AND PROPOSED RATES

	2022/2023 Rates	2023/2024 Rates	
	Charles Town and Ranson		
Minimum Charge - All Meter Sizes	$ 29.58	$ 25.17	$ 16.78000000
Consumption Charges (per 1000 gallons)			
First 2,000 gallons/1,500 gallons	$ -	$ -	
Next 8,000 gallons/8,500 gallons	$ 10.640	$ 11.910	
Over 10,000 gallons	$ 9.670	$ 11.910	
	Ranson		
Minimum Charge - All Meter Sizes	$ 29.58	$ 25.17	
Consumption Charges (per 1000 gallons)			
First 2,000 gallons/1,500 gallons		$ -	
Next 8,000 gallons/8,500 gallons	$ 10.640	$ 11.910	
Over 10,000 gallons	$ 9.670	$ 11.910	
	Jefferson County		
Minimum Charge - All Meter Sizes	$ 30.72	$ 25.17	
Consumption Charges (per 1000 gallons)			
First 2,000 gallons/1,500 gallons	$ -	$ -	
Next 8,000 gallons/8,500 gallons	$ 14.290	$ 11.910	
Over 10,000 gallons	$ 13.980	$ 11.910	
Flat Rate	$ 52.16	$ 52.56	

Average Bills Charles Town and Ranson:	Average Bill, Present Rates	Average Bill, Proposed Rates	Dollar Increase/(Decrease)	Percentage Increase/(Decrease)
Residential at 3,300 gallons	$ 43.41	$ 46.61	$ 3.20	7.36%
Non-Residential at 8,450 gallons	98.21	107.94	9.74	9.91%
Race Course at 940,000 Monthly	9,107.80	11,208.66	2,100.86	23.07%
Jefferson County:				
Residential at 3,300 gallons	$ 49.30	$ 46.61	$ (2.69)	-5.45%
Non-Residential at 8,450 gallons	122.89	107.94	(14.95)	-12.16%

CHARLES TOWN UTILITY BOARD
OPTION C
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES
CITY AND RANSON - MONTHLY

CONSUMPTION GALLONS	BILLS UNDER 2022/2023 RATES	BILLS UNDER 2023/2024 RATES	INCREASE AMOUNT	INCREASE PERCENT	PERCENT OF BILLS
(1)	(2)	(3)	(4)	(5)	(6)
0	$ 29.58	$ 25.17	$ (4.41)	-14.91%	2.43%
1,000	29.58	25.17	(4.41)	-14.91%	16.31%
2,000	29.58	31.13	1.55	5.22%	38.71%
2,500 *	34.90	37.08	2.18	6.25%	50.05%
3,000	40.22	43.04	2.82	7.00%	59.47%
3,300 **	43.41	46.61	3.20	7.36%	64.46%
4,000	50.86	54.95	4.09	8.03%	74.08%
5,000	61.50	66.86	5.36	8.71%	84.54%
6,000	72.14	78.77	6.63	9.18%	89.97%
7,000	82.78	90.68	7.90	9.54%	93.21%
8,000	93.42	102.59	9.17	9.81%	95.23%
8,450 **	98.21	107.94	9.74	9.91%	95.81%
9,000	104.06	114.50	10.44	10.03%	96.45%
10,000	114.70	126.41	11.71	10.20%	97.20%
11,000	124.37	138.32	13.95	11.21%	97.69%
12,000	134.04	150.23	16.19	12.07%	98.05%
13,000	143.71	162.14	18.43	12.82%	98.31%
14,000	153.38	174.05	20.67	13.47%	98.51%
15,000	163.05	185.96	22.91	14.05%	98.68%
20,000	211.40	245.51	34.11	16.13%	99.04%
30,000	308.10	364.61	56.51	18.34%	99.32%
40,000	404.80	483.71	78.91	19.49%	99.49%
50,000	501.50	602.81	101.31	20.20%	99.65%
60,000	598.20	721.91	123.71	20.68%	99.73%
70,000	694.90	841.01	146.11	21.03%	99.77%
100,000	985.00	1,198.31	213.31	21.66%	99.86%
200,000	1,952.00	2,389.31	437.31	22.40%	99.96%
300,000	2,919.00	3,580.31	661.31	22.66%	99.99%
400,000	3,886.00	4,771.31	885.31	22.78%	100.00%

*Median Usage Bill.
**Average Residential Bill.
*** Average Non-Residential Bill.

CHARLES TOWN UTILITY BOARD
OPTION C
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES
COUNTY - MONTHLY

CONSUMPTION GALLONS	BILLS UNDER 2022/2023 RATES	BILLS UNDER 2023/2024 RATES	INCREASE AMOUNT	INCREASE PERCENT	PERCENT OF BILLS
(1)	(2)	(3)	(4)	(5)	(6)
0	$ 30.72	$ 25.17	$ (5.55)	-18.07%	0.87%
1,000	30.72	25.17	(5.55)	-18.07%	10.10%
2,000	30.72	31.13	0.41	1.32%	29.20%
2,900 *	43.58	41.84	(1.74)	-3.99%	50.07%
3,000	45.01	43.04	(1.97)	-4.39%	52.03%
3,300 **	49.30	46.61	(2.69)	-5.45%	57.37%
4,000	59.30	54.95	(4.36)	-7.34%	68.62%
5,000	73.59	66.86	(6.74)	-9.15%	79.79%
6,000	87.88	78.77	(9.11)	-10.37%	87.19%
7,000	102.17	90.68	(11.50)	-11.25%	91.68%
8,000	116.46	102.59	(13.88)	-11.91%	94.25%
8,450 **	122.89	107.94	(14.95)	-12.16%	94.95%
9,000	130.75	114.50	(16.26)	-12.43%	95.79%
10,000	145.04	126.41	(18.64)	-12.85%	96.75%
11,000	159.02	138.32	(20.71)	-13.02%	97.40%
12,000	173.00	150.23	(22.78)	-13.16%	97.87%
13,000	186.98	162.14	(24.85)	-13.29%	98.19%
14,000	200.96	174.05	(26.92)	-13.39%	98.41%
15,000	214.94	185.96	(28.99)	-13.49%	98.58%
20,000	284.84	245.51	(39.34)	-13.81%	98.99%
30,000	424.64	364.61	(60.04)	-14.14%	99.18%
40,000	564.44	483.71	(80.74)	-14.30%	99.35%
50,000	704.24	602.81	(101.44)	-14.40%	99.46%
60,000	844.04	721.91	(122.14)	-14.47%	99.53%
100,000	1,403.24	1,198.31	(204.94)	-14.60%	99.71%

*Median Usage Bill.
**Average Residential Bill.
***Average Non-Residential Bill.

CHARLES TOWN UTILITY BOARD
SUMMARY OF RATE OPTIONS' AVERAGE RESIDENTIAL WATER AND WASTEWATER BILLS AT 3,300 GALLONS

		Option A - Maintain Current Water Minimum at 2,500 Gallons and Sewer Minimum at 2,000 Gallons				
Customer	Bill Type	Average Monthly Usage	Monthly Bill, Under Present Rates	Monthly Bill, Under Proposed Rates	Dollar Increase	Percent Increase/ Decrease
		(gals.)				
City and Ranson Residential Customer	Water	3,300	$ 34.09	$ 40.26	$ 6.17	18.1%
City and Ranson Residential Customer	Sewer	3,300	43.41	45.47	2.06	4.7%
Total City and Ranson Monthly Bills:			**$ 77.50**	**$ 85.73**	**$ 8.23**	**10.6%**
Jefferson County Residential Customer	Water	3,300	62.17	40.26	(21.91)	-35.2%
Jefferson County Residential Customer	Sewer	3,300	49.30	45.47	(3.83)	-7.8%
Total Jefferson County Monthly Bills:			**111.47**	**85.73**	**(25.74)**	**-23.1%**

		Option B - Water and Sewer Minimums Move to 1,000 Gallons				
Customer	Bill Type	Average Monthly Usage	Monthly Bill, Under Present Rates	Monthly Bill, Under Proposed Rates	Dollar Increase	Percent Increase/ Decrease
City and Ranson Residential Customer	Water	3,300	34.09	45.34	$ 11.25	33.0%
City and Ranson Residential Customer	Sewer	3,300	43.41	47.58	4.17	9.6%
Total City and Ranson Monthly Bills:			**$ 77.50**	**$ 92.92**	**$ 15.42**	**19.9%**
Jefferson County Residential Customer	Water	3,300	62.17	45.34	(16.83)	-27.1%
Jefferson County Residential Customer	Sewer	3,300	49.30	47.58	(1.72)	-3.5%
Total Jefferson County Monthly Bills:			**111.47**	**92.92**	**(18.55)**	**-16.6%**

		Option C - Water and Sewer Minimums Move to 1,500 Gallons				
Customer	Bill Type	Average Monthly Usage	Monthly Bill, Under Present Rates	Monthly Bill, Under Proposed Rates	Dollar Increase	Percent Increase/ Decrease
City and Ranson Residential Customer	Water	3,300	$ 34.09	$ 44.22	$ 10.13	29.7%
City and Ranson Residential Customer	Sewer	3,300	43.41	46.61	3.20	7.4%
Total City and Ranson Monthly Bills:			**$ 77.50**	**$ 90.83**	**$ 13.33**	**17.2%**
Jefferson County Residential Customer	Water	3,300	62.17	44.22	(17.95)	-28.9%
Jefferson County Residential Customer	Sewer	3,300	49.30	46.61	(2.69)	-5.5%
Total Jefferson County Monthly Bills:			**111.47**	**90.83**	**(20.64)**	**-18.5%**

		Option D (Water) & C (Sewer) - Eliminate Water Second Usage Block; Water and Sewer Minimums Move to 1,500 Gallons				
Customer	Bill Type	Average Monthly Usage	Monthly Bill, Under Present Rates	Monthly Bill, Under Proposed Rates	Dollar Increase	Percent Increase/ Decrease
City and Ranson Residential Customer	Water	3,300	$ 34.09	$ 43.96	$ 9.87	28.9%
City and Ranson Residential Customer	Sewer	3,300	43.41	46.61	3.20	7.4%
Total City and Ranson Monthly Bills:			**$ 77.50**	**$ 90.56**	**$ 13.06**	**16.9%**
Jefferson County Residential Customer	Water	3,300	62.17	43.96	(18.22)	-29.3%
Jefferson County Residential Customer	Sewer	3,300	49.30	46.61	(2.69)	-5.5%
Total Jefferson County Monthly Bills:			**111.47**	**90.56**	**(20.91)**	**-18.8%**

Charles Town Utility Board

Analysis of Debt Service Coverage - New Rates and Projects Pro Forma

For the year ended June 30, 2023

Preliminary

As of August 22, 2023

	Water Department	Sewer Department	Total
Revenues	$ 6,749,624	$ 7,884,872	$ 14,634,496
Modification to Revenues:			
Interest	(43,030)	(193,657)	(236,687)
Grant Revenues	(11,080)	-	(11,080)
Gain on Sale of Assets	(14,005)	(37,159)	(51,164)
CIF & CAC Revenues	(1,295,971)	(1,208,563)	(2,504,534)
Operating Revenues	5,385,538	6,445,493	11,831,031
Expenses	4,648,592	6,706,703	11,355,295
Modifications to Expenses:			
Depreciation and amortization expense	(1,294,445)	(2,229,345)	(3,523,790)
Bond issuance costs	-	(192,863)	(192,863)
Loss on disposition of assets	-	(45,671)	(45,671)
Pension expense	-	-	-
Pension contractual payments	-	-	-
OPEB expense	-	-	-
OPEB contractual payments	-	-	-
Interest on Long Term Debt	(395,146)	(559,831)	(954,977)
Operating Expenses Net of Non-cash Items and Interest Expense	2,959,001	3,678,994	6,637,995
Operating Income Available for Debt Service	2,426,537	2,766,499	5,193,037
Debt Service Expenditures:			
Principal Payments on Bond Issues	1,045,978	1,336,726	2,382,704
Interest Payments on Bond Issues	500,482	622,353	1,122,835
Total Debt Service Expenditures	1,546,460	1,959,079	3,505,539
Operating Income Available After Bond Debt Service	$ 880,077	$ 807,420	$ 1,687,498
Debt Service Coverage Ratio	156.91%	141.21%	148.14%
Required Debt Service Coverage Ratio	115.00%	115.00%	115.00%
Amount of Coverage in Excess of 130%	$ 416,139	$ 219,697	$ 635,836

Water Projects:
- Wells/Springs
- Forcemain from WTP

Sewer Projects:
- Full funding of R&R Project
- Collection System Project

Prepared by J.C. Kunkle and Associates, A.C.
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CHARLES TOWN UTILITY BOARD - WASTEWATER
COMPARISON OF COST OF SERVICE TO REVENUES UNDER PRESENT RATES AND REVENUES UNDER PROPOSED RATE OPTIONS A THROUGH C

Customer Classification	COST OF SERVICE Amount (Schedule D)	Percent	CURRENT RATES Revenues, Present Rates Amount	Percent	OPTION A - 2,500 GALLON MINIMUM Revenues, Proposed Rates Amount	Percent	Amount	Percent Increase	OPTION B - 1,000 GALLON MINIMUM Revenues, Proposed Rates Amount	Percent	Amount	Percent Increase	OPTION C - 1,500 GALLON MINIMUM Revenues, Proposed Rates Amount	Percent	Amount	Percent Increase
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(6)	(7)	(8)	(9)	(6)	(7)	(8)	(9)
Residential	$ 4,430,416	71.8%	$ 4,469,478	72.4%	$ 4,439,377	72.0%	$ (30,101)	-0.7%	$ 4,453,308	72.2%	$ (16,170)	-0.4%	$ 4,426,988	71.8%	$ (42,490)	-1.0%
Non-Residential	1,739,392	28.2%	1,700,329	27.6%	1,729,938	28.0%	29,609	1.7%	1,716,336	27.8%	16,007	0.9%	1,742,325	28.2%	41,996	2.5%
Total Sales	6,169,808	100.0%	6,169,807	100.0%	6,169,315	100.0%	$ (492)	0.0%	6,169,644	100.0%	$ (163)	0.0%	6,169,313	100.0%	$ (494)	0.0%
Other Revenues	124,000		124,000		124,000		-	0.0%	124,000		-	0.0%	124,000		-	0.0%
Total	$ 6,293,808		$ 6,293,807		$ 6,293,315		$ (492)	0.0%	$ 6,293,644		$ (163)	0.0%	$ 6,293,313		$ (494)	0.0%

CHARLES TOWN UTILITY BOARD - WASTEWATER

OPTION A - RATE EQUALIZATION 2,000 GALLON MONTHLY MINIMUM

COMPARISON OF COST OF SERVICE WITH REVENUES UNDER PRESENT RATES

FOR THE YEAR ENDING JUNE 30, 2024

Customer Classification	Cost of Service		Revenues, Present Rates		Revenues, Proposed Rates		Proposed Increase	
	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent Increase
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Residential	$ 4,430,416	71.8%	$ 4,469,478	72.4%	$ 4,439,377	72.0%	$ (30,101)	-0.7%
Non-Residential	1,739,392	28.2%	1,700,329	27.6%	1,729,938	28.0%	29,609	1.7%
Total Sales	6,169,808	100.0%	6,169,807	100.0%	6,169,315	100.0%	$ (492)	0.0%
Other Revenues	124,000		124,000		124,000		-	0.0%
Total	$ 6,293,808		$ 6,293,807		$ 6,293,315		$ (492)	0.0%

CHARLES TOWN UTILITY BOARD
OPTION A - RATE EQUALIZATION 2,000 GALLON MINIMUM
COMPARISON OF PRESENT AND PROPOSED RATES

Charles Town and Ranson

	2022/2023 Rates	2023/2024 Rates
Minimum Charge - All Meter Sizes	$ 29.58	$ 30.48
Consumption Charges (per 1000 gallons)		
First 2,000 gallons	-	-
Next 8,000 gallons	$ 10.640	$ 11.530
Over 10,000 gallons	$ 9.670	$ 11.530

Ranson

Minimum Charge - All Meter Sizes	$ 29.58	$ 30.48
Consumption Charges (per 1000 gallons)		
First 2,000 gallons	-	-
Next 8,000 gallons	$ 10.640	$ 11.530
Over 10,000 gallons	$ 9.670	$ 11.530

Jefferson County

Minimum Charge - All Meter Sizes	$ 30.72	$ 30.48
Consumption Charges (per 1000 gallons)		
First 2,000 gallons	-	-
Next 8,000 gallons	$ 14.290	$ 11.530
Over 10,000 gallons	$ 13.980	$ 11.530
Flat Rate	$ 52.16	$ 45.47

Average Bills Charles Town and Ranson:	Average Bill, Present Rates	Average Bill, Proposed Rates	Dollar Increase/(Decrease)	Percentage Increase/(Decrease)
Residential at 3,300 gallons	$ 43.41	$ 45.47	$ 2.06	4.74%
Non-Residential at 8,450 gallons	98.21	104.85	6.64	6.76%
Race Course at 1,159,000 Monthly	11,225.53	13,370.69	2,145.16	19.11%
Jefferson County:				
Residential at 3,300 gallons	$ 49.30	$ 45.47	$ (3.83)	-7.77%
Non-Residential at 8,450 gallons	122.89	104.85	(18.04)	-14.68%

CHARLES TOWN UTILITY BOARD
OPTION A
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES
CITY AND RANSON - MONTHLY

CONSUMPTION GALLONS	BILLS UNDER 2022/2023 RATES	BILLS UNDER 2023/2024 RATES	INCREASE AMOUNT	INCREASE PERCENT	PERCENT OF BILLS
(1)	(2)	(3)	(4)	(5)	(6)
0	$ 29.58	$ 30.48	$ 0.90	3.04%	2.43%
1,000	29.58	30.48	0.90	3.04%	16.31%
2,000	29.58	30.48	0.90	3.04%	38.71%
2,500 *	34.90	36.25	1.35	3.85%	50.05%
3,000	40.22	42.01	1.79	4.45%	59.47%
3,300 **	43.41	45.47	2.06	4.74%	64.46%
4,000	50.86	53.54	2.68	5.27%	74.08%
5,000	61.50	65.07	3.57	5.80%	84.54%
6,000	72.14	76.60	4.46	6.18%	89.97%
7,000	82.78	88.13	5.35	6.46%	93.21%
8,000	93.42	99.66	6.24	6.68%	95.23%
8,450 **	98.21	104.85	6.64	6.76%	95.81%
9,000	104.06	111.19	7.13	6.85%	96.45%
10,000	114.70	122.72	8.02	6.99%	97.20%
11,000	124.37	134.25	9.88	7.94%	97.69%
12,000	134.04	145.78	11.74	8.76%	98.05%
13,000	143.71	157.31	13.60	9.46%	98.31%
14,000	153.38	168.84	15.46	10.08%	98.51%
15,000	163.05	180.37	17.32	10.62%	98.68%
20,000	211.40	238.02	26.62	12.59%	99.04%
30,000	308.10	353.32	45.22	14.68%	99.32%
40,000	404.80	468.62	63.82	15.77%	99.49%
50,000	501.50	583.92	82.42	16.43%	99.65%
60,000	598.20	699.22	101.02	16.89%	99.73%
70,000	694.90	814.52	119.62	17.21%	99.77%
100,000	985.00	1,160.42	175.42	17.81%	99.86%
200,000	1,952.00	2,313.42	361.42	18.52%	99.96%
300,000	2,919.00	3,466.42	547.42	18.75%	99.99%
400,000	3,886.00	4,619.42	733.42	18.87%	100.00%

*Median Usage Bill.
**Average Residential Bill.
*** Average Non-Residential Bill.

CHARLES TOWN UTILITY BOARD
OPTION A
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES
COUNTY - MONTHLY

CONSUMPTION GALLONS		BILLS UNDER 2022/2023 RATES	BILLS UNDER 2023/2024 RATES	INCREASE AMOUNT	INCREASE PERCENT	PERCENT O BILLS
(1)		(2)	(3)	(4)	(5)	(6)
0		$ 30.72	$ 30.48	$ (0.24)	-0.78%	0.87%
1,000		30.72	30.48	(0.24)	-0.78%	10.10%
2,000		30.72	30.48	(0.24)	-0.78%	29.20%
2,900	*	43.58	40.86	(2.72)	-6.25%	50.07%
3,000		45.01	42.01	(3.00)	-6.67%	52.03%
3,300	**	49.30	45.47	(3.83)	-7.77%	57.37%
4,000		59.30	53.54	(5.76)	-9.71%	68.62%
5,000		73.59	65.07	(8.52)	-11.58%	79.79%
6,000		87.88	76.60	(11.28)	-12.84%	87.19%
7,000		102.17	88.13	(14.04)	-13.74%	91.68%
8,000		116.46	99.66	(16.80)	-14.43%	94.25%
8,450	**	122.89	104.85	(18.04)	-14.68%	94.95%
9,000		130.75	111.19	(19.56)	-14.96%	95.79%
10,000		145.04	122.72	(22.32)	-15.39%	96.75%
11,000		159.02	134.25	(24.77)	-15.58%	97.40%
12,000		173.00	145.78	(27.22)	-15.73%	97.87%
13,000		186.98	157.31	(29.67)	-15.87%	98.19%
14,000		200.96	168.84	(32.12)	-15.98%	98.41%
15,000		214.94	180.37	(34.57)	-16.08%	98.58%
20,000		284.84	238.02	(46.82)	-16.44%	98.99%
30,000		424.64	353.32	(71.32)	-16.80%	99.18%
40,000		564.44	468.62	(95.82)	-16.98%	99.35%
50,000		704.24	583.92	(120.32)	-17.09%	99.46%
60,000		844.04	699.22	(144.82)	-17.16%	99.53%
100,000		1,403.24	1,160.42	(242.82)	-17.30%	99.71%

*Median Usage Bill.
**Average Residential Bill.
*** Average Non-Residential Bill.

CHARLES TOWN UTILITY BOARD - WASTEWATER

OPTION B - RATE EQUALIZATION WITH 1,000 GALLON MONTHLY MINIMUM

COMPARISON OF COST OF SERVICE WITH REVENUES UNDER PRESENT RATES

FOR THE YEAR ENDING JUNE 30, 2024

Customer Classification	Cost of Service		Revenues, Present Rates		Revenues, Proposed Rates		Proposed Increase	
	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent Increase
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Residential	$ 4,430,416	71.8%	$ 4,469,478	72.4%	$ 4,427,099	71.8%	$ (42,379)	-0.9%
Non-Residential	1,739,392	28.2%	1,700,329	27.6%	1,742,210	28.2%	41,881	2.5%
Total Sales	6,169,808	100.0%	6,169,807	100.0%	6,169,309	100.0%	$ (498)	0.0%
Other Revenues	124,000		124,000		124,000		-	0.0%
Total	$ 6,293,808		$ 6,293,807		$ 6,293,309		$ (498)	0.0%

CHARLES TOWN UTILITY BOARD
OPTION B - RATE EQUALIZATION PROPOSED 1,000 GALLON MINIMUM
COMPARISON OF PRESENT AND PROPOSED RATES

	2022/2023 Rates	2023/2024 Rates
Charles Town and Ranson		
Minimum Charge - All Meter Sizes	$ 29.58	$ 19.52
Consumption Charges (per 1000 gallons)		
First 2,000 gallons/1000 gallons	$ -	$ -
Next 8,000 gallons/9,000 gallons	$ 10.640	$ 12.200
Over 10,000 gallons	$ 9.670	$ 12.200
Ranson		
Minimum Charge - All Meter Sizes	$ 29.58	$ 19.52
Consumption Charges (per 1000 gallons)		
First 2,000 gallons/1000 gallons		$ -
Next 8,000 gallons/9,000 gallons	$ 10.640	$ 12.200
Over 10,000 gallons	$ 9.670	$ 12.200
Jefferson County		
Minimum Charge - All Meter Sizes	$ 30.72	$ 19.52
Consumption Charges (per 1000 gallons)		
First 2,000 gallons/1000 gallons	$ -	$ -
Next 8,000 gallons/9,000 gallons	$ 14.290	$ 12.200
Over 10,000 gallons	$ 13.980	$ 12.200
Flat Rate	$ 52.16	$ 47.58

Average Bills Charles Town and Ranson:	Average Bill, Present Rates	Average Bill, Proposed Rates	Dollar Increase/(Decrease)	Percentage Increase/(Decrease)
Residential at 3,300 gallons	$ 43.41	$ 47.58	$ 4.17	9.60%
Non-Residential at 8,450 gallons	98.21	110.41	12.20	12.42%
Race Course at 940,000 Monthly	9,107.80	11,475.32	2,367.52	25.99%
Jefferson County:				
Residential at 3,300 gallons	$ 49.30	$ 47.58	$ (1.72)	-3.48%
Non-Residential at 8,450 gallons	122.89	110.41	(12.48)	-10.16%

CHARLES TOWN UTILITY BOARD
OPTION B
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES
CITY AND RANSON - MONTHLY

CONSUMPTION GALLONS	BILLS UNDER 2022/2023 RATES	BILLS UNDER 2023/2024 RATES	INCREASE AMOUNT	INCREASE PERCENT	PERCENT OF BILLS
(1)	(2)	(3)	(4)	(5)	(6)
0	$ 29.58	$ 19.52	$ (10.06)	-34.01%	2.43%
1,000	29.58	19.52	(10.06)	-34.01%	16.31%
2,000	29.58	31.72	2.14	7.23%	38.71%
2,500 *	34.90	37.82	2.92	8.37%	50.05%
3,000	40.22	43.92	3.70	9.20%	59.47%
3,300 **	43.41	47.58	4.17	9.60%	64.46%
4,000	50.86	56.12	5.26	10.34%	74.08%
5,000	61.50	68.32	6.82	11.09%	84.54%
6,000	72.14	80.52	8.38	11.62%	89.97%
7,000	82.78	92.72	9.94	12.01%	93.21%
8,000	93.42	104.92	11.50	12.31%	95.23%
8,450 **	98.21	110.41	12.20	12.42%	95.81%
9,000	104.06	117.12	13.06	12.55%	96.45%
10,000	114.70	129.32	14.62	12.75%	97.20%
11,000	124.37	141.52	17.15	13.79%	97.69%
12,000	134.04	153.72	19.68	14.68%	98.05%
13,000	143.71	165.92	22.21	15.45%	98.31%
14,000	153.38	178.12	24.74	16.13%	98.51%
15,000	163.05	190.32	27.27	16.72%	98.68%
20,000	211.40	251.32	39.92	18.88%	99.04%
30,000	308.10	373.32	65.22	21.17%	99.32%
40,000	404.80	495.32	90.52	22.36%	99.49%
50,000	501.50	617.32	115.82	23.09%	99.65%
60,000	598.20	739.32	141.12	23.59%	99.73%
70,000	694.90	861.32	166.42	23.95%	99.77%
100,000	985.00	1,227.32	242.32	24.60%	99.86%
200,000	1,952.00	2,447.32	495.32	25.38%	99.96%
300,000	2,919.00	3,667.32	748.32	25.64%	99.99%
400,000	3,886.00	4,887.32	1,001.32	25.77%	100.00%

*Median Usage Bill.
**Average Residential Bill.
*** Average Non-Residential Bill.

CHARLES TOWN UTILITY BOARD
OPTION B
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES
COUNTY - MONTHLY

CONSUMPTION GALLONS	BILLS UNDER 2022/2023 RATES	BILLS UNDER 2023/2024 RATES	INCREASE AMOUNT	INCREASE PERCENT	PERCENT OF BILLS
(1)	(2)	(3)	(4)	(5)	(6)
0	$ 30.72	$ 19.52	$ (11.20)	-36.46%	0.87%
1,000	30.72	19.52	(11.20)	-36.46%	10.10%
2,000	30.72	31.72	1.00	3.26%	29.20%
2,900 *	43.58	42.70	(0.88)	-2.02%	50.07%
3,000	45.01	43.92	(1.09)	-2.42%	52.03%
3,300 **	49.30	47.58	(1.72)	-3.48%	57.37%
4,000	59.30	56.12	(3.18)	-5.36%	68.62%
5,000	73.59	68.32	(5.27)	-7.16%	79.79%
6,000	87.88	80.52	(7.36)	-8.38%	87.19%
7,000	102.17	92.72	(9.45)	-9.25%	91.68%
8,000	116.46	104.92	(11.54)	-9.91%	94.25%
8,450 **	122.89	110.41	(12.48)	-10.16%	94.95%
9,000	130.75	117.12	(13.63)	-10.42%	95.79%
10,000	145.04	129.32	(15.72)	-10.84%	96.75%
11,000	159.02	141.52	(17.50)	-11.00%	97.40%
12,000	173.00	153.72	(19.28)	-11.14%	97.87%
13,000	186.98	165.92	(21.06)	-11.26%	98.19%
14,000	200.96	178.12	(22.84)	-11.37%	98.41%
15,000	214.94	190.32	(24.62)	-11.45%	98.58%
20,000	284.84	251.32	(33.52)	-11.77%	98.99%
30,000	424.64	373.32	(51.32)	-12.09%	99.18%
40,000	564.44	495.32	(69.12)	-12.25%	99.35%
50,000	704.24	617.32	(86.92)	-12.34%	99.46%
60,000	844.04	739.32	(104.72)	-12.41%	99.53%
100,000	1,403.24	1,227.32	(175.92)	-12.54%	99.71%

*Median Usage Bill.
**Average Residential Bill.
*** Average Non-Residential Bill.

CHARLES TOWN UTILITY BOARD - WASTEWATER

OPTION C - RATE EQUALIZATION WITH 1,500 GALLON MONTHLY MINIMUM

COMPARISON OF COST OF SERVICE WITH REVENUES UNDER PRESENT RATES

FOR THE YEAR ENDING JUNE 30, 2024

Customer Classification	Cost of Service		Revenues, Present Rates		Revenues, Proposed Rates		Proposed Increase	
	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent Increase
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Residential	$ 4,430,416	71.8%	$ 4,469,478	72.4%	$ 4,426,988	71.8%	$ (42,490)	-1.0%
Non-Residential	1,739,392	28.2%	1,700,329	27.6%	1,742,325	28.2%	41,996	2.5%
Total Sales	6,169,808	100.0%	6,169,807	100.0%	6,169,313	100.0%	$ (494)	0.0%
Other Revenues	124,000		124,000		124,000		-	0.0%
Total	$ 6,293,808		$ 6,293,807		$ 6,293,313		$ (494)	0.0%

CHARLES TOWN UTILITY BOARD
OPTION C - RATE EQUALIZATION PROPOSED 1,500 GALLON MINIMUM
COMPARISON OF PRESENT AND PROPOSED RATES

	2022/2023 Rates	2023/2024 Rates	
Charles Town and Ranson			
Minimum Charge - All Meter Sizes	$ 29.58	$ 25.17	$ 16.78000000
Consumption Charges (per 1000 gallons)			
First 2,000 gallons/1,500 gallons	$ -	$ -	
Next 8,000 gallons/8,500 gallons	$ 10.640	$ 11.910	
Over 10,000 gallons	$ 9.670	$ 11.910	
Ranson			
Minimum Charge - All Meter Sizes	$ 29.58	$ 25.17	
Consumption Charges (per 1000 gallons)			
First 2,000 gallons/1,500 gallons		$ -	
Next 8,000 gallons/8,500 gallons	$ 10.640	$ 11.910	
Over 10,000 gallons	$ 9.670	$ 11.910	
Jefferson County			
Minimum Charge - All Meter Sizes	$ 30.72	$ 25.17	
Consumption Charges (per 1000 gallons)			
First 2,000 gallons/1,500 gallons	$ -	$ -	
Next 8,000 gallons/8,500 gallons	$ 14.290	$ 11.910	
Over 10,000 gallons	$ 13.980	$ 11.910	
Flat Rate	$ 52.16	$ 52.56	

Average Bills Charles Town and Ranson:	Average Bill, Present Rates	Average Bill, Proposed Rates	Dollar Increase/(Decrease)	Percentage Increase/(Decrease)
Residential at 3,300 gallons	$ 43.41	$ 46.61	$ 3.20	7.36%
Non-Residential at 8,450 gallons	98.21	107.94	9.74	9.91%
Race Course at 940,000 Monthly	9,107.80	11,208.66	2,100.86	23.07%
Jefferson County:				
Residential at 3,300 gallons	$ 49.30	$ 46.61	$ (2.69)	-5.45%
Non-Residential at 8,450 gallons	122.89	107.94	(14.95)	-12.16%

CHARLES TOWN UTILITY BOARD
OPTION C
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES
CITY AND RANSON - MONTHLY

CONSUMPTION GALLONS	BILLS UNDER 2022/2023 RATES	BILLS UNDER 2023/2024 RATES	INCREASE AMOUNT	INCREASE PERCENT	PERCENT OF BILLS
(1)	(2)	(3)	(4)	(5)	(6)
0	$ 29.58	$ 25.17	$ (4.41)	-14.91%	2.43%
1,000	29.58	25.17	(4.41)	-14.91%	16.31%
2,000	29.58	31.13	1.55	5.22%	38.71%
2,500 *	34.90	37.08	2.18	6.25%	50.05%
3,000	40.22	43.04	2.82	7.00%	59.47%
3,300 **	43.41	46.61	3.20	7.36%	64.46%
4,000	50.86	54.95	4.09	8.03%	74.08%
5,000	61.50	66.86	5.36	8.71%	84.54%
6,000	72.14	78.77	6.63	9.18%	89.97%
7,000	82.78	90.68	7.90	9.54%	93.21%
8,000	93.42	102.59	9.17	9.81%	95.23%
8,450 **	98.21	107.94	9.74	9.91%	95.81%
9,000	104.06	114.50	10.44	10.03%	96.45%
10,000	114.70	126.41	11.71	10.20%	97.20%
11,000	124.37	138.32	13.95	11.21%	97.69%
12,000	134.04	150.23	16.19	12.07%	98.05%
13,000	143.71	162.14	18.43	12.82%	98.31%
14,000	153.38	174.05	20.67	13.47%	98.51%
15,000	163.05	185.96	22.91	14.05%	98.68%
20,000	211.40	245.51	34.11	16.13%	99.04%
30,000	308.10	364.61	56.51	18.34%	99.32%
40,000	404.80	483.71	78.91	19.49%	99.49%
50,000	501.50	602.81	101.31	20.20%	99.65%
60,000	598.20	721.91	123.71	20.68%	99.73%
70,000	694.90	841.01	146.11	21.03%	99.77%
100,000	985.00	1,198.31	213.31	21.66%	99.86%
200,000	1,952.00	2,389.31	437.31	22.40%	99.96%
300,000	2,919.00	3,580.31	661.31	22.66%	99.99%
400,000	3,886.00	4,771.31	885.31	22.78%	100.00%

*Median Usage Bill.
**Average Residential Bill.
*** Average Non-Residential Bill.

CHARLES TOWN UTILITY BOARD
OPTION C
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES
COUNTY - MONTHLY

CONSUMPTION GALLONS	BILLS UNDER 2022/2023 RATES	BILLS UNDER 2023/2024 RATES	INCREASE AMOUNT	INCREASE PERCENT	PERCENT OF BILLS
(1)	(2)	(3)	(4)	(5)	(6)
0	$ 30.72	$ 25.17	$ (5.55)	-18.07%	0.87%
1,000	30.72	25.17	(5.55)	-18.07%	10.10%
2,000	30.72	31.13	0.41	1.32%	29.20%
2,900 *	43.58	41.84	(1.74)	-3.99%	50.07%
3,000	45.01	43.04	(1.97)	-4.39%	52.03%
3,300 **	49.30	46.61	(2.69)	-5.45%	57.37%
4,000	59.30	54.95	(4.36)	-7.34%	68.62%
5,000	73.59	66.86	(6.74)	-9.15%	79.79%
6,000	87.88	78.77	(9.11)	-10.37%	87.19%
7,000	102.17	90.68	(11.50)	-11.25%	91.68%
8,000	116.46	102.59	(13.88)	-11.91%	94.25%
8,450 **	122.89	107.94	(14.95)	-12.16%	94.95%
9,000	130.75	114.50	(16.26)	-12.43%	95.79%
10,000	145.04	126.41	(18.64)	-12.85%	96.75%
11,000	159.02	138.32	(20.71)	-13.02%	97.40%
12,000	173.00	150.23	(22.78)	-13.16%	97.87%
13,000	186.98	162.14	(24.85)	-13.29%	98.19%
14,000	200.96	174.05	(26.92)	-13.39%	98.41%
15,000	214.94	185.96	(28.99)	-13.49%	98.58%
20,000	284.84	245.51	(39.34)	-13.81%	98.99%
30,000	424.64	364.61	(60.04)	-14.14%	99.18%
40,000	564.44	483.71	(80.74)	-14.30%	99.35%
50,000	704.24	602.81	(101.44)	-14.40%	99.46%
60,000	844.04	721.91	(122.14)	-14.47%	99.53%
100,000	1,403.24	1,198.31	(204.94)	-14.60%	99.71%

*Median Usage Bill.
**Average Residential Bill.
***Average Non-Residential Bill.

CHARLES TOWN UTILITY BOARD
WATER OPERATIONS
COMPARISON OF COST OF SERVICE TO REVENUES UNDER PRESENT RATES AND REVENUES UNDER PROPOSED RATE OPTIONS A THROUGH D

Customer Classification	COST OF SERVICE Amount (Schedule B)	Percent	CURRENT RATES Revenues, Present Rates Amount	Percent	OPTION A - 2,500 GALLON MINIMUM Revenues, Proposed Rates Amount	Percent	Amount	Percent Increase	OPTION B - 1,000 GALLON MINIMUM Revenues, Proposed Rates Amount	Percent	Amount	Percent Increase	OPTION C - 1,500 GALLON MINIMUM Revenues, Proposed Rates Amount	Percent	Amount	Percent Increase	OPTION D - 1,500 GALLON MINIMUM, NO THIRD BLOCK Revenues, Proposed Rates Amount	Percent	Amount	Percent Increase
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(14)	(15)	(16)	(17)
Residential	$ 3,078,519	67.0%	$ 2,663,438	67.4%	$ 3,091,474	67.3%	428,036	16.1%	$ 3,095,048	67.4%	431,611	16.2%	$ 3,095,455	67.4%	432,018	16.2%	$ 3,087,856	67.3%	424,419	15.9%
Commercial	1,280,466	27.9%	1,131,033	28.6%	1,308,721	28.5%	177,688	15.7%	1,304,955	28.4%	173,923	15.4%	1,303,790	28.4%	172,757	15.3%	1,312,444	28.6%	181,411	16.0%
Race Track	232,569	5.1%	159,423	4.0%	191,241	4.2%	31,818	20.0%	191,241	4.2%	31,818	20.0%	191,241	4.2%	31,818	20.0%	191,241	4.2%	31,818	20.0%
Total Sales	$ 4,591,554	100.0%	$ 3,953,893	100.0%	$ 4,591,435	100.0%	$ 637,542		$ 4,591,245	100.0%	$ 637,351	16.1%	$ 4,590,486	100.0%	$ 636,593		$ 4,591,541	100.0%	$ 637,648	
Other Revenues	143,000		143,000		143,000				143,000				143,000				143,000			
Total	$ 4,734,554		$ 4,096,893		$ 4,734,435				$ 4,734,245				$ 4,733,486				$ 4,734,541			

CHARLES TOWN UTILITY BOARD

COMPARISON OF MONTHLY BILLS UNDER PRESENT RATES AND PROPOSED RATES OF OPTIONS A THROUGH D FOR THE AVERAGE AND MEDIAN RESIDENTIAL CUSTOMER AND THE TOP TEN COMMERCIAL CUSTOMERS

						Option A - 2,500 Gallon Minimum				Option B - 1,000 Gallon Minimum				Option C - 1,500 Minimum				Option D - 1,500 Min, Eliminate 2nd Block			
Rank	Account/Customer	Avg. Monthly Usage (Gals.)	Meter Size	Present Minimum	Present Bill	Minimum*	Proposed Bill	Dollar Increase	Percent Increase	Proposed Minimum	Proposed Bill	Dollar Increase	Percent Increase	Proposed Minimum	Proposed Bill	Dollar Increase	Percent Increase	Proposed Minimum	Proposed Bill	Dollar Increase	Percent Increase
Residential Customers																					
1	Median Residential Usage	2,700	5/8"	2,500	$ 27.89	2,500	32.94	5.05	18.10%	1,000	37.10	9.21	33.01%	1,500	36.18	8.29	29.72%	1,500	35.96	8.07	28.94%
2	Average Residential Usage	3,300	5/8"	2,500	34.09	2,500	40.26	6.17	18.10%	1,000	49.46	15.38	45.10%	1,500	44.22	10.13	29.72%	1,500	43.96	9.87	28.94%
Top 10 Commercial Customers																					
1	Race Track	940,000	N/A	N/A	$ 4,568.40	N/A	$ 5,480.20	$ 911.80	19.96%	N/A	$ 5,480.20	$ 911.80	19.96%	N/A	$ 5,480.20	$ 911.80	19.96%	N/A	$ 5,480.20	$ 911.80	19.96%
2	103-001035-00	800,000	1.5"	12,940	5,553.50	12,940	6,338.50	785.00	14.14%	5,180	7,982.00	2,428.50	43.73%	7,760	7,323.90	1,770.40	31.88%	7,760	6,939.60	1,386.10	24.96%
3	205-000120-00	400,000	5/8"	2,500	2,865.40	2,500	3,222.50	357.10	12.46%	1,000	4,050.00	1,184.60	41.34%	1,500	3,719.90	854.50	29.82%	1,500	3,567.60	702.20	24.51%
4	103-001085-02	310,000	2"	21,754	2,152.90	21,754	2,521.40	368.50	17.12%	8,700	3,165.30	1,012.40	47.03%	13,050	2,909.00	756.10	35.12%	13,050	2,808.90	656.00	30.47%
5	105-001497-00	300,000	3"	42,942	2,171.40	42,942	2,443.50	272.10	12.53%	17,180	3,067.00	895.60	41.25%	25,770	2,818.90	647.50	29.82%	25,770	2,724.60	553.20	25.48%
6	202-001445-00	260,000	3"	42,942	1,893.80	42,942	2,131.90	238.10	12.57%	17,180	2,673.80	780.00	41.19%	25,770	2,458.50	564.70	29.82%	25,770	2,387.40	493.60	26.06%
7	202-001040-00	230,000	4"	80,159	1,685.60	80,159	1,898.20	212.60	12.61%	32,060	2,358.02	672.42	39.89%	48,100	2,188.20	502.60	29.82%	48,100	2,134.50	448.90	26.63%
8	302-000500-03	210,000	2"	21,754	1,458.90	21,754	1,742.40	283.50	19.43%	8,700	2,182.30	723.40	49.59%	13,050	2,008.00	549.10	37.64%	13,050	1,965.90	507.00	34.75%
9	105-001496-01	180,000	3"	42,942	1,338.60	42,942	1,508.70	170.10	12.71%	17,180	1,887.40	548.80	41.00%	25,770	1,737.70	399.10	29.82%	25,770	1,713.00	374.40	27.97%
10	104-001451-00	170,000	5/8"	2,500	1,269.20	2,500	1,430.80	161.60	12.73%	1,000	1,789.10	519.90	40.96%	1,500	1,647.60	378.40	29.81%	1,500	1,628.70	359.50	28.32%

*Same minimum as current rate structure.

CHARLES TOWN UTILITY BOARD
SUMMARY OF USAGE BLOCK ANALYSIS

	FOR ALL RATE OPTIONS					OPTION A			OPTION B			OPTION C			OPTION D		
Blocking	Total No. of Bills	No. of Bills	Percent of Bills >10,000	No. of Bills	Percent of Bills >40,000	No. of Bills	Percent of Bills <Min.	Proposed Minimum	No. of Bills	Percent of Bills <Min.	Proposed Minimum	No. of Bills	Percent of Bills <Min.	Proposed Minimum	No. of Bills	Percent of Bills <Min.	Proposed Minimum
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Residential	66,617	65,443	1.76%	66,575	0.06%	30,324	45.52%	2,500	9,215	13.83%	1,000	15,550	23.34%	1,500	15,550	23.34%	1,500
Commercial																	
All Commecial	18,567	17,571	5.36%	18,170	2.14%	12,706	68.43%		4,173	22.48%		6,091	32.81%		6,091	32.81%	
Meter Size																	
5/8"	16,921	16,699	1.31%	16,905	0.09%	11,817	69.84%	2,500	3,609	21.33%	1,000	5,397	31.90%	1,500	5,397	31.90%	1,500
3/4"	72	69	4.17%	72	0.00%	50	69.44%	3,750	31	43.06%	1,500	42	58.33%	2,250	42	58.33%	2,250
1"	652	441	32.36%	587	9.97%	363	55.67%	6,251	222	34.05%	2,500	265	40.64%	3,750	265	40.64%	3,750
1 1/2"	316	171	45.89%	264	16.46%	185	58.54%	12,940	136	43.04%	5,180	158	50.00%	7,760	158	50.00%	7,760
2"	516	179	65.31%	329	36.24%	266	51.55%	21,754	163	31.59%	8,700	215	41.67%	13,050	215	41.67%	13,050
3"	60	12	80.00%	13	78.33%	13	21.67%	42,942	12	20.00%	17,180	13	21.67%	25,770	13	21.67%	25,770
4"	30	-	100.00%	-	100.00%	12	40.00%	80,159	-	0.00%	32,060	1	3.33%	48,100	1	3.33%	48,100

CHARLES TOWN UTILITY BOARD
WATER OPERATIONS
OPTION A - RATE EQUALIZATION 2,500 GALLON MONTHLY MINIMUM
COMPARISON OF COST OF SERVICE WITH REVENUES UNDER PRESENT AND PROPOSED RATES
FOR THE TEST YEAR ENDED JUNE 30,2024

Customer Classification	Cost of Service Amount (Schedule B)	Cost of Service Percent	Revenues, Present Rates Amount	Revenues, Present Rates Percent	Revenues, Proposed Rates Amount	Revenues, Proposed Rates Percent	Proposed Increase Amount	Proposed Increase Percent Increase
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Residential	$ 3,078,519	67.0%	$ 2,663,438	67.4%	$ 3,091,474	67.3%	$ 428,036	16.1%
Commercial	$ 1,280,466	27.9%	1,131,033	28.6%	1,308,721	28.5%	177,688	15.7%
Race Track	$ 232,569	5.1%	159,423	4.0%	191,241	4.2%	31,818	20.0%
Total Sales	4,591,554	100.0%	3,953,893	100.0%	4,591,435	100.0%	637,542	16.1%
Other Revenues	143,000		143,000		143,000		-	0.0%
Total	$ 4,734,554		$ 4,096,893		$ 4,734,435		$ 637,542	15.6%

CHARLES TOWN UTILITY BOARD
OPTION A - RATE EQUALIZATION 2,500 GALLON MINIMUM
COMPARISON OF PRESENT AND PROPOSED RATES

Charles Town and Race Track

	2022/2023 Rates	2023/2024 Rates	
Minimum Charges			
5/8-inch and 5/8 x 3/4-inch	$ 25.83	$ 30.50	2,500
3/4-inch	38.74	45.75	3,750
1-inch	64.57	76.26	6,251
1 1/2-inch	129.14	151.01	12,940
2-inch	206.62	238.01	21,754
3-inch	387.42	441.02	42,942
4-inch	645.70	730.93	80,159
6-inch	1,291.40	1,455.72	173,199
Consumption Charges (per 1000 gallons)			
First 10,000 gallons	$ 10.330	$ 12.200	
Next 30,000 gallons	8.790	9.870	
Over 40,000 gallons	6.940	7.790	
PNGI Contract Rate (All Consumption)	$ 4.860	$ 5.830	

Jefferson County

Minimum Charge - All Meter Sizes	$ 47.10	$ -	
5/8-inch and 5/8 x 3/4-inch		30.50	
3/4-inch		45.75	
1-inch		76.26	
1 1/2-inch		151.01	
2-inch		238.01	
3-inch		441.02	
4-inch		730.93	
6-inch		1,455.72	
Consumption Charges (per 1000 gallons)			
First 5,000 gallons	$ 18.840	$ -	
Over 5,000 gallons	17.640	-	
First 10,000 gallons		$ 12.200	
Next 30,000 gallons		9.870	
Over 40,000 gallons		7.790	
Bulk Water Rate		7.790	

Average Bills	Average Bill, Present Rates	Average Bill, Proposed Rates	Dollar Increase/(Decrease)	Percentage Increase/(Decrease)
Charles Town and Ranson:				
Residential at 3,300 gallons	$ 34.09	$ 40.26	$ 6.17	18.10%
Non-Residential at 5,600 gallons	57.85	68.32	10.47	18.10%
Race Course at 940,000 Monthly	4,568.40	5,480.20	911.80	19.96%
Jefferson County:				
Residential at 3,300 gallons	$ 62.17	$ 40.26	(21.91)	-35.24%
Non-Residential at 5,600 gallons	104.78	68.32	(36.46)	-34.80%

CHARLES TOWN UTILITY BOARD
OPTION A - RATE EQUALIZATION 2,500 GALLON MINIMUM
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES
CITY AND RANSON - MONTHLY
FOR A RESIDENTIAL 5/8-INCH METER

CONSUMPTION GALLONS	BILLS UNDER 2021/2022 RATES	BILLS UNDER 2023/2024 RATES	INCREASE AMOUNT	INCREASE PERCENT	PERCENT OF BILLS***
(1)	(2)	(3)	(4)	(5)	(6)
0	$ 25.83	$ 30.50	$ 4.68	18.10%	1.41%
1,000	25.83	30.50	4.68	18.10%	13.83%
2,000	25.83	30.50	4.68	18.10%	34.23%
2,700 *	27.89	32.94	5.05	18.10%	49.58%
3,000	30.99	36.60	5.61	18.10%	55.57%
3,300 **	34.09	40.26	6.17	18.10%	66.71%
4,000	41.32	48.80	7.48	18.10%	72.77%
5,000	51.65	61.00	9.35	18.10%	83.65%
6,000	61.98	73.20	11.22	18.10%	90.24%
7,000	72.31	85.40	13.09	18.10%	93.98%
8,000	82.64	97.60	14.96	18.10%	96.21%
9,000	92.97	109.80	16.83	18.10%	97.49%
10,000	103.30	122.00	18.70	18.10%	98.24%
11,000	112.09	131.87	19.78	17.65%	98.75%
12,000	120.88	141.74	20.86	17.26%	99.06%
13,000	129.67	151.61	21.94	16.92%	99.29%
14,000	138.46	161.48	23.02	16.63%	99.43%
15,000	147.25	171.35	24.10	16.37%	99.54%
20,000	191.20	220.70	29.50	15.43%	99.78%
30,000	279.10	319.40	40.30	14.44%	99.89%
40,000	367.00	418.10	51.10	13.92%	99.94%
50,000	436.40	496.00	59.60	13.66%	99.97%
60,000	505.80	573.90	68.10	13.46%	99.99%

*Median Residential Usage
**Average Residential Usage
**Reflects cumulative percentage of actual Residential bills by usage level.

CHARLES TOWN UTILITY BOARD
OPTION A - RATE EQUALIZATION 2,500 GALLON MINIMUM
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES
CITY AND RANSON - MONTHLY
FOR A COMMERCIAL 5/8-INCH METER

CONSUMPTION GALLONS	BILLS UNDER 2021/2022 RATES	BILLS UNDER 2023/2024 RATES	INCREASE AMOUNT	INCREASE PERCENT	PERCENT OF BILLS***
(1)	(2)	(3)	(4)	(5)	(6)
0	$ 25.83	$ 30.50	$ 4.68	18.10%	3.60%
1,000	25.83	30.50	4.68	18.10%	21.33%
1,909 *	25.83	30.50	4.68	18.10%	50.20%
2,000	25.83	30.50	4.68	18.10%	53.75%
3,000	30.99	36.60	5.61	18.10%	78.96%
4,000	41.32	48.80	7.48	18.10%	86.17%
5,000	51.65	61.00	9.35	18.10%	95.09%
5,600 **	57.85	68.32	10.47	18.10%	96.11%
6,000	61.98	73.20	11.22	18.10%	96.51%
7,000	72.31	85.40	13.09	18.10%	97.52%
8,000	82.64	97.60	14.96	18.10%	98.00%
9,000	92.97	109.80	16.83	18.10%	98.44%
10,000	103.30	122.00	18.70	18.10%	98.69%
11,000	112.09	131.87	19.78	17.65%	98.91%
12,000	120.88	141.74	20.86	17.26%	99.06%
13,000	129.67	151.61	21.94	16.92%	99.18%
14,000	138.46	161.48	23.02	16.63%	99.30%
15,000	147.25	171.35	24.10	16.37%	99.47%
20,000	191.20	220.70	29.50	15.43%	99.72%
30,000	279.10	319.40	40.30	14.44%	99.86%
40,000	367.00	418.10	51.10	13.92%	99.91%
50,000	436.40	496.00	59.60	13.66%	99.95%
60,000	505.80	573.90	68.10	13.46%	99.96%
70,000	575.20	651.80	76.60	13.32%	99.98%
100,000	783.40	885.50	102.10	13.03%	99.99%
200,000	1,477.40	1,664.50	187.10	12.66%	100.00%

*Median Commercial Usage
**Average Commercial Usage
***Reflects cumulative percentage of actual Commercial bills by usage level.

CHARLES TOWN UTILITY BOARD
OPTION A - RATE EQUALIZATION 2,500 GALLON MINIMUM
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES
COUNTY - MONTHLY
FOR ALL METER SIZES

CONSUMPTION GALLONS	BILLS UNDER 2021/2022 RATES	BILLS UNDER 2023/2024 RATES	INCREASE AMOUNT	INCREASE PERCENT	PERCENT OF BILLS**
(1)	(2)	(3)	(4)	(5)	(6)
0	$ 47.10	$ 30.50	$ (16.60)	-35.24%	1.60%
1,000	47.10	30.50	(16.60)	-35.24%	15.56%
2,000	47.10	30.50	(16.60)	-35.24%	35.93%
3,000	56.52	36.60	(19.92)	-35.24%	59.64%
3,300 *	62.17	43.92	(18.25)	-29.36%	71.49%
4,000	75.36	48.80	(26.56)	-35.24%	76.22%
5,000	94.20	61.00	(33.20)	-35.24%	85.02%
6,000	111.84	73.20	(38.64)	-34.55%	88.87%
7,000	129.48	85.40	(44.08)	-34.04%	93.24%
8,000	147.12	97.60	(49.52)	-33.66%	95.78%
9,000	164.76	109.80	(54.96)	-33.36%	96.95%
10,000	182.40	122.00	(60.40)	-33.11%	97.96%
11,000	200.04	131.87	(68.17)	-34.08%	98.76%
12,000	217.68	141.74	(75.94)	-34.89%	99.05%
13,000	235.32	151.61	(83.71)	-35.57%	99.35%
14,000	252.96	161.48	(91.48)	-36.16%	99.49%
15,000	270.60	171.35	(99.25)	-36.68%	99.64%
20,000	358.80	220.70	(138.10)	-38.49%	99.93%
30,000	535.20	319.40	(215.80)	-40.32%	99.99%
40,000	711.60	418.10	(293.50)	-41.25%	99.99%
50,000	888.00	496.00	(392.00)	-44.14%	99.99%
60,000	1,064.40	573.90	(490.50)	-46.08%	99.99%

*Average Residential Usage
**Reflects cumulative percentage of actual Residential bills by usage level.

CHARLES TOWN UTILITY BOARD
WATER OPERATIONS
OPTION B - RATE EQUALIZATION WITH 1,000 GALLON MONTHLY MINIMUM
COMPARISON OF COST OF SERVICE WITH REVENUES UNDER PRESENT AND PROPOSED RATES
FOR THE TEST YEAR ENDED JUNE 30,2024

Customer Classification	Cost of Service Amount (Schedule B)	Cost of Service Percent	Revenues, Present Rates Amount	Revenues, Present Rates Percent	Revenues, Proposed Rates Amount	Revenues, Proposed Rates Percent	Proposed Increase Amount	Proposed Increase Percent Increase
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Residential	$ 3,078,519	67.0%	$ 2,663,438	67.4%	$ 3,095,048	67.4%	$ 431,611	16.2%
Commercial	$ 1,280,466	27.9%	1,131,033	28.6%	1,304,955	28.4%	173,923	15.4%
Race Track	$ 232,569	5.1%	159,423	4.0%	191,241	4.2%	31,818	20.0%
Total Sales	4,591,554	100.0%	3,953,893	100.0%	4,591,245	100.0%	637,351	16.1%
Other Revenues	143,000		143,000		143,000		-	0.0%
Total	$ 4,734,554		$ 4,096,893		$ 4,734,245		$ 637,351	15.6%

CHARLES TOWN UTILITY BOARD
OPTION B - RATE EQUALIZATION PROPOSED 1,000 GALLON MINIMUM
COMPARISON OF PRESENT AND PROPOSED RATES

Charles Town and Race Track

	2022/2023 Rates	2023/2024 Rates	Proposed Minimum By Meter Size (gallons)
Minimum Charges - 2,500 gals. ==> 1,000 gals.			
5/8-inch and 5/8 x 3/4-inch	$ 25.83	$ 13.74	1,000
3/4-inch	38.74	20.61	1,500
1-inch	64.57	34.35	2,500
1 1/2-inch	129.14	71.17	5,180
2-inch	206.62	119.54	8,700
3-inch	387.42	226.86	17,180
4-inch	645.70	412.27	32,060
6-inch	1,291.40	799.02	69,280
Consumption Charges (per 1000 gallons)			
First 10,000 gallons	$ 10.330	$ 13.740	
Next 30,000 gallons/Over 10,000 gallons (proposed)	8.790	12.460	
Over 40,000 gallons/No Third Block (proposed)	6.940	9.830	
PNGI Contract Rate (All Consumption)	$ 4.860	$ 5.830	

Jefferson County

Minimum Charges - 2,500 gals. ==> 1,000 gals.	$ 47.10	$ -	
5/8-inch and 5/8 x 3/4-inch		13.74	1,000
3/4-inch		20.61	1,500
1-inch		34.35	2,500
1 1/2-inch		71.17	5,180
2-inch		119.54	8,700
3-inch		226.86	17,180
4-inch		412.27	32,060
6-inch		799.02	69,280
Consumption Charges (per 1000 gallons)			
First 5,000 gallons	$ 18.840	$ -	
Over 5,000 gallons	17.640	-	
First 10,000 gallons		$ 13.740	
Next 30,000 gallons		12.460	
Over 40,000 gallons		9.830	
Bulk Water Rate		9.830	

Average Bills Charles Town and Ranson:	Average Bill, Present Rates	Average Bill, Proposed Rates	Dollar Increase/(Decrease)	Percentage Increase/(Decrease)
Residential at 3,300 gallons	$ 34.09	$ 45.34	$ 11.25	33.01%
Non-Residential at 5,600 gallons	57.85	76.94	19.10	33.01%
Race Course at 940,000 Monthly	4,568.40	5,480.20	911.80	19.96%
Jefferson County:				
Residential at 3,300 gallons	$ 62.17	$ 45.34	$ (16.83)	-27.07%
Non-Residential at 5,600 gallons	104.78	76.94	(27.84)	-26.57%

CHARLES TOWN UTILITY BOARD
OPTION B - 1,000 GALLON MINIMUM
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES
CITY AND RANSON - MONTHLY
FOR A RESIDENTIAL 5/8-INCH METER

CONSUMPTION GALLONS	BILLS UNDER 2021/2022 RATES	BILLS UNDER 2023/2024 RATES	INCREASE AMOUNT	INCREASE PERCENT	PERCENT OF BILLS***
(1)	(2)	(3)	(4)	(5)	(6)
0	$ 25.83	$ 13.74	$ (12.09)	-46.80%	1.41%
1,000	25.83	13.74	(12.09)	-46.80%	13.83%
2,000	25.83	27.48	1.66	6.41%	34.23%
2,700 *	27.89	37.10	9.21	33.01%	49.58%
3,000	30.99	41.22	10.23	33.01%	55.57%
3,300 **	34.09	49.46	15.38	45.10%	66.71%
4,000	41.32	54.96	13.64	33.01%	72.77%
5,000	51.65	68.70	17.05	33.01%	83.65%
6,000	61.98	82.44	20.46	33.01%	90.24%
7,000	72.31	96.18	23.87	33.01%	93.98%
8,000	82.64	109.92	27.28	33.01%	96.21%
9,000	92.97	123.66	30.69	33.01%	97.49%
10,000	103.30	137.40	34.10	33.01%	98.24%
11,000	112.09	149.86	37.77	33.70%	98.75%
12,000	120.88	162.32	41.44	34.28%	99.06%
13,000	129.67	174.78	45.11	34.79%	99.29%
14,000	138.46	187.24	48.78	35.23%	99.43%
15,000	147.25	199.70	52.45	35.62%	99.54%
20,000	191.20	262.00	70.80	37.03%	99.78%
30,000	279.10	386.60	107.50	38.52%	99.89%
40,000	367.00	511.20	144.20	39.29%	99.94%
50,000	436.40	609.50	173.10	39.67%	99.97%
60,000	505.80	707.80	202.00	39.94%	99.99%

*Median Residential Usage
**Average Residential Usage
***Reflects cumulative percentage of actual Residential bills by usage level.

CHARLES TOWN UTILITY BOARD
OPTION B - 1,000 GALLON MINIMUM
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES
CITY AND RANSON - MONTHLY
FOR A COMMERCIAL 5/8-INCH METER

CONSUMPTION GALLONS	BILLS UNDER 2021/2022 RATES	BILLS UNDER 2023/2024 RATES	INCREASE AMOUNT	INCREASE PERCENT	PERCENT OF BILLS**
(1)	(2)	(3)	(4)	(5)	(6)
0	$ 25.83	$ 13.74	$ (12.09)	-46.80%	3.60%
1,000	25.83	13.74	(12.09)	-46.80%	21.33%
1,909 *	25.83	26.23	0.40	1.57%	50.20%
2,000	25.83	27.48	1.66	6.41%	53.75%
3,000	30.99	41.22	10.23	33.01%	78.96%
4,000	41.32	54.96	13.64	33.01%	86.17%
5,000	51.65	68.70	17.05	33.01%	95.09%
5,600 **	57.85	76.94	19.10	33.01%	96.11%
6,000	61.98	82.44	20.46	33.01%	96.51%
7,000	72.31	96.18	23.87	33.01%	97.52%
8,000	82.64	109.92	27.28	33.01%	98.00%
9,000	92.97	123.66	30.69	33.01%	98.44%
10,000	103.30	137.40	34.10	33.01%	98.69%
11,000	112.09	149.86	37.77	33.70%	98.91%
12,000	120.88	162.32	41.44	34.28%	99.06%
13,000	129.67	174.78	45.11	34.79%	99.18%
14,000	138.46	187.24	48.78	35.23%	99.30%
15,000	147.25	199.70	52.45	35.62%	99.47%
20,000	191.20	262.00	70.80	37.03%	99.72%
30,000	279.10	386.60	107.50	38.52%	99.86%
40,000	367.00	511.20	144.20	39.29%	99.91%
50,000	436.40	609.50	173.10	39.67%	99.95%
60,000	505.80	707.80	202.00	39.94%	99.96%
70,000	575.20	806.10	230.90	40.14%	99.98%
100,000	783.40	1,101.00	317.60	40.54%	99.99%
200,000	1,477.40	2,084.00	606.60	41.06%	100.00%

*Median Commercial Usage
**Average Commercial Usage
***Reflects cumulative percentage of actual Commercial 5/8"-meter sized bills by usage level.

CHARLES TOWN UTILITY BOARD
OPTION B - 1,000 GALLON MINIMUM
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES
COUNTY - MONTHLY
FOR ALL METER SIZES

CONSUMPTION GALLONS	BILLS UNDER 2021/2022 RATES	BILLS UNDER 2023/2024 RATES	INCREASE AMOUNT	INCREASE PERCENT	PERCENT OF BILLS**
(1)	(2)	(3)	(4)	(5)	(6)
0	$ 47.10	$ 13.74	$ (33.36)	-70.83%	1.60%
1,000	47.10	13.74	(33.36)	-70.83%	15.56%
2,000	47.10	27.48	(19.62)	-41.66%	35.93%
3,000	56.52	41.22	(15.30)	-27.07%	59.64%
3,600 *	67.82	49.46	(18.36)	-27.07%	71.49%
4,000	75.36	54.96	(20.40)	-27.07%	76.22%
5,000	94.20	68.70	(25.50)	-27.07%	85.02%
6,000	111.84	82.44	(29.40)	-26.29%	88.87%
7,000	129.48	96.18	(33.30)	-25.72%	93.24%
8,000	147.12	109.92	(37.20)	-25.29%	95.78%
9,000	164.76	123.66	(41.10)	-24.95%	96.95%
10,000	182.40	137.40	(45.00)	-24.67%	97.96%
11,000	200.04	149.86	(50.18)	-25.08%	98.76%
12,000	217.68	162.32	(55.36)	-25.43%	99.05%
13,000	235.32	174.78	(60.54)	-25.73%	99.35%
14,000	252.96	187.24	(65.72)	-25.98%	99.49%
15,000	270.60	199.70	(70.90)	-26.20%	99.64%
20,000	358.80	262.00	(96.80)	-26.98%	99.93%
30,000	535.20	386.60	(148.60)	-27.77%	99.99%
40,000	711.60	511.20	(200.40)	-28.16%	99.99%
50,000	888.00	609.50	(278.50)	-31.36%	99.99%
60,000	1,064.40	707.80	(356.60)	-33.50%	99.99%

*Average Residential Usage
**Reflects cumulative percentage of actual Residential bills by usage level.

CHARLES TOWN UTILITY BOARD
WATER OPERATIONS
OPTION C - RATE EQUALIZATION WITH 1,500 GALLON MONTHLY MINIMUM
COMPARISON OF COST OF SERVICE WITH REVENUES UNDER PRESENT AND PROPOSED RATES
FOR THE TEST YEAR ENDED JUNE 30,2024

Customer Classification	Cost of Service Amount (Schedule B)	Cost of Service Percent	Revenues, Present Rates Amount	Revenues, Present Rates Percent	Revenues, Proposed Rates Amount	Revenues, Proposed Rates Percent	Proposed Increase Amount	Proposed Increase Percent Increase
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Residential	$ 3,078,519	67.0%	$ 2,663,438	67.4%	$ 3,095,455	67.4%	$ 432,018	16.2%
Commercial	$ 1,280,466	27.9%	1,131,033	28.6%	1,303,790	28.4%	172,757	15.3%
Race Track	$ 232,569	5.1%	159,423	4.0%	191,241	4.2%	31,818	20.0%
Total Sales	4,591,554	100.0%	3,953,893	100.0%	4,590,486	100.0%	636,593	16.1%
Other Revenues	143,000		143,000		143,000		-	0.0%
Total	$ 4,734,554		$ 4,096,893		$ 4,733,486		$ 636,593	15.5%

CHARLES TOWN UTILITY BOARD
OPTION C - RATE EQUALIZATION PROPOSED 1,500 GALLON MINIMUM
COMPARISON OF PRESENT AND PROPOSED RATES

Charles Town and Race Track

	2022/2023 Rates	2023/2024 Rates	Proposed Minimum By Meter Size (gallons)
Minimum Charges - 2,500 gals. ==> 1,500 gals.			
5/8-inch and 5/8 x 3/4-inch	$ 25.83	$ 20.10	1,500
3/4-inch	38.74	30.15	2,250
1-inch	64.57	50.25	3,750
1 1/2-inch	129.14	103.98	7,760
2-inch	206.62	168.80	13,050
3-inch	387.42	313.94	25,770
4-inch	645.70	549.28	48,100
6-inch	1,291.40	1,052.22	103,920
Consumption Charges (per 1000 gallons)			
First 10,000 gallons	$ 10.330	$ 13.400	
Next 30,000 gallons	8.790	11.410	
Over 40,000 gallons	6.940	9.010	
PNGI Contract Rate (All Consumption)	$ 4.860	$ 5.830	

Jefferson County

Minimum Charges - 2,500 gals. ==> 1,000 gals.	$ 47.10	$ -	
5/8-inch and 5/8 x 3/4-inch		20.10	1,500
3/4-inch		30.15	2,250
1-inch		50.25	3,750
1 1/2-inch		103.98	7,760
2-inch		168.80	13,050
3-inch		313.94	25,770
4-inch		549.28	48,100
6-inch		1,052.22	103,920
Consumption Charges (per 1000 gallons)			
First 5,000 gallons	$ 18.840	$ -	
Over 5,000 gallons	17.640	-	
First 10,000 gallons		$ 13.400	
Next 30,000 gallons		11.410	
Over 40,000 gallons		9.010	
Bulk Water Rate		9.010	

Average Bills Charles Town and Ranson:	Average Bill, Present Rates	Average Bill, Proposed Rates	Dollar Increase/(Decrease)	Percentage Increase/(Decrease)
Residential at 3,300 gallons	$ 34.09	$ 44.22	$ 10.13	29.72%
Non-Residential at 5,600 gallons	57.85	75.04	17.19	29.72%
Race Course at 940,000 Monthly	4,568.40	5,480.20	911.80	19.96%
Jefferson County:				
Residential at 3,300 gallons	$ 62.17	$ 44.22	$ (17.95)	-28.87%
Non-Residential at 5,600 gallons	104.78	75.04	(29.74)	-28.39%

CHARLES TOWN UTILITY BOARD
OPTION C - 1,500 GALLON MINIMUM
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES
CITY AND RANSON - MONTHLY
FOR A RESIDENTIAL 5/8-INCH METER

CONSUMPTION GALLONS	BILLS UNDER 2021/2022 RATES	BILLS UNDER 2023/2024 RATES	INCREASE AMOUNT	INCREASE PERCENT	PERCENT OF BILLS**
(1)	(2)	(3)	(4)	(5)	(6)
0	$ 25.83	$ 20.10	$ (5.73)	-22.17%	1.41%
1,000	25.83	20.10	(5.73)	-22.17%	13.83%
2,000	25.83	26.80	0.98	3.78%	34.23%
2,700 *	27.89	36.18	8.29	29.72%	49.58%
3,000	30.99	40.20	9.21	29.72%	55.57%
3,300 **	34.09	44.22	10.13	29.72%	66.71%
4,000	41.32	53.60	12.28	29.72%	72.77%
5,000	51.65	67.00	15.35	29.72%	83.65%
6,000	61.98	80.40	18.42	29.72%	90.24%
7,000	72.31	93.80	21.49	29.72%	93.98%
8,000	82.64	107.20	24.56	29.72%	96.21%
9,000	92.97	120.60	27.63	29.72%	97.49%
10,000	103.30	134.00	30.70	29.72%	98.24%
11,000	112.09	145.41	33.32	29.73%	98.75%
12,000	120.88	156.82	35.94	29.73%	99.06%
13,000	129.67	168.23	38.56	29.74%	99.29%
14,000	138.46	179.64	41.18	29.74%	99.43%
15,000	147.25	191.05	43.80	29.75%	99.54%
20,000	191.20	248.10	56.90	29.76%	99.78%
30,000	279.10	362.20	83.10	29.77%	99.89%
40,000	367.00	476.30	109.30	29.78%	99.94%
50,000	436.40	566.40	130.00	29.79%	99.97%
60,000	505.80	656.50	150.70	29.79%	99.99%

*Median Residential Usage
**Average Residential Usage
***Reflects cumulative percentage of actual Residential bills by usage level.

CHARLES TOWN UTILITY BOARD
OPTION C - 1,500 GALLON MINIMUM
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES
CITY AND RANSON - MONTHLY
FOR A COMMERCIAL 5/8-INCH METER

CONSUMPTION GALLONS	BILLS UNDER 2021/2022 RATES	BILLS UNDER 2023/2024 RATES	INCREASE AMOUNT	INCREASE PERCENT	PERCENT OF BILLS***
(1)	(2)	(3)	(4)	(5)	(6)
0	$ 25.83	$ 20.10	$ (5.73)	-22.17%	3.60%
1,000	25.83	20.10	(5.73)	-22.17%	21.33%
1,909 *	25.83	25.58	(0.24)	-0.95%	50.20%
2,000	25.83	26.80	0.98	3.78%	53.75%
3,000	30.99	40.20	9.21	29.72%	78.96%
4,000	41.32	53.60	12.28	29.72%	86.17%
5,000	51.65	67.00	15.35	29.72%	95.09%
5,600 **	57.85	75.04	17.19	29.72%	96.11%
6,000	61.98	80.40	18.42	29.72%	96.51%
7,000	72.31	93.80	21.49	29.72%	97.52%
8,000	82.64	107.20	24.56	29.72%	98.00%
9,000	92.97	120.60	27.63	29.72%	98.44%
10,000	103.30	134.00	30.70	29.72%	98.69%
11,000	112.09	145.41	33.32	29.73%	98.91%
12,000	120.88	156.82	35.94	29.73%	99.06%
13,000	129.67	168.23	38.56	29.74%	99.18%
14,000	138.46	179.64	41.18	29.74%	99.30%
15,000	147.25	191.05	43.80	29.75%	99.47%
20,000	191.20	248.10	56.90	29.76%	99.72%
30,000	279.10	362.20	83.10	29.77%	99.86%
40,000	367.00	476.30	109.30	29.78%	99.91%
50,000	436.40	566.40	130.00	29.79%	99.95%
60,000	505.80	656.50	150.70	29.79%	99.96%
70,000	575.20	746.60	171.40	29.80%	99.98%
100,000	783.40	1,016.90	233.50	29.81%	99.99%
200,000	1,477.40	1,917.90	440.50	29.82%	100.00%

*Median Commercial Usage
**Average Commercial Usage
***Reflects cumulative percentage of actual Commercial bills by usage level.

CHARLES TOWN UTILITY BOARD
OPTION C - 1,500 GALLON MINIMUM
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES
COUNTY - MONTHLY
FOR ALL METER SIZES

CONSUMPTION GALLONS	BILLS UNDER 2021/2022 RATES	BILLS UNDER 2023/2024 RATES	INCREASE AMOUNT	INCREASE PERCENT	PERCENT OF BILLS**
(1)	(2)	(3)	(4)	(5)	(6)
0	$ 47.10	$ 20.10	$ (27.00)	-57.32%	1.60%
1,000	47.10	20.10	(27.00)	-57.32%	15.56%
2,000	47.10	26.80	(20.30)	-43.10%	35.93%
3,000	56.52	40.20	(16.32)	-28.87%	59.64%
3,600 *	67.82	48.24	(19.58)	-28.87%	71.49%
4,000	75.36	53.60	(21.76)	-28.87%	76.22%
5,000	94.20	67.00	(27.20)	-28.87%	85.02%
6,000	111.84	80.40	(31.44)	-28.11%	88.87%
7,000	129.48	93.80	(35.68)	-27.56%	93.24%
8,000	147.12	107.20	(39.92)	-27.13%	95.78%
9,000	164.76	120.60	(44.16)	-26.80%	96.95%
10,000	182.40	134.00	(48.40)	-26.54%	97.96%
11,000	200.04	145.41	(54.63)	-27.31%	98.76%
12,000	217.68	156.82	(60.86)	-27.96%	99.05%
13,000	235.32	168.23	(67.09)	-28.51%	99.35%
14,000	252.96	179.64	(73.32)	-28.98%	99.49%
15,000	270.60	191.05	(79.55)	-29.40%	99.64%
20,000	358.80	248.10	(110.70)	-30.85%	99.93%
30,000	535.20	362.20	(173.00)	-32.32%	99.99%
40,000	711.60	476.30	(235.30)	-33.07%	99.99%
50,000	888.00	566.40	(321.60)	-36.22%	99.99%
60,000	1,064.40	656.50	(407.90)	-38.32%	99.99%

*Average Residential Usage
**Reflects cumulative percentage of actual Residential bills by usage level.

CHARLES TOWN UTILITY BOARD
WATER OPERATIONS
OPTION D - RATE EQUALIZATION WITH 1,500 GALLON MONTHLY MINIMUM, ELIMINATE SECOND BLOCK
COMPARISON OF COST OF SERVICE WITH REVENUES UNDER PRESENT AND PROPOSED RATES
FOR THE TEST YEAR ENDED JUNE 30,2024

Customer Classification	Cost of Service Amount (Schedule B)	Cost of Service Percent	Revenues, Present Rates Amount	Revenues, Present Rates Percent	Revenues, Proposed Rates Amount	Revenues, Proposed Rates Percent	Proposed Increase Amount	Proposed Increase Percent Increase
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Residential	$ 3,078,519	67.0%	$ 2,663,438	67.4%	$ 3,087,856	67.3%	$ 424,419	15.9%
Commercial	$ 1,280,466	27.9%	1,131,033	28.6%	1,312,444	28.6%	181,411	16.0%
Race Track	$ 232,569	5.1%	159,423	4.0%	191,241	4.2%	31,818	20.0%
Total Sales	4,591,554	100.0%	3,953,893	100.0%	4,591,541	100.0%	637,648	16.1%
Other Revenues	143,000		143,000		143,000		-	0.0%
Total	$ 4,734,554		$ 4,096,893		$ 4,734,541		$ 637,648	15.6%

CHARLES TOWN UTILITY BOARD
OPTION D - RATE EQUALIZATION PROPOSED 1,500 GALLON MINIMUM, ELIMINATE SECOND USAGE BLOCK
COMPARISON OF PRESENT AND PROPOSED RATES

Charles Town and Race Track

	2022/2023 Rates	2023/2024 Rates	Proposed Minimum By Meter Size (gallons)
Minimum Charges - 2,500 gals. ==> 1,500 gals.			
5/8-inch and 5/8 x 3/4-inch	$ 25.83	$ 19.98	1,500
3/4-inch	38.74	29.97	2,250
1-inch	64.57	49.95	3,750
1 1/2-inch	129.14	103.36	7,760
2-inch	206.62	173.83	13,050
3-inch	387.42	343.26	25,770
4-inch	645.70	601.08	48,100
6-inch	1,291.40	1,071.65	103,920
Consumption Charges (per 1000 gallons)			
First 10,000 gallons	$ 10.330	$ 13.320	
Next 30,000 gallons	8.790	13.320	
Over 40,000 gallons	6.940	8.430	
PNGI Contract Rate (All Consumption)	$ 4.860	$ 5.830	

Jefferson County

Minimum Charges - 2,500 gals. ==> 1,000 gals.	$ 47.10	$ -	
5/8-inch and 5/8 x 3/4-inch		19.98	1,500
3/4-inch		29.97	2,250
1-inch		49.95	3,750
1 1/2-inch		103.36	7,760
2-inch		173.83	13,050
3-inch		343.26	25,770
4-inch		601.08	48,100
6-inch		1,071.65	103,920
Consumption Charges (per 1000 gallons)			
First 5,000 gallons	$ 18.840	$ -	
Over 5,000 gallons	17.640	-	
First 10,000 gallons		$ 13.320	
Next 30,000 gallons		13.320	
Over 40,000 gallons		8.430	
Bulk Water Rate		8.430	

Average Bills Charles Town and Ranson:	Average Bill, Present Rates	Average Bill, Proposed Rates	Dollar Increase/(Decrease)	Percentage Increase/(Decrease)
Residential at 3,300 gallons	$ 34.09	$ 43.96	$ 9.87	28.94%
Non-Residential at 5,600 gallons	57.85	74.59	16.74	28.94%
Race Course at 940,000 Monthly	4,568.40	5,480.20	911.80	19.96%
Jefferson County:				
Residential at 3,300 gallons	$ 62.17	$ 43.96	$ (18.22)	-29.30%
Non-Residential at 5,600 gallons	104.78	74.59	(30.19)	-28.81%

CHARLES TOWN UTILITY BOARD
OPTION D - 1,500 GALLON MINIMUM, ELIMINATE SECOND RATE BLOCK
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES
CITY AND RANSON - MONTHLY
FOR A RESIDENTIAL 5/8-INCH METER

CONSUMPTION GALLONS	BILLS UNDER 2021/2022 RATES	BILLS UNDER 2023/2024 RATES	INCREASE AMOUNT	INCREASE PERCENT	PERCENT OF BILLS**
(1)	(2)	(3)	(4)	(5)	(6)
0	$ 25.83	$ 19.98	$ (5.85)	-22.63%	1.41%
1,000	25.83	19.98	(5.85)	-22.63%	13.83%
2,000	25.83	26.64	0.82	3.16%	34.23%
2,700 *	27.89	35.96	8.07	28.94%	49.58%
3,000	30.99	39.96	8.97	28.94%	55.57%
3,300 **	34.09	43.96	9.87	28.94%	66.71%
4,000	41.32	53.28	11.96	28.94%	72.77%
5,000	51.65	66.60	14.95	28.94%	83.65%
6,000	61.98	79.92	17.94	28.94%	90.24%
7,000	72.31	93.24	20.93	28.94%	93.98%
8,000	82.64	106.56	23.92	28.94%	96.21%
9,000	92.97	119.88	26.91	28.94%	97.49%
10,000	103.30	133.20	29.90	28.94%	98.24%
11,000	112.09	146.52	34.43	30.72%	98.75%
12,000	120.88	159.84	38.96	32.23%	99.06%
13,000	129.67	173.16	43.49	33.54%	99.29%
14,000	138.46	186.48	48.02	34.68%	99.43%
15,000	147.25	199.80	52.55	35.69%	99.54%
20,000	191.20	266.40	75.20	39.33%	99.78%
30,000	279.10	399.60	120.50	43.17%	99.89%
40,000	367.00	532.80	165.80	45.18%	99.94%
50,000	436.40	617.10	180.70	41.41%	99.97%
60,000	505.80	701.40	195.60	38.67%	99.99%

*Median Residential Usage
**Average Residential Usage
***Reflects cumulative percentage of actual Residential bills by usage level.

CHARLES TOWN UTILITY BOARD
OPTION D - 1,500 GALLON MINIMUM, ELIMINATE SECOND RATE BLOCK
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES
CITY AND RANSON - MONTHLY
FOR A COMMERCIAL 5/8-INCH METER

CONSUMPTION GALLONS	BILLS UNDER 2021/2022 RATES	BILLS UNDER 2023/2024 RATES	INCREASE AMOUNT	INCREASE PERCENT	PERCENT OF BILLS***
(1)	(2)	(3)	(4)	(5)	(6)
0	$ 25.83	$ 19.98	$ (5.85)	-22.63%	3.60%
1,000	25.83	19.98	(5.85)	-22.63%	21.33%
1,909 *	25.83	25.43	(0.40)	-1.54%	50.20%
2,000	25.83	26.64	0.82	3.16%	53.75%
3,000	30.99	39.96	8.97	28.94%	78.96%
4,000	41.32	53.28	11.96	28.94%	86.17%
5,000	51.65	66.60	14.95	28.94%	95.09%
5,600 **	57.85	74.59	16.74	28.94%	96.11%
6,000	61.98	79.92	17.94	28.94%	96.51%
7,000	72.31	93.24	20.93	28.94%	97.52%
8,000	82.64	106.56	23.92	28.94%	98.00%
9,000	92.97	119.88	26.91	28.94%	98.44%
10,000	103.30	133.20	29.90	28.94%	98.69%
11,000	112.09	146.52	34.43	30.72%	98.91%
12,000	120.88	159.84	38.96	32.23%	99.06%
13,000	129.67	173.16	43.49	33.54%	99.18%
14,000	138.46	186.48	48.02	34.68%	99.30%
15,000	147.25	199.80	52.55	35.69%	99.47%
20,000	191.20	266.40	75.20	39.33%	99.72%
30,000	279.10	399.60	120.50	43.17%	99.86%
40,000	367.00	535.25	168.25	45.84%	99.91%
50,000	436.40	619.55	183.15	41.97%	99.95%
60,000	505.80	703.85	198.05	39.15%	99.96%
70,000	575.20	788.15	212.95	37.02%	99.98%
100,000	783.40	1,041.05	257.65	32.89%	99.99%
200,000	1,477.40	1,884.05	406.65	27.52%	100.00%

*Median Commercial Usage
**Average Commercial Usage
***Reflects cumulative percentage of actual Commercial bills by usage level.

CHARLES TOWN UTILITY BOARD
OPTION D - 1,500 GALLON MINIMUM, ELIMINATE SECOND RATE BLOCK
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES
COUNTY - MONTHLY
FOR ALL METER SIZES

CONSUMPTION GALLONS	BILLS UNDER 2021/2022 RATES	BILLS UNDER 2023/2024 RATES	INCREASE AMOUNT	INCREASE PERCENT	PERCENT OF BILLS**
(1)	(2)	(3)	(4)	(5)	(6)
0	$ 47.10	$ 19.98	$ (27.12)	-57.58%	1.60%
1,000	47.10	19.98	(27.12)	-57.58%	15.56%
2,000	47.10	26.64	(20.46)	-43.44%	35.93%
3,000	56.52	39.96	(16.56)	-29.30%	59.64%
3,600 *	67.82	47.95	(19.87)	-29.30%	71.49%
4,000	75.36	53.28	(22.08)	-29.30%	76.22%
5,000	94.20	66.60	(27.60)	-29.30%	85.02%
6,000	111.84	79.92	(31.92)	-28.54%	88.87%
7,000	129.48	93.24	(36.24)	-27.99%	93.24%
8,000	147.12	106.56	(40.56)	-27.57%	95.78%
9,000	164.76	119.88	(44.88)	-27.24%	96.95%
10,000	182.40	133.20	(49.20)	-26.97%	97.96%
11,000	200.04	146.52	(53.52)	-26.75%	98.76%
12,000	217.68	159.84	(57.84)	-26.57%	99.05%
13,000	235.32	173.16	(62.16)	-26.42%	99.35%
14,000	252.96	186.48	(66.48)	-26.28%	99.49%
15,000	270.60	199.80	(70.80)	-26.16%	99.64%
20,000	358.80	266.40	(92.40)	-25.75%	99.93%
30,000	535.20	399.60	(135.60)	-25.34%	99.99%
40,000	711.60	535.25	(176.36)	-24.78%	99.99%
50,000	888.00	619.55	(268.46)	-30.23%	99.99%
60,000	1,064.40	703.85	(360.56)	-33.87%	99.99%

*Average Residential Usage
**Reflects cumulative percentage of actual Residential bills by usage level.

EJCDC
ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE

Change Order No. 3

Date of Issuance:	(Date Last Signed Below)	Contract Effective Date:	September 8, 2022
Owner:	Charles Town Utility Board	Owner's Contract No.:	1
Contractor:	Alvarez Contractors, Inc.	Contractor's Project No.:	N/A
Engineer:	GD&F Engineers, Inc.	Engineer's Project No.:	20045
Project:	Charles Town WWTF Improvements	Contract Name:	N/A

The Contract is modified for the items shown in the attachment.

Attachments: Alvarez Contract Modification Proposal 3, Revised August 10, 2023

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES *[note changes in Milestones if applicable]*
Original Contract Price: $ 10,151,000.00	Original Contract Times: Substantial Completion: _____ Ready for Final Payment: _____ days or dates
[Increase] [~~Decrease~~] from previously approved Change Orders No. 1 to No. 2: $ 539,362.99	[Increase] [Decrease] from previously approved Change Orders No. ___ to No. ___: Substantial Completion: _____ Ready for Final Payment: _____ days
Contract Price prior to this Change Order: $10,690,362.99	Contract Times prior to this Change Order: Substantial Completion: _____ Ready for Final Payment: _____ days or dates
[Increase] [~~Decrease~~] of this Change Order: $90,351.00	[Increase] [Decrease] of this Change Order: Substantial Completion: _____ Ready for Final Payment: _____ days or dates
Contract Price incorporating this Change Order: $ 10,780,713.99	Contract Times with all approved Change Orders: Substantial Completion: _____ Ready for Final Payment: _____ days or dates

RECOMMENDED:	ACCEPTED:	ACCEPTED:
By: Christopher M. Echenrode	By: _____	By: _____
Engineer (if required)	Owner (Authorized Signature)	Contractor (Authorized Signature)
Title: Senior Project Engineer	Title: _____	Title: _____
Date: 8-17-2023	Date: _____	Date: _____

Approved by Funding Agency (if applicable)

By: _____ Date:

Title: _____

CHARLES TOWN, WV WWTP IMPROVEMENTS
CONTRACT MODIFICATION # 3
ALVAREZ CONTRACTORS, INC.
WORK CHANGE DIRECTIVES FOR CONTRACT MODIFICATION
DATE: JULY 17, 2023 REVISED AUGUST 10, 2023

WCD #	ITEM PER WCD OR RFI	QUAN.	UNIT	UNIT PRICE	TOTAL PRICE
1	Relocate Headworks & Blower Room Exhaust Fan Controls	1	LS	$ 4,069.00	$ 4,069.00
2	Install Inf. Pump Sta. 20" Discharge Line (Materials by CTUB)	1	LS	$ 5,272.00	$ 5,272.00
3	Upsize Centrifuge Drain Line Piping & Fittings.	1	LS	$ 5,664.00	$ 5,664.00
4	Add Centrifuge Building Future Utility Water Line	1	LS	$ 4,254.00	$ 4,254.00
5	Change Influent / Effluent Pump Breaker and Wire Sizes	1	LS	$ 1,810.00	$ 1,810.00
6	Add B&O Tax to Change Order # 1 - Centrifuge H-Pile Foundation	1	LS	$ 9,964.00	$ 9,964.00
7	Add B&O Tax to Change Order # 2 - Increase Size of FRP Bldg.	1	LS	$ 502.00	$ 502.00
RFI 20	Add B&O Tax to Change Order # 2 - Elect. Bldg. Equip. Relocation	1	LS	$ 322.00	$ 322.00
8	Additional Water Tap on Centrifuge Building	1	LS	$ 4,352.00	$ 4,352.00
9	Credit - Reuse the Existing 8-inch Plant Drain Line	1	LS	$ (17,487.00)	$ (17,487.00)
10	Changes to the Centrifuge Polymer Injection Points	1	LS	$ 5,494.00	$ 5,494.00
11	Provide Materials & Labor for New Transformer Pad Relocation	1	LS	$ 53,427.00	$ 53,427.00
RFI 27	Credit - Relocation of Generator	1	LS	$ (9,065.00)	$ (9,065.00)
WCD	Added Cost to CO #1 & #2 - Hammer Rental & Larger (8') FRP Door	1	LS	$ 5,161.00	$ 5,161.00
Diff. Site	Differing Site Conditions - Investigate & Relocate Elect. at Cent. Bldg.	1	LS	$ 11,726.00	$ 11,726.00
Request	Credit - Delete (2) Water Meters in Headworks and Centrifuge Bldg.'s	1	LS	$ (3,490.00)	$ (3,490.00)
Request	Credit - Saw Cut CJ's in Lieu of Forming in Electrical & Centrifuge Bldg.'s	1	LS	$ (1,802.00)	$ (1,802.00)
12	Provide & Install New Ground Water Pump Controls	1	LS	$ 10,178.00	$ 10,178.00
	TOTAL CONTRACT MODIFICATION NO. 3				**$ 90,351.00**

WORK CHANGE DIRECTIVE

PROJECT: Charles Town WWTP Improvements Project

WORK CHANGE DIRECTIVE: No. 12

TO: Alvarez Contractors, Inc

INITIATION DATE: August 4, 2023

OWNER: Charles Town Utility Board
661 South George St.
#101 Charles Town, WV
25414

CONTRACT NO: 1

CONTRACT DATE: March 1, 2022

You are directed to make the following changes in this Contract:

Work Item: Ground Water Sump Pump

Sub-contractor(s) Involved: S&S Electric
Reference: Sheet 801

Change to be Made: Provide one (1) – Franklin Electric Pump Tech Plus (Model 5800060100 – 60 Hz) controller to replace the existing pump controller located on the SBR basin. Provide a new 240V circuit (wire and conduit) from Panel L1 to refeed the controller. Provide one (1) – 30A, NEMA 4x disconnect and an elapsed time meter mounted beside the pump controller. The bottom of the pump controller, disconnect and meter shall be mounted a minimum of 18" above the SBR wall using Unistrut in order to meeting NFPA requirements for equipment around classified areas. Provide seal off fittings at the transition between the classified and non-classified area. All settings for the replacement controller to match the existing one.

Engineer: Matt P. Ritchey Date: 8/3/2023

Matt Ritchey, PE
Senior Electrical Engineer

cc: Dave Gustkey, GD&F
CTUB
File

DESCRIPTION

CHARLES TOWN WWTP UPGRADE
CONTRACT MODIFICATION PROPOSAL - WCD # 12 - SUMP PUMP CONTROL AT SBR TANKS
ALVAREZ CONTRACTORS, INC.
DATE: AUGUST 14, 2023

Material	Quant.	Unit	Unit Price		Total Price
					$ -
Materials by S&S Electric					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -
				Materials Total	$ -

Labor	# Workers	Hours/Man	Rate		Total Price
					$ -
ACI Project Supt.	1	26	$ 65.26		$ 1,696.76
On Site Engineer	1	0	$ 46.72		$ -
CL I Operator	1	0	$ 66.25		$ -
CL II Operator	1	0	$ 43.56		$ -
CL II Laborer	1	0	$ 39.60		$ -
					$ -
				Labor Total	$ 1,696.76

Equipment	# Machines	Hours/Mch.	Rate		Total Price
					$ -
Komatsu Track Hoe	1	0	$ 75.00		$ -
Komatsu Loader	1	0	$ 55.00		$ -
Compactor	1	0	$ 10.00		$ -
Small Tools, Crew Truck	1	0	$ 15.00		$ -
					$ -
					$ -
				Equipment Total	$ -

Subcontracts					Total Price
					$ -
S&S Electric	1	1	$ 7,368.51		$ 7,368.51
					$ -
					$ -
					$ -
				Subcontract Total	$ 7,368.51

Total Material		$	-
Total Labor		$	1,696.76
Total Equipment		$	-
Sales Tax	0%	$	-
Total GC Materials, Labor & Equipment		$	1,696.76
GC Overhead & Profit	15%	$	254.51
Total Subcontract		$	7,368.51
Subcontract Markup	5%	$	368.43
Subtotal		$	9,688.21
Bond & Insurance	3%	$	290.65
Subtotal		$	9,978.86
Tentative B&O Tax	2%	$	199.58
TOTAL		**$**	**10,178.43**

S & S ELECTRIC, INC.
ELECTRICAL CONSTRUCTION

August 11, 2023

Mr. Gary Walker
Alvarez Contractors, Inc.

Subject: Charlestown WWTP – WCD #12, Ground Water Sump Pump

Dear Gary,

Per discussions, I am submitting costs for the following:

- Provide 240V power to pump and control panel, including new disconnect switch.
- Provide new pump controller.
- Provide all necessary conduit, boxes, wire, terminations, grounding, etc.

My price to you is broken down as follows:

• Material	$2,900.00
• Labor (52 hrs @ $67.45/hour)	$3,507.40
• Markup	$961.11
○ Total Credit	***$7,368.51***

I hope this proposal meets with your approval.

Sincerely,

Chip Strietbeck

Chip Strietbeck
President
chip@ssewv.com

File: 3692-CO#07

S&S

PRICING SHEET

JOB Charlestown WWTP Improvements

WORK WCD #12

ESTIMATE NO. 3692

Sheet No. _____ Of Sheets _____

ESTIMATED BY	PRICED BY	EXTENDED BY	CHECKED BY	DATE

	✓	MATERIAL	QUANTITY	MATERIAL PRICE	PER	MATERIAL EXTENSION	LABOR UNIT	PER	LABOR EXTENSION
1		250V, 3P, 30A							
2		Nema 4X NF	1			2670			3.0
3		Disconnect							
4									
5		3/4" Al.	100'				8	C	8.0
6		3/4" Hub	8				.1	ea	.8
7		3/4" EYS	1				.3		.3
8		3/4" Strap	20				.1		2.0
9									
10		1 5/8" Stainless Strut	20'						
11							4.0		4.0
12		Stainless Steel	Lot			20			
13		Hardware							
14									
15		3/4" PVC	50'				1	C	.5
16		3/4" Adapter	2				.1	ea	.2
17		3/4" 90°	2				.1		.2
18									
19		3/4" RL "LB"	2				.1	ea	.2
20									
21		#10 THHN	1000'				8	M	8.0
22		Twns.	18			2	.105	ea	.9
23									
24		8"x8" Stainless Box	1				2	ea	2.0
25									
26		Control Panel	1			240	3.0		3.0
27									
28		Install Pgs Cables	Lot				4.0		4.0
29									
30		Owner ex. Electric	Lot				8.0		8.0
31									
32		Startup	Lot						4.0
33		Misc				48			2.9

S & S ELECTRIC, INC. MAT. ➤ 2908 LABOR ➤ 52.0

Capital Electric
A Sonepar Company

CAPITAL ELECTRIC
86 WINEOW STREET
CUMBERLAND,MD 21502-3535
800-641-6869 ***Fax*** **301-777-0259**

bo.bryant@capitalelectricsupply.com

Quotation

QUOTE DATE	QUOTE NUMBER
08/11/23	S052696165
PAGE NO.	
1 of 1	

QUOTE TO:
S & S ELECTRIC, INC.
2252 FRANKFORT HWY
RIDGELEY, WV 26753-7025
304-738-9406

SHIP TO:
S & S ELECTRIC, INC.
2252 FRANKFORT HWY
RIDGELEY, WV 26753-7025
304-738-9406

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	JOB NAME	QUOTED TO
114934	WWTP WCD #12		CHIP

SALESPERSON	SHIP VIA	FREIGHT ALLOWED	EXPIRATION DATE
BO BRYANT	CU50 AL,GA,PR,MO	No	11:59pm ET 08/26/23

ORDER QTY	UPC	DESCRIPTION	UNIT PRICE	U	EXT PRICE
1ea	078590102363	SQD HU361DS SWITCH NONFUSIBLE HD 30A 3P	1105.430	e	1105.43
100ft	98003001102	ALP 034A 3/4IN ALUM RIGID CONDUIT	173.810	c	173.81
8ea	78473110016	MYERS STA2 3/4 ALUM INS HUB	924.510	c	73.96
1ea	78227437860	CRS EYS21 3/4 FEM COND SEAL	25.970	e	25.97
20ea	78101102590	B-LINE B2009PASS4 3/4 PIPE CLMP	335.560	c	67.11
50ft	98006006002	PVC 034P 3/4IN SCH40 PVC PIPE	71.010	c	35.51
2ea	98006006242	PVCFIT 034P FA 3/4 PVC COND FEMALE ADAPTER	33.130	c	0.66
2ea	98002000162	GEL 034G90 3/4 90D GAL ELB 3/4 90DEG GALV ELBOW	8.810	e	17.62
1000ft	98010023000	WIC THHN 10 STR BLK 500R	215.740	m	215.74
1ea	78351056280	HOFF A1008CHNFSS NEMA4X SS JIC BOX	353.540	e	353.54

TERMS & CONDITIONS **TAXES NOT INCLUDED**

OUR PRODUCTS AND SERVICES ARE SUBJECT TO, AND GOVERNED EXCLUSIVELY BY, OUR TERMS AND CONDITIONS OF SALE, WHICH ARE INCORPORATED HEREIN AND AVAILABLE AT www.capitalelectricsupply.com/terms. ADDITIONAL OR CONFLICTING TERMS ARE REJECTED, VOID, AND OF NO FORCE OR EFFECT. WIRE & PIPE PRICES ARE ONLY GOOD FOR THE CURRENT DAY.

Subtotal	**2069.35**
S&H CHGS	**0.00**
Amount Due	**2069.35**

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$1,579.95
Sponsored

FRANKLIN ELECTRIC Pumptec-Plus water pump protection system 5800060100 1/2 HP to 5 HP 230 Volts Single Phase

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3.9 20 ratings

$759.98

Thank you for being a Prime Member. Pay ~~$759.98~~ **$634.98** for this order. Get a **$125 Amazon Gift Card** upon approval for the **Amazon Business Prime Card** with an eligible Prime membership. Terms apply.



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Purchase options and add-ons

Payment plans
$42.49/mo (24 mo) at example APR of 30% (rates from 10-30% APR)

Brand	Franklin Sports
Color	Black
Material	Aluminum
Style	Above Ground
Item Dimensions LxWxH	5.91 x 5.91 x 5.91 inches

See more

About this item

- Franklin Electric PUMPTEC PLUS Pump Protection Unit
- MODEL # 5800060100
- 12 HP to 5 HP
- 230 Volt Single phase
- Designed to shut your well pump off when it senses low water

› See more product details

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Details

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In Stock

Qty: 1

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Sold by	DARCMEX
Returns	Eligible for Return, Refund or Replacement within 30 days of receipt

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- ☐ 3-Year Protection for $78.99

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Other Sellers on Amazon

$762.00 Add to Cart
& **FREE Shipping**
Sold by: Vertikal Supply

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PumpSpy 2000W Primary Safe Back Up System, Emergency and Power Outage
☆☆☆☆☆ 210
$589.00 prime

Sponsored

Date: August 23, 2023

Charles Town Utility Board
2022 Renewal and Replacement Project
Schedule B - DRAFT (for approval of Change Order #3)

A. COST OF PROJECT	APPROVED CONSTRUCTION BUDGET	Paid by CTUB from Operating Account	Paid by CTUB from Operating Account 6/1/2022-11/7/2022	Paid by CTUB from Operating Account 11/8/2022-12/8/2022	Paid by CTUB from Operating Account 12/9/2022-1/18/2023	Paid by CTUB from Operating Account 1/19/2023-3/8/2023	Paid by CTUB from Operating Account 3/9/2023-4/12/2023	Paid by CTUB from Operating Account 4/13/2023-5/10/2023	Paid by CTUB from Operating Account 5/11/2023-6/28/2023	Paid by CTUB from Operating Account 6/29/2023-8/9/2023	Resolution No. 1 Contractor's Application for Payment No. 1	Resolution No. 2 Contractor's Application for Payment No. 2	Resolution No. 3 Contractor's Application for Payment No. 3	Resolution No. 4 Contractor's Application for Payment No. 4	Resolution No. 5 Contractor's Application for Payment No. 5	Resolution No. 6 Contractor's Application for Payment No. 6	Resolution No. 7 Contractor's Application for Payment No. 7	Resolution No. 8 Contractor's Application for Payment No. 8	Resolution No. 9 Contractor's Application for Payment No. 9	Resolution No. 10 Contractor's Application for Payment No. 10	BALANCE REMAINING
1 CONSTRUCTION																					
a. Contract	$ 10,151,000.00										$ 258,858.00	$ 188,174.70	$ 134,861.40	$ 91,314.99	$ 92,171.91	$ 498,898.59	$ 728,140.27	$ 673,483.46	$ 432,539.77	$ 883,714.54	$ 6,168,842.37
b. Construction Contingency 5% - (See note #2 & #5 below)	$ 376,019.43																				$ 376,019.43
c. Change Order #1 (See note #1 below)	$ 498,183.42																$ 298,910.00	$ 199,273.42			$ -
d. Change Order #2	$ 41,179.57																$ 41,179.57				$ -
e. Change Order #3	$ 90,351.00																				$ 90,351.00
2 ENGINEERING SERVICES																					
GDF Engineering fees (including CA and RPR)	$ 760,000.00	$ 410,782.47	$ 32,115.37	$ 8,829.82	$ 50,270.24	$ 8,627.43	$ 5,867.80	$ 51,001.73	$ 22,948.87	$ 24,052.83											$ 145,503.44
Additional RPR inspection (not yet Board approved)	$ 125,000.00																				$ 125,000.00
Initial GDF R&R Report	$ 40,082.50	$ 40,082.50																			$ -
3 LEGAL SERVICES																					
a. Local Project Attorney	$ 20,000.00	$ 544.00	$ 2,312.00																		$ 17,144.00
4 ADMINISTRATIVE SERVICES																					
a. Project Accountant (CPA)	$ 20,000.00	$ 2,937.50	$ 7,400.00																		$ 9,662.50
b. Other Administrative Costs	$ 10,000.00	$ 1,190.00	$ 4,196.01																		$ 4,613.99
5 Total Project Costs Lines 1-6	**$ 12,131,815.92**	**$ 455,536.47**	**$ 46,023.38**	**$ 8,829.82**	**$ 50,270.24**	**$ 8,627.43**	**$ 5,867.80**	**$ 51,001.73**	**$ 22,948.87**	**$ 24,052.83**	**$ 258,858.00**	**$ 188,174.70**	**$ 134,861.40**	**$ 91,314.99**	**$ 92,171.91**	**$ 498,898.59**	**$ 1,068,229.84**	**$ 872,756.88**	**$ 432,539.77**	**$ 883,714.54**	**$ 6,937,136.73**
B. SOURCES OF FUNDS	**APPROVED PROJECT FUNDING**																				
1 PROJECT FUNDS																					
Internal Funds & EEG Grant																					
a. Capacity Improvement Fees	$ 1,170,163.00																				$ 1,170,163.00
b. Renewal & Replacement (See note #3 & #4 below)	$ 500,000.00																$ (298,910.00)	$ (199,273.42)			$ 1,816.58
c. Operating Cash	$ 1,515,122.92	$ (455,536.47)	$ (46,023.38)	$ (8,829.82)	$ (50,270.24)	$ (8,627.43)	$ (5,867.80)	$ (51,001.73)	$ (22,948.87)	$ (24,052.83)											$ 841,964.35
d. EEG Grant Funds	$ 1,966,030.00																				$ 1,966,030.00
Total Internal Funds & EEG Grant Funds	**$ 5,151,315.92**																				**$ 3,979,973.93**
Bond Proceeds																					
e. 2022B & 2022C Construction Fund Account	**$ 6,980,500.00**										$ (258,858.00)	$ (188,174.70)	$ (134,861.40)	$ (91,314.99)	$ (92,171.91)	$ (498,898.59)	$ (769,319.84)	$ (673,483.46)	$ (432,539.77)	$ (883,714.54)	**$ 2,957,162.80**
Total Funds Available	**$ 12,131,815.92**	**$ (455,536.47)**	**$ (46,023.38)**	**$ (8,829.82)**	**$ (50,270.24)**	**$ (8,627.43)**	**$ (5,867.80)**	**$ (51,001.73)**	**$ (22,948.87)**	**$ (24,052.83)**	**$ (258,858.00)**	**$ (188,174.70)**	**$ (134,861.40)**	**$ (91,314.99)**	**$ (92,171.91)**	**$ (498,898.59)**	**$ (1,068,229.84)**	**$ (872,756.88)**	**$ (432,539.77)**	**$ (883,714.54)**	**$ 6,937,136.73**

Note #1 - March 1, 2023 this line item was increased to include the full amount of Change Order #1. Internal funds that were previously allocated for the Collection System project will be dedicated to this Change Order. This will require an increase of the requested funds from CWSRF for the Collection System Project.
Note #2 - March 8, 2023 this line item was decreased by $41,179.57 to include the full amount of Change Order #2.
Note #3 - Pay App #7 in the amount of $1,068,229.84 includes $298,910 from Change Order #1. $769,319.84 will be paid from the 2022B and $298,910 will be paid from the Renewal & Replacement Account.
Note #4 - Pay App #8 in the amount of $872,756.88 includes the remaining balance of $199,273.42 from Change Order #1. $673,483.46 will be paid from the 2022B and $199,273.42 will be paid from the Renewal & Replacement Account.
Note #5 - August 23, 2023 this line item was decreased by $90,351 to include the full amount of Change Order #3.

CHARLES TOWN UTILITY BOARD
2022 RENEWAL AND REPLACEMENT PROJECT

RESOLUTION NO. 11

RESOLUTION OF THE CITY OF CHARLES TOWN UTILITY BOARD APPROVING INVOICES RELATING TO THE CONSTRUCTION AND OTHER SERVICES FOR THE 2022 CHARLES TOWN WASTEWATER TREATMENT PLANT IMPROVEMENTS PROJECT AND AUTHORIZING PAYMENT THEREOF,

WHEREAS, the City of Charles Town Utility Board (CTUB) has reviewed the invoices attached hereto and incorporated herein by reference relation to the project:

a) That none of the items for which payment is proposed to be made has formed the basis for any disbursement theretofore made.

b) That each item for which the payment is proposed to be paid is or was necessary in connection with the Project and constitutes a cost of the project.

c) That each of such costs has been otherwise properly incurred.

d) That the payment for each of the items proposed is due and owing.

NOW, THEREFORE, BE IT RESOLVED the City of Charles Town Utility Board that the payment of the attached Contractor's Application for Payment No. 11 as summarized below, is hereby authorized and directed.

Vendor	**Renewal and Replacement Project at the Charles Town Wastewater Treatment Facility**
Alvarez Contractors, Inc.	$299,834.06
Total	**$299,834.06**

ADOPTED BY the City of Charles Town Utility Board, at the meeting held on the 13th day of September 2023.

By: _____
John Nissel, Chairman

EJCDC
ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE

Contractor's Application for Payment No. 11

To (Owner): CHARLES TOWN UTILITY BOARD	Application Period: 8/01/23-8/31/23	Application Date: 8/31/2023
Project: CHARLES TOWN WASTEWATER TREATMENT PLANT IMPROVEMENTS PROJECT	From (Contractor): ALVAREZ CONTRACTORS, INC.	Via (Engineer): GWIN, DOBSON & FOREMAN INC.
Owner's Contract No.:	Contract: CONTRACT #1	
	Contractor's Project No.:	Engineer's Project No.:

Application For Payment

Change Order Summary

Approved Change Orders

Number	Additions	Deductions
CO 1	$498,183.42	
CO 2	$41,179.57	
TOTALS	$539,362.99	
NET CHANGE BY CHANGE ORDERS	**$539,362.99**	

1. ORIGINAL CONTRACT PRICE	$	$10,151,000.00
2. Net change by Change Orders	$	$539,362.99
3. Current Contract Price (Line 1 ± 2)	$	$10,690,362.99
4. TOTAL COMPLETED AND STORED TO DATE (Column F total on Progress Estimates)	$	$5,075,110.19
5. RETAINAGE:		
a. 5% X $3,920,224.99 Work Completed	$	$196,011.25
b. 5% X $1,154,885.20 Stored Material	$	$57,744.26
c. Total Retainage (Line 5.a + Line 5.b)	$	$253,755.51
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c)	$	$4,821,354.68
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)	$	$4,521,520.62
8. AMOUNT DUE THIS APPLICATION	$	$299,834.06
9. BALANCE TO FINISH, PLUS RETAINAGE (Column G total on Progress Estimates + Line 5.c above)	$	$5,869,008.31

Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:
(1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;
(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and
(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor Signature

By:	Date: 8/31/2023

Payment of: $ $299,834.06
(Line 8 or other - attach explanation of the other amount)

is recommended by: _____ 8/24/2023
(Engineer) (Date)

Payment of: $ $299,834.06
(Line 8 or other - attach explanation of the other amount)

is approved by: _____ _____
(Owner) (Date)

Approved by: _____ _____
Funding or Financing Entity (if applicable) (Date)

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Progress Estimate - Lump Sum Work

Contractor's Application

For (Contract):	CHARLES TOWN WASTEWATER TREATMENT PLANT IMPROVEMENTS PROJECT	Application Number:	11
Application Period:	8/01/23-8/31/23	Application Date:	8/31/2023

			Work Completed		E	F		G
A		B	C	D				
Schedule of Values Item No.	Description	Scheduled Value ($)	From Previous Application (C+D)	This Period	Materials Presently Stored (not in C or D)	Total Completed and Stored to Date (C + D + E)	% (F / B)	Balance to Finish (B - F)
1	D1 - Moblization/Demob.	$20,000.00	$20,000.00	$0.00	$0.00	$20,000.00	100.0%	$0.00
2	D1 - Bonds/Insurance	$178,000.00	$178,000.00	$0.00	$0.00	$178,000.00	100.0%	$0.00
3	D1 - Video Taping	$4,500.00	$4,500.00	$0.00	$0.00	$4,500.00	100.0%	$0.00
4	D1 - Field Office	$18,000.00	$10,260.00	$540.00	$0.00	$10,800.00	60.0%	$7,200.00
5	D1 - QC Testing (Cash Allowance)	$50,000.00	$17,000.00	$0.00	$0.00	$17,000.00	34.0%	$33,000.00
6	D1 - Submittals/Shop Drawings by ACI	$40,000.00	$36,000.00	$0.00	$0.00	$36,000.00	90.0%	$4,000.00
	DIVISION 2 - SITE WORK							
7	D2 - Sediment & Erosion Control	$20,200.00	$16,968.00	$0.00	$0.00	$16,968.00	84.0%	$3,232.00
	SITE DEMOLITION							
8	D2 - Concrete Pads	$4,100.00	$205.00	$0.00	$0.00	$205.00	5.0%	$3,895.00
9	D2 - Remove all Ex. Underground Lines at Centrifuge Bldg. Site	$32,900.00	$29,610.00	$0.00	$0.00	$29,610.00	90.0%	$3,290.00
10	D2 - Remove all Ex. Underground Lines at Electrical Bldg. Site	$12,400.00	$12,400.00	$0.00	$0.00	$12,400.00	100.0%	$0.00
11	D2 - Remove Portions of Underground Lines at Ex. Press Bldg.	$4,200.00				$0.00		$4,200.00
	STRUCTURES & BUILDING DEMOLITION							
12	D2 - Headworks Building	$40,200.00	$36,180.00	$4,020.00	$0.00	$40,200.00	100.0%	$0.00
13	D2 - Influent Pump Station & Bypass Pump Set Up	$97,500.00	$92,625.00	$0.00	$0.00	$92,625.00	95.0%	$4,875.00
14	D2 - UV Equipment	$18,300.00				$0.00		$18,300.00
15	D2 - Plant Drain Pump Station	$14,800.00				$0.00		$14,800.00
16	D2 - Electrical Building by ACI	$7,900.00				$0.00		$7,900.00
17	D2 - Sludge Day Tank & Pump Building	$97,800.00	$97,800.00	$0.00	$0.00	$97,800.00	100.0%	$0.00
18	D2 - Digester Blower Building	$32,500.00	$30,875.00	$0.00	$0.00	$30,875.00	95.0%	$1,625.00
19	D2 - Sludge Transfer Pump Building	$3,200.00				$0.00		$3,200.00
20	D2 - Digester Tank	$8,200.00	$8,200.00	$0.00	$0.00	$8,200.00	100.0%	$0.00
21	D2 - SBR	$1,600.00				$0.00		$1,600.00
	EXCAVATION (MAJOR STRUCTURES)							
22	D2 - Centrifuge Building	$38,900.00	$38,900.00	$0.00	$0.00	$38,900.00	100.0%	$0.00
23	D2 - Electrical Building by ACI	$7,800.00	$7,800.00	$0.00	$0.00	$7,800.00	100.0%	$0.00
24	D2 - Blower Pad	$5,100.00	$5,100.00	$0.00	$0.00	$5,100.00	100.0%	$0.00
25	D2 - Generator Pad	$5,200.00	$2,600.00	$2,600.00	$0.00	$5,200.00	100.0%	$0.00
	BACKFILL (MAJOR STRUCTURES)							
26	D2 - Centrifuge Building	$42,300.00	$31,725.00	$2,115.00	$0.00	$33,840.00	80.0%	$8,460.00
	STRUCTURAL STONE							
27	D2 - Centrifuge Building	$13,400.00	$5,360.00	$8,040.00	$0.00	$13,400.00	100.0%	$0.00
28	D2 - Electrical Building	$5,600.00	$5,600.00	$0.00	$0.00	$5,600.00	100.0%	$0.00
29	D2 - FRP Building	$2,000.00	$2,000.00	$0.00	$0.00	$2,000.00	100.0%	$0.00
30	D2 - Generator Pad	$1,500.00	$0.00	$1,500.00	$0.00	$1,500.00	100.0%	$0.00
31	D2 - Blower Pad	$1,500.00	$1,500.00	$0.00	$0.00	$1,500.00	100.0%	$0.00
	YARD PIPING							

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Progress Estimate - Lump Sum Work

Contractor's Application

For (Contract):	CHARLES TOWN WASTEWATER TREATMENT PLANT IMPROVEMENTS PROJECT	Application Number:	11
Application Period:	8/01/23-8/31/23	Application Date:	8/31/2023

			Work Completed		E	F		G
A		B	C	D				
Schedule of Values Item No.	Description	Scheduled Value ($)	From Previous Application (C+D)	This Period	Materials Presently Stored (not in C or D)	Total Completed and Stored to Date (C + D + E)	% (F / B)	Balance to Finish (B - F)
32	D2 - 2" Sch 80 PVC Water Service to Headworks Bldg.	$9,900.00	$9,405.00	$0.00	$0.00	$9,405.00	95.0%	$495.00
33	D2 - 2" Sch 80 PVC Water Service to Centrifuge Bldg.	$25,100.00	$1,255.00	$18,825.00	$0.00	$20,080.00	80.0%	$5,020.00
34	D2 - 4" DIP WAS Line from Centrifuge Bldg. to Sanitary Sewer	$16,600.00	$16,600.00	$0.00	$0.00	$16,600.00	100.0%	$0.00
35	D2 - 4" DIP WAS Inlet to Centrifuge Bldg.	$17,400.00				$0.00		$17,400.00
36	D2 - 4" DIP Sludge Drain Off Line from Digester	$16,800.00	$5,880.00	$10,920.00	$0.00	$16,800.00	100.0%	$0.00
37	D2 - 4" DIP WAS Line from Centrifuge Bldg. to Digester	$16,700.00	$0.00	$0.00	$2,000.00	$2,000.00	12.0%	$14,700.00
38	D2 - 6" PVC Drain from Centrifuge Bldg. to Manhole	$16,500.00	$13,200.00	$3,300.00	$0.00	$16,500.00	100.0%	$0.00
39	D2 - 4" PVC Drain from Centrifuge Bldg. to Manhole	$15,200.00	$12,160.00	$3,040.00	$0.00	$15,200.00	100.0%	$0.00
40	D2 - 6" DIP Existing System Connection to New T-Valve	$16,700.00	$0.00	$16,700.00	$0.00	$16,700.00	100.0%	$0.00
41	D2 - 8" PVC Drain Line Under Centrifuge Bldg.	$13,500.00				$0.00		$13,500.00
42	D2 - 24" & 12" HDPE Storm Drain at Centrifuge Bldg.	$58,000.00	$29,000.00	$0.00	$5,737.52	$34,737.52	59.9%	$23,262.48
43	D2 - 18" HDPE Storm Drain at Electrical Bldg.	$39,000.00	$33,150.00	$0.00	$0.00	$33,150.00	85.0%	$5,850.00
44	D2 - 10" Stainless Steel Air Line to Digester	$10,900.00	$9,810.00	$1,090.00	$0.00	$10,900.00	100.0%	$0.00
	YARD STRUCTURES							
45	D2 - 4' Dia. Precast Drain Line Manhole	$3,400.00				$0.00		$3,400.00
46	D2 - Type G Precast Drop Inlet	$9,200.00				$0.00		$9,200.00
	FINAL RECLAMATION							
47	D2 - Asphalt Paving	$98,800.00				$0.00		$98,800.00
48	D2 - Final Grading, Seed & Mulch	$5,700.00	$0.00	$570.00	$0.00	$570.00	10.0%	$5,130.00
	DIVISION 3 - CONCRETE							
	SITE CONCRETE							
49	D3 - Generator Pad	$10,100.00	$0.00	$5,050.00	$0.00	$5,050.00	50.0%	$5,050.00
50	D3 - FRP Shelter Pad	$9,400.00	$9,400.00	$0.00	$0.00	$9,400.00	100.0%	$0.00
51	D3 - Digester Blower Pad	$28,200.00	$23,970.00	$0.00	$0.00	$23,970.00	85.0%	$4,230.00
52	D3 - Digester Equipment Pads	$24,900.00				$0.00		$24,900.00
53	D3 - Sidewalks at Blower Bldg. Area	$10,700.00				$0.00		$10,700.00
54	D3 - Sidewalks at Covered Sludge Storage Area	$11,400.00				$0.00		$11,400.00
	ELECTRICAL BLDG.							
55	D3 - Grade Beams	$38,300.00	$38,300.00	$0.00	$0.00	$38,300.00	100.0%	$0.00
56	D3 - Concrete Pads/SOG	$18,100.00	$18,100.00	$0.00	$0.00	$18,100.00	100.0%	$0.00
57	D3 - Door Stoops/Pads	$12,000.00				$0.00		$12,000.00
58	D3 - Exterior SOG/Sidewalks	$15,400.00				$0.00		$15,400.00
59	D3 - Misc. Equipment Pads	$3,000.00	$3,000.00	$0.00	$0.00	$3,000.00	100.0%	$0.00
	COVERED SLUDGE STORAGE AREA & CENTRIFUGE BLDG.							
60	D3 - Footings, Grade Beams & Walls	$162,000.00	$162,000.00	$0.00	$0.00	$162,000.00	100.0%	$0.00
61	D3 - Thickened SOG at Trench Drains	$22,200.00	$0.00	$11,100.00	$0.00	$11,100.00	50.0%	$11,100.00
62	D3 - 6" SOG at 2 - Areas	$49,700.00	$0.00	$9,940.00	$0.00	$9,940.00	20.0%	$39,760.00
63	D3 - Equipment Pads, Containment Curbs & Walls	$15,400.00				$0.00		$15,400.00

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Progress Estimate - Lump Sum Work

Contractor's Application

For (Contract):	CHARLES TOWN WASTEWATER TREATMENT PLANT IMPROVEMENTS PROJECT	Application Number:	11
Application Period:	8/01/23-8/31/23	Application Date:	8/31/2023

			Work Completed		E	F		G
A		B	C	D				
Schedule of Values Item No.	Description	Scheduled Value ($)	From Previous Application (C+D)	This Period	Materials Presently Stored (not in C or D)	Total Completed and Stored to Date (C + D + E)	% (F / B)	Balance to Finish (B - F)
64	D3 - Door/Stoop	$8,100.00				$0.00		$8,100.00
	DIGESTER BLDG. & TANK							
65	D3 - Equipment Pads	$4,400.00				$0.00		$4,400.00
	DIVISION 4 - MASONRY							
	CENTRIFUGE BUILDING							
66	D4 - 12" Standard CMU's	$53,000.00				$0.00		$53,000.00
	DIVISION 5 - MISC. METALS							
	SITE							
67	D5 - Permanent Bollards	$7,200.00				$0.00		$7,200.00
68	D5 - Removable Bollards	$12,300.00	$3,075.00	$0.00	$0.00	$3,075.00	25.0%	$9,225.00
	ELECTRICAL BLDG.							
69	D5 - Partition Walls	$69,200.00	$69,200.00	$0.00	$0.00	$69,200.00	100.0%	$0.00
70	D5 - Roof/Ceiling Framing	$35,000.00	$35,000.00	$0.00	$0.00	$35,000.00	100.0%	$0.00
	CENTRIFUGE BUILDING							
71	D5 - W8 x 28 Steel Lintel	$1,800.00	$0.00	$0.00	$1,000.00	$1,000.00	55.6%	$800.00
72	D5 - Monorail Framing	$11,100.00	$0.00	$0.00	$7,690.00	$7,690.00	69.3%	$3,410.00
73	D5 - Covered Storage Framing	$12,900.00	$0.00	$0.00	$8,850.00	$8,850.00	68.6%	$4,050.00
74	D5 - Steel Erection	$25,500.00	$0.00	$0.00	$17,910.00	$17,910.00	70.2%	$7,590.00
75	D5 - Stainless Steel Polymer Fill Station	$4,600.00	$0.00	$0.00	$3,000.00	$3,000.00	65.2%	$1,600.00
	DIVISION 6 - WOOD AND PLASTICS							
	CENTRIFUGE BUILDING							
76	D6 - Wood Trusses & Sheathing	$69,500.00				$0.00		$69,500.00
77	D6 - Wood Framing & Interior Finishes	$53,700.00				$0.00		$53,700.00
78	D6 - FRP Grating & Ladders	$11,700.00				$0.00		$11,700.00
	ELECTRICAL SHELTER							
79	D6 - FRP Shelter Building	$48,600.00	$0.00	$48,600.00	$0.00	$48,600.00	100.0%	$0.00
	DIVISION 7 - THERMAL & MOISTURE PROTECTION							
	ELECTRICAL BLDG.							
80	D7 - SSR Roofing & Soffit	$105,900.00				$0.00		$105,900.00
	CENTRIFUGE BUILDING							
81	D7 - SSR Roofing & Soffit	$107,200.00				$0.00		$107,200.00
82	D7 - Corefill Insulation	$2,900.00				$0.00		$2,900.00
83	D7 - EIFS Outsulation	$39,300.00				$0.00		$39,300.00
	DIVISION 8 - DOORS & WINDOWS							
	ELECTRICAL BLDG.							
84	D8 - Hollow Metal Doors, Frames & Hardware	$25,500.00				$0.00		$25,500.00
	CENTRIFUGE BUILDING							
85	D8 - FRP Door & Window	$16,800.00				$0.00		$16,800.00

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Progress Estimate - Lump Sum Work

Contractor's Application

For (Contract):	CHARLES TOWN WASTEWATER TREATMENT PLANT IMPROVEMENTS PROJECT	Application Number:	11
Application Period:	8/01/23-8/31/23	Application Date:	8/31/2023

			Work Completed		E	F		G
A		B	C	D				
Schedule of Values Item No.	Description	Scheduled Value ($)	From Previous Application (C+D)	This Period	Materials Presently Stored (not in C or D)	Total Completed and Stored to Date (C + D + E)	% (F / B)	Balance to Finish (B - F)
86	D8 - Overhead Door (10'x12')	$16,200.00				$0.00		$16,200.00
87	D8 - Fixed Window	$3,800.00				$0.00		$3,800.00
	DIVISION 9 - FINISHES							
	ELECTRICAL BLDG.							
88	D9 - ACT Ceiling	$38,900.00	$3,890.00	$0.00	$0.00	$3,890.00	10.0%	$35,010.00
89	D9 - Paint Walls, Floors & Doors	$11,000.00				$0.00		$11,000.00
	CENTRIFUGE BUILDING							
90	D9 - Paint Walls, Floors & Doors	$31,000.00				$0.00		$31,000.00
91	D9 - Chemical Containment	$6,500.00				$0.00		$6,500.00
92	D9 - Piping	$5,700.00	$0.00	$1,425.00	$0.00	$1,425.00	25.0%	$4,275.00
	DIVISION 10 - SPECIALTIES							
93	D10 - Fire Extinguishers	$400.00				$0.00		$400.00
94	D10 - Project Signs	$6,700.00				$0.00		$6,700.00
	DIVISION 11 - EQUIPMENT							
	SITE							
95	D11 - Influent Pump Station - Submersible Pumps	$189,200.00	$18,920.00	$0.00	$140,566.30	$159,486.30	84.3%	$29,713.70
96	D11 - Plant Drain Pump Station Submersible Pumps	$89,400.00	$8,940.00	$0.00	$60,242.70	$69,182.70	77.4%	$20,217.30
	CENTRIFUGE BUILDING							
97	D11 - Centrifuge System	$619,200.00	$61,920.00	$0.00	$0.00	$61,920.00	10.0%	$557,280.00
98	D11 - Digester Sludge Pump	$30,000.00	$3,000.00	$0.00	$0.00	$3,000.00	10.0%	$27,000.00
99	D11 - Inline Grinder	$34,500.00	$3,450.00	$0.00	$0.00	$3,450.00	10.0%	$31,050.00
100	D11 - Polymer Feed System	$32,900.00	$3,290.00	$0.00	$0.00	$3,290.00	10.0%	$29,610.00
101	D11 - Polymer Bulk Tank	$7,800.00	$780.00	$0.00	$0.00	$780.00	10.0%	$7,020.00
	UV BUILDING							
102	D11 - UV System with Controls	$303,900.00	$30,390.00	$0.00	$237,600.00	$267,990.00	88.2%	$35,910.00
	HEADWORKS BUILDING							
103	D11 - Mechanical Bar Screen w/Controls	$159,000.00	$143,100.00	$15,900.00	$0.00	$159,000.00	100.0%	$0.00
104	D11 - Washer/Compactor w/Controls	$85,600.00	$77,040.00	$8,560.00	$0.00	$85,600.00	100.0%	$0.00
105	D11 - Grit Removal System w/Controls	$262,000.00	$222,700.00	$26,200.00	$0.00	$248,900.00	95.0%	$13,100.00
	EXISTING DIGESTER							
106	D11 - Digester Aeration & Mixing System w/Controls	$670,000.00	$67,000.00	$33,500.00	$492,907.00	$593,407.00	88.6%	$76,593.00
	EXISTING SBR TANKS							
107	D11 - MCP w/ PLC & Instrumentation	$274,800.00	$27,480.00	$0.00	$0.00	$27,480.00	10.0%	$247,320.00
	DIVISION 13 - SPECIAL CONSTRUCTION							
	SCADA / INTEGRATION							
108	D13 - SCADA, Control Panels, MCC, Field Instrumentation	$765,000.00	$76,500.00	$0.00	$36,698.00	$113,198.00	14.8%	$651,802.00
	DIVISION 14 - CONVEYING SYSTEMS							
	CENTRIFUGE BUILDING							

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Progress Estimate - Lump Sum Work

Contractor's Application

For (Contract):	CHARLES TOWN WASTEWATER TREATMENT PLANT IMPROVEMENTS PROJECT	Application Number:	11
Application Period:	8/01/23-8/31/23	Application Date:	8/31/2023

			Work Completed		E	F		G
A		B	C	D				
Schedule of Values Item No.	Description	Scheduled Value ($)	From Previous Application (C+D)	This Period	Materials Presently Stored (not in C or D)	Total Completed and Stored to Date (C + D + E)	% (F / B)	Balance to Finish (B - F)
109	D14 - Hoist & Monorail	$27,700.00				$0.00		$27,700.00
	HEADWORKS BUILDING							
110	D14 - Screw Conveyor	$70,200.00	$56,160.00	$0.00	$0.00	$56,160.00	80.0%	$14,040.00
	DIVISION 15 - MECHANICAL							
	PROCESS PIPING							
111	D15 - Influent PS - DI Pipe, Fittings, Valves & Sch 40 Stilling Well	$49,000.00	$0.00	$0.00	$16,935.80	$16,935.80	34.6%	$32,064.20
112	D15 - Effluent PS- Sch 40 Stilling Well	$3,900.00				$0.00		$3,900.00
113	D15 - Plant Drain PS - DI Pipe, Fittings, Valves & Sch 40 Stilling Well	$19,500.00	$0.00	$0.00	$4,488.80	$4,488.80	23.0%	$15,011.20
114	D15 - Plan Drain PS - New Top Slab w/Hatch & Vent Pipe	$5,000.00				$0.00		$5,000.00
115	D15 - Plant Drain PS - Portable Hoist w/Socket	$3,000.00				$0.00		$3,000.00
116	D15 - Electrical Bldg- 12" Lug Style BF Valve w/SS Flange Spool	$10,700.00				$0.00		$10,700.00
117	D15 - Centrifuge Bldg. - DI Pipe, Fittings & Valves	$86,800.00	$0.00	$8,680.00	$25,049.25	$33,729.25	38.9%	$53,070.75
118	D15 - Centrifuge Bldg. - Sch 80 PVC Polymer Feed System	$27,100.00				$0.00		$27,100.00
119	D15 - Sludge Transfer Pump Bldg - DI Pipe, Fittings & Valves	$5,700.00	$0.00	$0.00	$684.20	$684.20	12.0%	$5,015.80
120	D15 - Headworks Bldg. - DI Pipe, Fittings & Valves	$47,200.00	$42,480.00	$4,720.00	$0.00	$47,200.00	100.0%	$0.00
121	D15 - Headworks Bldg. - Sch 80 PVC Drains	$9,000.00	$0.00	$9,000.00	$0.00	$9,000.00	100.0%	$0.00
122	D15 - Ex. Digester Bldg. Mixing Sys. Air Comp. Room - 2" SS Air Pipe	$11,600.00				$0.00		$11,600.00
123	D15 - Ex. Digester Bldg. Mixing Sys. Air Comp. Room - 2" Sch 40 PV	$3,200.00				$0.00		$3,200.00
124	D15 - Ex. Digester Tank - 6" DI Pipe & Fittings w/Elec. Actuated T-Va	$43,000.00	$38,700.00	$0.00	$0.00	$38,700.00	90.0%	$4,300.00
125	D15 - Ex. Digester Tank - 10" SS Pipe & Valve Air Supply Line to Mar	$19,500.00	$15,600.00	$3,900.00	$0.00	$19,500.00	100.0%	$0.00
126	D15 - Ex. Digester Tank - Pipe Penetrations to Tank by Mack Ind.	$15,700.00	$15,700.00	$0.00	$0.00	$15,700.00	100.0%	$0.00
127	D15 - Digester Blower Pad - 10" & 8" SS Pipe, Fittings & Valves	$15,800.00	$0.00	$0.00	$9,389.97	$9,389.97	59.4%	$6,410.03
128	D15 - SBR Tanks - Install Process Sensors & Instrumentation	$12,000.00				$0.00		$12,000.00
	PLUMBING							
129	D15 - Headworks Bldg. - Sch 80 PVC Water Pipe, Fittings, Valves, BF	$35,800.00	$32,220.00	$3,580.00	$0.00	$35,800.00	100.0%	$0.00
130	D15 - Centrifuge Bldg. - Sch 80 PVC Water Pipe, Fittings, Valves, BFF	$46,200.00				$0.00		$46,200.00
131	D15 - Centrifuge Bldg. - Sch 80 PVC Drain Pipe, Fittings, Floor Drains	$16,700.00	$1,670.00	$12,525.00	$0.00	$14,195.00	85.0%	$2,505.00
132	D15 - Centrifuge Bldg. - Plumbing Fixtures & Eyewash/Shower	$32,800.00				$0.00		$32,800.00
	HVAC							
133	D15 - Electrical Bldg. - Split System HVAC Unit	$22,600.00				$0.00		$22,600.00
134	D15 - Centrifuge Bldg. - Exhaust Fans, Louvers, Unit Heaters	$29,900.00				$0.00		$29,900.00
	DIVISION 16 - ELECTRICAL							
	ELECTRICAL WORK BY S&S ELECTRIC							
135	D16 - Electrical Demolition	$163,500.00	$81,750.00	$16,350.00	$0.00	$98,100.00	60.0%	$65,400.00
136	D16 - Lighting - Material	$11,300.00	$11,300.00	$0.00	$0.00	$11,300.00	100.0%	$0.00
137	D16 - Lighting - Labor	$8,900.00				$0.00		$8,900.00
138	D16 - Gear - Material	$278,300.00	$91,839.00	$5,566.00	$0.00	$97,405.00	35.0%	$180,895.00
139	D16 - Gear - Labor	$60,900.00	$6,090.00	$3,045.00	$0.00	$9,135.00	15.0%	$51,765.00

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Progress Estimate - Lump Sum Work

Contractor's Application

For (Contract):	CHARLES TOWN WASTEWATER TREATMENT PLANT IMPROVEMENTS PROJECT	Application Number:	11
Application Period:	8/01/23-8/31/23	Application Date:	8/31/2023

			Work Completed		E	F		G
A		B	C	D				
Schedule of Values Item No.	Description	Scheduled Value ($)	From Previous Application (C+D)	This Period	Materials Presently Stored (not in C or D)	Total Completed and Stored to Date (C + D + E)	% (F / B)	Balance to Finish (B - F)
140	D16 - Emergency Generator - Material	$382,500.00				$0.00		$382,500.00
141	D16 - Emergency Generator - Labor	$22,700.00				$0.00		$22,700.00
142	D16 - Devices - Material	$5,600.00	$0.00	$560.00	$0.00	$560.00	10.0%	$5,040.00
143	D16 - Devices - Labor	$7,300.00	$0.00	$730.00	$0.00	$730.00	10.0%	$6,570.00
144	D16 - Boxes/Troughs - Material	$101,900.00	$40,760.00	$10,190.00	$0.00	$50,950.00	50.0%	$50,950.00
145	D16 - Boxes/Troughs - Labor	$59,900.00	$23,960.00	$5,990.00	$0.00	$29,950.00	50.0%	$29,950.00
146	D16 - SCADA Equipment Install - Labor	$25,800.00				$0.00		$25,800.00
147	D16 - Conduit - Material	$380,500.00	$232,105.00	$15,220.00	$0.00	$247,325.00	65.0%	$133,175.00
148	D16 - Conduit - Labor	$634,000.00	$272,620.00	$25,360.00	$0.00	$297,980.00	47.0%	$336,020.00
149	D16 - Cable - Material	$487,600.00	$34,132.00	$9,752.00	$0.00	$43,884.00	9.0%	$443,716.00
150	D16 - Cable - Labor	$358,000.00	$25,060.00	$7,160.00	$0.00	$32,220.00	9.0%	$325,780.00
151	D16 - Grounding - Material	$12,000.00	$2,160.00	$240.00	$0.00	$2,400.00	20.0%	$9,600.00
152	D16 - Grounding - Labor	$20,700.00	$3,726.00	$414.00	$0.00	$4,140.00	20.0%	$16,560.00
153	D16 - Temporary Electric	$53,500.00	$30,495.00	$1,605.00	$0.00	$32,100.00	60.0%	$21,400.00
	BID ALTERNATE A - INFLUENT METERING VAULT							
154	Bonds & Insurance	$2,800.00	$2,800.00	$0.00	$0.00	$2,800.00	100.0%	$0.00
155	Demolition	$14,000.00				$0.00		$14,000.00
156	Excavation & Backfill	$7,600.00				$0.00		$7,600.00
157	Precast Concrete Vault	$23,000.00	$0.00	$0.00	$17,257.50	$17,257.50	75.0%	$5,742.50
158	Piping, Fittings, Valves & Supports	$45,000.00	$0.00	$0.00	$20,911.23	$20,911.23	46.5%	$24,088.77
159	16" Mag Meter	$14,600.00				$0.00		$14,600.00
160	Electrical Material	$16,000.00	$1,600.00	$0.00	$0.00	$1,600.00	10.0%	$14,400.00
161	Electrical Labor	$29,000.00				$0.00		$29,000.00
	BID ALTERNATE B - WAS METERING VAULT							
162	Bonds & Insurance	$4,400.00	$4,400.00	$0.00	$0.00	$4,400.00	100.0%	$0.00
163	Demolition	$14,700.00				$0.00		$14,700.00
164	Excavation & Backfill	$10,200.00				$0.00		$10,200.00
165	Precast Concrete Vault	$21,000.00	$0.00	$0.00	$16,557.50	$16,557.50	78.8%	$4,442.50
166	Piping, Fittings, Valves & Supports	$65,600.00	$0.00	$0.00	$29,409.43	$29,409.43	44.8%	$36,190.57
167	Flow Meters	$17,100.00				$0.00		$17,100.00
168	Misc. Metals	$23,000.00				$0.00		$23,000.00
169	Electrical Material	$33,000.00	$3,300.00	$0.00	$0.00	$3,300.00	10.0%	$29,700.00
170	Electrical Labor	$46,000.00				$0.00		$46,000.00
	CHANGE ORDER #1							
171	CHANGE ORDER #1	$498,183.42	$498,183.42	$0.00	$0.00	$498,183.42	100.0%	$0.00
172	CHANGE ORDER #2	$41,179.57	$41,179.57	$0.00	$0.00	$41,179.57	100.0%	$0.00
	SubTotal	**$10,690,362.99**	**$3,542,102.99**	**$378,122.00**	**$1,154,885.20**	**$5,075,110.19**	**47.5%**	**$5,615,252.80**

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Stored Material Summary

Contractor's Application

For (Contract):	CHARLES TOWN WASTEWATER TREATMENT PLANT IMPROVEMENTS PROJECT							Application Number:	11		
Application Period:	8/01/23-8/31/23							Application Date:	8/31/2023		
A		B	C		D		E		F		G
					Stored Previously				Incorporated in Work		
Bid Item No.	Supplier Invoice No.	Submittal No. (with Specification Section	Storage Location	Description of Materials or Equipment Stored	Date Placed into Storage (Month/Year)	Amount ($)	Amount Stored this Month ($)	Subtotal Amount Completed and Stored to Date (D + E)	Date (Month/ Year)	Amount ($)	Materials Remaining in Storage ($) (D + E - F)
34, 37, 42, 158, 166	S100204638.001		Inwood shop	CITCO Water - Piping, Valves, Fittings for Yard Piping & Bid Alternates	1/2023	$16,302.08		$16,302.08	4/2023	$10,737.51	$5,564.57
111, 113, 117, 119, 158, 166	S100198279.001		Inwood shop	CITCO Water - Piping, Valves, Fittings for Mechanical Piping & Bid Alternates	1/2023	$33,962.32		$33,962.32			$33,962.32
136	3624349		onsite	Scott Electric - lighting	1/2023	$3,299.00		$3,299.00	3/2023	$3,299.00	
42	S100204638.002		Inwood shop	CITCO Water - Piping, Valves, Fittings for Yard Piping	1/2023	$5,281.95		$5,281.95			$5,281.95
158	S100198279.002		Inwood shop	CITCO Water - Piping, Valves, Fittings for Bid Alternate A	1/2023	$7,075.75		$7,075.75			$7,075.75
138	S6606924.005, S6606924.003		onsite	Schaedler yesco electrical material for gear	2/2023	$2,481.00		$2,481.00	3/2023	$2,481.00	
13	21073974		Inwood shop	ISCO Industries Piping for Bypass pump	2/2023	$6,795.23		$6,795.23	3/2023	$6,795.23	
43	S100207506.001		Inwood shop	CITCO Water - Nyloplast Drain Basins	2/2023	$14,097.00		$14,097.00	4/2023	$14,097.00	
171	483242		Inwood shop	Skyline Steel - H-Piles	3/2023	$62,060.00		$62,060.00	4/2023	$62,060.00	
106	6183.03-.05		Inwood shop	Enviromix, Inc. - Digester Aeration & Mixing Sys w/Controls	3/2023	$259,425.00		$259,425.00			$259,425.00
157,165	MIVC0029470		Inwood shop	Mack Industries - PS Meter Vault, WAS Valve Vault	4/2023	$33,815.00		$33,815.00			$33,815.00
102	902090889		Inwood shop	Veolia UV System	4/2023	$237,600.00		$237,600.00			$237,600.00
117	S100211394.001		Inwood shop	CITCO Water - Process Piping for Centrifuge Bldg	4/2023	$5,774.80		$5,774.80			$5,774.80
117	S100209868.002		Inwood shop	CITCO Water - Process Piping for Centrifuge Bldg	4/2023	$4,582.50		$4,582.50			$4,582.50
117	S100198279.004		Inwood shop	CITCO Water - Process Piping for Centrifuge Bldg	4/2023	$3,386.75		$3,386.75			$3,386.75
111,120	S100209822.004		Inwood shop	CITCO Water - Process Piping for HW Bldg & Inf PS	4/2023	$11,549.36		$11,549.36	7/2023	$4,339.41	$7,209.95
33	S100213814.001		Inwood shop	CITCO Water - Yard Piping for Water Svc to Centrifuge Bldg	4/2023	$5,871.20		$5,871.20	8/2023	$5,871.20	
158	S100211150.003		Inwood shop	CITCO Water - Piping for Bid Alternate A - Inf. Metering Vault	4/2023	$5,581.64		$5,581.64			$5,581.64
105	9865-1, 9865-2		Inwood shop	Envirodyne Systems Inc. - Grit Removal System	4/2023	$70,462.00		$70,462.00	7/2023	$70,462.00	
13	0134274-IN		Inwood shop	Precision Pump & Valve - Pumps for bypass	4/2023	$32,204.00		$32,204.00	5/2023	$32,204.00	
103,104	93254		Inwood shop	Zima Corporation - Bar Screen, Washer/Compactor	4/2023	$165,750.30		$165,750.30	7/2023	$165,750.30	
108	220802-1		Inwood shop	Micro-Tech Designs, Inc. - SCADA equipment	4/2023	$36,698.00		$36,698.00			$36,698.00
106	6183.06		Inwood shop	Enviromix, Inc. - Diffusers, Aeration piping, pipes/supports	5/2023	$77,827.50		$77,827.50			$77,827.50
125,127	683		Inwood shop	B.A. Martin Welding - SS Piping for Digester	5/2023	$18,779.95		$18,779.95	7/2023	$9,389.98	$9,389.97
71-75	1457		Inwood shop	Southern Steel Products Company - Misc. Metals for Cent. Bldg.	5/2023	$38,450.00		$38,450.00			$38,450.00
95-96	9261		Inwood shop	Pumpman Pittsburgh - Submersible Pumps	5/2023	$200,809.00		$200,809.00			$200,809.00
105	9865-3		Inwood shop	Envirodyne Systems Inc. - Grit Removal System	6/2023	$134,158.00		$134,158.00	8/2023	$134,158.00	
166	S100198279.005		Inwood shop	CITCO Water - Plug valves	7/2023	$26,796.00		$26,796.00			$26,796.00
106	6183.07		Inwood shop	Enviromix, Inc. - Digester Blowers	7/2023	$181,597.50			8/2023	$25,943.00	
				Totals		**$1,702,472.83**		**$1,520,875.33**		**$547,587.63**	$1,154,885.20

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Date: September 13, 2023

Charles Town Utility Board
2022 Renewal and Replacement Project
Schedule B

A. COST OF PROJECT	APPROVED CONSTRUCTION BUDGET	Paid by CTUB from Operating Account	Paid by CTUB from Operating Account 6/29/2023-8/9/2023	Paid by CTUB from Operating Account 8/10/2023-9/13/2023	Resolution No. 1 Contractor's Application for Payment No. 1	Resolution No. 2 Contractor's Application for Payment No. 2	Resolution No. 3 Contractor's Application for Payment No. 3	Resolution No. 4 Contractor's Application for Payment No. 4	Resolution No. 5 Contractor's Application for Payment No. 5	Resolution No. 6 Contractor's Application for Payment No. 6	Resolution No. 7 Contractor's Application for Payment No. 7	Resolution No. 8 Contractor's Application for Payment No. 8	Resolution No. 9 Contractor's Application for Payment No. 9	Resolution No. 10 Contractor's Application for Payment No. 10	Resolution No. 11 Contractor's Application for Payment No. 11	BALANCE REMAINING
1 **CONSTRUCTION**																
a. Contract	$ 10,151,000.00				$ 258,858.00	$ 188,174.70	$ 134,861.40	$ 91,314.99	$ 92,171.91	$ 498,898.59	$ 769,319.84	$ 673,483.46	$ 432,539.77	$ 883,714.54	$ 299,834.06	$ 5,827,828.74
b. Construction Contingency 5% - (See note #2 & #5 below)	$ 376,019.43															$ 376,019.43
c. Change Order #1 (See note #1 below)	$ 498,183.42										$ 298,910.00	$ 199,273.42				$ -
d. Change Order #2	$ 41,179.57															$ 41,179.57
e. Change Order #3	$ 90,351.00															$ 90,351.00
2 **ENGINEERING SERVICES**																
GDF Engineering fees (including CA and RPR)	$ 760,000.00	$ 410,782.47	$ 24,052.83	$ 16,341.34												$ 129,162.10
Additional RPR inspection (not yet Board approved)	$ 125,000.00															$ 125,000.00
Initial GDF R&R Report	$ 40,082.50	$ 40,082.50														$ -
3 **LEGAL SERVICES**																
a. Local Project Attorney	$ 20,000.00	$ 544.00														$ 17,144.00
4 **ADMINISTRATIVE SERVICES**																
a. Project Accountant (CPA)	$ 20,000.00	$ 2,937.50		$ 350.00												$ 9,312.50
b. Other Administrative Costs	$ 10,000.00	$ 1,190.00		$ 1,462.25												$ 3,151.74
5 **Total Project Costs Lines 1-6**	**$ 12,131,815.92**	**$ 455,536.47**	**$ 24,052.83**	**$ 18,153.59**	**$ 258,858.00**	**$ 188,174.70**	**$ 134,861.40**	**$ 91,314.99**	**$ 92,171.91**	**$ 498,898.59**	**$ 1,068,229.84**	**$ 872,756.88**	**$ 432,539.77**	**$ 883,714.54**	**$ 299,834.06**	**$ 6,619,149.08**
B. SOURCES OF FUNDS	**APPROVED PROJECT FUNDING**															
1 PROJECT FUNDS																
Internal Funds & EEG Grant																
a. Capacity Improvement Fees	$ 1,170,163.00															$ 1,170,163.00
b. Renewal & Replacement (See note #3 & #4 below)	$ 500,000.00										$ (298,910.00)	$ (199,273.42)				$ 1,816.58
c. Operating Cash	$ 1,515,122.92	$ (455,536.47)	$ (24,052.83)	$ (18,153.59)												$ 823,810.76
d. EEG Grant Funds	$ 1,966,030.00															$ 1,966,030.00
Total Internal Funds & EEG Grant Funds	**$ 5,151,315.92**															**$ 3,961,820.34**
Bond Proceeds																
e. 2022B & 2022C Construction Fund Account	**$ 6,980,500.00**				$ (258,858.00)	$ (188,174.70)	$ (134,861.40)	$ (91,314.99)	$ (92,171.91)	$ (498,898.59)	$ (769,319.84)	$ (673,483.46)	$ (432,539.77)	$ (883,714.54)	$ (299,834.06)	**$ 2,657,328.74**
Total Funds Available	**$ 12,131,815.92**	**$ (455,536.47)**	**$ (24,052.83)**	**$ (18,153.59)**	**$ (258,858.00)**	**$ (188,174.70)**	**$ (134,861.40)**	**$ (91,314.99)**	**$ (92,171.91)**	**$ (498,898.59)**	**$ (1,068,229.84)**	**$ (872,756.88)**	**$ (432,539.77)**	**$ (883,714.54)**	**$ (299,834.06)**	**$ 6,619,149.08**

Note #1 - March 1, 2023 this line item was increased to include the full amount of Change Order #1. Internal funds that were previously allocated for the Collection System project will be dedicated to this Change Order. This will require an increase of the requested funds from CWSRF for the Collection System Project.
Note #2 - March 8, 2023 this line item was decreased by $41,179.57 to include the full amount of Change Order #2.
Note #3 - Pay App #7 in the amount of $1,068,229.84 includes $298,910 from Change Order #1. $769,319.84 will be paid from the 2022B and $298,910 will be paid from the Renewal & Replacement Account.
Note #4 - Pay App #8 in the amount of $872,756.88 includes the remaining balance of $199,273.42 from Change Order #1. $673,483.46 will be paid from the 2022B and $199,273.42 will be paid from the Renewal & Replacement Account.
Note #5 - August 23, 2023 this line item was decreased by $90,351 to include the full amount of Change Order #3.

GD&F
GWIN
DOBSON &
FOREMAN
CONSULTING ENGINEERS

August 22, 2023

Kristen M. Stolipher, Utility General Manager
Charles Town Utility Board
661 South George Street, Suite 101
Charles Town, WV 25414

RE: Cantor Hollow Pump Station Design

Dear Mrs. Stolipher:

Per your request, Gwin, Dobson & Foreman, Inc. (GD&F) is pleased to present the following proposal (Task Order) to design, permit, and assist in construction of a pump station for the proposed Cantor Hollow Development.

Understanding of the Project

Design, permit, and bid a pump station to handle the proposed development based on the Concept Plan Amendment revised January 17, 2023.

Proposed Services

GD&F will provide the following services:

- Assess the anticipated flow from the proposed development,
- Design a new pump station and forcemain (including flow meter) from the pump station to the gravity sewer on Patrick Henry Way,
- Prepare and submit sanitary sewer permit,
- Prepare specifications and a cost estimate,
- Assist in bid phase of project.

Services that are not included:

- HOP permit,
- Permit Fees.

Proposed Schedule

GD&F will begin immediately upon written authorization from the Board and will complete the design by October 2023.

Proposed Cost

GD&F will provide the above scope of services for an estimated, not-to-exceed, fee of $19,500. Invoices will be submitted on a monthly basis based on GDF current standard rates. Payment will be made on an accrued hourly basis plus expenses. The expenses include direct expenses such as mileage, printing/copying, etc. as necessary to complete the services. Payment is due within thirty (30) days of invoicing.

Estimated Engineering Fees:

Pump Station/Forcemain Design = $6,000
Electrical Design = $4,000
Specifications = $2,000
Cost Estimate = $1,000
Permitting = $2,000
Bid Phase = $2,000
Project Management = $2,500

Total Estimated Design and Bidding Cost = $19,500

We appreciate the opportunity to submit this proposal. To authorize the services, please complete the following authorization section of this proposal and return a signed copy to our office. If you have any questions, please contact our office at your convenience.

Respectfully submitted,
GWIN, DOBSON & FOREMAN, INC.



David Pedersen, P.E.
Senior Environmental Engineer

CME/amk
Prop/2023/CTUB_CantorHollowPSDesign_8-22-23.doc
cc: File

ACCEPTANCE OF PROPOSAL

The Charles Town Utility Board hereby accepts the above service and cost proposal.

Authorized Representative _____ Date _____

Attest/Witness _____

CHARLES TOWN UTILITY BOARD
WATER/SEWER SYSTEMS UPGRADE PROJECTS

RUMMEL, KLEPPER & KAHL, LLP

TASK NO. 22
SCOPE OF WORK CHANGE NO. 01

PROFESSIONAL ENGINEERING & SURVEYING SERVICES

GREENFIELD FORCE MAIN UPGRADE
BIDDING DOCUMENTS

September 8, 2023

Being a part of Agreement Between
Charles Town Utility Board and Rummel, Klepper & Kahl, LLP
dated November 13, 2019

This Scope of Work Change No. 01 to Task No. 22 dated September 8, 2023, to the Agreement between Charles Town Utility Board (CTUB) and Rummel, Klepper, and Kahl, LLP (RK&K) dated November 13, 2019, is to provide front-end bidding documents and bid phase services for the Greenfield Force Main Upgrade project.

Scope of Services

The scope of services included herein consists of the preparation of bidding and construction contract documents, whereby allowing CTUB to advertise the project for construction, along with participating in the bidding phase for awarding the construction project. The modifications are necessary as the original Task No. 22 only included the necessary construction plans and technical specifications allowing CTUB Staff to construct the proposed improvements themselves.

RK&K will utilize the 2018 edition of the EJCDC documents as the basis of the construction contract documents.

RK&K will assist CTUB staff in advertising project for bid, conducting pre-bid meeting, preparing minutes of meeting, issuing addendums, attending bid opening, preparing bid tabulation, and recommending award of contract in accordance with Section 2.4 of the Agreement.

1. For this Task Order, RK&K has assumed a single construction project.

RK&K will provide conformed drawing files (in dwg format) of the bidding plans to the Charles Town Utility Board for record purposes.

Schedule

Subject to CTUB review time, RK&K anticipates that the bidding phase will be four (4) months following approval of permits.

Estimated Person-Hours per Phase by Category, Engineer's Consultant Costs and Other Direct Costs

A fee derivation is attached as Page 3 which includes RK&K's estimated person-hours by category and other direct costs anticipated to complete the work for this project.

Materials and Resources Required of CTUB

- CTUB will be responsible for paying any permitting and regulatory agency fees.

Estimated Not-To-Exceed Fee

RK&K will provide the scope of services described above at an amount equal to Engineer's Direct Labor Costs times a factor of 2.7 for the services of Engineer's personnel engaged on the Project, plus Reimbursable Expenses.

The total estimated Not-to-Exceed fee to perform the work is $14,800.00

Task Order Summary

Original Task No. 19 (Design Phase):	$	52,900.00
Net Change for Prior Amendments:	$	0.00
This Amendment Amount:	$	14,800.00
Adjusted Not-to-Exceed Amount:	$	67,700.00

Authorization

This Scope of Work Change No. 01 to Task No. 22, Greenfield Force Main Upgrade, dated September 8, 2023, and being a part of the Agreement between Charles Town Utility Board and Rummel, Klepper & Kahl, LLP for Engineering Services for Water/Sewer Systems Upgrade Projects dated November 13, 2019, is approved by the following duly authorized officials:

Engineer: RUMMEL, KLEPPER & KAHL, LLP

_____ 09/08/2023

John W. Cole, PE Date
Director

Owner: CHARLES TOWN UTILITY BOARD

_____ _____

John Nissel Date
Chairman

FEE DERIVATION FOR RK&K - 09/08/2023

GREENFIELD FORCE MAIN UPGRADE BIDDING CIVIL ENGINEERING SERVICES

		RK&K Labor Task	Director	Project Manager	Project Engineer	Project Designer	Engineer	Electrical	CADD Operator	Senior Inspector	Construction Inspector	Totals
Bidding	1	Front End Documents		12								12
	2	QA/QC	2									2
	3	Pre-bid meeting		16	8							24
	4	Respond to questions - prepare addendum(s)		16	4			4	4			28
	5	Review bids - letter of recommendation	2	8								10
	6	Preparation of conformed documents		4	4			4	8			20
		Subtotal - Labor Hours	**4**	**56**	**16**	**0**	**0**	**8**	**12**	**0**	**0**	**96**
											Subtotal RK&K Direct Labor Costs	**$ 14,400.00**
											Subtotal Non-Labor Direct Costs	**$ 400.00**
											Total Fee - Bidding Documents	**$ 14,800.00**

TOTAL ENGINEERING FEE		**$ 14,800.00**

GWIN
DOBSON &
FOREMAN
CONSULTING ENGINEERS

August 22, 2023

Kristen M. Stolipher, Utility General Manager
Charles Town Utility Board
661 South George Street, Suite 101
Charles Town, WV 25414

RE: Greenfield Forcemain Construction Administration

Dear Mrs. Stolipher:

Per your request, Gwin, Dobson & Foreman, Inc. (GD&F) is pleased to present the following proposal (Task Order) for Construction Administration of the Greenfield Forcemain Upgrade and Samuel Street Pump Station Flow Meter Installation Project.

Understanding of the Project

Per CTUB request, GD&F reviewed the Bidding Package for the Project to become familiar with the scope and duration of the project. The Project includes replacement of approximately 2,400 LF of forcemain with a section under US-340 North.

Proposed Services

GD&F will provide the following services:

- Bid phase services (RFI Responses, tabulation of bids, etc.),
- Submittal/RFI review and responses,
- Review of Payment Applications,
- Review of Change Orders,
- Part-Time On-site inspection (up to 120 hours),
- Monthly progress meetings including meeting minutes,
- Contract coordination,
- Contract closeout.

Services that are not included:

- Permitting/Permit Fees,
- Modification of Contract Documents (to be addressed on case by case basis).

Proposed Schedule

GD&F is immediately available to perform these services upon written authorization from the Board. We expect the project to be advertised for bid by October 2023.

Proposed Cost

GD&F will provide the above scope of services for an estimated, not-to-exceed, fee of $17,000. Invoices will be submitted on a monthly basis based on GDF current standard rates. Payment will be made on an accrued hourly basis plus expenses. The expenses include direct expenses such as mileage, printing/copying, etc. as necessary to complete the services. Payment is due within thirty (30) days of invoicing.

Estimated Engineering Fees:

Bid Phase = $2,000
Project Management = $3,750/month for 4 months

We appreciate the opportunity to submit this proposal. To authorize the services, please complete the following authorization section of this proposal and return a signed copy to our office. If you have any questions, please contact our office at your convenience.

Respectfully submitted,
GWIN, DOBSON & FOREMAN, INC.



David Pedersen, P.E.
Senior Environmental Engineer

DEP/amk
Prop/2023/CTUB_GreenfieldForcemainCA_8-22-23.doc
cc: File

ACCEPTANCE OF PROPOSAL

The Charles Town Utility Board hereby accepts the above service and cost proposal.

Authorized Representative _____ Date _____

Attest/Witness _____

kstolipher

From: Amy E. Cunningham <amyecunningham@yahoo.com>
Sent: Wednesday, August 30, 2023 8:31 PM
To: kstolipher; Marchun, Alan F; Gillian R Beach
Cc: Bryant, Renee; Meredith J Vance; Huerta, Lesly; Rachel Binkowski
Subject: Re: Potomac Farms 3301947

Dear Kristen,

Thank you for the call today. As discussed we are keen to pursue being connected to the Charles Town WV public water utility. We realize that this will take some time - likely up to 3 years - and are available to work with you in any way to help access state grant funding. We will be working with community members in the meantime to encourage them to take steps to avoid water when nitrates are high - primarily advising they do not boil water when nigragra are high, pregnant women and young children to not drink the water at all when nitrates are high and for them to invest in their own in house systems.

Many thanks!

Amy Cunningham

Sent from Yahoo Mail for iPhone

On Thursday, June 29, 2023, 17:47, Amy E. Cunningham <amyecunningham@yahoo.com> wrote:

> Hi Kristen,
>
> Thank you for this thorough analysis. I noted that you did not mention the application for state support under the west Va development funding. Is that something that you are considering and if so what are the financial or other implications for the users.
>
> Many thanks!
>
> Amy
>
> Sent from Yahoo Mail for iPhone
>
> On Thursday, June 29, 2023, 09:25, kstolipher <kstolipher@ctubwv.com> wrote:
>
> > Alan,
> >
> > Please find attached the summary of options for Potomac Farms. If you have any questions, please let me know.
> >
> > Thanks,

Kristen

Kristen M. Stolipher

Utility General Manager

Charles Town Utility Board

661 South George Street, Suite 101

Charles Town, WV 25414

Office: (304) 724-7080

Cell: (304)-904-7359

Email: kstolipher@ctubwv.com

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WATER SERVICE TERMINATION AGREEMENT

THIS AGREEMENT (hereinafter "Agreement"), made this ___ day of September, 2023 by and between the City of Charles Town, by and through the Charles Town Utility Board, a municipal corporation organized and existing pursuant to the provisions of West Virginia Code § 8-1-1, *et seq.*, and operating as a combined utility pursuant to the provisions of West Virginia Code § 8-20-1, *et seq.* (hereinafter "Sewer Authority"), and West Virginia-American Water Company, a public utility corporation of the State of West Virginia, having its principal office at 1600 Pennsylvania Avenue, Charleston, West Virginia (hereinafter "Water Company");

WITNESSETH:

THAT WHEREAS, the Sewer Authority is engaged in supplying sewer service to the citizens and residents within its service area; and

WHEREAS, the Sewer Authority is experiencing difficulty in the collection of delinquent sewer fees through statutory means such as the imposition of liens and institution of civil actions; and

WHEREAS, a contributing factor to the Sewer Authority's collection problem is its inability to enforce payment through the termination of sewer service to delinquent customers; and

WHEREAS, the Water Company is the owner and operator of a water distribution system serving some or all of the customers of the Sewer Authority, under the applicable Rules and Regulations of the Public Service Commission of West Virginia (hereinafter "Commission"); and

WHEREAS, the Water Company is required by law, at the request and direction of the Sewer Authority and with the approval of the Commission, to terminate the supply of water from its system to any customer or premises with regard to which the fees for sewer service supplied thereto by the Sewer Authority are delinquent; and

WHEREAS, the Water Company is willing to cooperate and assist the Sewer Authority in the collection of its delinquent accounts upon the terms hereinafter set forth.

NOW, THEREFORE, in consideration of the covenants hereinafter expressed and other good and valuable considerations, the receipt of which is hereby acknowledged, the parties hereto do mutually agree that:

1. The Water Company will discontinue the supply of water from its system to a specified customer or premises upon receipt by the Water Company of an electronic request by the Sewer Authority subject to the following conditions:

   (a) The Sewer Authority may request termination only for those customers or premises that have charges in excess of $50.00.

(b) The Sewer Authority cannot request the Water Company terminate water service to any customer or premises prior to the expiration of the notice period required by the terms of Water Rule 6.8.a.1 and Sewer Rule 6.8.2.a.

(c) The Sewer Authority cannot request the Water Company terminate water service to any customer or premises unless the Sewer Authority has fulfilled its customer notification obligations under Water Rule 6.8.1.c.2 and Sewer Rule 6.8.2.c.

(d) The Water Company must disconnect service within five (5) Disconnection Days following receipt of the aforesaid electronic request. Except that the five (5) Disconnection Day termination response period may be extended at the sole discretion of the Water Company to a maximum of ten (10) Disconnection Days when and if necessary due to a large number of termination requests or due to other scheduling considerations.

(e) The Water Company must disconnect service until it is advised electronically or in writing by the Sewer Authority either that:

(i) all delinquent fees, together with any interest thereon or other permissible charges pertaining thereto, have been paid; or

(ii) a satisfactory payment plan has been initiated pursuant to Water Rule 6.8.7 or Sewer Rule 6.8.2.i; or

(iii) until the Sewer Authority otherwise directs.

(f) The Water Company will perform all disconnections of water service between the hours of 8:00 a.m. and 4:00 p.m. per Water Rule 6.8.1.e.

2. The Sewer Authority shall pay to the Water Company, within fifteen (15) days of receipt of an invoice from the Company for the same, a termination fee for each water service terminated during the prior month and a reconnection fee for each restoration of water service previously terminated at the Sewer Authority's request performed during the prior month. The termination fee, reconnection fee, and any other costs charged are to be in the amount set forth on Schedule A attached hereto, or as otherwise may modified and approved by the Commission from time to time.

It is understood and agreed that the aforesaid fees for termination and restoration of water service shall automatically increase or decrease without any further notice or action by the Water Company, upon an increase or decrease in such corresponding fees as may now or hereafter be approved by the Commission and set forth in the Water Company's tariffs. Water Company shall promptly notify the Sewer Authority in the event of a change in the fees for termination and/or restoration of water service and the Sewer Authority shall promptly thereafter make an appropriate filing with the Commission to amend its tariffs accordingly.

The customer shall reimburse the Sewer Authority for any termination and reconnection fees, or other costs previously paid by the Sewer Authority with regard to such customer, provided said customer is notified pursuant to Water Rule 6.8.1.j. that in the event water service is terminated the customer will be responsible for such fees charged to the Sewer Authority by the Water Company and that these fees and charges be specifically expressed in the termination notice.

If payment is in arrears for more than sixty (60) days, or exceeds $1,000, Water Company shall not complete any new termination requests until all outstanding prior invoices have been paid; however, Water Company will continue to reconnect customers who have paid outstanding sewer balances.

3. By delivering the aforesaid written request for termination of water service, the Sewer Authority certifies:

(a) that the delinquent sewer fees upon which the Sewer Authority's request for termination of water service is based were incurred by the present occupant of the premises or a member of the same household or that someone other than the occupant of the premises is liable for the payment of the delinquent sewer fees, as more generally set forth in West Virginia Code §16-13-16 *et seq*; and

(b) that the Sewer Authority has given written notice to one or more persons liable for the payment of the delinquent sewer fees, pursuant to Sewer Rule 6.8.2.a and Water Rule 6.8.1.a, of the Sewer Authority's intention to request termination of water service, a copy of which notice(s) shall be attached to said affidavit.

(c) that the Sewer Authority has made two (2) attempts to notify by personal contact on two (2) separate business days at least twenty-four (24) hours prior to the scheduled termination, unless it is reasonably established that the premises are not permanently inhabited, pursuant Sewer Rule 6.8.2.c and Water Rule 6.8.1.c.

4. The Water Company shall not be liable for any loss, damage or other claim asserted by the owner or occupant of the premises, the Sewer Authority's customer, the Water Company's customer or any other person or corporation, including the Sewer Authority, based on or arising out of the termination of such supply of water, and the Sewer Authority does hereby indemnify and save harmless the Water Company, its agents, officers, servants and employees, from any such loss, damage or other claims, including counsel fees and expenses incurred in connection therewith, except to the extent that any such loss, damage or claim, or portion thereof, is finally adjudicated to be the proximate result of the negligence, omissions or willful acts of the Water Company, its agents and employees. In this regard, the Sewer Authority further agrees as follows:

(a) the Sewer Authority shall provide the Water Company a working telephone number to which customer inquiries resulting from termination of water service at the request of the Sewer Authority for delinquent sewer bills may be referred.

(b) the Sewer Authority shall be responsible for promptly answering all complaints, either verbal or written, lodged with the Commission, or received by or directed toward the Water Company, due to termination of water service at the request of the Sewer Authority for delinquent sewer bills. The Water Company shall promptly forward any such complaints received by it to the Sewer Authority.

(c) the Sewer Authority shall be responsible for collections of all delinquent sewer bills, and no collections for delinquent sewer bills shall be made by the Water Company at their office or the office of any of their agents, unless pursuant to a separate written agreement between the parties.

5. This Agreement shall become effective upon receipt by Water Company of an original or counterpart hereof, duly executed by both parties hereto, and continues thereafter for a period of ten (10) years. This Agreement may be terminated at any time by order of the Commission or by either party hereto upon written notice in the event of the enactment or promulgation of statutes, rules or regulations, including amendments thereto, or upon the issuance of court or administrative rulings which render all or any of the terms hereof null, void or unenforceable; provided, however, that unless and until terminated, both parties hereto shall be bound by any such statutes, rules, regulations or rulings, and the terms of this Agreement shall thereupon be deemed to be revised to conform to the same. This Agreement may also be amended by the Water Company in the event that it changes its electronic process for handling termination requests such that this Agreement can no longer be practicably carried out.

6. It is understood and agreed by the parties hereto that the Water Company may be required to comply with any existing or future regulations of the Commission relating to notice of termination of service, in addition to any other notice that might be required under this contract or any applicable statute or ordinance. It is further understood and agreed by the parties hereto that the Water Company is under no obligation to the Sewer Authority to investigate, verify or make any inquiry in respect the termination request or the certification made in paragraph 3 submitted to the Water Company by the Sewer Authority.

7. The Sewer Authority must use the Water Company's electronic system for termination requests. In the event the Sewer Authority needs to deliver non-electronic written requests, statements, fees, notices and other documents or payments under this Agreement to the Water Company it must use the following address:

West Virginia-American Water Company
1600 Pennsylvania Ave.
Charleston, West Virginia 25302

8. The Water Company shall deliver all statements, notices and other documents called for or permitted by the terms of this Agreement to the Sewer Authority at the following address:

Charles Town Utility Board
Attn: Utility Manager
661 South George Street, Suite 101
Charles Town, West Virginia 25414

9. This Agreement may be executed in any number of counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. Upon execution by both parties hereto, one counterpart of this Agreement shall be filed with the Commission by the Water Company.

10. The following terms are used in this Agreement:

(a) "Water Rule" - the Commission's Rules for the Government of Water Utilities

(b) "Sewer Rule" - the Commission's Rules for the Government of Sewer Utilities which the parties acknowledge apply to Sewer Utilities due to their adoption under Rule 4.8 of the Commission's Rules for the Government of Sewer Utilities.

(c) "Disconnection Days" – those days the Water Company is allowed to discontinue service under Water Rule 6.8.1.d.

(d) "Commission" - Public Service Commission of West Virginia.

IN WITNESS WHEREOF, the parties hereto have caused these presents to be signed by their proper officers the day and year first above written.

CHARLES TOWN UTILITY BOARD

By: _____
Kristen Stolipher

Its: Utility Manager

WEST VIRGINIA-AMERICAN WATER COMPANY

By: _____
Robert Burton

Its: President

DRAFT

Schedule A

FEES FOR THE DISCONNECTION AND RECONNECTION OF WATER SERVICE

DISCONNECTION FEE: $20.00[1]

RECONNECTION FEE: $20.00[2]

DRAFT

[1] The disconnection fee shall increase or decrease automatically, without notice, with any increase or decrease in such corresponding fees as may now or hereafter be approved by the Public Service Commission of West Virginia. After any such change the fees will be set at the higher of those set forth in either the Sewer Authority's or the Water Company's tariffs. In the event water service is not disconnected because of payment, at the customer's premises, of the full amount of the delinquent sewer bill(s) owed, the disconnection fee shall be deemed to be a service fee of the same amount, which shall be retained by Water Company.

[2] The reconnection fee shall increase or decrease automatically, without notice, with any increase or decrease in such corresponding fees as may now or hereafter be approved by the Public Service Commission of West Virginia. After any such change, the fees will be set at the higher of those set forth in the Water Company's tariffs.

STATE OF WEST VIRGINIA,
COUNTY OF _____, to-wit:

I_____, a notary public in and for said County and State do hereby certify that Kristen Stolipher personally appeared before me in my said County and being by me duly sworn did depose and say that she is currently serving as Utility Manager of the Charles Town Utility Board, that she is duly authorized to execute this Agreement and that this Agreement was signed and sealed on behalf of the Charles Town Utility Board by its authority, duly given, and that said writing is hereby acknowledged to be the contract and agreement of said Charles Town Utility Board.

Given under my hand this ___ day of _____, 2023.

My commission expires _____.

_____
Notary Public

STATE OF WEST VIRGINIA
COUNTY OF KANAWHA, To-wit:

I, _____, a notary public in and for said County and State do hereby certify that Robert Burton personally appeared before me in my said County and being by me duly sworn did depose and say that he is the President of West Virginia-American Water Company, that he is duly authorized by said Company to execute this Agreement and that this Agreement was signed and sealed by him on behalf of said Company by its authority, duly given, and that said writing is hereby acknowledged to be the contract and agreement of said Company.

Given under my hand this ___ day of _____, 2023.

My commission expires _____.

_____
Notary Public

USAGE AGREEMENT

THIS AGREEMENT, made as of this __ day of September, 2023, by and between the City of Charles Town, by and through the Charles Town Utility Board , a municipal corporation organized and existing pursuant to the provisions of West Virginia Code §8-1-1, *et seq.*, and operating as a combined utility pursuant to the provisions of West Virginia Code §8-20-1, *et seq* (hereinafter "Sewer Authority"), and West Virginia-American Water Company, a public utility corporation of the State of West Virginia, having its principal office at 1600 Pennsylvania Avenue, Charleston, West Virginia 25302 (hereinafter "Water Company");

WITNESSETH:

THAT, in consideration of the mutual covenants and agreements hereinafter set forth to be kept and performed by the parties, the parties hereto agree with each other as follows:

1. The Water Company will furnish weekly to Sewer Authority or its designated agent information containing the account number, customer's name and monthly water consumption, of water customers of the Water Company located in the service area of, and provided sanitary sewer service by, Sewer Authority. This information will be provided by electronic means or by paper copy delivered either to Sewer Authority or such billing agent as Sewer Authority shall direct. The charge to Sewer Authority for providing the above information will be twenty cents ($0.20) per customer of Sewer Authority for each billing period of the Water Company and twenty cents ($0.20) per customer for each final reading in case of discontinuance of service.

2. Billing for the above items will be on a monthly basis commencing on or about _____ 1, 2023, and payment shall be made to the Water Company by Sewer Authority or its designated agent within fifteen (15) days after date of invoice. If the Sewer Authority's designated agent fails to make timely payment of any invoice, Water Company shall notify Sewer Authority and Sewer Authority shall pay the invoice, or cause it to be paid, within five (5) business days of receipt of the notice. If said payments are in arrears more than sixty (60) days, or an arrearage of more than $1,000 is accrued, Water Company shall not furnish any further data until payment is made of the then outstanding amount.

3. In furnishing the above information to Sewer Authority or the designated agent, the Water Company agrees to observe the same diligence, policy and procedure as is used by Water Company in its water service accounts. Sewer Authority is aware that, in handling and providing such a large amount of information for Sewer Authority, errors are inevitable, and Sewer Authority agrees to hold harmless the Water Company from any liability for errors in the furnishing of the requested information.

4. The initial term of this Agreement shall be for a period beginning on or about _____ 1, 2023, and terminating _____ 1, 2025, at which time this Agreement shall automatically renew from year to year thereafter for successive terms of 12 consecutive months (January 1 through December 31), each, at a price determined by the Water Company and given to Sewer Authority at least sixty (60) days prior to December 31 each year. Either party may terminate this Agreement by giving the other party one hundred eighty (180) days advance written notice.

5. Pursuant to the provisions of W.Va. Code §24-2-12, this Agreement, and any amendments thereto shall not become effective until receipt of a final order of the Public Service Commission of West Virginia.

IN WITNESS WHEREOF, the parties hereto have caused their respective names to be signed hereto by their respective officers, thereunto duly authorized.

CHARLES TOWN UTILITY BOARD

By _____
Kristen Stolipher, Utility Manager

Contact Phone No. 304-725-2316

WEST VIRGINIA-AMERICAN WATER COMPANY

By _____
Robert Burton, President

STATE OF WEST VIRGINIA,
COUNTY OF _____, to-wit:

I, _____, a notary public in and for said County and State do hereby certify that Kristen Stolipher personally appeared before me in my said County and being by me duly sworn did depose and say that she is currently serving as Utility Manager of the Charles Town Utility Board, that she is duly authorized to execute this Agreement and that this Agreement was signed and sealed on behalf of the Charles Town Utility Board by its authority, duly given, and that said writing is hereby acknowledged to be the contract and agreement of said Charles Town Utility Board.

Given under my hand this ___ day of _____, 2023.

My commission expires _____.

_____
Notary Public

STATE OF WEST VIRGINIA
COUNTY OF KANAWHA, To-wit:

I, _____, a notary public in and for said County and State do hereby certify that Robert Burton personally appeared before me in my said County and being by me duly sworn did depose and say that he is the President of West Virginia-American Water Company, that he is duly authorized by said Company to execute this Agreement and that this Agreement was signed and sealed by him on behalf of said Company by its authority, duly given, and that said writing is hereby acknowledged to be the contract and agreement of said Company.

Given under my hand this ___ day of _____, 2023.

My commission expires _____.

_____
Notary Public

Charles Town
Utility Board
661 S. George Street, Suite 101 Charles Town, WV 25414
Phone: (304) 725-2316 ♦ Fax: (304) 725-7150 ♦ Web: www.ctubwv.com

MEMORANDUM TO THE BOARD OF DIRECTORS

FROM: Kristen Stolipher, Utility General Manager
SUBJECT: Utility General Manager's Report
DATE: September 13, 2023

ADMINISTRATIVE

- Customer Counts
  - Sewer 8,524
  - Water 6,607

WATER

- Lead and Copper Inventory on-going

SEWER

- Renewal and Replacement Project – update attached
- Final basin cleaning – Week of September 11th

Location	Lot Number	CIF Date Paid	Number of Sewer EDUs	Sewer CIF Amount Paid	Number of Water EDU's	Water CIF Amount Paid
800 N Mildred Street		1/6/2023	0.4	$ 1,172.00	0.4	$ 1,759.60
Shenandoah Springs	5, 6	1/10/2023	2	$ 9,110.00		
Beckwith/Shutter		1/10/2023	4	$ 11,720.00	4	$ 17,596.00
Norborne Glebe	T015-T021, T068-T074	1/20/2023	14	$ 41,020.00	14	$ 61,586.00
Aspen Greens	75	1/20/2023	1	$ 2,930.00		
Lennar	1-4	1/20/2023	4	$ 18,220.00		
Tate Manor	75-80	1/26/2023	6	$ 17,580.00	6	$ 26,394.00
Tate Manor	70-74	1/26/2023	5	$ 14,650.00	6	$ 21,995.00
Norborne Glebe	T022-T034	2/9/2023	13	$ 38,090.00	13	$ 57,187.00
Huntfield	322-328	2/8/2023	7	$ 20,510.00	7	$ 30,793.00
Aspen Greens	51, 70, 83	2/8/2023	3	$ 8,790.00		
Huntfield	554-558	2/9/2023	5	$ 14,650.00	5	$ 21,995.00
Aspen Greens	69	2/22/2023	1	$ 2,930.00		
Aspen Greens	48	2/23/2023	1	$ 2,930.00		
Huntfield	625	2/24/2023	1	$ 2,930.00	1	$ 4,399.00
Huntfield	376	2/28/2023	1	$ 2,930.00	1	$ 4,399.00
Aspen Greens	50	3/3/2023	1	$ 2,930.00		
Norborne Glebe	253-259	3/3/2023	7	$ 20,510.00	7	$ 30,793.00
Norborne Glebe	T035-T041, T055-T060	3/3/2023	13	$ 38,090.00	13	$ 57,187.00
Huntfield	893-897	3/13/2023	5	$ 14,650.00	5	$ 21,995.00
Aspen Greens	53, 71	3/14/2023	2	$ 5,860.00		
Magnolia Springs	188-194	3/14/2023	7	$ 20,510.00		
Beallair	215	3/14/2023	1	$ 2,930.00		
Presidents Pointe	97-104	3/14/2023	8	$ 36,440.00		
Inferno Brewery	13	3/15/2023	4.03	$ 18,356.65		
Norborne Glebe	T042-T054, T061-T067	3/21/2023	20	$ 58,600.00	20	$ 87,980.00
Huntwell West	1,5,6,7	3/21/2023	4	$ 11,720.00		
Huntwell West	3,4,8,9,10	3/22/2023	5	$ 14,650.00		
Washington Landing 700,800,900		3/24/2023			35.5	$ 91,464.00
Aspen Greens	67, 72, 81	3/28/2023	3	$ 8,790.00		
Huntfield	469	3/28/2023	1	$ 2,930.00	1	$ 4,399.00
Beallair	216, 232, 303	3/28/2023	3	$ 8,790.00		
Aspen Greens	55	3/30/2023	1	$ 2,930.00		
Presidents Pointe	105-108	3/31/2023	4	$ 18,220.00		
169 Euclid Ave - detached garage		4/3/2023	1	$ 2,930.00	1	$ 4,399.00
Huntfield	364	4/7/2023	1	$ 2,930.00	1	$ 4,399.00
Huntfield	897-904	4/7/2023			8	$ 35,192.00
Tate Manor	53-58	4/7/2023	6	$ 17,580.00	6	$ 26,394.00
Huntwell West	11	4/10/2023	1	$ 2,930.00		
Aspen Greens	54	4/13/2023	1	$ 2,930.00		
Aspen Greens	68	4/18/2023	1	$ 2,930.00		
Beallair	54, 225	4/21/2023	2	$ 5,860.00		
Presidents Pointe	109-116	4/25/2023	8	$ 36,440.00		
Huntfield	451-456	4/25/2023	6	$ 17,580.00	6	$ 26,394.00
Huntfield	374	4/26/2023	1	$ 2,930.00	1	$ 4,399.00
Magnolia Springs	188-197	4/28/2023			10	$ 43,990.00
Magnolia Springs	195-197	4/28/2023	3	$ 8,790.00		
Magnolia Springs	258-268, 273-288	4/28/2023	27	$ 79,110.00	27	$ 118,773.00
Magnolia Springs	897-904	4/28/2023	8	$ 23,440.00		
Aspen Greens	52, 58	5/3/2023	2	$ 5,860.00		
Huntfield	437-440	5/3/2023	4	$ 11,720.00	4	$ 17,596.00
E 7th Ave, Parcel 141 Townhomes (1 existing)	A&B	5/3/2023	1	$ 2,930.00	1	$ 4,399.00
W Burr Park	16	5/4/2023	4.09	$ 13,127.00		
Beallair	208	5/5/2023	1	$ 2,930.00		
Presidents Pointe	117-122	5/12/2023	6	$ 27,330.00		
Beallair	224	5/16/2023	1	$ 2,930.00		
Huntfield	446-450	5/16/2023	5	$ 14,650.00	5	$ 21,995.00
West Burr		5/18/2023	0.3	$ 879.00		
Huntfield	441-444	5/19/2023	4	$ 11,720.00	4	$ 17,596.00
Charles Town Road	17, 19	5/22/2023	2	$ 5,860.00	2	$ 8,798.00
Aspen Greens	57, 63, 66	5/24/2023	3	$ 8,790.00		
Beallair	211, 226	5/24/2023	2	$ 5,860.00		
Jefferson Avenue	10	5/24/2023	1	$ 2,930.00	1	$ 4,399.00
Presidents Pointe	123-126	5/26/2023	4	$ 18,220.00		
Joshua Freeway Blvd	11	5/29/2023	0.8	$ 3,644.00		
Aspen Greens	74	6/6/2023	1	$ 2,930.00		
Huntfield	342-348	6/6/2023	7	$ 20,510.00	7	$ 30,793.00
Aspen Greens	56	6/7/2023	1	$ 2,930.00		
Huntfield	347A	6/7/2023			1	$ 4,399.00
Samuel Station	24-29	6/7/2023	6	$ 17,580.00	6	$ 26,394.00
Huntfield	347A	6/8/2023	1	$ 2,930.00		
Huntfield	470	6/16/2023	1	$ 2,930.00	1	$ 4,399.00
Aspen Greens	61, 64	6/21/2023	2	$ 5,860.00		
Huntfield	778	6/23/2023	1	$ 2,930.00	1	$ 4,399.00
Beallair	204	6/27/2023	1	$ 2,930.00		
Norborne Glebe	14, 19, 23-26, 29, 33	6/28/2023	8	$ 23,440.00	8	$ 35,192.00
Aspen Greens	62	7/7/2023	1	$ 2,930.00		
Huntfield	327A	7/7/2023	1	$ 2,930.00	1	$ 4,399.00
Beallair	227	7/11/2023	1	$ 2,930.00		
Shenandoah Springs	206-227, 28-34	7/11/2023	29	$ 132,095.00		
Presidents Pointe	135-140	7/14/2023	6	$ 27,330.00		
Presidents Pointe	255-261	7/14/2023	7	$ 31,885.00		
Presidents Pointe	262-266	7/14/2023	5	$ 22,775.00		
Washington Landing	900, 1000, 1100	7/18/2023			24.95	$ 64,272.00
Aspen Greens	60, 65	7/24/2023	2	$ 5,860.00		
Huntfield	468, 472	7/25/2023	2	$ 5,860.00	2	$ 8,798.00
S. Seminary Street	2	7/27/2023	1	$ 2,930.00	1	$ 4,399.00
Huntfield	360	8/1/2023	1	$ 2,930.00	1	$ 4,399.00
Magnolia Springs	201-203,251-257,269-272,289-290	8/7/2023	16	$ 46,880.00	16	$ 70,384.00
Aspen Greens	59	8/22/2023	1	$ 2,930.00		
Huntfield	459	8/22/2023	1	$ 2,930.00	1	$ 4,399.00
Presidents Pointe	141-143, 162-164, 8	8/24/2023	7	$ 31,885.00		
Norborne Glebe	100-124	8/28/2023	25	$ 73,250.00	25	$ 109,975.00
Huntfield	458	8/30/2023	1	$ 2,930.00	1	$ 4,399.00
Beallair	66, 206	8/31/2023	2	$ 5,860.00		
Presidents Pointe	249-254	8/31/2023	6	$ 27,330.00		
		Total	**408.62**	$ 1,362,248.65	**312.85**	$ 1,261,644.60

Charles Town Utility Board
2023 Capacity Improvement Fee Collections/EDU for Sewer

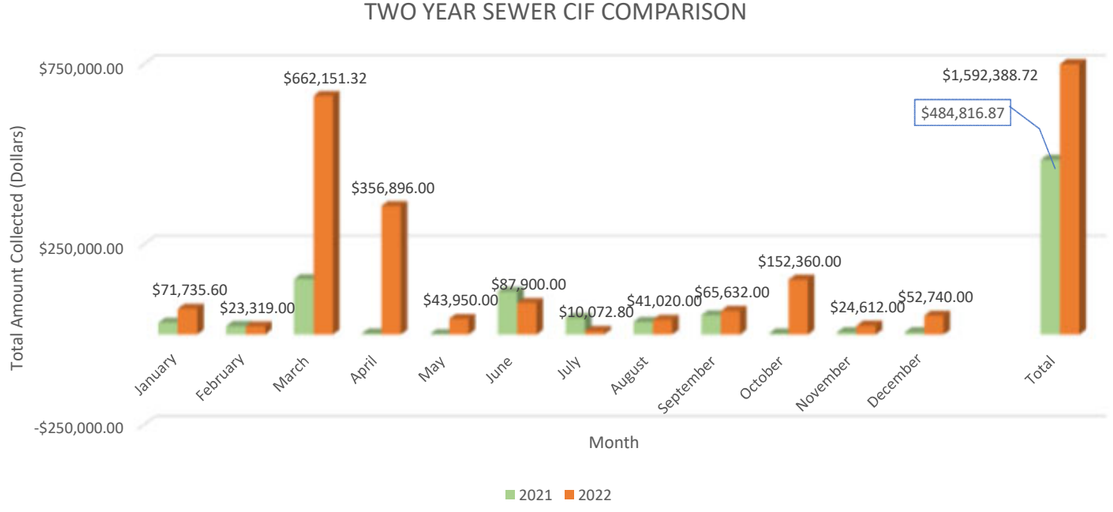
Month	Commercial	Residential	Total Number of EDU's	Total Sewer CIF Collected	CIF Paid to Ranson	Total
Jan-23		36.4	36.4	$ 116,402.00	$ 9,750.00	$ 106,652.00
Feb-23		32	32	$ 93,760.00		$ 93,760.00
Mar-23	4.03	85	89.03	$ 286,906.65	$ 26,048.75	$ 260,857.90
Apr-23		66	66	$ 206,380.00	$ 13,000.00	$ 193,380.00
May-23	5.19	36	41.19	$ 139,380.00	$ 17,550.00	$ 122,805.00
Jun-23		29	29	$ 84,970.00		$ 84,970.00
Jul-23		55	55	$ 237,525.00	$ 76,375.00	$ 161,150.00
Aug-23		60	60	$ 196,925.00	$ 21,125.00	$ 175,800.00
Sep-23						$ -
Oct-23						$ -
Nov-23						$ -
Dec-23						$ -
Total 2023	**9.22**	**339.4**	**408.62**	**$ 1,362,248.65**	**$ 163,848.75**	**$ 1,199,374.90**

Charles Town Utility Board
2023 Capacity Improvement Fee Collections/EDU for Water

Month	Commercial	Residential	Total Number of EDU's	Total Water CIF
Jan-23		30.4	30.4	$ 129,330.60
Feb-23		27	27	$ 118,773.00
Mar-23		81.5	81.5	$ 293,818.00
Apr-23		60	60	$ 263,940.00
May-23		17	17	$ 74,783.00
Jun-23		24	24	$ 105,576.00
Jul-23	24.95	4	28.95	$ 81,868.00
Aug-23		44	44	$ 193,556.00
Sep-23				
Oct-23				
Nov-23				
Dec-23				
Total 2023	**24.95**	**287.9**	**312.85**	**$ 1,261,644.60**

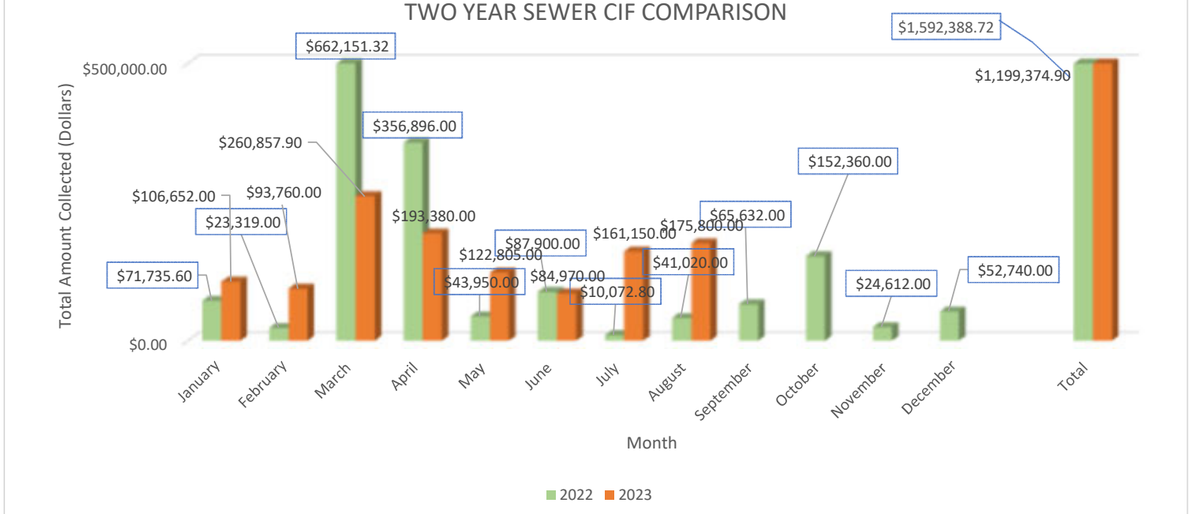
Charles Town Utility Board
2022 Capacity Improvement Fee Collections/EDU for Sewer

Month	Commercial	Residential	Total Number of EDU's	Total Sewer CIF Collected	CIF Paid to Ranson	Total
Jan-22	1.53	29.03	30.56	$ 71,735.60		$ 71,735.60
Feb-22		17	17	$ 23,319.00		$ 23,319.00
Mar-22	146.59	34	180.59	$ 662,151.32		$ 662,151.32
Apr-22		129	129	$ 389,396.00	$ 32,500.00	$ 356,896.00
May-22		15	15	$ 43,950.00		$ 43,950.00
Jun-22		30	30	$ 87,900.00		$ 87,900.00
Jul-22	0.04	3	3.04	$ 10,072.80		$ 10,072.80
Aug-22		14	14	$ 41,020.00		$ 41,020.00
Sep-22	0.4	22	22.4	$ 90,007.00	$ 24,375.00	$ 65,632.00
Oct-22	0	52	52	$ 175,110.00	$ 22,750.00	$ 152,360.00
Nov-22	0	8	8.4	$ 24,612.00		$ 24,612.00
Dec-22	0	18	18	$ 52,740.00		$ 52,740.00
Total 2022	**1.97**	**301**	**519.99**	**$1,672,013.72**	**$79,625.00**	**$1,592,388.72**



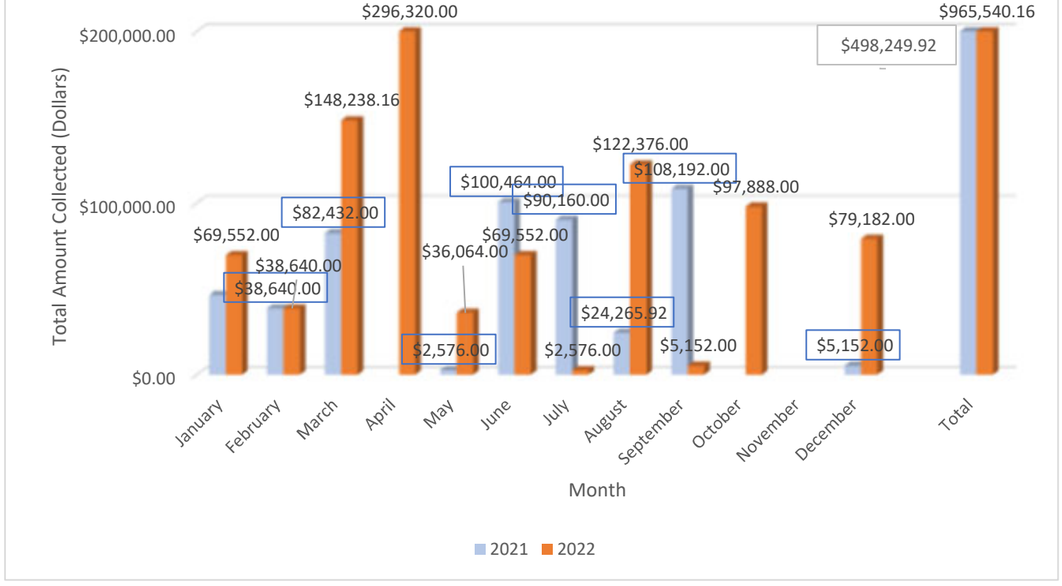
Charles Town Utility Board
2023 Capacity Improvement Fee Collections/EDU for Sewer

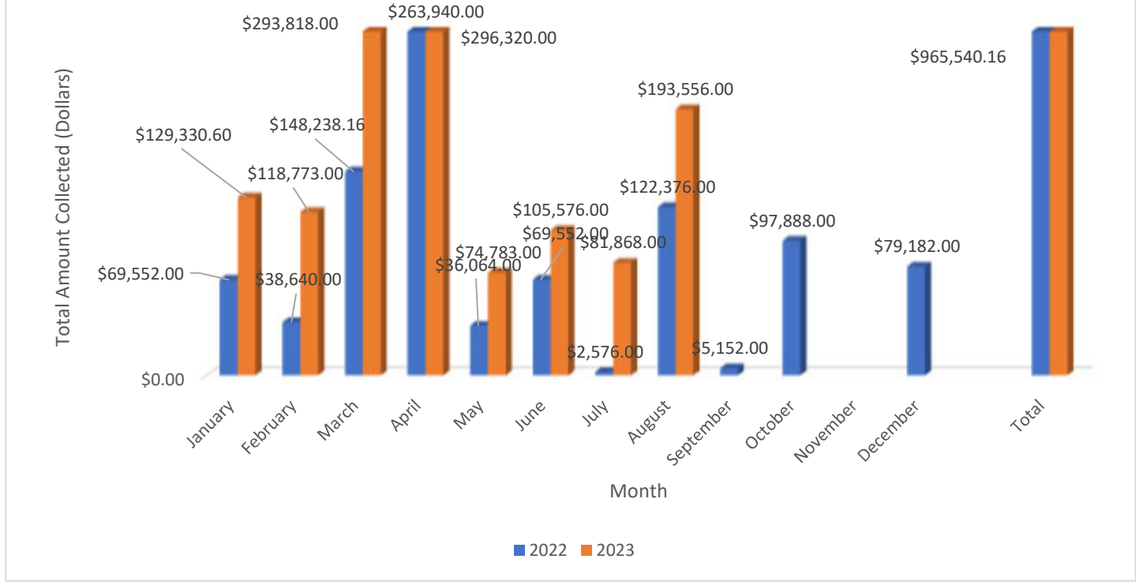
Month	Commercial	Residential	Total Number of EDU's	Total Sewer CIF Collected	CIF Paid to Ranson	Total
Jan-23		36.4	36.4	$ 116,402.00	$ 9,750.00	$ 106,652.00
Feb-23		32	32	$ 93,760.00		$ 93,760.00
Mar-23	4.03	85	89.03	$ 286,906.65	$ 26,048.75	$ 260,857.90
Apr-23		66	66	$ 206,380.00	$ 13,000.00	$ 193,380.00
May-23	5.19	36	41.19	$ 139,380.00	$ 17,550.00	$ 122,805.00
Jun-23		29	29	$ 84,970.00		$ 84,970.00
Jul-23		55	55	$ 237,525.00	$ 76,375.00	$ 161,150.00
Aug-23		60	60	$ 196,925.00	$ 21,125.00	$ 175,800.00
Sep-23						
Oct-23						
Nov-23						
Dec-23						
Total 2023	**9.22**	**339**	**408.62**	**$1,362,248.65**	**$163,848.75**	**$1,199,374.90**



Charles Town Utility Board 2022 Capacity Improvement Fee Collections/EDU for Water				
Month	**Commercial**	**Residential**	**Total Number of EDU's**	**Total Water CIF**
Jan-22		27	27	$ 69,552.00
Feb-22		15	15	$ 38,640.00
Mar-22	39.35	30	69.35	$ 148,238.16
Apr-22	23.03	92	115.03	$ 296,320.00
May-22		14	14	$ 36,064.00
Jun-22		27	27	$ 69,552.00
Jul-22		1	1	$ 2,576.00
Aug-22	36	12	47.5	$ 122,376.00
Sep-22		2	2	$ 5,152.00
Oct-22	0	38	38	$ 97,888.00
Nov-22	0	0	0	
Dec-22	0	18	18	$ 79,182.00
Total 2022	**97.88**	**238**	**373.88**	**$ 965,540.16**

2023 Capacity Improvement Fee Collections/EDU for Water				
Month	**Commercial**	**Residential**	**Total Number of EDU's**	**Total Water CIF**
Jan-22		30.4	30.4	$ 129,330.60
Feb-22		27	27	$ 118,773.00
Mar-22		81.5	81.5	$ 293,818.00
Apr-22		60	60	$ 263,940.00
May-22		17	17	$ 74,783.00
Jun-22		24	24	$ 105,576.00
Jul-22	24.95	4	28.95	$ 81,868.00
Aug-22		44	44	$ 193,556.00
Sep-22				
Oct-22				
Nov-22				
Dec-22				
Total 2023	**24.95**	**288**	**312.85**	**$ 1,261,644.60**





CHARLES TOWN UTILITY BOARD
WASTEWATER TREATMENT PLANT FLOW DATA

CHARLES TOWN WASTEWATER PLANT FLOW DATA						
YEAR	Total Design (MGD)	TOTAL ANNUAL FLOW (MG)	AVERAGE DAILY (MGD)	Total Design minus Average Daily (MGD)	Total Available (gpd)	Total Available (EDU's)
2015	1.75	384	1.05	0.7	700,000	4,667
2016	1.75	419	1.14	0.61	610,000	4,067
2017	1.75	393	1.08	0.67	670,000	4,467
2018	1.75	491	1.34	0.41	410,000	2,733
2019	1.75	459	1.26	0.49	490,000	3,267
2020	1.75	419.7	1.15	0.60	603,333	4,022
2021	1.75	401.61	1.11	0.64	637,500	4,250
2022	1.75	387.15	1.06	0.69	687,500	4,583
2023	1.75	247.07	1.03	0.72	721,250	4,808

TUSCAWILLA WASTEWATER PLANT FLOW DATA						
YEAR	Total Design (MGD)	TOTAL ANNUAL FLOW (MG)	AVERAGE DAILY (MGD)	Total Design minus Average Daily (MGD)	Total Available (gpd)	Total Available (EDU's)
2015	0.5	48	0.13	0.37	370,000	2,467
2016	0.5	49	0.13	0.37	370,000	2,467
2017	0.5	48	0.14	0.36	360,000	2,400
2018	0.5	78	0.21	0.29	290,000	1,933
2019	0.5	55.24	0.15	0.35	350,000	2,333
2020	0.5	1.09	0.16	0.34	340,000	2,267
2021	0.5	32.55	0.10	0.40	400,833	2,672
2022	0.5	62.8	0.17	0.33	328,333	2,189
2023	0.5	54.42	0.23	0.28	275,000	1,833

Total EDU's available between CT and Tuscawilla	
2015	7,133
2016	6,533
2017	6,867
2018	4,667
2019	5,600
2020	6,289
2021	6,922
2022	6,772
2023	6,642

Legend:
MGD= Million gallons per day
MG=million gallons
gpd= gallons per day
EDU= Equivalent Dwelling Unit (150 gpd)

2021		
	Total (MG)	AVERAGE (MG)
JANUARY	35.83	1.22
FEBRUARY	32.98	1.18
MARCH	36.39	1.17
APRIL	34.33	1.18
MAY	33.24	1.07
JUNE	36.24	1.21
JULY	30.99	1.00
AUGUST	29.94	0.97
SEPTEMBER	36.36	1.17
OCTOBER	29.97	0.97
NOVEMBER	30.12	1.00
DECEMBER	35.22	1.21
Annual Total	401.61	1.11

2022		
	Total (MG)	AVERAGE (MG)
JANUARY	37.25	1.20
FEBRUARY	33.8	1.21
MARCH	33.28	1.07
APRIL	32.98	1.1
MAY	35.86	1.16
JUNE	29.9	1.00
JULY	29.78	0.96
AUGUST	30.19	1.01
SEPTEMBER	29.62	0.96
OCTOBER	29.02	0.94
NOVEMBER	30.09	1.00
DECEMBER	35.38	1.14
Annual Total	387.15	1.06

2023		
	Total (MG)	AVERAGE (MG)
JANUARY	36.55	1.21
FEBRUARY	28.96	1.03
MARCH	30.46	1.02
APRIL	29.52	0.98
MAY	30.78	0.99
JUNE	29.64	0.99
JULY	31.2	1.01
AUGUST	29.96	1.00
SEPTEMBER		
OCTOBER		
NOVEMBER		
DECEMBER		
Annual Total	247.07	1.03

2021		
	Total (MG)	AVERAGE (MG)
JANUARY	0.52	0.07
FEBRUARY	2.22	0.08
MARCH	4.22	0.14
APRIL	1.12	0.04
MAY	0.89	0.03
JUNE	3.37	0.11
JULY	3.9	0.13
AUGUST	3.6	0.12
SEPTEMBER	4.53	0.15
OCTOBER	3.94	0.13
NOVEMBER	3.73	0.12
DECEMBER	0.51	0.07
Annual Total	32.55	0.10

2022		
	Total (MG)	AVERAGE (MG)
JANUARY	0	0
FEBRUARY	0	0
MARCH	4.34	0.14
APRIL	4.68	0.16
MAY	6.03	0.19
JUNE	6.21	0.21
JULY	6.48	0.21
AUGUST	7.01	0.23
SEPTEMBER	7.11	0.24
OCTOBER	7.27	0.23
NOVEMBER	6.94	0.23
DECEMBER	6.73	0.22
Annual Total	62.8	0.17

2023		
	Total (MG)	AVERAGE (MG)
JANUARY	7.3	0.24
FEBRUARY	6.38	0.23
MARCH	6.41	0.21
APRIL	6.13	0.20
MAY	6.30	0.20
JUNE	6.89	0.23
JULY	7.31	0.24
AUGUST	7.7	0.25
SEPTEMBER		
OCTOBER		
NOVEMBER		
DECEMBER		
Annual Total	54.42	0.225

CHARLES TOWN UTILITY BOARD
WATER TREATMENT PLANT FLOW DATA

CHARLES TOWN WATER PLANT FLOW DATA						
YEAR	Total Design (MGD)	TOTAL ANNUAL FLOW (MG)	AVERAGE DAILY (MGD)	Total Design minus Average Daily (MGD)	Total Available (gpd)	Total Available (EDU's)
2019	2.8	644.32	1.77	1.03	1,034,980	6,900
2020	2.8	615.64	1.68	1.12	1,117,946	7,453
2021	2.8	601.87	1.64	1.16	1,164,627	7,764
2022	2.8	588.97	1.60	1.20	1,204,163	8,028
2023	2.8	406.13	1.10	1.70	1,695,437	11,303

2021		
	Total (MG)	AVERAGE (MG)
JANUARY	50,030,727	1,613,894
FEBRUARY	45,304,029	1,618,001
MARCH	50,881,983	1,641,354
APRIL	49,098,224	1,636,607
MAY	53,910,537	1,739,050
JUNE	53,051,728	1,711,346
JULY	53,198,248	1,716,073
AUGUST	54,959,872	1,772,899
SEPTEMBER	49,200,580	1,587,115
OCTOBER	49,336,781	1,591,509
NOVEMBER	45,777,260	1,476,686
DECEMBER	47,118,143	1,519,940
Annual Total	601,868,112	1,635,373

2022		
	Total (MG)	AVERAGE (MG)
JANUARY	47,918,736	1,545,766
FEBRUARY	43,703,896	1,560,853
MARCH	48,063,482	1,550,435
APRIL	47,294,978	1,525,644
MAY	49,834,352	1,607,560
JUNE	49,111,936	1,584,256
JULY	51,919,787	1,674,832
AUGUST	51,872,384	1,673,303
SEPTEMBER	50,844,952	1,640,160
OCTOBER	50,572,280	1,631,364
NOVEMBER	47,643,899	1,536,900
DECEMBER	50,188,260	1,618,976
Annual Total	588,968,942	1,595,837

2023		
	Total (MG)	AVERAGE (MG)
JANUARY	50,324,969	1,623,386
FEBRUARY	44,512,256	1,589,723
MARCH	51,243,776	1,653,025
APRIL	49,507,092	1,597,003
MAY	51,882,496	1,673,629
JUNE	51,245,216	1,653,071
JULY	53,546,017	1,727,291
AUGUST	53,866,467	1,737,628
SEPTEMBER		0
OCTOBER		0
NOVEMBER		0
DECEMBER		0
Annual Total	406,128,289	1,104,563

GLEN HAVEN WATER PLANT FLOW DATA						
YEAR	Total Design (MGD)	TOTAL ANNUAL FLOW (MG)	AVERAGE DAILY (MGD)	Total Design minus Average Daily (MGD)	Total Available (gpd)	
2020	0.0216	1.04	0.01	0.01	13,120	
2021	0.0216	3.06	0.01	0.01	13,213	-
2022	0.0216	2.70	0.01	0.01	14,335	-
2023	0.0216	0.00	0.00	0.02	21,600	-

2021		
	Total (MG)	AVERAGE (MG)
JANUARY	242,200	7,813
FEBRUARY	203,500	7,268
MARCH	241,800	8,636
APRIL	262,300	8,743
MAY	289,700	9,345
JUNE	276,500	8,919
JULY	302,900	9,771
AUGUST	302,900	9,771
SEPTEMBER	227,800	7,348
OCTOBER	285,100	9,197
NOVEMBER	227,200	7,329
DECEMBER	201,500	6,500
Annual Total	3,063,400	8,387

2022		
	Total (MG)	AVERAGE (MG)
JANUARY	204,300	6,590
FEBRUARY	178,600	5,761
MARCH	191,200	6,168
APRIL	222,000	7,161
MAY	237,300	7,655
JUNE	286,600	9,245
JULY	301,600	9,729
AUGUST	262,800	8,477
SEPTEMBER	221,600	7,148
OCTOBER	236,700	7,635
NOVEMBER	215,200	6,942
DECEMBER	144,500	4,661
Annual Total	2,702,400	7,265

2023		
	Total (MG)	AVERAGE (MG)
JANUARY	233,300	7,526
FEBRUARY	184,300	5,945
MARCH	218,200	7,039
APRIL	234,800	7,574
MAY	264,800	8,542
JUNE	268,900	8,674
JULY	325,100	10,487
AUGUST	281,300	9,074
SEPTEMBER		0
OCTOBER		0
NOVEMBER		0
DECEMBER		0
Annual Total	2,010,700	5,405

CAVALAND WATER PLANT FLOW DATA						
YEAR	Total Design (MGD)	TOTAL ANNUAL FLOW (MG)	AVERAGE DAILY (MGD)	Total Design minus Average Daily (MGD)	Total Available (gpd)	
2020	0.036	0.59	0.00	0.03	31,210	
2021	0.036	1.91	0.01	0.03	30,766	
2022	0.036	0.00	0.00	0.03	31,041	
2023	0.036	0.00	0.00	0.04	36,000	

2021		
	Total (MG)	AVERAGE (MG)
JANUARY	150,900	4,868
FEBRUARY	132,900	4,746
MARCH	145,800	5,207
APRIL	152,900	5,097
MAY	177,900	5,739
JUNE	159,000	5,129
JULY	169,600	5,471
AUGUST	177,300	5,719
SEPTEMBER	175,600	5,665
OCTOBER	176,000	5,677
NOVEMBER	151,200	4,877
DECEMBER	143,000	4,613
Annual Total	1,912,100	5,234

2022		
	Total (MG)	AVERAGE (MG)
JANUARY	150,100	4,842
FEBRUARY	127,200	4,103
MARCH	130,300	4,203
APRIL	141,600	4,568
MAY	145,000	4,677
JUNE	155,500	5,016
JULY	173,500	5,597
AUGUST	167,200	5,394
SEPTEMBER	138,500	4,468
OCTOBER	144,300	4,655
NOVEMBER	145,300	4,687
DECEMBER	226,300	7,300
Annual Total	1,844,800	4,959

2023		
	Total (MG)	AVERAGE (MG)
JANUARY	134,900	4,352
FEBRUARY	122,700	3,958
MARCH	140,000	4,516
APRIL	143,100	4,616
MAY	153,400	4,948
JUNE	166,200	5,361
JULY	166,400	5,368
AUGUST	170,400	5,497
SEPTEMBER		0
OCTOBER		0
NOVEMBER		0
DECEMBER		0
Annual Total	1,197,100	3,218

Legend:
MGD= Million gallons per day
MG=million gallons
gpd= gallons per day
EDU= Equivalent Dwelling Unit (150 gpd)

CHARLES TOWN UTILITY BOARD
GD&F ENGINEER'S REPORT
SEPTEMBER 13, 2023

Charles Town Wastewater Treatment Plant Improvements (R&R Project)

- The Contractor (Alvarez) completed pouring all floor slabs in the new centrifuge building and the generator pad. They set the new digester blowers in place and continued with piping, valve and diffuser installation at digester. The new electrical building walls and insulation are complete. S&S has completed 95% of the electrical ductbank installation. Alvarez assisted CTUB with cleaning out 2 of 3 SBR basins.
- The Contractor plans to complete the masonry walls for the Centrifuge Building and set the new centrifuge in place this coming month. They also plan to complete all equipment and piping installation at the digester and begin new UV system mechanical installation. CTUB plans to clean out the final SBR basin.
- The current contract times for final completion is September of 2024. Alvarez reported that per their most recent project schedule, the anticipated final completion date is October 8, 2024, meaning that have made up time on the schedule.
- There have been several credits and change order additions which were made part of Change Order No. 3. Chris E. will provide a brief review of each change during the meeting.
- GD&F RPR, Dave Gustkey, continues to be present on site full time and coordinate efforts between Alvarez, CTUB, Specialized and City building inspector personnel.
- GD&F has received 121 submittals to date, all of which have been reviewed and returned. O&M manuals are currently being submitted. 41 requests for information (RFI's) have been answered and 12 Work Change Directives have been issued.
- The next Progress Meeting is scheduled for October 5.
- Alvarez submitted Application for Payment No. 11 in the amount of $299,834.06. This Application has been reviewed and approved by GD&F.
- See below for construction progress photos.

Charles Town Water Plant Intake VFD Project

- S&S has completed the wiring and conduit portion of the new VFDs. They are currently waiting on delivery and installation of the new telemetry system (several electrical components are still a few months out).

EPA Administrative Order

- GD&F has been assisting CTUB as needed with compliance reports, scheduling and project updates in regard to the EPA Administrative Order. Nothing new to report.

Kings Crossing Sewer Tie-in at Water Plant

- GD&F completed the mechanical piping modification drawings inside the existing sludge pump building. GD&F has sized a new duplex grinder pump station for the existing water treatment plant and is working on preparing drawings and specifications.

Engineering Proposals

- GD&F submitted engineering proposals to CTUB regarding Canter Hollow and Greenfield sewer projects.



New Centrifuge Building (left-center)



New Digester Blower Piping, Diffusers and Telescoping Valve

GD&F
GWIN
DOBSON &
FOREMAN
ENGINEERS

CHARLES TOWN UTILITY BOARD
WATER FUND
FISCAL YEAR 2024 CAPITAL EXPENDITURE REPORT
As of September 13, 2023

CAPITAL EXPENDITURE DISBURSEMENT REPORT

DATE	BUDGET LINE ITEM	AMOUNT	DESCRIPTION
FY 2023	WTP RIVER INTAKE VFD	$ 82,419.30	GDF - VFD PROJECT INVOICE NO. 1
8/2/2023	FLEET TRUCKS & EQUIPMENT	$ 54,910.00	2023 FORD F-350 (MAINT DEPT)
8/9/2023	FLEET TRUCKS & EQUIPMENT	$ 14,853.32	JD 17G MINI ESCAVATOR
9/13/2023	FLEET TRUCKS & EQUIPMENT	$ 29,900.00	2023 FORD EXPLORER
TOTAL		**$ 182,082.62**	

CAPITAL EXPENDITURE BUDGET VS. ACTUAL

BUDGET LINE ITEM	BUDGET	FY 2023	AS OF 9/13/2023	BUDGET REMAINING
ASSET MANAGEMENT SOFTWARE IMPLEMENTATION	35,000.00	-	-	35,000.00
BILLING & ACCOUNTING SOFTWARE IMPLEMENTATION	25,000.00	-	-	25,000.00
FLEET TRUCKS & EQUIPMENT	150,000.00	-	(99,663.32)	50,336.68
VALVE MAINTENANCE TRAILER	100,000.00	-	-	100,000.00
SAFETY EQUIPMENT	50,000.00	-	-	50,000.00
METER REPLACEMENT	150,000.00	-	-	150,000.00
WTP RIVER INTAKE VFD INSTALLATION	232,900.00	(82,419.30)	-	150,480.70
TOTAL CAPITAL EXPENDITURE BUDGET	**$ 742,900.00**	**$ (82,419.30)**	**$ (99,663.32)**	**$ 560,817.38**

CHARLES TOWN UTILITY BOARD
SEWER FUND
FISCAL YEAR 2024 CAPITAL EXPENDITURE REPORT
As of September 13, 2023

CAPITAL EXPENDITURE DISBURSEMENT REPORT

DATE	BUDGET LINE ITEM	AMOUNT	DESCRIPTION
8/3/2023	FLEET TRUCKS & EQUIPMENT	$ 60,119.00	2022 FORD F-250 (SEWER DEPT)
8/9/2023	FLEET TRUCKS & EQUIPMENT	14,853.32	JD 17G MINI ESCAVATOR
9/13/2023	OFFICE STANDARD FLEET	20,000.00	2023 FORD EXPLORER
TOTAL		**$ 94,972.32**	

CAPITAL EXPENDITURE BUDGET VS. ACTUAL

BUDGET LINE ITEM	BUDGET	DISBURSEMENTS AS OF 9/13/2023	BUDGET REMAINING
ASSET MANAGEMENT SOFTWARE IMPLEMENTATION	35,000.00	-	35,000.00
BILLING & ACCOUNTING SOFTWARE IMPLEMENTATION	25,000.00	-	25,000.00
FLEET TRUCKS & EQUIPMENT	80,000.00	(74,972.32)	5,027.68
STANDARD WORK FLEET	60,000.00	-	60,000.00
OFFICE STANDARD FLEET	20,000.00	(20,000.00)	-
REPLACEMENT PUMPS	100,000.00	-	100,000.00
MANHOLE SUPPLIES FOR REHAB	75,000.00	-	75,000.00
PUMP STATION REPAIRS/REHABILITATION	200,000.00	-	200,000.00
COLLECTION SYSTEM REPAIRS/REHABILTATION	125,000.00	-	125,000.00
TOTAL CAPITAL EXPENDITURE BUDGET	**$ 720,000.00**	**$ (94,972.32)**	**$ 625,027.68**

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT

========== FUND TOTALS ==========	
50 WATER FUND	110,789.79
60 SEWER FUND	496,544.23
GRAND TOTAL:	607,334.02

TOTAL PAGES: 7

APPROVED BY: _____

APPROVED BY: _____

This Packet: $ 607,334.02

Charles Town Sewer R&R, check dated 8/23/23: 15,783.80

Charles Town Water R&R, check dated 8/23/23: 11,198.48

Total: $ 634,316.30

Note:

Highlighted are for the R&R Project;

Highlighted is for the Collection System Project

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT		AMOUNT
	PCARD 9146	SEWER FUND	SEWER		230.04
	PCARD 9146	SEWER FUND	SEWER		1,385.00
	PCARD 9146	SEWER FUND	SEWER		150.00
	PCARD 9146	SEWER FUND	SEWER		1,717.57
	PCARD 9146	SEWER FUND	SEWER		263.40
				TOTAL:	22,159.06
HD SUPPLY INC	GLOVES	SEWER FUND	SEWER		453.15
	HOSE, SORBENTSOCK	SEWER FUND	SEWER		1,650.40
	BOUNTY	SEWER FUND	SEWER		45.95
	GLOVES	SEWER FUND	SEWER		495.95
				TOTAL:	2,645.45
WAKEFIELD & ASSOCIATES INC	AUG COLLECTIONS	WATER FUND	WATER		180.40
	AUG COLLECTIONS	SEWER FUND	SEWER		180.41
	PSD AUG COLLECTIONS	SEWER FUND	SEWER		0.95
				TOTAL:	361.76
WASTE MANAGEMENT OF WEST VIRGINIA, INC	29-14111-13004	SEWER FUND	SEWER		1,085.77
				TOTAL:	1,085.77
WIRELESS NETWORKS GROUP, INC.	MISC SVCS, AUG	WATER FUND	WATER		7,300.00
				TOTAL:	7,300.00
WV BUREAU OF PUBLIC HEALTH	D.STAUBS CRTRNWL WWCLSS I,	SEWER FUND	SEWER		125.00
	B.CARPER CRTRNWL CLSS II,C	SEWER FUND	SEWER		150.00
				TOTAL:	275.00
WV DEPT OF TRANSPORTATION	DRIVING RECORD NEW EMPLOYE	WATER FUND	WATER		7.50
				TOTAL:	7.50
WV WATER DEVELOPMENT AUTHORITY	#2017-175 INFRSTRCTR FNDPR	SEWER FUND	NON-DEPARTMENTAL		758.10
				TOTAL:	758.10
WV ASSOC OF COUNTIES GROUP SELF-INSURA	QUARTERLY	WATER FUND	WATER		20,747.00
	QUARTERLY	SEWER FUND	SEWER		20,747.00
				TOTAL:	41,494.00

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
RAILROAD MGMT CO, IV LLC	RANSON, PIPE WATER LICENSE	WATER FUND	WATER	623.74
			TOTAL:	623.74
ROSS H BARE	HNTFLD PS: 400AMPXFRSWTCHI	SEWER FUND	SEWER	4,226.80
			TOTAL:	4,226.80
SHENANDOAH SALES & SERVICE, INC.	WATER VEHICLE SERVICE	WATER FUND	WATER	203.00
	WATER VEHICLE SERVICE	WATER FUND	WATER	156.46
	SEWER VEHICLE FP REMOVED	SEWER FUND	SEWER	285.49
	SEWER VEHICLE FP INSTLL	SEWER FUND	SEWER	296.40
	SEWER VEHICLE SERVICE	SEWER FUND	SEWER	175.97
			TOTAL:	1,117.32
SPRINT	MONTHLY CELL SERVICE	WATER FUND	WATER	350.23
	MONTHLY CELL SERVICE	SEWER FUND	SEWER	446.39
			TOTAL:	796.62
GERALD TAYLOR CO., INC.	PUMP / TRANSPORT	WATER FUND	WATER	473.02
	VAC / TRANSPORT	WATER FUND	WATER	3,753.12
	PUMP / TRANSPORT	WATER FUND	WATER	692.51
	PUMP / TRANSPORT	WATER FUND	WATER	783.07
	TRANSPORT	SEWER FUND	SEWER	419.76
	VAC LIFT STATIONS	SEWER FUND	SEWER	2,321.38
	TRANSPORT	SEWER FUND	SEWER	734.58
	TRANSPORT	SEWER FUND	SEWER	529.65
	BASIN CLEANING	SEWER FUND	SEWER	3,696.03
	VAC LIFT STATIONS	SEWER FUND	SEWER	4,303.43
			TOTAL:	17,706.55
THE CI THORNBURG CO, INC.	DUAL PORT METER TRANSCEIVE	WATER FUND	WATER	2,656.87
	OMNIV2 CERTIFIED TEST&RECA	WATER FUND	WATER	345.00
	CHLORINE	WATER FUND	WATER	2,745.00
	SRIITRPL100GPL/BTMELECTHSN	WATER FUND	WATER	6,442.41
	CHLORINE	WATER FUND	WATER	2,745.00
			TOTAL:	14,934.28
U.S. BANK	PCARD 9146	WATER FUND	NON-DEPARTMENTAL	6,110.45
	PCARD 9146	WATER FUND	WATER	1,062.16
	PCARD 9146	WATER FUND	WATER	45.69
	PCARD 9146	WATER FUND	WATER	118.77
	PCARD 9146	WATER FUND	WATER	201.39
	PCARD 9146	WATER FUND	WATER	256.09
	PCARD 9146	WATER FUND	WATER	908.64
	PCARD 9146	WATER FUND	WATER	814.75
	PCARD 9146	WATER FUND	WATER	479.66
	PCARD 9146	WATER FUND	WATER	12.79
	PCARD 9146	WATER FUND	WATER	294.69
	PCARD 9146	WATER FUND	WATER	88.16
	PCARD 9146	SEWER FUND	NON-DEPARTMENTAL	3,200.00
	PCARD 9146	SEWER FUND	SEWER	1,033.42
	PCARD 9146	SEWER FUND	SEWER	45.69
	PCARD 9146	SEWER FUND	SEWER	1,650.80
	PCARD 9146	SEWER FUND	SEWER	400.18
	PCARD 9146	SEWER FUND	SEWER	739.21
	PCARD 9146	SEWER FUND	SEWER	45.12
	PCARD 9146	SEWER FUND	SEWER	905.39

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
	107-000062	WATER FUND	NON-DEPARTMENTAL	82.03
	108-000067	WATER FUND	NON-DEPARTMENTAL	87.54
	201-000210	WATER FUND	NON-DEPARTMENTAL	24.38
	201-000220	WATER FUND	NON-DEPARTMENTAL	20.83
	202-000178	WATER FUND	NON-DEPARTMENTAL	93.23
	202-000184	WATER FUND	NON-DEPARTMENTAL	45.57
	203-000220	WATER FUND	NON-DEPARTMENTAL	18.54
	203-000650	WATER FUND	NON-DEPARTMENTAL	62.22
	204-000715	WATER FUND	NON-DEPARTMENTAL	26.68
	301-000005	WATER FUND	NON-DEPARTMENTAL	14.41
	301-000330	WATER FUND	NON-DEPARTMENTAL	97.30
	401-000553	WATER FUND	NON-DEPARTMENTAL	9.85
	402-000301	WATER FUND	NON-DEPARTMENTAL	47.65
	403-001238	WATER FUND	NON-DEPARTMENTAL	48.18
	501-000064	WATER FUND	NON-DEPARTMENTAL	33.47
	502-000034	WATER FUND	NON-DEPARTMENTAL	122.76
	504-500013	WATER FUND	NON-DEPARTMENTAL	30.89
	504-500017	WATER FUND	NON-DEPARTMENTAL	35.91
	504-500023	WATER FUND	NON-DEPARTMENTAL	8.28
	504-500070	WATER FUND	NON-DEPARTMENTAL	61.01
	504-500071	WATER FUND	NON-DEPARTMENTAL	63.28
	504-500074	WATER FUND	NON-DEPARTMENTAL	56.44
	504-500076	WATER FUND	NON-DEPARTMENTAL	110.08
	506-000525	WATER FUND	NON-DEPARTMENTAL	52.97
	701-002880	WATER FUND	NON-DEPARTMENTAL	47.80
	701-003250	WATER FUND	NON-DEPARTMENTAL	45.03
	702-002650	WATER FUND	NON-DEPARTMENTAL	44.84
	702-003590	WATER FUND	NON-DEPARTMENTAL	44.87
	705-000430	WATER FUND	NON-DEPARTMENTAL	44.28
	705-003380	WATER FUND	NON-DEPARTMENTAL	44.38
	707-000800	WATER FUND	NON-DEPARTMENTAL	10.62
			TOTAL:	2,092.89
LOGICAL CONCEPTS, INC	PS MONITORING 2023	SEWER FUND	SEWER	47.89
			TOTAL:	47.89
PACE ANALYTICAL SERVICES, LLC	TESTING: CTWTP	WATER FUND	WATER	87.90
	TESTING: TUSC WKLY	SEWER FUND	SEWER	135.80
	TESTING: CT MNTHLY	SEWER FUND	SEWER	273.50
	TESTING: TUSC MNTHLY	SEWER FUND	SEWER	408.50
	TESTING: CT WKLY	SEWER FUND	SEWER	225.70
	TESTING: CT WKLY	SEWER FUND	SEWER	225.70
	TESTING: TUSC WKLY	SEWER FUND	SEWER	135.80
	TESTING: TUSC WKLY	SEWER FUND	SEWER	135.80
			TOTAL:	1,628.70
PARKSON CORPORATION	FIELD SVC	SEWER FUND	SEWER	4,050.00
	FIELD SVC	SEWER FUND	SEWER	4,050.00
			TOTAL:	8,100.00
PRECISION PUMP & VALVE SERVICE, INC.	TWWTP ANNL PM BLWRS	SEWER FUND	SEWER	7,095.00
			TOTAL:	7,095.00
PUMPMAN PITTSBURGH	DSSHNDHLD,DSSMTRPRT,OXGNSN	SEWER FUND	SEWER	7,066.22
			TOTAL:	7,066.22

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT		AMOUNT
PROTOUCH COMMUNICATIONS, LLC	AUG SVCS: AFTER-HRS EMERGE	WATER FUND	WATER		78.09
	AUG SVCS: AFTER-HRS EMERGE	SEWER FUND	SEWER		78.08
				TOTAL:	156.17
INWOOD QUARRY, INC.	C1, I10, I8 PICKUPS: 8/21/	WATER FUND	WATER		607.17
	C1, I10, I8 PICKUPS: 8/21/	WATER FUND	WATER		607.17
	C1, I10, I8 PICKUPS: 8/21/	SEWER FUND	SEWER		620.85
				TOTAL:	1,835.19
IRON MOUNTAIN, INC	SHREDDING, STORAGE	WATER FUND	WATER		527.47
	SHREDDING, STORAGE	SEWER FUND	SEWER		527.47
				TOTAL:	1,054.94
JEFFERSON RENTALS	36" WIDE WALK BHND SKID LO	SEWER FUND	SEWER		385.22
				TOTAL:	385.22
JEFFERSON UTILITIES, INC	READINGS/SHUTOFFS	SEWER FUND	SEWER		1,314.80
				TOTAL:	1,314.80
KM ELECTRICAL SOLUTIONS LLC	S/C LH PULSAR SYS	SEWER FUND	SEWER		515.00
				TOTAL:	515.00
J.C. KUNKLE & ASSOCIATES, A.C.	PROFF SVCS: 7/01 - 8/31/23	WATER FUND	WATER		4,587.50
	PROFF SVCS: 7/01 - 8/31/23	SEWER FUND	NON-DEPARTMENTAL		425.00
	PROFF SVCS: 7/01 - 8/31/23	SEWER FUND	NON-DEPARTMENTAL		350.00
	PROFF SVCS: 7/01 - 8/31/23	SEWER FUND	SEWER		2,937.50
				TOTAL:	8,300.00
LONG FENCE INC	TEMP FNCNG MISC PRJCTS	WATER FUND	WATER		2,176.28
	TEMP FNCNG MISC PRJCTS	SEWER FUND	SEWER		2,176.28
				TOTAL:	4,352.56
METLIFE, INC	AD&D PAYABLE	WATER FUND	WATER		8.59
	LIFE PAYABLE	WATER FUND	WATER		41.59
	LTD PAYABLE	WATER FUND	WATER		283.58
	STD PAYABLE	WATER FUND	WATER		301.02
	AD&D PAYABLE	SEWER FUND	SEWER		10.01
	LIFE PAYABLE	SEWER FUND	SEWER		48.41
	LTD PAYABLE	SEWER FUND	SEWER		314.75
	STD PAYABLE	SEWER FUND	SEWER		337.54
				TOTAL:	1,345.49
MICRO-TECH DESIGNS, INC.	CTWWTP BLWR PLC TRBLSHT	SEWER FUND	SEWER		2,323.75
				TOTAL:	2,323.75
SECURITY DEPOSIT REFUNDS	101-000550	WATER FUND	NON-DEPARTMENTAL		58.96
	101-000960	WATER FUND	NON-DEPARTMENTAL		52.11
	102-000150	WATER FUND	NON-DEPARTMENTAL		13.04
	102-000555	WATER FUND	NON-DEPARTMENTAL		73.28
	102-000843	WATER FUND	NON-DEPARTMENTAL		77.06
	102-001015	WATER FUND	NON-DEPARTMENTAL		6.74
	102-001210	WATER FUND	NON-DEPARTMENTAL		51.28
	103-000985	WATER FUND	NON-DEPARTMENTAL		30.33
	105-001395	WATER FUND	NON-DEPARTMENTAL		108.05
	106-001095	WATER FUND	NON-DEPARTMENTAL		23.48
	106-001405	WATER FUND	NON-DEPARTMENTAL		63.24

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
			TOTAL:	3,728.92
CORE & MAIN	TATE MANOR- INVCD TO BUILD	WATER FUND	WATER	270.14
	SETTER	WATER FUND	WATER	629.18
	BALLCORP, SS BAND	WATER FUND	WATER	362.07
	SS TAP SLV CS FLG, VLV BOX	WATER FUND	WATER	3,555.86
	6X1/8 FLG ACC RR FF 304SS	WATER FUND	WATER	127.65
	MONITOR RING	SEWER FUND	SEWER	271.76
			TOTAL:	5,216.66
COYNE CHEMICAL	AMMNMSLFT40%NSF,CP-837,SDM	WATER FUND	WATER	5,906.58
	ZETAG 8868 FS	SEWER FUND	SEWER	10,225.89
			TOTAL:	16,132.47
CRYSTAL SPRINGS	MONTHLY SVC@ 661 & 842	WATER FUND	WATER	172.59
	MONTHLY SVC@ 661 & 842	SEWER FUND	SEWER	132.61
			TOTAL:	305.20
D.R. HORTON, INC.	SEWER UPSIZING PER AMEA	SEWER FUND	NON-DEPARTMENTAL	7,500.00
			TOTAL:	7,500.00
DENNIS SALES & SERVICE, INC	SUPERIORC12/SO2HI/LOPRESSE	WATER FUND	WATER	537.50
			TOTAL:	537.50
WV DEPT OF HEALTH & HUMAN SERVICES	BACTERIOLOGICAL TEST	WATER FUND	WATER	100.00
	BACTERIOLOGICAL TEST	WATER FUND	WATER	60.00
			TOTAL:	160.00
ENCOVA INSURANCE	INSTALLMENT	WATER FUND	WATER	1,459.64
	INSTALLMENT	SEWER FUND	SEWER	1,347.36
			TOTAL:	2,807.00
ERM & ASSOCIATES LLC	ESMNT ACQSTN 2023CLLCTNSYS	SEWER FUND	NON-DEPARTMENTAL	4,893.06
			TOTAL:	4,893.06
FERGUSON US HOLDINGS, INC	FLANGE	SEWER FUND	SEWER	131.19
			TOTAL:	131.19
FIDELITY ENGINEERING LLC	CTWWTP GENERATOR TRBLSHT	SEWER FUND	SEWER	902.00
			TOTAL:	902.00
FRONTIER COMMUNICATIONS	304-876-2120-111514-4	WATER FUND	WATER	114.19
	304-876-9970-121914-4	WATER FUND	WATER	114.19
			TOTAL:	228.38
GUTTMAN ENERGY	W/E 8/20/23	WATER FUND	WATER	731.67
	W/E 8/27/23	WATER FUND	WATER	515.91
	W/E 9/03/23	WATER FUND	WATER	1,047.31
	W/E 8/20/23	SEWER FUND	SEWER	1,006.52
	W/E 8/20/23	SEWER FUND	SEWER	39.10
	W/E 8/27/23	SEWER FUND	SEWER	1,446.86
	W/E 9/03/23	SEWER FUND	SEWER	1,451.58
			TOTAL:	6,238.95
HACH COMPANY	KTOCHEMKEY,KTOREAGENTSET,S	WATER FUND	WATER	2,259.40
			TOTAL:	2,259.40

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT		AMOUNT
3RD TIME TRUCKING	HAULING STONE	WATER FUND	WATER		297.57
	HAULING STONE	WATER FUND	WATER		297.57
	HAULING STONE	WATER FUND	WATER		364.39
	HAULING STONE	WATER FUND	WATER		364.38
	HAULING STONE	SEWER FUND	SEWER		286.86
				TOTAL:	1,610.77
WILLIAM HOAK	ASPHALT: 7/5/23	WATER FUND	WATER		3,410.00
	ASPHALT: 7/06/23	WATER FUND	WATER		1,240.00
	ASPHALT: 7/10/23	WATER FUND	WATER		2,170.00
	CONCRETE: 7/12/23	WATER FUND	WATER		2,450.00
	ASPHALT: 7/5/23	SEWER FUND	SEWER		6,375.00
	ASPHALT: 7/06/23	SEWER FUND	SEWER		8,070.00
	ASPHALT: 7/10/23	SEWER FUND	SEWER		3,660.00
	CONCRETE: 7/11/23	SEWER FUND	SEWER		2,520.00
	CONCRETE: 7/11/23	SEWER FUND	SEWER		3,780.00
	CONCRETE: 7/12/23	SEWER FUND	SEWER		3,675.00
				TOTAL:	37,350.00
ALS GROUP USA CORP	TESTING: GH	WATER FUND	WATER		1,140.32
	TESTING	WATER FUND	WATER		750.00
				TOTAL:	1,890.32
ALVAREZ CONTRACTORS, INC	WNDYS PS UPGRD	SEWER FUND	NON-DEPARTMENTAL		31,642.02
	WWTP PROJECT	SEWER FUND	NON-DEPARTMENTAL		299,834.06
				TOTAL:	331,476.08
AMERIGAS PROPANE LP	PROPANE: MOOSE	SEWER FUND	SEWER		175.60
	PROPANE: BEALLAIR	SEWER FUND	SEWER		691.86
	PROPANE: DEERFIELD	SEWER FUND	SEWER		212.88
	TANK RENTAL: SITE 5-1	SEWER FUND	SEWER		164.65
				TOTAL:	1,244.99
ANTIETAM ELECTRIAL CONTRACTORS, INC	CONDUIT@INTAKE, WTP SECCMR	WATER FUND	NON-DEPARTMENTAL		1,466.44
				TOTAL:	1,466.44
JP & RF BURNS PARTNERSHIP	AUG LOADS - 49	SEWER FUND	SEWER		8,771.00
				TOTAL:	8,771.00
CLAYTON SHICH	6" TAP - 515 E WASHINGTON	WATER FUND	WATER		650.00
				TOTAL:	650.00
CHAMPION INDUSTRIES, INC	PRINTING SVCS AUG	WATER FUND	WATER		1,272.00
	POSTAGE 4 PRINTING SVCS AU	WATER FUND	WATER		2,956.96
	PRINTING SVCS AUG	SEWER FUND	SEWER		1,271.99
	POSTAGE 4 PRINTING SVCS AU	SEWER FUND	SEWER		2,956.97
				TOTAL:	8,457.92
CITY NATIONAL BANK	LOCKBOX SVCS: AUG	WATER FUND	WATER		135.00
	LOCKBOX SVCS: AUG	SEWER FUND	SEWER		135.00
				TOTAL:	270.00
CITY OF CHARLES TOWN	JUL UTILITIES@ 661 S GEORG	WATER FUND	WATER		589.46
	SEP RENT@ 661 S GEORGE ST	WATER FUND	WATER		1,275.00
	JUL UTILITIES@ 661 S GEORG	SEWER FUND	SEWER		589.46
	SEP RENT@ 661 S GEORGE ST	SEWER FUND	SEWER		1,275.00