CHARLES TOWN UTILITY BOARD
AGENDA

WEDNESDAY, AUGUST 9, 2023

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

CALL TO ORDER

1. **APPROVAL OF MINUTES**
   a. Approval of July 26, 2023 Regular Meeting Minutes
      UB Minutes 2023.07.26.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/89192380877?pwd=YlB4MndJWHo4RGdaK2g4QkRJeWhVUT09

   Meeting ID: 891 9238 0877
   Passcode: 309012
   +1 301 715 8592 US

3. **UNFINISHED BUSINESS**
   a. Class Cost of Service - Additional Information, Recommendation and Implementation Schedule Discussion
      CTUB W&WW Avg Residential Bill Summary.pdf
      Water Preliminary Results - Options A-D.pdf

4. **NEW BUSINESS**
   a. Renewal and Replacement Project Resolution No. 10 - Contractor Pay Application No. 10
      Pay Application No. 10.pdf
   b. Locust Hill Utility Parcel Conveyance to HOA
      Locust Hill Conveyance.pdf

5. **MANAGER REPORTS**

a. Utility Manager Report
   UM Report 2023.08.09.pdf
   July_2023_Engineers_Report.pdf
b. Chairman Report

6. **APPROVAL OF BILLS**
   a. August 9, 2023
      Board Report 2023.08.09.pdf

7. **ADJOURNMENT**

8. **INFORMATION ONLY**
   a. Capital Expenditure Budget
      Capital Expenditure Board Report 2023.08.03.pdf
   b. Next Meeting - August 23, 2023 at 4:00 P.M.

Charles Town Utility Board
Regular Board Meeting
July 26, 2023

The Charles Town Utility Board held a regular meeting on July 26, 2023 at 4:00 P.M. Members of the Board present were Robert Trainor, Chairman; Duke Pierson, Vice Chairman; Tommy Stocks, Treasurer, and Heidi Parker, Board Member. Also present were Kristen Stolipher, Utility Manager; April Shultz, Assistant Utility Manager; Ashley Stottlemyer, Secretary; Robert Rodecker, Legal Counsel; and new County Commission Liaison, Patricia Jackson.

CALL TO ORDER

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

APPROVAL OF MINUTES

Approval of July 12, 2023 Regular Meeting Minutes

The Chairman called for changes or corrections to the June 12, 2023 regular meeting minutes.

Action: With no objections from the Board, the minutes were approved as presented.

PUBLIC COMMENT

The Board received a public comment from Elizabeth Ricketts.

NEW BUSINESS

RK&K – Collection System Project Update

Rhiannon Dodge from RK&K provided an update on the Collection System project. The schedule is still on track as originally drafted, going out to bid by the end of the year. Mrs. Stolipher mentioned the cost estimate should be finalized soon so the Board can review and discuss the funding schedule.

Action: No action required by the Board.

John Deere Mini Excavator Purchase and Trade

Mrs. Stolipher provided a quote to purchase a 2023 John Deere 17G Mini Excavator that both the water and sewer departments can utilize. She also mentioned a John Deere 320 Skid Steer would be traded in as part of this transaction leaving the total purchase $29,706.63. The Board had no objections. The Board previously approved the FY2024 Capital Expenditure Fund that included this equipment purchase under the vehicle purchases planned for the year. Mrs. Stolipher stated any future vehicle purchases for FY2024 will be pulled from this expenditure fund and a monthly report will be provided to the Board.

Action: No action required by the Board.

GDF – Task Order – WTP Process Solids, Recycle and Sanitary Forcemain Design

Mrs. Stolipher included a GDF Task Order to design, permit and bid the water treatment plant process solids, recycle and sanitary sewer forcemain project. Currently those solids are trucked to the wastewater plant. With the proposed Kings Crossing connection, that could convey the processed water plant solids to the wastewater plant as previously recommended to the Board. Chris Eckenrode from GDF provided a brief overview of the design for the 3-phase project.

Action: Motion made by Mr. Pierson, second by Mr. Stocks, the Board approved the GDF Task Order not to exceed $43,000.00 for the WTP Process Solids, Recycle and Sanitary Forcemain Design.

Gannett Fleming – Class Cost of Service Presentation

Greg Herbert from Gannett Fleming presented the class cost of service study results for both water and wastewater. Mr. Herbert reviewed various rate scenarios using different gallon minimums. All the options

move the Charles Town, former Ranson and former PSD rates into one rate structure for both residential and non-residential customers. John Kunkle, CTUB Accountant, was in the audience to answer questions from the Board. Mr. Herbert will draft another schedule to summarize the water and sewer rate changes per scenario. The Board will take time to review the options and bring back at a later meeting to draft a recommendation for City Council acceptance and approval.

Action: No action required by the Board.

MANAGER REPORTS

Utility Manager Report

Mrs. Stolipher briefed the Board on this month's sewer and water efforts including the continuing efforts of hydrant repairs and the PSC General Investigation for inspecting fire hydrants. She also thanked staff for the efforts put forth to maintain operations at the wastewater plant after last the storm.

Action: No action required by the Board.

Chairman Report

The Chairman had no updates.

Action: No action required by the Board.

Mrs. Parker had a question about whether the Halltown Paperboard was going to be converted into a wastewater treatment plant. Mrs. Stolipher mentioned the old Halltown Paperboard facility has a wastewater plant onsite and she had initial discussions with the owner and DEP when the facility closed months ago to connect to the CTUB system. She has not heard anything since that time.

APPROVAL OF BILLS

July 12, 2023

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

INFORMATION ONLY

The next regular meeting is scheduled for Wednesday, August 9, 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 5:28 P.M.

_____ _____

Robert M. Trainor
Chairman

Ashley Stottlemyer
Secretary

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 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.)				
City and Ranson Residential Customer	Water	3,300	$ 34.09	$ 42.44	$ 8.35	24.5%
City 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%**

		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
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 A1 - 2,000 GALLON MINIMUM Revenues, Proposed Rates Amount	Percent	Amount	Percent Increase	OPTION B - 1,000 GALLON MINIMUM Revenues, Proposed Rates Amount	Percent	Amount	Percent Increase
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Residential	$ 3,078,519	67.0%	$ 2,663,438	67.4%	$ 3,091,474	67.3%	428,036	16.1%	$ 3,091,981	67.3%	428,543	16.1%	$ 3,095,048	67.4%	431,611	16.2%
Commercial	1,280,466	27.9%	1,131,033	28.6%	1,308,721	28.5%	177,688	15.7%	1,308,186	28.5%	177,154	15.7%	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%	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	16.1%	$ 4,591,408	100.0%	$ 637,515	16.1%	$ 4,591,245	100.0%	$ 637,351	16.1%
Other Revenues	143,000		143,000		143,000				143,000				143,000			
Total	$ 4,734,554		$ 4,096,893		$ 4,734,435				$ 4,734,408				$ 4,734,245			

Customer Classification	COST OF SERVICE Amount (Schedule B)	Percent	CURRENT RATES Revenues, Present Rates Amount	Percent	OPTION C - 1,500 GALLON MINIMUM Revenues, Proposed Rates Amount	Percent	Amount	Percent Increase	OPTION D - 1,500 GALLON MINIMUM, NO SECOND BLOCK Revenues, Proposed Rates Amount	Percent	Amount	Percent Increase
(1)	(2)	(3)	(4)	(5)	(14)	(15)	(16)	(17)	(14)	(15)	(16)	(17)
Residential	$ 3,078,519	67.0%	$ 2,663,438	67.4%	$ 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%	1,303,790	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%
Total Sales	$ 4,591,554	100.0%	$ 3,953,893	100.0%	$ 4,590,486	100.0%	$ 636,593	16.1%	$ 4,591,541	100.0%	$ 637,648	16.1%
Other Revenues	143,000		143,000		143,000				143,000			
Total	$ 4,734,554		$ 4,096,893		$ 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 A1 - 2,000 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	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%	2,000	34.72	6.83	24.49%	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%	2,000	42.44	8.35	24.49%	1,000	45.34	11.25	33.01%	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%	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%	10,350	6,912.43	1,358.93	24.47%	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%	2,000	3,511.70	646.30	22.56%	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%	17,400	2,746.70	593.80	27.58%	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%	34,350	2,648.88	477.47	21.99%	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%	34,350	2,359.05	465.25	24.57%	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%	64,130	2,129.41	443.81	26.33%	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%	17,400	1,896.70	437.80	30.01%	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%	34,350	1,628.88	290.28	21.68%	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%	2,000	1,556.70	287.50	22.65%	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.

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CHARLES TOWN UTILITY BOARD
SUMMARY OF USAGE BLOCK ANALYSIS

	FOR ALL RATE OPTIONS					OPTION A			OPTION A1			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	No. of Bills	Percent of Bills <Min.	Proposed Minimum
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(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	22,804	34.23%	2,000	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%		9,904	53.34%		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	9,095	53.75%	2,000	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	46	63.89%	3,000	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	321	49.23%	5,000	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	171	54.11%	10,350	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	250	48.45%	17,400	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	13	21.67%	34,350	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	8	26.67%	64,130	-	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 A1 - RATE EQUALIZATION WITH 2,000 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)	Percent	Revenues, Present Rates Amount	Percent	Revenues, Proposed Rates Amount	Percent	Proposed Increase Amount	Percent Increase
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Residential	$ 3,078,519	67.0%	$ 2,663,438	67.4%	$ 3,091,981	67.3%	$ 428,543	16.1%
Commercial	$ 1,280,466	27.9%	1,131,033	28.6%	1,308,186	28.5%	177,154	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%	4,591,408	100.0%	637,515	16.1%
Other Revenues	143,000		143,000		143,000		-	0.0%
Total	$ 4,734,554		$ 4,096,893		$ 4,734,408		$ 637,515	15.6%

CHARLES TOWN UTILITY BOARD
OPTION D - RATE EQUALIZATION PROPOSED 2,000 GALLON MINIMUM, ELIMINATE SECOND USAGE BLOCK
COMPARISON OF PRESENT AND PROPOSED RATES

	2022/2023 Rates	2023/2024 Rates	Proposed Minimum By Meter Size (gallons)
Charles Town and Race Track			
Minimum Charges - 2,500 gals. ==> 2,000 gals.			
5/8-inch and 5/8 x 3/4-inch	$ 25.83	$ 25.72	2,000
3/4-inch	38.74	38.58	3,000
1-inch	64.57	64.30	5,000
1 1/2-inch	129.14	133.10	10,350
2-inch	206.62	208.30	17,400
3-inch	387.42	390.85	34,350
4-inch	645.70	719.51	64,130
6-inch	1,291.40	1,352.16	138,560
Consumption Charges (per 1000 gallons)			
First 10,000 gallons	$ 10.330	12.860	
Next 30,000 gallons	8.790	10.770	
Over 40,000 gallons	6.940	8.500	
PNGI Contract Rate (All Consumption)	$ 4.860	$ 5.830	
Jefferson County			
Minimum Charges - 2,500 gals. ==> 2,000 gals.	$ 47.10	$ -	
5/8-inch and 5/8 x 3/4-inch		25.72	2,000
3/4-inch		38.58	3,000
1-inch		64.30	5,000
1 1/2-inch		133.10	10,350
2-inch		208.30	17,400
3-inch		390.85	34,350
4-inch		719.51	64,130
6-inch		1,352.16	138,560
Consumption Charges (per 1000 gallons)			
First 5,000 gallons	$ 18.840	$ -	
Over 5,000 gallons	17.640	-	
First 10,000 gallons		$ 12.860	
Next 30,000 gallons		10.770	
Over 40,000 gallons		8.500	
Bulk Water Rate		8.500	

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	$ 42.44	$ 8.35	24.49%
Non-Residential at 5,600 gallons	57.85	72.02	14.17	24.49%
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	$ 42.44	$ (19.73)	-31.74%
Non-Residential at 5,600 gallons	104.78	72.02	(32.77)	-31.27%

CHARLES TOWN UTILITY BOARD
OPTION A1 - 2,000 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	$ 25.72	$ (0.11)	-0.41%	1.41%
1,000	25.83	25.72	(0.11)	-0.41%	13.83%
2,000	25.83	25.72	(0.11)	-0.41%	34.23%
2,700 *	27.89	34.72	6.83	24.49%	49.58%
3,000	30.99	38.58	7.59	24.49%	55.57%
3,300 **	34.09	42.44	8.35	24.49%	66.71%
4,000	41.32	51.44	10.12	24.49%	72.77%
5,000	51.65	64.30	12.65	24.49%	83.65%
6,000	61.98	77.16	15.18	24.49%	90.24%
7,000	72.31	90.02	17.71	24.49%	93.98%
8,000	82.64	102.88	20.24	24.49%	96.21%
9,000	92.97	115.74	22.77	24.49%	97.49%
10,000	103.30	128.60	25.30	24.49%	98.24%
11,000	112.09	140.42	28.33	25.27%	98.75%
12,000	120.88	151.19	30.31	25.07%	99.06%
13,000	129.67	161.96	32.29	24.90%	99.29%
14,000	138.46	172.73	34.27	24.75%	99.43%
15,000	147.25	183.50	36.25	24.61%	99.54%
20,000	191.20	237.35	46.15	24.13%	99.78%
30,000	279.10	345.05	65.95	23.63%	99.89%
40,000	367.00	453.88	86.88	23.67%	99.94%
50,000	436.40	538.88	102.48	23.48%	99.97%
60,000	505.80	623.88	118.08	23.35%	99.99%

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

CHARLES TOWN UTILITY BOARD
OPTION A1 - 2,000 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	$ 25.72	$ (0.11)	-0.41%	3.60%
1,000	25.83	25.72	(0.11)	-0.41%	21.33%
1,909 *	25.83	25.72	(0.11)	-0.41%	50.20%
2,000	25.83	25.72	(0.11)	-0.41%	53.75%
3,000	30.99	38.58	7.59	24.49%	78.96%
4,000	41.32	51.44	10.12	24.49%	86.17%
5,000	51.65	64.30	12.65	24.49%	95.09%
5,600 **	57.85	72.02	14.17	24.49%	96.11%
6,000	61.98	77.16	15.18	24.49%	96.51%
7,000	72.31	90.02	17.71	24.49%	97.52%
8,000	82.64	102.88	20.24	24.49%	98.00%
9,000	92.97	115.74	22.77	24.49%	98.44%
10,000	103.30	128.60	25.30	24.49%	98.69%
11,000	112.09	141.46	29.37	26.20%	98.91%
12,000	120.88	152.23	31.35	25.93%	99.06%
13,000	129.67	163.00	33.33	25.70%	99.18%
14,000	138.46	173.77	35.31	25.50%	99.30%
15,000	147.25	184.54	37.29	25.32%	99.47%
20,000	191.20	238.39	47.19	24.68%	99.72%
30,000	279.10	346.09	66.99	24.00%	99.86%
40,000	367.00	456.06	89.06	24.27%	99.91%
50,000	436.40	541.06	104.66	23.98%	99.95%
60,000	505.80	626.06	120.26	23.78%	99.96%
70,000	575.20	711.06	135.86	23.62%	99.98%
100,000	783.40	966.06	182.66	23.32%	99.99%
200,000	1,477.40	1,816.06	338.66	22.92%	100.00%

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

CHARLES TOWN UTILITY BOARD
OPTION A1 - 2,000 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	$ 25.72	$ (21.38)	-45.39%	1.60%
1,000	47.10	25.72	(21.38)	-45.39%	15.56%
2,000	47.10	25.72	(21.38)	-45.39%	35.93%
3,000	56.52	38.58	(17.94)	-31.74%	59.64%
3,600 *	67.82	46.30	(21.53)	-31.74%	71.49%
4,000	75.36	51.44	(23.92)	-31.74%	76.22%
5,000	94.20	64.30	(29.90)	-31.74%	85.02%
6,000	111.84	77.16	(34.68)	-31.01%	88.87%
7,000	129.48	90.02	(39.46)	-30.48%	93.24%
8,000	147.12	102.88	(44.24)	-30.07%	95.78%
9,000	164.76	115.74	(49.02)	-29.75%	96.95%
10,000	182.40	128.60	(53.80)	-29.50%	97.96%
11,000	200.04	141.46	(58.58)	-29.28%	98.76%
12,000	217.68	152.23	(65.45)	-30.07%	99.05%
13,000	235.32	163.00	(72.32)	-30.73%	99.35%
14,000	252.96	173.77	(79.19)	-31.31%	99.49%
15,000	270.60	184.54	(86.06)	-31.80%	99.64%
20,000	358.80	238.39	(120.41)	-33.56%	99.93%
30,000	535.20	346.09	(189.11)	-35.33%	99.99%
40,000	711.60	456.06	(255.54)	-35.91%	99.99%
50,000	888.00	541.06	(346.94)	-39.07%	99.99%
60,000	1,064.40	626.06	(438.34)	-41.18%	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	8.790	12.460	
Over 40,000 gallons	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. ==> 1,500 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)	Percent	Revenues, Present Rates Amount	Percent	Revenues, Proposed Rates Amount	Percent	Proposed Increase Amount	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. ==> 1,500 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.

CHARLES TOWN UTILITY BOARD
2022 RENEWAL AND REPLACEMENT PROJECT

RESOLUTION NO. 10

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. 10 as summarized below, is hereby authorized and directed.

Vendor	**Renewal and Replacement Project at the Charles Town Wastewater Treatment Facility**
Alvarez Contractors, Inc.	$883,714.54
Total	**$883,714.54**

ADOPTED BY the City of Charles Town Utility Board, at the meeting held on the 9th day of August 2023.

By: _____
Robert Trainor, Interim Chairman

EJCDC
ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE

Contractor's Application for Payment No. 10

To (Owner): CHARLES TOWN UTILITY BOARD	Application Period: 7/01/23-7/31/23	Application Date: 7/31/2023
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)	$	$4,759,495.39
5. RETAINAGE:		
a. 5% X $3,542,102.99 Work Completed	$	$177,105.15
b. 5% X $1,217,392.40 Stored Material	$	$60,869.62
c. Total Retainage (Line 5.a + Line 5.b)	$	$237,974.77
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c)	$	$4,521,520.62
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)	$	$3,637,806.08
8. AMOUNT DUE THIS APPLICATION	$	$883,714.54
9. BALANCE TO FINISH, PLUS RETAINAGE (Column G total on Progress Estimates + Line 5.c above)	$	$6,168,842.37

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: 7/31/2023

Payment of: $ $883,714.54
(Line 8 or other - attach explanation of the other amount)

is recommended by: _____ 7/28/2023
(Engineer) (Date)

Payment of: $ $883,714.54
(Line 8 or other - attach explanation of the other amount)

is approved by: _____
(Owner) (Date)

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

EJCDC® C-620 Contractor's Application for Payment
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Progress Estimate - Lump Sum Work

Contractor's Application

For (Contract):	CHARLES TOWN WASTEWATER TREATMENT PLANT IMPROVEMENTS PROJECT	Application Number:	10
Application Period:	7/01/23-7/31/23	Application Date:	7/31/2023

			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	$9,720.00	$540.00	$0.00	$10,260.00	57.0%	$7,740.00
5	D1 - QC Testing (Cash Allowance)	$50,000.00	$15,500.00	$1,500.00	$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	$16,080.00	$20,100.00	$0.00	$36,180.00	90.0%	$4,020.00
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	$7,790.00	$410.00	$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	$4,335.00	$765.00	$0.00	$5,100.00	100.0%	$0.00
25	D2 - Generator Pad	$5,200.00	$1,300.00	$1,300.00	$0.00	$2,600.00	50.0%	$2,600.00
	BACKFILL (MAJOR STRUCTURES)							
26	D2 - Centrifuge Building	$42,300.00	$29,610.00	$2,115.00	$0.00	$31,725.00	75.0%	$10,575.00
	STRUCTURAL STONE							
27	D2 - Centrifuge Building	$13,400.00	$0.00	$5,360.00	$0.00	$5,360.00	40.0%	$8,040.00
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
31	D2 - Blower Pad	$1,500.00	$1,350.00	$150.00	$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:	10
Application Period:	7/01/23-7/31/23	Application Date:	7/31/2023

			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	$0.00	$5,871.20	$7,126.20	28.4%	$17,973.80
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	$0.00	$0.00	$5,880.00	35.0%	$10,920.00
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	$12,375.00	$825.00	$0.00	$13,200.00	80.0%	$3,300.00
39	D2 - 4" PVC Drain from Centrifuge Bldg. to Manhole	$15,200.00	$11,400.00	$760.00	$0.00	$12,160.00	80.0%	$3,040.00
40	D2 - 6" DIP Existing System Connection to New T-Valve	$16,700.00				$0.00		$16,700.00
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	$0.00	$0.00	$9,810.00	90.0%	$1,090.00
	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		$5,700.00
	DIVISION 3 - CONCRETE							
	SITE CONCRETE							
49	D3 - Generator Pad	$10,100.00				$0.00		$10,100.00
50	D3 - FRP Shelter Pad	$9,400.00	$0.00	$9,400.00	$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	$0.00	$3,000.00	$0.00	$3,000.00	100.0%	$0.00
	COVERED SLUDGE STORAGE AREA & CENTRIFUGE BLDG							
60	D3 - Footings, Grade Beams & Walls	$162,000.00	$129,600.00	$32,400.00	$0.00	$162,000.00	100.0%	$0.00
61	D3 - Thickened SOG at Trench Drains	$22,200.00				$0.00		$22,200.00
62	D3 - 6" SOG at 2 - Areas	$49,700.00				$0.00		$49,700.00
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:	10
Application Period:	7/01/23-7/31/23	Application Date:	7/31/2023

			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	$55,360.00	$13,840.00	$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
	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:	10
Application Period:	7/01/23-7/31/23	Application Date:	7/31/2023

			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	$0.00	$3,890.00	$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		$5,700.00
	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	$95,400.00	$47,700.00	$0.00	$143,100.00	90.0%	$15,900.00
104	D11 - Washer/Compactor w/Controls	$85,600.00	$51,360.00	$25,680.00	$0.00	$77,040.00	90.0%	$8,560.00
105	D11 - Grit Removal System w/Controls	$262,000.00	$26,200.00	$196,500.00	$30,693.00	$253,393.00	96.7%	$8,607.00
	EXISTING DIGESTER							
106	D11 - Digester Aeration & Mixing System w/Controls	$670,000.00	$67,000.00	$0.00	$518,850.00	$585,850.00	87.4%	$84,150.00
	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:	10
Application Period:	7/01/23-7/31/23	Application Date:	7/31/2023

			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	$7,020.00	$49,140.00	$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	$0.00	$25,049.25	$25,049.25	28.9%	$61,750.75
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	$0.00	$42,480.00	$0.00	$42,480.00	90.0%	$4,720.00
121	D15 - Headworks Bldg. - Sch 80 PVC Drains	$9,000.00				$0.00		$9,000.00
122	D15 - Ex. Digester Bldg. Mixing Sys. Air Comp. Room - 2" SS Air Pip	$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	$0.00	$38,700.00	$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	$0.00	$15,600.00	$0.00	$15,600.00	80.0%	$3,900.00
126	D15 - Ex. Digester Tank - Pipe Penetrations to Tank by Mack Ind.	$15,700.00	$0.00	$15,700.00	$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	$25,060.00	$7,160.00	$0.00	$32,220.00	90.0%	$3,580.00
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	$0.00	$1,670.00	$0.00	$1,670.00	10.0%	$15,030.00
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	$68,670.00	$13,080.00	$0.00	$81,750.00	50.0%	$81,750.00
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	$58,443.00	$33,396.00	$0.00	$91,839.00	33.0%	$186,461.00
139	D16 - Gear - Labor	$60,900.00	$3,045.00	$3,045.00	$0.00	$6,090.00	10.0%	$54,810.00

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Progress Estimate - Lump Sum Work

Contractor's Application

For (Contract):	CHARLES TOWN WASTEWATER TREATMENT PLANT IMPROVEMENTS PROJECT	Application Number:	10
Application Period:	7/01/23-7/31/23	Application Date:	7/31/2023

			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		$5,600.00
143	D16 - Devices - Labor	$7,300.00				$0.00		$7,300.00
144	D16 - Boxes/Troughs - Material	$101,900.00	$25,475.00	$15,285.00	$0.00	$40,760.00	40.0%	$61,140.00
145	D16 - Boxes/Troughs - Labor	$59,900.00	$14,975.00	$8,985.00	$0.00	$23,960.00	40.0%	$35,940.00
146	D16 - SCADA Equipment Install - Labor	$25,800.00				$0.00		$25,800.00
147	D16 - Conduit - Material	$380,500.00	$159,810.00	$72,295.00	$0.00	$232,105.00	61.0%	$148,395.00
148	D16 - Conduit - Labor	$634,000.00	$240,920.00	$31,700.00	$0.00	$272,620.00	43.0%	$361,380.00
149	D16 - Cable - Material	$487,600.00	$34,132.00	$0.00	$0.00	$34,132.00	7.0%	$453,468.00
150	D16 - Cable - Labor	$358,000.00	$25,060.00	$0.00	$0.00	$25,060.00	7.0%	$332,940.00
151	D16 - Grounding - Material	$12,000.00	$1,800.00	$360.00	$0.00	$2,160.00	18.0%	$9,840.00
152	D16 - Grounding - Labor	$20,700.00	$3,105.00	$621.00	$0.00	$3,726.00	18.0%	$16,974.00
153	D16 - Temporary Electric	$53,500.00	$24,075.00	$6,420.00	$0.00	$30,495.00	57.0%	$23,005.00
	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	$0.00	$41,179.57	$0.00	$41,179.57	100.0%	$0.00
	SubTotal	**$10,690,362.99**	**$2,779,051.42**	**$763,051.57**	**$1,217,392.40**	**$4,759,495.39**	**44.5%**	**$5,930,867.60**

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Stored Material Summary

Contractor's Application

For (Contract):	CHARLES TOWN WASTEWATER TREATMENT PLANT IMPROVEMENTS PROJECT							Application Number:	10		
Application Period:	7/01/23-7/31/23							Application Date:	7/31/2023		
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			$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	7/2023	$103,465.00	$30,693.00
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	$181,597.50			$181,597.50
				Totals		**$1,494,079.33**	**$208,393.50**	**$1,702,472.83**		**$485,080.43**	$1,217,392.40

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CITCO WATER

Invoice

INVOICE DATE	INVOICE NUMBER
07/06/2023	S100198279.005

REMIT TO:
CITCO Water
P.O. Box 632059
CINCINNATI, OH 45263

PAGE NO.: 1 of 1

BILL TO:

ALVAREZ CONTRACTORS INC.
P O BOX 555
OAKLAND, MD 21550

SHIP TO:

ALVAREZ CONTRACTORS INC.
CHARLES TOWN WWTP
842 SOUTH GEORGE STREET
CHARLES TOWN, WV 25414

CUSTOMER NUMBER	CUSTOMER PO NUMBER	JOB NAME / RELEASE NUMBER	SALESPERSON
24115	VALVES	12500 item 166	WV Contractor

WRITER	SHIP VIA	TERMS	SHIP DATE	ORDER DATE
Scott Sagraves	ROUTE 68 EAST	NET 30 DAYS	07/06/2023	10/05/2022

ORDER QTY	SHIP QTY	DESCRIPTION	UNIT PRICE	EXT PRICE
3ea	3ea	3" MILLIKEN 601 FLG PLUG VALVE W/ 27" STAINLESS STEEL EXTENDED BONNET CL OF VALVE TO BASE OF ACTUATOR AND OPEN CLOSE EMO	8932.000/ea	26796.00

07-06-2023 01:31:35 PM
S100198279.005

Jack Alveraz

Invoice is due by 08/05/2023

Past Due invoices may be subject to 1.50% late charge.
Effective June 1, 2022, CITCO Water is updating its ACH/wire instructions as outlined below. Please continue to send all remittance

PLEASE BE ADVISED THAT EFFECTIVE APRIL 1, 2021, CITCO Water IS CHANGING OUR POLICY ON ACCEPTING PAYMENTS BY USE OF A CREDIT CARD. PAYMENTS AT TIME OF DELIVERY WILL BE ACCEPTED WITH NO CREDIT CARD FEE. ALL OTHER PAYMENTS WITH A CREDIT CARD WILL BE CHARGED A 3.5% FEE IN ADDITION TO THE PAYMENT AMOUNT.
FOR QUESTIONS, PLEASE CALL 1-800-999-3484.

Subtotal	26796.00
S&H Charges	0.00
Tax	0.00
Payments	0.00
Amount Due	26796.00

Printed By: KLAKRY on 7/7/2023 4:35:18 PM

SM July

EnviroMix Inc.
701 E Bay St Ste 502
Charleston, SC 29403 US
+1 8438132028
accounting@enviro-mix.com
www.enviro-mix.com

Invoice

BILL TO
Alvarez Contractors, Inc
Attn: Katie Alvarez
PO Box 555
Oakland, MD 21550

SHIP TO
Alvarez Contractors
3436 Patterson Mtn. Rd
Spring Dale, WV 25986

INVOICE #	DATE	TOTAL DUE	DUE DATE	TERMS	ENCLOSED
6183.07	07/21/2023	$163,437.75	08/20/2023	Net 30	

P.O. NUMBER
11995

DATE	ACTIVITY	QTY	RATE	AMOUNT
	Aeration Blowers	1	181,597.50	181,597.50
	Retainage Retainage	1	-18,159.75	-18,159.75

SUBTOTAL	163,437.75
TAX	0.00
TOTAL	163,437.75
BALANCE DUE	**$163,437.75**

Date: August 9, 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 6/1/2022-11/7/2022	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	$ 769,319.84	$ 673,483.46	$ 432,539.77	$ 883,714.54	$ 6,127,662.80
b. Construction Contingency 5% - (See note #2 below)	$ 466,370.43																				$ 466,370.43
c. Change Order #1 (See note #3 & #4 below)	$ 498,183.42																$ 298,910.00	$ 199,273.42			$ -
d. Change Order #2	$ 41,179.57																				$ 41,179.57
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																					
a. Capacity Improvement Fees	$ 1,170,163.00																				$ 1,170,163.00
b. R&R, Operating Cash, Working Capital (See note #1 below)	$ 2,015,122.92	$ (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)							$ (298,910.00)	$ (199,273.42)			$ 843,780.93
c. 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**
d. Bond Proceeds 2022B & 2022C	**$ 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.

THIS DEED, made this 27th day of December, 2002, by and between **TUSCAWILLA UTILITIES, INC.**, party of the first part and hereinafter referred to as Grantor and **CITY OF CHARLES TOWN,** party of the second part and hereinafter referred to as Grantee.

WITNESSETH: That for and in valuable consideration, the receipt of which is hereby acknowledged, the said Grantor does hereby grant and convey unto said Grantee, with general warranty of title, free and clear of all monetary liens and encumbrances, in fee simple, all of those certain parcels of real estate, with improvements thereon, situate in the Charles Town Magisterial District, Jefferson County, West Virginia and being more particularly bound and described as follows:

PARCEL A: BEING all of that certain 6.62 acres bounded and described in a plat made by A. G. Hooper, Jr., Land Surveyor, dated February 12, 1980, as follows, to wit: Beginning at a point (1) a post, said point being the northwest corner of Lot 59 (see plat Book 2, at Page 353 for a description of lots 22-69), thence along platted lots of Tuscawilla Utilities , S. 20-24 W. 1453.6 feet to a post (2); thence N. 63-0 W. 30.0 feet to an iron pin (3); thence along the line of Harris and Kusner, N. 20-24 E. 945 feet to (4); thence N. 79-04 W. 457 feet to (5) and N. 11-59 E. 500 feet along the line of fence to a post in N. 11-59 E. 500 feet along the line of fence to a post in the line of Francis Packett Todd; thence with the same and a line fence S. 78-24 E. 560.03 feet to the point of beginning. LESS AND EXCEPTING THEREFROM Merger Parcel B containing 0.279 acres conveyed by Tuscawilla Utilities, Inc. to Tuscawilla West Corporation, by deed dated August 27, 1991, recorded in the Office of the Clerk of the County Commission of Jefferson County, West Virginia, in Deed Book 691, at Page 606.

PARCEL B: Being all of Merger Parcel A containing 2.821 acres as the same is designated and described on a plat made by Appalachian Surveys, Inc. dated May, 1991, entitled "Plat of Survey Showing Proposed Merger Parcels A, B & C", said plat being recorded in the aforesaid Clerk's Office in Plat Book 10, at Page 48.

PARCEL C: Being all of a 0.226 acre triangular parcel of Tuscawilla West, said triangular parcel lying north of Unit 64, as both are designated and described on a plat entitled "DP1-DP8 & Lots 48-64 and Residue B" made by Appalachian Surveys, Inc. dated August, 1990, said plat being recorded in the aforesaid Clerk's Office in Plat Book 9, at Page 69A-D.

TOGETHER WITH all easements as more particularly shown on a plat entitled "Utility Easements for Locust Hill" made by Appalachian Surveys, Inc. dated December 9, 1993, and recorded in the aforesaid Clerk's Office in Plat Book 12 at Page 9.

There is included in this conveyance, but not limited thereto as hereinafter set forth below, the following easements and agreements:

A. An easement over Lot 48, Tuscawilla Hills, from A. G. Hooper, Jr., Inc. dated November 26, 1973, and recorded in the Office of the Clerk of the County Commission of Jefferson County, West Virginia, in Deed Book 368, at Page 391.

B. An easement over Lot 189, Tuscawilla Hills, from Shenandoah Development Corporation dated March 10, 1977, and recorded in said Clerk's Office in Deed Book 421, at Page 239

C. An easement over Lot 179, Tuscawilla Hills, from Shenandoah Development Corporation dated May 19, 1977, and recorded in said Clerk's Office in Deed Book 423, at Page 700.

D. A lease agreement entered into with Shenandoah Development Corporation, dated May 1, 1981, and recorded in said Clerk's Office in Deed Book 484, at Page 334.

E. An easement over Lot 160, Tuscawilla Hills, from Shenandoah Development Corporation dated June 12, 1981, and recorded in said Clerk's Office in Deed Book 486, at Page 337.

F. An easement over a 1.09 acre parcel from Shenandoah Development Corporation dated March 2, 1982, and recorded in said Clerk's Office in Deed Book 498, at Page 685.

G. An easement over a 1.13 acre parcel from the County Commission of Jefferson County, West Virginia, and Oakridge Associates dated February 22, 1984 and recorded in said Clerk's Office in Deed Book 522, at Page 115.

H. An easement fro Tuscawilla West Corporation dated July 12, 1990, and recorded in said Clerk's Office in Deed Book 662, at Page 311.

I. An easement from Tuscawilla West Corporation dated October 17, 1990 and recorded in said Clerk's Office in Deed Book 669, at Page 239.

J. An easement from Tuscawilla West Corporation dated October 17, 1990 and recorded in said Clerk's Office in Deed Book 673, at Page 716.

K. All those rights of ways, easements, etc. conveyed in Paragraph C, of that certain deed from Shenandoah Development Corporation dated April 4, 1980 and recorded in said Clerk's Office in Deed Book 470 at Page 252.

FURTHER, TOGETHER WITH all rights of way, easements, water lines, sewer lines and irrigation lines, including all pipes and equipment contained therein, now or hereinafter installed in the Tuscawilla Hills and Locust Hills Subdivisions and Locust Hill Links Golf Course, it being the intent to convey in its entirety the entire sewer and water systems located in the Tuscawilla Hills and Locust Hills Subdivisions and Locust Hill Links Golf Course, together with a right of way and easement wherein necessary over all utility easements or rights of way reserved by Shenandoah Development Corporation and Tuscawilla Utilities, Inc. in deeds to lots in said subdivisions, including the right for ingress and egress from said utility lines for the purpose of installing, maintaining, repairing or replacing the same.

PARCEL A BEING a portion of the same real estate that was conveyed to the Grantor herein by Shenandoah Development Corporation, by deed dated the 4th day of April, 1980, and recorded in the aforesaid Clerk's Office in Deed Book 470 at Page 252.

PARCEL B BEING a portion of the same real estate that was conveyed to the Grantor herein by Tuscawilla West Corporation, by deed dated the 27th day of August, 1991, and recorded in the aforesaid Clerk's Office in Deed Book 691 at Page 610;

PARCEL C BEING a portion of the same real estate that was conveyed to the Grantor herein by Tuscawilla West Corporation, by

deed dated the 18th day of October, 1990, and recorded in the aforesaid Clerk's Office in Deed Book 673 at Page 714;

THIS CONVEYANCE IS MADE SUBJECT, HOWEVER, to certain license agreements and other easements of record.

DECLARATION OF CONSIDERATION OR VALUE

The undersigned Grantor does hereby certify that the document to which this declaration is attached is a transfer to a political subdivision in the state of West Virginia and is therefore exempt from the West Virginia Excise Tax on the transfer of real property.

WITNESS the following signature and seal.

TUSCAWILLA UTILITIES INC.

BY: _____ (SEAL)
A. G. Hooper, Jr., President

STATE OF WEST VIRGINIA

COUNTY OF JEFFERSON, to-wit:

The foregoing instrument was acknowledged before me this 30th day of December, 2002, by A. G. Hooper, Jr., President of Tuscawilla Utilities, Inc. on behalf of the corporation.

Commission expiration date and seal:

OFFICIAL SEAL
Notary Public, State Of West Virginia
CHRISTIANA J. LOWRY
826 New York Avenue
Martinsburg, WV 25401
My Commission Expires August 22, 2011

Aug 22, 2011

_____
NOTARY PUBLIC

This document was prepared by James B. Crawford, III of CRAWFORD & KELLER PLLC, Liberty & George Streets P.O. Box 266, Charles Town, West Virginia 25414.

JEFFERSON COUNTY, WV
FILED
December 30, 2002 16:46:36

JOHN E. OTT
COUNTY CLERK
TRANSACTION NO: 2002029620

BOOK OF DEEDS
Book: 00968 Page: 00712


Storm Drain & Utility Esmt. (see inset below)
1099.47' total
60
0.362 Ac.
61
0.344 Ac.
62
0.362 Ac.
63
0.362 Ac.
64
0.374 Ac.
N88°50'33"E
205.46'
Tuscawilla Utilities Inc. 0.226 Acre
653.18' total
DRIVE
50' R/W
(2.002 Acs. total)
653.18' total
51
0.355 Ac.
50
0.424 Ac.
49
0.389 Ac.
48
0.379 Ac.
47
Utility Parcel 0.102 Acre
S40°46'12"W
57.69'
W (Exist.)

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: August 9, 2023

ADMINISTRATIVE

- Customer Counts
  - Sewer 8,551
  - Water 6,612

WATER

- Lead and Copper Inventory on-going
- Hydrant painting efforts continuing

SEWER

- Renewal and Replacement Project – update attached

Customer Name	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
Lennar	Shenandoah Springs	5, 6	1/10/2023	2	$ 9,110.00		
Lutman Land Development	Beckwith/Shutter		1/10/2023	4	$ 11,720.00	4	$ 17,596.00
Lennar	Norborne Glebe	T015-T021, T068-T074	1/20/2023	14	$ 41,020.00	14	$ 61,586.00
Dan Ryan Builders	Aspen Greens	75	1/20/2023	1	$ 2,930.00		
Lennar	Lennar	1-4	1/20/2023	4	$ 18,220.00		
Dan Ryan Builders	Tate Manor	75-80	1/26/2023	6	$ 17,580.00	6	$ 26,394.00
Dan Ryan Builders	Tate Manor	70-74	1/26/2023	5	$ 14,650.00	6	$ 21,995.00
Lennar	Norborne Glebe	T022-T034	2/9/2023	13	$ 38,090.00	13	$ 57,187.00
Dan Ryan Builders	Huntfield	322-328	2/8/2023	7	$ 20,510.00	7	$ 30,793.00
Dan Ryan Builders	Aspen Greens	51, 70, 83	2/8/2023	3	$ 8,790.00		
Dan Ryan Builders	Huntfield	554-558	2/9/2023	5	$ 14,650.00	5	$ 21,995.00
Dan Ryan Builders	Aspen Greens	69	2/22/2023	1	$ 2,930.00		
Dan Ryan Builders	Aspen Greens	48	2/23/2023	1	$ 2,930.00		
Dan Ryan Builders	Huntfield	625	2/24/2023	1	$ 2,930.00	1	$ 4,399.00
Dan Ryan Builders	Huntfield	376	2/28/2023	1	$ 2,930.00	1	$ 4,399.00
Dan Ryan Builders	Aspen Greens	50	3/3/2023	1	$ 2,930.00		
Lennar	Norborne Glebe	253-259	3/3/2023	7	$ 20,510.00	7	$ 30,793.00
Lennar	Norborne Glebe	T035-T041, T055-T060	3/3/2023	13	$ 38,090.00	13	$ 57,187.00
Dan Ryan Builders	Huntfield	893-897	3/13/2023	5	$ 14,650.00	5	$ 21,995.00
Dan Ryan Builders	Aspen Greens	53, 71	3/14/2023	2	$ 5,860.00		
DRH	Magnolia Springs	188-194	3/14/2023	7	$ 20,510.00		
Wormald	Beallair	215	3/14/2023	1	$ 2,930.00		
Stanley Martin	Presidents Pointe	97-104	3/14/2023	8	$ 36,440.00		
Colandrea Corp	Inferno Brewery	13	3/15/2023	4.03	$ 18,356.65		
Lennar	Norborne Glebe	T042-T054, T061-T067	3/21/2023	20	$ 58,600.00	20	$ 87,980.00
Maronda	Huntwell West	1,5,6,7	3/21/2023	4	$ 11,720.00		
Maronda	Huntwell West	3,4,8,9,10	3/22/2023	5	$ 14,650.00		
Washington Landing LLC	Washington Landing 700,800,900		3/24/2023			35.5	$ 91,464.00
Dan Ryan Builders	Aspen Greens	67, 72, 81	3/28/2023	3	$ 8,790.00		
Dan Ryan Builders	Huntfield	469	3/28/2023	1	$ 2,930.00	1	$ 4,399.00
Wormald	Beallair	216, 232, 303	3/28/2023	3	$ 8,790.00		
Dan Ryan Builders	Aspen Greens	55	3/30/2023	1	$ 2,930.00		
Stanley Martin	Presidents Pointe	105-108	3/31/2023	4	$ 18,220.00		
Engle	169 Euclid Ave - detached garage		4/3/2023	1	$ 2,930.00	1	$ 4,399.00
Dan Ryan Builders	Huntfield	364	4/7/2023	1	$ 2,930.00	1	$ 4,399.00
Dan Ryan Builders	Huntfield	897-904	4/7/2023			8	$ 35,192.00
Dan Ryan Builders	Tate Manor	53-58	4/7/2023	6	$ 17,580.00	6	$ 26,394.00
Dan Ryan Builders	Huntwell West	11	4/10/2023	1	$ 2,930.00		
Dan Ryan Builders	Aspen Greens	54	4/13/2023	1	$ 2,930.00		
Dan Ryan Builders	Aspen Greens	68	4/18/2023	1	$ 2,930.00		
Wormald	Beallair	54, 225	4/21/2023	2	$ 5,860.00		
Stanley Martin	Presidents Pointe	109-116	4/25/2023	8	$ 36,440.00		
Dan Ryan Builders	Huntfield	451-456	4/25/2023	6	$ 17,580.00	6	$ 26,394.00
Dan Ryan Builders	Huntfield	374	4/26/2023	1	$ 2,930.00	1	$ 4,399.00
DRH	Magnolia Springs	188-197	4/28/2023			10	$ 43,990.00
DRH	Magnolia Springs	195-197	4/28/2023	3	$ 8,790.00		
DRH	Magnolia Springs	258-268, 273-288	4/28/2023	27	$ 79,110.00	27	$ 118,773.00
DRH	Magnolia Springs	897-904	4/28/2023	8	$ 23,440.00		
Dan Ryan Builders	Aspen Greens	52, 58	5/3/2023	2	$ 5,860.00		
Dan Ryan Builders	Huntfield	437-440	5/3/2023	4	$ 11,720.00	4	$ 17,596.00
Secatello	E 7th Ave, Parcel 141 Townhomes (1 existing)	A&B	5/3/2023	1	$ 2,930.00	1	$ 4,399.00
Holtzman	W Burr Park	16	5/4/2023	4.09	$ 13,127.00		
Wormald	Beallair	208	5/5/2023	1	$ 2,930.00		
Stanley Martin	Presidents Pointe	117-122	5/12/2023	6	$ 27,330.00		
Wormald	Beallair	224	5/16/2023	1	$ 2,930.00		
Dan Ryan Builders	Huntfield	446-450	5/16/2023	5	$ 14,650.00	5	$ 21,995.00
Dura Trac	West Burr		5/18/2023	0.3	$ 879.00		
Dan Ryan Builders	Huntfield	441-444	5/19/2023	4	$ 11,720.00	4	$ 17,596.00
Porter	Charles Town Road	17, 19	5/22/2023	2	$ 5,860.00	2	$ 8,798.00
Dan Ryan Builders	Aspen Greens	57, 63, 66	5/24/2023	3	$ 8,790.00		
Wormald	Beallair	211, 226	5/24/2023	2	$ 5,860.00		
Lutman Land Development	Jefferson Avenue	10	5/24/2023	1	$ 2,930.00	1	$ 4,399.00
Stanley Martin	Presidents Pointe	123-126	5/26/2023	4	$ 18,220.00		
Jiffy Lube	Joshua Freeway Blvd	11	5/29/2023	0.8	$ 3,644.00		
Dan Ryan Builders	Aspen Greens	74	6/6/2023	1	$ 2,930.00		
Dan Ryan Builders	Huntfield	342-348	6/6/2023	7	$ 20,510.00	7	$ 30,793.00
Dan Ryan Builders	Aspen Greens	56	6/7/2023	1	$ 2,930.00		
Dan Ryan Builders	Huntfield	347A	6/7/2023			1	$ 4,399.00
Lutman Land Development	Samuel Station	24-29	6/7/2023	6	$ 17,580.00	6	$ 26,394.00
Dan Ryan Builders	Huntfield	347A	6/8/2023	1	$ 2,930.00		
Dan Ryan Builders	Huntfield	470	6/16/2023	1	$ 2,930.00	1	$ 4,399.00
Dan Ryan Builders	Aspen Greens	61, 64	6/21/2023	2	$ 5,860.00		
Dan Ryan Builders	Huntfield	778	6/23/2023	1	$ 2,930.00	1	$ 4,399.00
Wormald	Beallair	204	6/27/2023	1	$ 2,930.00		
Lennar	Norborne Glebe	14, 19, 23-26, 29, 33	6/28/2023	8	$ 23,440.00	8	$ 35,192.00
Dan Ryan Builders	Aspen Greens	62	7/7/2023	1	$ 2,930.00		
Dan Ryan Builders	Huntfield	327A	7/7/2023	1	$ 2,930.00	1	$ 4,399.00
Wormald	Beallair	227	7/11/2023	1	$ 2,930.00		
Lennar	Shenandoah Springs	206-227, 28-34	7/11/2023	29	$ 132,095.00		
Stanley Martin	Presidents Pointe	135-140	7/14/2023	6	$ 27,330.00		
Stanley Martin	Presidents Pointe	255-261	7/14/2023	7	$ 31,885.00		
Stanley Martin	Presidents Pointe	262-266	7/14/2023	5	$ 22,775.00		
Washington Landing LLC	Washington Landing	900, 1000, 1100	7/18/2023			24.95	$ 64,272.00
Dan Ryan Builders	Aspen Greens	60, 65	7/24/2023	2	$ 5,860.00		
Dan Ryan Builders	Huntfield	468, 472	7/25/2023	2	$ 5,860.00	2	$ 8,798.00
Lutman Land Development	S. Seminary Street	2	7/27/2023	1	$ 2,930.00	1	$ 4,399.00
Dan Ryan Builders	Huntfield	360	8/1/2023	1	$ 2,930.00	1	$ 4,399.00
			Total	**349.62**	$ 1,168,253.65	**269.85**	$ 1,072,487.60

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

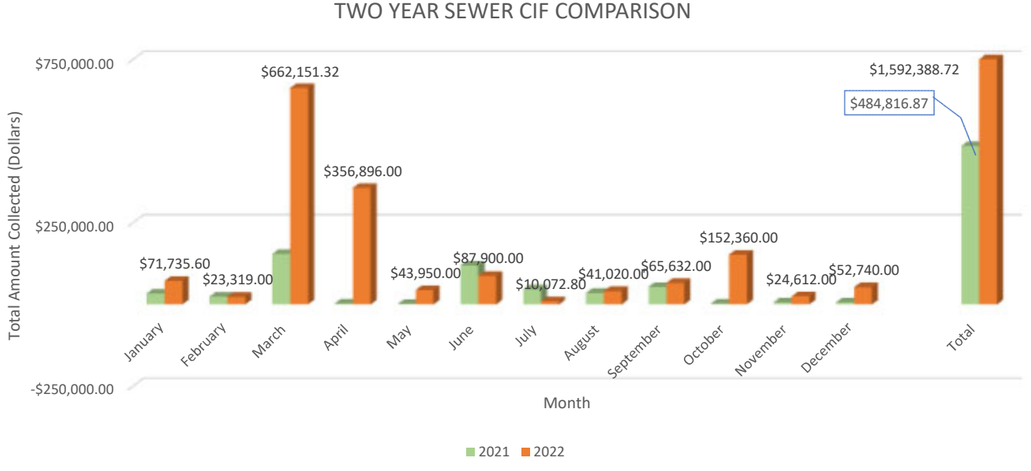
Month	Commercial	Residential	Total Number of EDU's	Total Sewer CIF Collected	CIF Paid to Ranson	Total
Jan-23		36.4	36.4	$ 116,402.00	$ 9,750.00	$ 106,652.00
Feb-23		32	32	$ 93,760.00		$ 93,760.00
Mar-23	4.03	85	89.03	$ 286,906.65	$ 26,048.75	$ 260,857.90
Apr-23		66	66	$ 206,380.00	$ 13,000.00	$ 193,380.00
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		1	1	$ 2,930.00		$ 2,930.00
Sep-23						$ -
Oct-23						$ -
Nov-23						$ -
Dec-23						$ -
Total 2023	**9.22**	**339.4**	**349.62**	**$ 1,168,253.65**	**$ 142,723.75**	**$ 1,026,504.90**

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		1	1	$ 4,399.00
Sep-23				
Oct-23				
Nov-23				
Dec-23				
Total 2023	**24.95**	**244.9**	**269.85**	**$ 1,072,487.60**

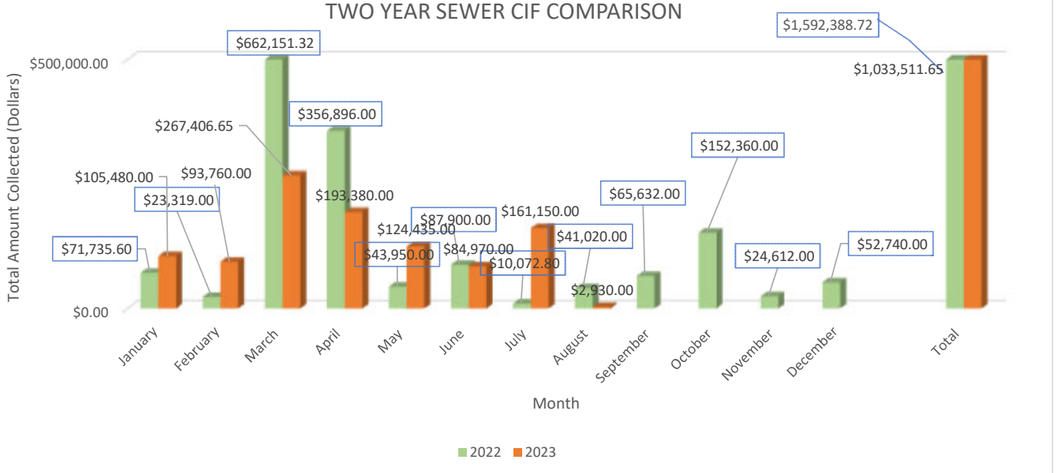
Charles Town Utility Board
2022 Capacity Improvement Fee Collections/EDU for Sewer

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**



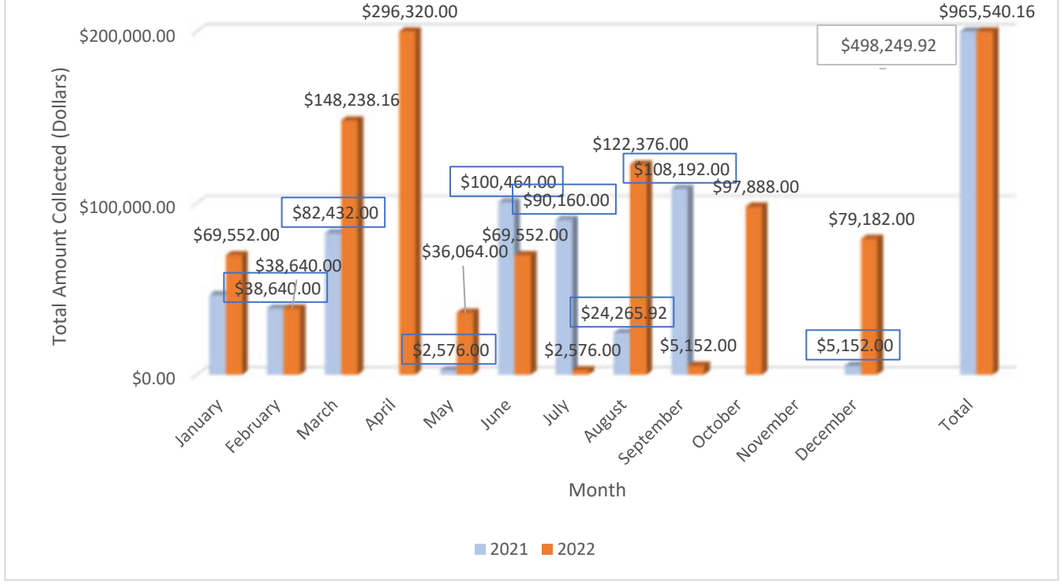
Charles Town Utility Board
2023 Capacity Improvement Fee Collections/EDU for Sewer

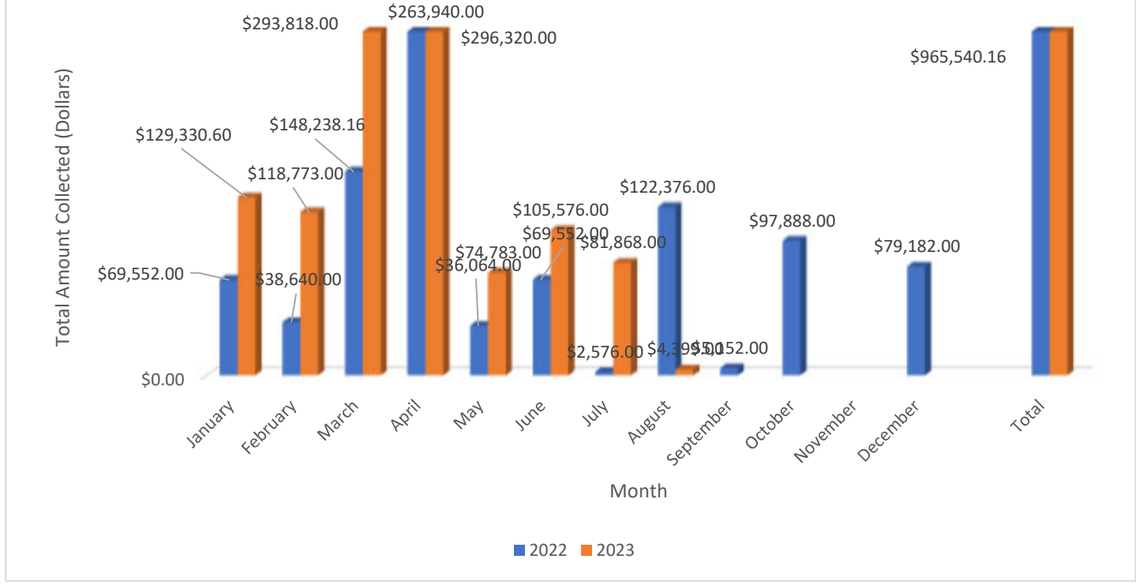
Month	Commercial	Residential	Total Number of EDU's	Total Sewer CIF Collected	CIF Paid to Ranson	Total
Jan-23		36	36	$ 115,230.00	$ 9,750.00	$ 105,480.00
Feb-23		32	32	$ 93,760.00		$ 93,760.00
Mar-23	4.03	85	89.03	$ 286,906.65	$ 19,500.00	$ 267,406.65
Apr-23		66	66	$ 206,380.00	$ 13,000.00	$ 193,380.00
May-23	5.19	37	42.19	$ 142,310.00	$ 17,875.00	$ 124,435.00
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		1	1	$ 2,930.00		$ 2,930.00
Sep-23						
Oct-23						
Nov-23						
Dec-23						
Total 2023	**9.22**	**340**	**350.22**	**$1,170,011.65**	**$136,500.00**	**$1,033,511.65**



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		1	1	$ 4,399.00
Sep-22				
Oct-22				
Nov-22				
Dec-22				
Total 2023	**24.95**	**245**	**269.85**	**$ 1,072,487.60**





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	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	217.11	1.03	0.72	717,143	4,781

TUSCAWILLA WASTEWATER PLANT FLOW DATA						
YEAR	Total Design (MGD)	TOTAL ANNUAL FLOW (MG)	AVERAGE DAILY (MGD)	Total Design minus Average Daily	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	46.72	0.22	0.28	278,571	1,857

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	6,638

2021		
	Total	AVERAGE
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	AVERAGE
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	AVERAGE
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		
SEPTEMBER		
OCTOBER		
NOVEMBER		
DECEMBER		
Annual Total	217.11	1.03

2021		
	Total	AVERAGE
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	AVERAGE
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	AVERAGE
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		
SEPTEMBER		
OCTOBER		
NOVEMBER		
DECEMBER		
Annual Total	46.72	0.221

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	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	352.26	0.96	1.84	1,835,647	12,238

2021		
	Total	AVERAGE
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	AVERAGE
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	AVERAGE
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	1,708,174
JULY	53,546,017	1,727,291
AUGUST		0
SEPTEMBER		0
OCTOBER		0
NOVEMBER		0
DECEMBER		0
Annual Total	352,261,822	964,353

GLEN HAVEN WATER PLANT FLOW DATA						
YEAR	Total Design (MGD)	TOTAL ANNUAL FLOW (MG)	AVERAGE DAILY (MGD)	Total Design minus Average Daily	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	AVERAGE
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	AVERAGE
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	AVERAGE
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		0
SEPTEMBER		0
OCTOBER		0
NOVEMBER		0
DECEMBER		0
Annual Total	1,729,400	4,649

CAVALAND WATER PLANT FLOW DATA						
YEAR	Total Design (MGD)	TOTAL ANNUAL FLOW (MG)	AVERAGE DAILY (MGD)	Total Design minus Average Daily	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	AVERAGE
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	AVERAGE
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	AVERAGE
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		0
SEPTEMBER		0
OCTOBER		0
NOVEMBER		0
DECEMBER		0
Annual Total	1,026,700	2,760

CHARLES TOWN UTILITY BOARD
GD&F ENGINEER'S REPORT
AUGUST 9, 2023

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

- The Contractor (Alvarez) completed installation and startup of the new headworks screen and washer compactor and new grit removal system. They continued with digester blower piping installation including pouring of the new equipment concrete pads. Piping work in the digester is ongoing including installation of the new telescoping valve. The new electrical building has been framed and interior drywall is currently being finished. The new electrical building FRP shelter has been set in place. S&S has continued ductbank installation from the new electrical building to the Blower Building, Headworks, SBR basins, FRP shelter and UV area.
- The Contractor plans to pour the concrete floor slabs for the Centrifuge Building. They also plan to continue equipment and piping installation at the digester. CTUB plans to clean one (1) SBR basin.
- The current contract times for final completion is September of 2024. Alvarez reported that they are still currently about 1-2 months behind schedule due to equipment lead times.
- There have been several credits and change order additions this past month. A formal change order is currently under review by GD&F.
- 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. 39 requests for information (RFI's) have been answered and 12 Work Change Directives have been issued.
- The next Progress Meeting is scheduled for September 7.
- Alvarez submitted Application for Payment No. 10 in the amount of $883,714.54, which included a 5% reduction in retainage. 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 (lead time unknown).

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.

Kings Crossing Sewer Tie-in at Water Plant

- GD&F completed the plan and profile design of a new 4” forcemain which will convey water treatment plant process sludge/solids to a new sewer extension across the road at Kings Crossing. Coordination is ongoing with DRB and their contractor who will complete the portion of the line on the Kings Crossing site.



Digester Telescoping Valve



Placement of FRP Electrical Building



New Headworks Screen/Grit System

GD&F
GWIN
DOBSON &
FOREMAN
ENGINEERS

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT

APPROVED BY:

APPROVED BY:

This Packet:	$ 1,031,663.10
James River Equipment, check dated 8/02/23:	29,706.63
City of Charles Town, check dated 8/04/23:	1,462.25
Total:	$ 1,062,831.98

Note:

Highlighted is for the R&R Project

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT		AMOUNT
	PCARD 9146	WATER FUND	WATER		744.72
	PCARD 9146	WATER FUND	WATER		403.43
	PCARD 9146	WATER FUND	WATER		90.80
	PCARD 9146	WATER FUND	WATER		1,036.89
	PCARD 9146	WATER FUND	WATER		138.11
	PCARD 9146	SEWER FUND	SEWER		1,319.42
	PCARD 9146	SEWER FUND	SEWER		99.23
	PCARD 9146	SEWER FUND	SEWER		1,401.00
	PCARD 9146	SEWER FUND	SEWER		94.75
	PCARD 9146	SEWER FUND	SEWER		702.27
	PCARD 9146	SEWER FUND	SEWER		357.29
	PCARD 9146	SEWER FUND	SEWER		7,868.28
	PCARD 9146	SEWER FUND	SEWER		965.00
				TOTAL:	17,180.71
HD SUPPLY INC	SCIENTECH ANALYTICAL BAL Z	SEWER FUND	SEWER		2,333.69
	CTTN RBR PALM GLOVE	SEWER FUND	SEWER		1,737.08
	TPRDENDHNDLE, LTX GLVS	SEWER FUND	SEWER		874.87
	PAPER TOWELS, SQUEEGEE	SEWER FUND	SEWER		331.60
	STEEL TOE BOOTS	SEWER FUND	SEWER		107.90
	GLOVES	SEWER FUND	SEWER		818.14
	STEEL TOE BOOTS	SEWER FUND	SEWER		161.85
	COTTON RUBBER PALM GLOVE	SEWER FUND	SEWER		347.42
				TOTAL:	6,712.55
WV BUREAU OF PUBLIC HEALTH	M.LOPORTO CLSS II WW CERT	SEWER FUND	SEWER		150.00
				TOTAL:	150.00
WV DEPARTMENT OF TRANSPORTATION	PERMIT FOR SEWER LINE	SEWER FUND	SEWER		269.60
				TOTAL:	269.60
WV WATER DEVELOPMENT AUTHORITY	#2017-175 INFRSTRCTR FNDPR	SEWER FUND	NON-DEPARTMENTAL		1,069.20
				TOTAL:	1,069.20

========== FUND TOTALS ==========

50	WATER FUND	69,182.70
60	SEWER FUND	962,480.40
	GRAND TOTAL:	1,031,663.10

TOTAL PAGES: 4

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
[redacted]	504-500002	WATER FUND	NON-DEPARTMENTAL	18.31
	504-500006	WATER FUND	NON-DEPARTMENTAL	8.27
	504-500009	WATER FUND	NON-DEPARTMENTAL	53.98
	504-500010	WATER FUND	NON-DEPARTMENTAL	52.13
	504-500076	WATER FUND	NON-DEPARTMENTAL	35.59
	504-500078	WATER FUND	NON-DEPARTMENTAL	39.11
	106-001070	WATER FUND	NON-DEPARTMENTAL	125.36
	701-003470	WATER FUND	NON-DEPARTMENTAL	44.92
	702-003340	WATER FUND	NON-DEPARTMENTAL	44.92
	702-003410	WATER FUND	NON-DEPARTMENTAL	44.89
	702-001960	WATER FUND	NON-DEPARTMENTAL	14.79
	702-002230	WATER FUND	NON-DEPARTMENTAL	43.87
	702-002330	WATER FUND	NON-DEPARTMENTAL	44.86
	704-000500	WATER FUND	NON-DEPARTMENTAL	59.17
	704-002910	WATER FUND	NON-DEPARTMENTAL	92.35
	706-001540	WATER FUND	NON-DEPARTMENTAL	3.31
	706-002950	WATER FUND	NON-DEPARTMENTAL	44.33
	708-001270	WATER FUND	NON-DEPARTMENTAL	10.59
			TOTAL:	3,431.42
LOGICAL CONCEPTS, INC	PS MONITORING 2023	SEWER FUND	SEWER	187.05
			TOTAL:	187.05
PACE ANALYTICAL SERVICES, LLC	TESTING: HLLYWD CSNO	SEWER FUND	SEWER	108.90
	TESTING: TUSC WKLY	SEWER FUND	SEWER	177.70
	TESTING: CT WKLY	SEWER FUND	SEWER	267.60
	TESTING: RCKWL MNTHLY	SEWER FUND	SEWER	356.80
	TESTING: TUSC SEMI-ANNUAL	SEWER FUND	SEWER	607.70
	TESTING: CT QRTLY SLG	SEWER FUND	SEWER	354.90
			TOTAL:	1,873.60
PRECISION PUMP & VALVE SERVICE, INC.	FLDSVCCLL INSPCT BLWRS & M	SEWER FUND	SEWER	5,150.00
			TOTAL:	5,150.00
QUALITY FENCE & DECK CO	ADJST GTS @ WTP, AVIS & 6	WATER FUND	WATER	1,234.00
	ADJST GTS @ WTP, AVIS & 6	WATER FUND	WATER	616.00
			TOTAL:	1,850.00
S&S ELECTRIC INC	TRBLSHT SBRCBNTS DUETO OUT	SEWER FUND	SEWER	924.00
			TOTAL:	924.00
GERALD TAYLOR CO., INC.	PUMP / TRANSPORT	WATER FUND	WATER	249.90
	SUPERVAC	SEWER FUND	SEWER	2,959.58
			TOTAL:	3,209.48
THE CI THORNBURG CO, INC.	OMNI CHMBR ASSMBLY	WATER FUND	WATER	2,970.36
	TRANSCEIVER	WATER FUND	WATER	5,373.00
	TRANSCEIVER	WATER FUND	WATER	10,818.67
	CHLORINE	WATER FUND	WATER	2,745.00
	RADIO PIT LID HOUSING	WATER FUND	WATER	795.33
	PIT LOCKING NUT	WATER FUND	WATER	398.41
			TOTAL:	23,100.77
U.S. BANK	PCARD 9146	WATER FUND	WATER	1,319.42
	PCARD 9146	WATER FUND	WATER	99.23
	PCARD 9146	WATER FUND	WATER	540.87

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
	W/E 7/30/23	SEWER FUND	SEWER	65.13
			TOTAL:	4,282.77
IRON MOUNTAIN, INC	SHREDDING, STORAGE	WATER FUND	WATER	538.28
	SHREDDING, STORAGE	SEWER FUND	SEWER	538.28
			TOTAL:	1,076.56
KM ELECTRICAL SOLUTIONS LLC	FOUNTAIN SWITCH	SEWER FUND	SEWER	2,140.00
	OMNIBCNINSTLLS, TRMNTDFLTS	SEWER FUND	SEWER	560.00
			TOTAL:	2,700.00
J.C. KUNKLE & ASSOCIATES, A.C.	PROFF SVCS 2/01 - 6/30/23	WATER FUND	WATER	212.50
	PROFF SVCS 2/01 - 6/30/23	SEWER FUND	NON-DEPARTMENTAL	1,225.00
	PROFF SVCS 2/01 - 6/30/23	SEWER FUND	SEWER	212.50
			TOTAL:	1,650.00
METLIFE, INC	AD&D PAYABLE	WATER FUND	WATER	9.19
	LIFE PAYABLE	WATER FUND	WATER	44.40
	LTD PAYABLE	WATER FUND	WATER	296.88
	STD PAYABLE	WATER FUND	WATER	315.84
	AD&D PAYABLE	SEWER FUND	SEWER	9.41
	LIFE PAYABLE	SEWER FUND	SEWER	45.60
	LTD PAYABLE	SEWER FUND	SEWER	301.45
	STD PAYABLE	SEWER FUND	SEWER	322.72
			TOTAL:	1,345.49
MICRO-TECH DESIGNS, INC.	CTWWTP AUTODIALER TRBLSHT	SEWER FUND	SEWER	864.00
			TOTAL:	864.00
MISCELLANEOUS	101-000269	WATER FUND	NON-DEPARTMENTAL	117.38
	101-001235	WATER FUND	NON-DEPARTMENTAL	251.02
	101-001550	WATER FUND	NON-DEPARTMENTAL	79.10
	101-001580	WATER FUND	NON-DEPARTMENTAL	71.69
	102-000890	WATER FUND	NON-DEPARTMENTAL	46.29
	105-001280	WATER FUND	NON-DEPARTMENTAL	39.30
	105-001345	WATER FUND	NON-DEPARTMENTAL	8.30
	106-001180	WATER FUND	NON-DEPARTMENTAL	89.34
	107-000060	WATER FUND	NON-DEPARTMENTAL	108.14
	107-000061	WATER FUND	NON-DEPARTMENTAL	82.46
	107-000061	WATER FUND	NON-DEPARTMENTAL	20.61
	401-000889	WATER FUND	NON-DEPARTMENTAL	87.14
	401-000890	WATER FUND	NON-DEPARTMENTAL	41.83
	401-000891	WATER FUND	NON-DEPARTMENTAL	53.43
	201-000060	WATER FUND	NON-DEPARTMENTAL	58.29
	201-001485	WATER FUND	NON-DEPARTMENTAL	52.19
	202-000187	WATER FUND	NON-DEPARTMENTAL	95.94
	202-001150	WATER FUND	NON-DEPARTMENTAL	66.67
	204-000270	WATER FUND	NON-DEPARTMENTAL	16.93
	204-000620	WATER FUND	NON-DEPARTMENTAL	84.96
	205-001420	WATER FUND	NON-DEPARTMENTAL	67.18
	301-000370	WATER FUND	NON-DEPARTMENTAL	58.90
	401-000086	WATER FUND	NON-DEPARTMENTAL	91.72
	402-000314	WATER FUND	NON-DEPARTMENTAL	26.23
	402-000616	WATER FUND	NON-DEPARTMENTAL	84.04
	504-000163	WATER FUND	NON-DEPARTMENTAL	133.49
	504-000190	WATER FUND	NON-DEPARTMENTAL	718.10

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
WILLIAM HOAK	ASPHALT & CONCRETE	WATER FUND	WATER	9,792.00
			TOTAL:	9,792.00
ALVAREZ CONTRACTORS, INC	WWTP PROJECT	SEWER FUND	NON-DEPARTMENTAL	883,714.54
			TOTAL:	883,714.54
AMERIGAS	TANK RENTAL: GH	WATER FUND	WATER	130.30
	TANK RENTAL: 832 S GEORGE	SEWER FUND	SEWER	160.53
	TANK RENTAL: 66 PLANTATION	SEWER FUND	SEWER	164.65
			TOTAL:	455.48
JP & RF BURNS PARTNERSHIP	JUL LOADS - 52	SEWER FUND	SEWER	9,308.00
			TOTAL:	9,308.00
CITY NATIONAL BANK	LOCKBOX SVCS: JULY	WATER FUND	WATER	131.96
	LOCKBOX SVCS: JULY	SEWER FUND	SEWER	131.96
			TOTAL:	263.92
CITY OF CHARLES TOWN	AUG RENT@ 661 S GEORGE ST	WATER FUND	WATER	1,275.00
	JUN UTILITIES@ 661 S GEORG	WATER FUND	WATER	589.88
	AUG RENT@ 661 S GEORGE ST	SEWER FUND	SEWER	1,275.00
	JUN UTILITIES@ 661 S GEORG	SEWER FUND	SEWER	589.88
			TOTAL:	3,729.76
CORE & MAIN	ADAPTER,REEDPL688CUTTER,RE	WATER FUND	WATER	734.14
	AY-M4174416 74MAL115RG COV	WATER FUND	WATER	1,165.20
	IDLER-2-NL METER IDLER	WATER FUND	WATER	134.52
	FLG ACC RR FF ZINC B&N&G	WATER FUND	WATER	35.55
	HYD4', UFR1400-DA-6U	WATER FUND	WATER	10,052.97
	CPL,MTRPTBLLT,FRM&CVR,BRSS	WATER FUND	WATER	1,682.92
	CPL,MTRPTBLLT,FRM&CVR,BRSS	WATER FUND	WATER	1,665.92
	VALVE BOX RISER, COVER	WATER FUND	WATER	2,213.20
	CPLG,SDR13.5,MNTRCVFLG,BLL	SEWER FUND	SEWER	4,530.49
			TOTAL:	22,214.91
COYNE CHEMICAL	CP - 837	WATER FUND	WATER	2,964.00
	ZETAG 8868 FS	SEWER FUND	SEWER	10,225.89
			TOTAL:	13,189.89
D.R. HORTON, INC.	SEWER UPSIZING PER AMEA	SEWER FUND	NON-DEPARTMENTAL	7,500.00
			TOTAL:	7,500.00
WV DEPT OF HEALTH & HUMAN SERVICES	BACTERIOLOGICAL TEST	WATER FUND	WATER	120.00
			TOTAL:	120.00
ERM & ASSOCIATES LLC	ESMNT ACQSTN 2023CLLCTNSYS	SEWER FUND	NON-DEPARTMENTAL	4,297.44
			TOTAL:	4,297.44
FASTENAL	HCS3/8-16X1 1/2Z5, 3/8-16	SEWER FUND	SEWER	49.96
			TOTAL:	49.96
GUTTMAN ENERGY	W/E 7/23/23	WATER FUND	WATER	1,222.12
	W/E 7/30/23	WATER FUND	WATER	850.37
	W/E 7/23/23	SEWER FUND	SEWER	931.00
	W/E 7/23/23	SEWER FUND	SEWER	49.28
	W/E 7/30/23	SEWER FUND	SEWER	1,164.87

CHARLES TOWN UTILITY BOARD
WATER FUND
FISCAL YEAR 2024 CAPITAL EXPENDITURE REPORT
As of August 9, 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
TOTAL		**$ 152,182.62**	

CAPITAL EXPENDITURE BUDGET VS. ACTUAL

BUDGET LINE ITEM	BUDGET	FY 2023	AS OF 8/9/2023	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		(69,763.32)	80,236.68
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)**	**$ (69,763.32)**	**$ 590,717.38**

CHARLES TOWN UTILITY BOARD
SEWER FUND
FISCAL YEAR 2024 CAPITAL EXPENDITURE REPORT
As of August 9, 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
TOTAL		**$ 74,972.32**	

CAPITAL EXPENDITURE BUDGET VS. ACTUAL

BUDGET LINE ITEM	BUDGET	DISBURSEMENTS AS OF 8/9/2023	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**	**$ (74,972.32)**	**$ 645,027.68**