CHARLES TOWN UTILITY BOARD
AGENDA

WEDNESDAY, MARCH 13, 2024

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

CALL TO ORDER

1. **APPROVAL OF MINUTES**
   a. Approval of February 28, 2024 Regular Meeting Minutes
   UB Minutes 02.28.24.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 Meeting - Meeting Agendas and Minutes 2024) or by accessing the following zoom link:

   https://us06web.zoom.us/j/83251413462?pwd=VsPcrabBTT2DBvPuL8LRbzD3JViyfd.1

   Meeting ID: 832 5141 3462
   Passcode: 282041
   (301)715-8592

3. **UNFINISHED BUSINESS**

4. **NEW BUSINESS**
   a. Renewal & Replacement Project Resolution No. 17 - Contractor Pay Application No. 17
   Pay App No. 17.pdf
   b. Nexom Inc. Review and Scope of Work
   Nexom Sand Filter.pdf
   c. Discussion on Board Packet Reporting in the Interest of Public Transparency

5. **MANAGER REPORTS**
   a. Utility Manager Report
   UM Report 03.13.24.pdf

March 2024 GDF Engineers Report.pdf
WA Capital Disbursement Report 03.13.24.pdf
SW Capital Disbursement Report 03.13.24.pdf

b. Chairman Report

6. **APPROVAL OF BILLS**
   a. March 13, 2024
      Board Report 03.13.24.pdf

7. **ADJOURNMENT**

8. **INFORMATION ONLY**
   a. Next Meeting - March 27, 2024 at 4:00 P.M.

Charles Town Utility Board
Regular Board Meeting
February 28, 2024

The Charles Town Utility Board held a regular meeting on February 28, 2024 at 4:00 P.M. Members of the Board present were John Nissel, Chairman; Duke Pierson, Vice Chairman; Tommy Stocks, Treasurer; Jeff Whitten, Board Member; and Heidi Parker, Board Member. Also present were Kristen Stolipher, Utility Manager; April Shultz, Assistant Utility Manager; Ashley Stottlemyer, Secretary; Robert Rodecker, Legal Counsel.

The audio recording was not working for this meeting.

CALL TO ORDER

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

APPROVAL OF MINUTES

Approval of February 14, 2024 Regular Meeting Minutes

The Chairman called for changes or corrections to the February 14, 2024 regular meeting minutes.

Action: **Motion made by Mrs. Parker, second by Mr. Whitten, the Board unanimously approved the February 14, 2024 minutes as presented.**

PUBLIC COMMENT

Public comment was received from Jacquelyn Milliron. Several documents were handed out to the Board.

NEW BUSINESS

Renewal & Replacement Project Resolution No. 16 – Contractor Pay Application No. 16

Mrs. Stolipher included the contractor application for Payment No. 16 in the amount of $132,116.09 for work completed.

Action: **Motion made by Mr. Whitten, second by Mr. Pierson, the Board unanimously approved Resolution No. 16.**

Hunter Valley Service Request

Mrs. Stolipher received a request from the developer of Hunter Valley Apartments located on Route 115 just south of the Berkeley County Line to allow Berkeley County to serve the water and sewer for the project. The developer requested CTUB draft a letter to Berkeley County Water and Sewer Public Service Districts to allow them to serve the project as they have facilities in the area.

Action: **Motion made by Mr. Pierson, second by Mr. Stocks, the Board unanimously approved drafting a letter to Berkeley County to serve the Hunter Valley project.**

MANAGER REPORTS

Utility Manager Report

Mrs. Stolipher mentioned the continued effort on the lead and copper mandate and provided an updated sewer capital expenditure report. She also mentioned staff has addressed multiple water leaks and the odor issue at the Tuscawilla Plant.

Mr. Pierson requested an analysis of the water and sewer rates versus the American Water rates for the next meeting.

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

Chairman Report

The Chairman mentioned the City is in the design stage for Happy Retreat parking and an asphalt plan for the City and may be requesting input from CTUB staff.

Mrs. Parker requested that Mrs. Milliron's public comments be added to the record. She also requested the subdivision CIF tracking chart be included in future board packets. The Chairman will add to the next agenda for discussion.

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

APPROVAL OF BILLS

February 28, 2024

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

ADJOURNMENT

There being no further business at this time, the Board adjourned the meeting.

Action: **Motion by Mr. Pierson, second by Mr. Stocks, the Board unanimously adjourned the meeting at 4:19 P.M.**

INFORMATION ONLY

The next meeting is scheduled for Wednesday, March 13, 2024 at 4:00 P.M. at 661 S. George Street.

_____ _____

John Nissel, Chairman

Ashley Stottlemyer, Secretary

CHARLES TOWN UTILITY BOARD
2022 RENEWAL AND REPLACEMENT PROJECT

RESOLUTION NO. 17

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

Vendor	2022B & 2022C Construction Fund	WDA Funding EEGF Grant	Total
Alvarez Contractors, Inc.	$254,947.95	$0	$254,947.95
Total	**$254,947.95**	**$0**	**$254,947.95**

ADOPTED BY the City of Charles Town Utility Board, at the meeting held on the 13th day of March, 2024.

By: _____
John Nissel, Chairman

EJCDC
ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE

Contractor's Application for Payment No. 17

To (Owner): CHARLES TOWN UTILITY BOARD	Application Period: 2/01/24-2/29/24	Application Date: 2/29/2024
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	
CO 3	$90,351.00	
TOTALS	$629,713.99	
NET CHANGE BY CHANGE ORDERS	**$629,713.99**	

1. ORIGINAL CONTRACT PRICE	$	$10,151,000.00
2. Net change by Change Orders	$	$629,713.99
3. Current Contract Price (Line 1 ± 2)	$	$10,780,713.99
4. TOTAL COMPLETED AND STORED TO DATE (Column F total on Progress Estimates)	$	$7,695,582.06
5. RETAINAGE:		
a. 5% X $7,384,194.26 Work Completed	$	$369,209.71
b. 5% X $311,387.80 Stored Material	$	$15,569.39
c. Total Retainage (Line 5.a + Line 5.b)	$	$384,779.10
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c)	$	$7,310,802.96
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)	$	$7,055,855.01
8. AMOUNT DUE THIS APPLICATION	$	$254,947.95
9. BALANCE TO FINISH, PLUS RETAINAGE (Column G total on Progress Estimates + Line 5.c above)	$	$3,469,911.03

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: Kevin Alvarez Date: 2/29/2024

Payment of: $ $254,947.95
(Line 8 or other - attach explanation of the other amount)

is recommended by: _____ 03/01/2024
(Engineer) (Date)

Payment of: $ $254,947.95
(Line 8 or other - attach explanation of the other amount)

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

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

© 2013 National Society of Professional Engineers for EJCDC. All rights reserved.

Progress Estimate - Lump Sum Work

Contractor's Application

For (Contract):	CHARLES TOWN WASTEWATER TREATMENT PLANT IMPROVEMENTS PROJECT	Application Number:	17
Application Period:	2/01/24-2/29/24	Application Date:	2/29/2024

			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	$13,500.00	$540.00	$0.00	$14,040.00	78.0%	$3,960.00
5	D1 - QC Testing (Cash Allowance)	$50,000.00	$17,000.00	$0.00	$0.00	$17,000.00	34.0%	$33,000.00
6	D1 - Submittals/Shop Drawings by ACI	$40,000.00	$38,000.00	$0.00	$0.00	$38,000.00	95.0%	$2,000.00
	DIVISION 2 - SITE WORK							
7	D2 - Sediment & Erosion Control	$20,200.00	$17,776.00	$0.00	$0.00	$17,776.00	88.0%	$2,424.00
	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	$210.00	$0.00	$0.00	$210.00	5.0%	$3,990.00
	STRUCTURES & BUILDING DEMOLITION							
12	D2 - Headworks Building	$40,200.00	$40,200.00	$0.00	$0.00	$40,200.00	100.0%	$0.00
13	D2 - Influent Pump Station & Bypass Pump Set Up	$97,500.00	$97,500.00	$0.00	$0.00	$97,500.00	100.0%	$0.00
14	D2 - UV Equipment	$18,300.00	$16,470.00	$0.00	$0.00	$16,470.00	90.0%	$1,830.00
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	$32,500.00	$0.00	$0.00	$32,500.00	100.0%	$0.00
19	D2 - Sludge Transfer Pump Building	$3,200.00				$0.00		$3,200.00
20	D2 - Digester Tank	$8,200.00	$8,200.00	$0.00	$0.00	$8,200.00	100.0%	$0.00
21	D2 - SBR	$1,600.00				$0.00		$1,600.00
	EXCAVATION (MAJOR STRUCTURES)							
22	D2 - Centrifuge Building	$38,900.00	$38,900.00	$0.00	$0.00	$38,900.00	100.0%	$0.00
23	D2 - Electrical Building by ACI	$7,800.00	$7,800.00	$0.00	$0.00	$7,800.00	100.0%	$0.00
24	D2 - Blower Pad	$5,100.00	$5,100.00	$0.00	$0.00	$5,100.00	100.0%	$0.00
25	D2 - Generator Pad	$5,200.00	$5,200.00	$0.00	$0.00	$5,200.00	100.0%	$0.00
	BACKFILL (MAJOR STRUCTURES)							
26	D2 - Centrifuge Building	$42,300.00	$38,070.00	$0.00	$0.00	$38,070.00	90.0%	$4,230.00
	STRUCTURAL STONE							
27	D2 - Centrifuge Building	$13,400.00	$13,400.00	$0.00	$0.00	$13,400.00	100.0%	$0.00
28	D2 - Electrical Building	$5,600.00	$5,600.00	$0.00	$0.00	$5,600.00	100.0%	$0.00
29	D2 - FRP Building	$2,000.00	$2,000.00	$0.00	$0.00	$2,000.00	100.0%	$0.00
30	D2 - Generator Pad	$1,500.00	$1,500.00	$0.00	$0.00	$1,500.00	100.0%	$0.00
31	D2 - Blower Pad	$1,500.00	$1,500.00	$0.00	$0.00	$1,500.00	100.0%	$0.00
	YARD PIPING							

© 2013 National Society of Professional Engineers for EJCDC. All rights reserved.

Progress Estimate - Lump Sum Work

Contractor's Application

For (Contract):	CHARLES TOWN WASTEWATER TREATMENT PLANT IMPROVEMENTS PROJECT	Application Number:	17
Application Period:	2/01/24-2/29/24	Application Date:	2/29/2024

			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	$9,900.00	$0.00	$0.00	$9,900.00	100.0%	$0.00
33	D2 - 2" Sch 80 PVC Water Service to Centrifuge Bldg.	$25,100.00	$23,845.00	$1,255.00	$0.00	$25,100.00	100.0%	$0.00
34	D2 - 4" DIP WAS Line from Centrifuge Bldg. to Sanitary Sewer	$16,600.00	$16,600.00	$0.00	$0.00	$16,600.00	100.0%	$0.00
35	D2 - 4" DIP WAS Inlet to Centrifuge Bldg.	$17,400.00	$12,180.00	$0.00	$0.00	$12,180.00	70.0%	$5,220.00
36	D2 - 4" DIP Sludge Drain Off Line from Digester	$16,800.00	$16,800.00	$0.00	$0.00	$16,800.00	100.0%	$0.00
37	D2 - 4" DIP WAS Line from Centrifuge Bldg. to Digester	$16,700.00	$0.00	$0.00	$2,000.00	$2,000.00	12.0%	$14,700.00
38	D2 - 6" PVC Drain from Centrifuge Bldg. to Manhole	$16,500.00	$16,500.00	$0.00	$0.00	$16,500.00	100.0%	$0.00
39	D2 - 4" PVC Drain from Centrifuge Bldg. to Manhole	$15,200.00	$15,200.00	$0.00	$0.00	$15,200.00	100.0%	$0.00
40	D2 - 6" DIP Existing System Connection to New T-Valve	$16,700.00	$16,700.00	$0.00	$0.00	$16,700.00	100.0%	$0.00
41	D2 - 8" PVC Drain Line Under Centrifuge Bldg.	$13,500.00				$0.00		$13,500.00
42	D2 - 24" & 12" HDPE Storm Drain at Centrifuge Bldg.	$58,000.00	$46,400.00	$0.00	$0.00	$46,400.00	80.0%	$11,600.00
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	$10,900.00	$0.00	$0.00	$10,900.00	100.0%	$0.00
	YARD STRUCTURES							
45	D2 - 4' Dia. Precast Drain Line Manhole	$3,400.00				$0.00		$3,400.00
46	D2 - Type G Precast Drop Inlet	$9,200.00	$9,200.00	$0.00	$0.00	$9,200.00	100.0%	$0.00
	FINAL RECLAMATION							
47	D2 - Asphalt Paving	$98,800.00				$0.00		$98,800.00
48	D2 - Final Grading, Seed & Mulch	$5,700.00	$1,140.00	$0.00	$0.00	$1,140.00	20.0%	$4,560.00
	DIVISION 3 - CONCRETE							
	SITE CONCRETE							
49	D3 - Generator Pad	$10,100.00	$10,100.00	$0.00	$0.00	$10,100.00	100.0%	$0.00
50	D3 - FRP Shelter Pad	$9,400.00	$9,400.00	$0.00	$0.00	$9,400.00	100.0%	$0.00
51	D3 - Digester Blower Pad	$28,200.00	$23,970.00	$0.00	$0.00	$23,970.00	85.0%	$4,230.00
52	D3 - Digester Equipment Pads	$24,900.00	$24,900.00	$0.00	$0.00	$24,900.00	100.0%	$0.00
53	D3 - Sidewalks at Blower Bldg. Area	$10,700.00				$0.00		$10,700.00
54	D3 - Sidewalks at Covered Sludge Storage Area	$11,400.00				$0.00		$11,400.00
	ELECTRICAL BLDG.							
55	D3 - Grade Beams	$38,300.00	$38,300.00	$0.00	$0.00	$38,300.00	100.0%	$0.00
56	D3 - Concrete Pads/SOG	$18,100.00	$18,100.00	$0.00	$0.00	$18,100.00	100.0%	$0.00
57	D3 - Door Stoops/Pads	$12,000.00				$0.00		$12,000.00
58	D3 - Exterior SOG/Sidewalks	$15,400.00				$0.00		$15,400.00
59	D3 - Misc. Equipment Pads	$3,000.00	$3,000.00	$0.00	$0.00	$3,000.00	100.0%	$0.00
	COVERED SLUDGE STORAGE AREA & CENTRIFUGE BLDG.							
60	D3 - Footings, Grade Beams & Walls	$162,000.00	$162,000.00	$0.00	$0.00	$162,000.00	100.0%	$0.00
61	D3 - Thickened SOG at Trench Drains	$22,200.00	$22,200.00	$0.00	$0.00	$22,200.00	100.0%	$0.00
62	D3 - 6" SOG at 2 - Areas	$49,700.00	$49,700.00	$0.00	$0.00	$49,700.00	100.0%	$0.00
63	D3 - Equipment Pads, Containment Curbs & Walls	$15,400.00	$13,860.00	$1,540.00	$0.00	$15,400.00	100.0%	$0.00

© 2013 National Society of Professional Engineers for EJCDC. All rights reserved.

Progress Estimate - Lump Sum Work

Contractor's Application

For (Contract):	CHARLES TOWN WASTEWATER TREATMENT PLANT IMPROVEMENTS PROJECT	Application Number:	17
Application Period:	2/01/24-2/29/24	Application Date:	2/29/2024

			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	$4,400.00	$0.00	$0.00	$4,400.00	100.0%	$0.00
	DIVISION 4 - MASONRY							
	CENTRIFUGE BUILDING							
66	D4 - 12" Standard CMU's	$53,000.00	$53,000.00	$0.00	$0.00	$53,000.00	100.0%	$0.00
	DIVISION 5 - MISC. METALS							
	SITE							
67	D5 - Permanent Bollards	$7,200.00	$4,320.00	$0.00	$0.00	$4,320.00	60.0%	$2,880.00
68	D5 - Removable Bollards	$12,300.00	$9,225.00	$0.00	$0.00	$9,225.00	75.0%	$3,075.00
	ELECTRICAL BLDG.							
69	D5 - Partition Walls	$69,200.00	$69,200.00	$0.00	$0.00	$69,200.00	100.0%	$0.00
70	D5 - Roof/Ceiling Framing	$35,000.00	$35,000.00	$0.00	$0.00	$35,000.00	100.0%	$0.00
	CENTRIFUGE BUILDING							
71	D5 - W8 x 28 Steel Lintel	$1,800.00	$1,800.00	$0.00	$0.00	$1,800.00	100.0%	$0.00
72	D5 - Monorail Framing	$11,100.00	$11,100.00	$0.00	$0.00	$11,100.00	100.0%	$0.00
73	D5 - Covered Storage Framing	$12,900.00	$12,900.00	$0.00	$0.00	$12,900.00	100.0%	$0.00
74	D5 - Steel Erection	$25,500.00	$25,500.00	$0.00	$0.00	$25,500.00	100.0%	$0.00
75	D5 - Stainless Steel Polymer Fill Station	$4,600.00	$0.00	$3,680.00	$0.00	$3,680.00	80.0%	$920.00
	DIVISION 6 - WOOD AND PLASTICS							
	CENTRIFUGE BUILDING							
76	D6 - Wood Trusses & Sheathing	$69,500.00	$69,500.00	$0.00	$0.00	$69,500.00	100.0%	$0.00
77	D6 - Wood Framing & Interior Finishes	$53,700.00	$26,850.00	$0.00	$0.00	$26,850.00	50.0%	$26,850.00
78	D6 - FRP Grating & Ladders	$11,700.00	$1,170.00	$5,850.00	$0.00	$7,020.00	60.0%	$4,680.00
	ELECTRICAL SHELTER							
79	D6 - FRP Shelter Building	$48,600.00	$48,600.00	$0.00	$0.00	$48,600.00	100.0%	$0.00
	DIVISION 7 - THERMAL & MOISTURE PROTECTION							
	ELECTRICAL BLDG.							
80	D7 - SSR Roofing & Soffit	$105,900.00	$100,605.00	$0.00	$0.00	$100,605.00	95.0%	$5,295.00
	CENTRIFUGE BUILDING							
81	D7 - SSR Roofing & Soffit	$107,200.00	$107,200.00	$0.00	$0.00	$107,200.00	100.0%	$0.00
82	D7 - Corefill Insulation	$2,900.00	$2,900.00	$0.00	$0.00	$2,900.00	100.0%	$0.00
83	D7 - EIFS Outsulation	$39,300.00	$37,335.00	$0.00	$0.00	$37,335.00	95.0%	$1,965.00
	DIVISION 8 - DOORS & WINDOWS							
	ELECTRICAL BLDG.							
84	D8 - Hollow Metal Doors, Frames & Hardware	$25,500.00	$17,085.00	$0.00	$0.00	$17,085.00	67.0%	$8,415.00
	CENTRIFUGE BUILDING							
85	D8 - FRP Door & Window	$16,800.00				$0.00		$16,800.00

© 2013 National Society of Professional Engineers for EJCDC. All rights reserved.

Progress Estimate - Lump Sum Work

Contractor's Application

For (Contract):	CHARLES TOWN WASTEWATER TREATMENT PLANT IMPROVEMENTS PROJECT	Application Number:	17
Application Period:	2/01/24-2/29/24	Application Date:	2/29/2024

			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	$13,770.00	$0.00	$0.00	$13,770.00	85.0%	$2,430.00
87	D8 - Fixed Window	$3,800.00				$0.00		$3,800.00
	DIVISION 9 - FINISHES							
	ELECTRICAL BLDG.							
88	D9 - ACT Ceiling	$38,900.00	$19,450.00	$0.00	$0.00	$19,450.00	50.0%	$19,450.00
89	D9 - Paint Walls, Floors & Doors	$11,000.00	$5,500.00	$0.00	$0.00	$5,500.00	50.0%	$5,500.00
	CENTRIFUGE BUILDING							
90	D9 - Paint Walls, Floors & Doors	$31,000.00	$18,600.00	$0.00	$0.00	$18,600.00	60.0%	$12,400.00
91	D9 - Chemical Containment	$6,500.00	$0.00	$6,500.00	$0.00	$6,500.00	100.0%	$0.00
92	D9 - Piping	$5,700.00	$5,130.00	$0.00	$0.00	$5,130.00	90.0%	$570.00
	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	$557,280.00	$0.00	$0.00	$557,280.00	90.0%	$61,920.00
98	D11 - Digester Sludge Pump	$30,000.00	$28,500.00	$0.00	$0.00	$28,500.00	95.0%	$1,500.00
99	D11 - Inline Grinder	$34,500.00	$32,775.00	$0.00	$0.00	$32,775.00	95.0%	$1,725.00
100	D11 - Polymer Feed System	$32,900.00	$3,290.00	$27,965.00	$0.00	$31,255.00	95.0%	$1,645.00
101	D11 - Polymer Bulk Tank	$7,800.00	$780.00	$5,460.00	$0.00	$6,240.00	80.0%	$1,560.00
	UV BUILDING							
102	D11 - UV System with Controls	$303,900.00	$303,900.00	$0.00	$0.00	$303,900.00	100.0%	$0.00
	HEADWORKS BUILDING							
103	D11 - Mechanical Bar Screen w/Controls	$159,000.00	$159,000.00	$0.00	$0.00	$159,000.00	100.0%	$0.00
104	D11 - Washer/Compactor w/Controls	$85,600.00	$85,600.00	$0.00	$0.00	$85,600.00	100.0%	$0.00
105	D11 - Grit Removal System w/Controls	$262,000.00	$262,000.00	$0.00	$0.00	$262,000.00	100.0%	$0.00
	EXISTING DIGESTER							
106	D11 - Digester Aeration & Mixing System w/Controls	$670,000.00	$636,500.00	$0.00	$0.00	$636,500.00	95.0%	$33,500.00
	EXISTING SBR TANKS							
107	D11 - MCP w/ PLC & Instrumentation	$274,800.00	$68,700.00	$0.00	$0.00	$68,700.00	25.0%	$206,100.00
	DIVISION 13 - SPECIAL CONSTRUCTION							
	SCADA / INTEGRATION							
108	D13 - SCADA, Control Panels, MCC, Field Instrumentation	$765,000.00	$76,500.00	$0.00	$59,552.00	$136,052.00	17.8%	$628,948.00
	DIVISION 14 - CONVEYING SYSTEMS							
	CENTRIFUGE BUILDING							

© 2013 National Society of Professional Engineers for EJCDC. All rights reserved.

Progress Estimate - Lump Sum Work

Contractor's Application

For (Contract):	CHARLES TOWN WASTEWATER TREATMENT PLANT IMPROVEMENTS PROJECT	Application Number:	17
Application Period:	2/01/24-2/29/24	Application Date:	2/29/2024

			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	$66,690.00	$0.00	$0.00	$66,690.00	95.0%	$3,510.00
	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	$86,800.00	$0.00	$0.00	$86,800.00	100.0%	$0.00
118	D15 - Centrifuge Bldg. - Sch 80 PVC Polymer Feed System	$27,100.00	$20,325.00	$5,420.00	$0.00	$25,745.00	95.0%	$1,355.00
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	$47,200.00	$0.00	$0.00	$47,200.00	100.0%	$0.00
121	D15 - Headworks Bldg. - Sch 80 PVC Drains	$9,000.00	$9,000.00	$0.00	$0.00	$9,000.00	100.0%	$0.00
122	D15 - Ex. Digester Bldg. Mixing Sys. Air Comp. Room - 2" SS Air Pipe	$11,600.00	$11,600.00	$0.00	$0.00	$11,600.00	100.0%	$0.00
123	D15 - Ex. Digester Bldg. Mixing Sys. Air Comp. Room - 2" Sch 40 PV	$3,200.00	$3,200.00	$0.00	$0.00	$3,200.00	100.0%	$0.00
124	D15 - Ex. Digester Tank - 6" DI Pipe & Fittings w/Elec. Actuated T-Va	$43,000.00	$43,000.00	$0.00	$0.00	$43,000.00	100.0%	$0.00
125	D15 - Ex. Digester Tank - 10" SS Pipe & Valve Air Supply Line to Mar	$19,500.00	$19,500.00	$0.00	$0.00	$19,500.00	100.0%	$0.00
126	D15 - Ex. Digester Tank - Pipe Penetrations to Tank by Mack Ind.	$15,700.00	$15,700.00	$0.00	$0.00	$15,700.00	100.0%	$0.00
127	D15 - Digester Blower Pad - 10" & 8" SS Pipe, Fittings & Valves	$15,800.00	$15,800.00	$0.00	$0.00	$15,800.00	100.0%	$0.00
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	$35,800.00	$0.00	$0.00	$35,800.00	100.0%	$0.00
130	D15 - Centrifuge Bldg. - Sch 80 PVC Water Pipe, Fittings, Valves, BFP	$46,200.00	$34,650.00	$11,550.00	$0.00	$46,200.00	100.0%	$0.00
131	D15 - Centrifuge Bldg. - Sch 80 PVC Drain Pipe, Fittings, Floor Drains	$16,700.00	$15,030.00	$1,670.00	$0.00	$16,700.00	100.0%	$0.00
132	D15 - Centrifuge Bldg. - Plumbing Fixtures & Eyewash/Shower	$32,800.00	$1,640.00	$31,160.00	$0.00	$32,800.00	100.0%	$0.00
	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	$0.00	$26,918.00	$26,918.00	90.0%	$2,982.00
	DIVISION 16 - ELECTRICAL							
	ELECTRICAL WORK BY S&S ELECTRIC							
135	D16 - Electrical Demolition	$163,500.00	$125,895.00	$3,270.00	$0.00	$129,165.00	79.0%	$34,335.00
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	$180,895.00	$44,528.00	$0.00	$225,423.00	81.0%	$52,877.00
139	D16 - Gear - Labor	$60,900.00	$21,315.00	$15,225.00	$0.00	$36,540.00	60.0%	$24,360.00

© 2013 National Society of Professional Engineers for EJCDC. All rights reserved.

Progress Estimate - Lump Sum Work

Contractor's Application

For (Contract):	CHARLES TOWN WASTEWATER TREATMENT PLANT IMPROVEMENTS PROJECT	Application Number:	17
Application Period:	2/01/24-2/29/24	Application Date:	2/29/2024

			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	$286,875.00	$0.00	$0.00	$286,875.00	75.0%	$95,625.00
141	D16 - Emergency Generator - Labor	$22,700.00	$11,350.00	$0.00	$0.00	$11,350.00	50.0%	$11,350.00
142	D16 - Devices - Material	$5,600.00	$1,120.00	$560.00	$0.00	$1,680.00	30.0%	$3,920.00
143	D16 - Devices - Labor	$7,300.00	$1,460.00	$730.00	$0.00	$2,190.00	30.0%	$5,110.00
144	D16 - Boxes/Troughs - Material	$101,900.00	$76,425.00	$5,095.00	$0.00	$81,520.00	80.0%	$20,380.00
145	D16 - Boxes/Troughs - Labor	$59,900.00	$34,143.00	$1,797.00	$0.00	$35,940.00	60.0%	$23,960.00
146	D16 - SCADA Equipment Install - Labor	$25,800.00				$0.00		$25,800.00
147	D16 - Conduit - Material	$380,500.00	$292,985.00	$11,415.00	$0.00	$304,400.00	80.0%	$76,100.00
148	D16 - Conduit - Labor	$634,000.00	$386,740.00	$25,360.00	$0.00	$412,100.00	65.0%	$221,900.00
149	D16 - Cable - Material	$487,600.00	$63,388.00	$9,752.00	$0.00	$73,140.00	15.0%	$414,460.00
150	D16 - Cable - Labor	$358,000.00	$46,540.00	$7,160.00	$0.00	$53,700.00	15.0%	$304,300.00
151	D16 - Grounding - Material	$12,000.00	$3,240.00	$360.00	$0.00	$3,600.00	30.0%	$8,400.00
152	D16 - Grounding - Labor	$20,700.00	$5,175.00	$621.00	$0.00	$5,796.00	28.0%	$14,904.00
153	D16 - Temporary Electric	$53,500.00	$43,335.00	$1,070.00	$0.00	$44,405.00	83.0%	$9,095.00
	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	$14,000.00	$0.00	$0.00	$14,000.00	100.0%	$0.00
156	Excavation & Backfill	$7,600.00	$7,600.00	$0.00	$0.00	$7,600.00	100.0%	$0.00
157	Precast Concrete Vault	$23,000.00	$23,000.00	$0.00	$0.00	$23,000.00	100.0%	$0.00
158	Piping, Fittings, Valves & Supports	$45,000.00	$45,000.00	$0.00	$0.00	$45,000.00	100.0%	$0.00
159	16" Mag Meter	$14,600.00	$13,140.00	$0.00	$0.00	$13,140.00	90.0%	$1,460.00
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	$5,100.00	$2,550.00	$0.00	$7,650.00	75.0%	$2,550.00
165	Precast Concrete Vault	$21,000.00	$18,900.00	$2,100.00	$0.00	$21,000.00	100.0%	$0.00
166	Piping, Fittings, Valves & Supports	$65,600.00	$65,600.00	$0.00	$0.00	$65,600.00	100.0%	$0.00
167	Flow Meters	$17,100.00	$15,390.00	$0.00	$0.00	$15,390.00	90.0%	$1,710.00
168	Misc. Metals	$23,000.00				$0.00		$23,000.00
169	Electrical Material	$33,000.00	$3,300.00	$3,300.00	$0.00	$6,600.00	20.0%	$26,400.00
170	Electrical Labor	$46,000.00	$0.00	$4,600.00	$0.00	$4,600.00	10.0%	$41,400.00
	CHANGE ORDER #1							
171	CHANGE ORDER #1	$498,183.42	$498,183.42	$0.00	$0.00	$498,183.42	100.0%	$0.00
172	CHANGE ORDER #2	$41,179.57	$41,179.57	$0.00	$0.00	$41,179.57	100.0%	$0.00
173	CHANGE ORDER #3	$90,351.00	$51,500.01	$23,491.26	$0.00	$74,991.27	83.0%	$15,359.73
	SubTotal	**$10,780,713.99**	**$7,118,620.00**	**$265,574.26**	**$311,387.80**	**$7,695,582.06**	**71.4%**	**$3,085,131.93**

© 2013 National Society of Professional Engineers for EJCDC. All rights reserved.

Stored Material Summary

Contractor's Application

For (Contract):	CHARLES TOWN WASTEWATER TREATMENT PLANT IMPROVEMENTS PROJECT							Application Number:	17		
Application Period:	2/01/24-2/29/24							Application Date:	2/29/2024		
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	9/2023	$11,193.08	$5,109.00
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	12/2023	$22,172.47	$11,789.85
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	9/2023	$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	10/2023	$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	9/2023	$259,425.00	
157,165	MIVC0029470		Inwood shop	Mack Industries - PS Meter Vault, WAS Valve Vault	4/2023	$33,815.00		$33,815.00	12/2023	$33,815.00	
102	902090889		Inwood shop	Veolia UV System	4/2023	$237,600.00		$237,600.00	10/2023	$237,600.00	
117	S100211394.001		Inwood shop	CITCO Water - Process Piping for Centrifuge Bldg	4/2023	$5,774.80		$5,774.80	12/2023	$5,774.80	
117	S100209868.002		Inwood shop	CITCO Water - Process Piping for Centrifuge Bldg	4/2023	$4,582.50		$4,582.50	12/2023	$4,582.50	
117	S100198279.004		Inwood shop	CITCO Water - Process Piping for Centrifuge Bldg	4/2023	$3,386.75		$3,386.75	12/2023	$3,386.75	
111,120	S100209822.004		Inwood shop	CITCO Water - Process Piping for HW Bldg & Inf PS	4/2023	$11,549.36		$11,549.36	7/2023	$4,339.41	$7,209.95
33	S100213814.001		Inwood shop	CITCO Water - Yard Piping for Water Svc to Centrifuge Bldg	4/2023	$5,871.20		$5,871.20	8/2023	$5,871.20	
158	S100211150.003		Inwood shop	CITCO Water - Piping for Bid Alternate A - Inf. Metering Vault	4/2023	$5,581.64		$5,581.64	9/2023	$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	9/2023	$77,827.50	
125,127	683		Inwood shop	B.A. Martin Welding - SS Piping for Digester	5/2023	$18,779.95		$18,779.95	10/2023	$18,779.95	
71-75	1457		Inwood shop	Southern Steel Products Company - Misc. Metals for Cent. Bldg	5/2023	$38,450.00		$38,450.00	2/2024	$38,450.00	
95-96	9261		Inwood shop	Pumpman Pittsburgh - Submersible Pumps	5/2023	$200,809.00		$200,809.00			$200,809.00
105	9865-3		Inwood shop	Envirodyne Systems Inc. - Grit Removal System	6/2023	$134,158.00		$134,158.00	8/2023	$134,158.00	
166	S100198279.005		Inwood shop	CITCO Water - Plug valves	7/2023	$26,796.00		$26,796.00	12/2023	$26,796.00	
106	6183.07		Inwood shop	Enviromix, Inc. - Digester Blowers	7/2023	$181,597.50		$181,597.50	10/2023	$181,597.50	
97	PSI-31936		Inwood shop	Centrisys - Centrifuge System	9/2023	$499,840.00		$499,840.00	1/2024	$499,840.00	
108	220802-2		Inwood shop	Micro-Tech Designs, Inc. - Controls and Instrumentation	9/2023	$14,087.00		$14,087.00			$14,087.00
134	111977-00		Inwood shop	Aircon Engineering - Unit Heaters, Louvers, Split System	9/2023	$26,918.00		$26,918.00			$26,918.00
83	1327		Inwood shop	Kephart Plaster and Stone - EIFS Outsulation	11/2023	$13,000.00		$13,000.00	12/2023	$13,000.00	
78	10033728		Inwood shop	Fibergrate Composite Structures - FRP Ladder	11/2023	$2,975.00		$2,975.00	2/2024	$2,975.00	
166	S100234535.004		Inwood shop	CITCO Water - DI Piping	11/2023	$8,800.61		$8,800.61	12/2023	$8,800.61	
108	220802-3		onsite	Micro-Tech Designs, Inc. - Float Control Panels, Drain Pumps			$8,767.00	$8,767.00			$8,767.00
				Totals		**$2,268,093.44**	**$8,767.00**	**$2,276,860.44**		**$1,965,472.64**	$311,387.80

© 2013 National Society of Professional Engineers for EJCDC. All rights reserved.

Micro-Tech Designs, Inc.
4312 Black Rock Rd., Suite 1
Hampstead, MD 21074
Phone (410) 239-2885, Fax (410)239-3736

Invoice

Invoice Number: 220802-3

Invoice Date: 1/26/24

Page: 1

Sold To:

Alvarez Contractors, Inc.
PO Box 555
Oakland, MD 21550

Ship To:

Customer ID: ALVAREZ

Customer PO	Payment Terms	Sales Rep ID	Due Date
16000	Net 30 Days		2/25/24

Ship Via	Ship Date
Best Way	

Qty.	Description	Unit Price	Amount
2.00	Backup Float Control Panel for Influent, Effluent for Charles Town WWTP Improvements Project	3,028.50	6,057.00
2.00	Drain Pump SF/OT Panel	1,355.00	2,710.00
	Tax Exempt Certificate : 320280357		

Subtotal	8,767.00
Sales Tax	
Total Invoice Amount	8,767.00
Check No: Payment Received	0.00
TOTAL	8,767.00

1.5% per month will be charged on all past due balances

Date: March 13, 2024

Charles Town Utility Board
2022 Renewal and Replacement Project
Schedule B

A. COST OF PROJECT	APPROVED CONSTRUCTION BUDGET	Paid by CTUB from Operating Account 11/16/2023-12/13/2023	Paid by CTUB from Operating Account 12/14/2023-2/14/2024	Resolution No. 11 Contractor's Application for Payment No. 11	Resolution No. 12 Contractor's Application for Payment No. 12	Resolution No. 13 Contractor's Application for Payment No. 13	Resolution No. 14 Contractor's Application for Payment No. 14	Resolution No. 15 Contractor's Application for Payment No. 15	Resolution No. 16 Contractor's Application for Payment No. 16	Resolution No. 17 Contractor's Application for Payment No. 17	BALANCE REMAINING
1 **CONSTRUCTION**											
a. Contract	$ 10,151,000.00			$ 258,654.49	$ 872,951.21	$ 511,920.76	$ 514,352.61	$ 157,984.22	$ 125,791.52	$ 231,456.69	$ 3,454,551.30
b. Construction Contingency 5% - (See note #2 & #5 below)	$ 376,019.43										$ 376,019.43
c. Change Order #1 (See note #1 below)	$ 498,183.42										$ -
d. Change Order #2	$ 41,179.57			$ 41,179.57							$ -
e. Change Order #3	$ 90,351.00				$ 22,587.75	$ 8,131.59	$ 5,421.00	$ 9,035.10	$ 6,324.57	$ 23,491.26	$ 15,359.73
2 **ENGINEERING SERVICES**											
GDF Engineering fees (including CA and RPR)	$ 760,000.00	$ 13,033.75	$ 7,050.87								$ 49,924.46
Additional RPR inspection	$ 125,000.00		$ 19,765.50								$ 105,234.50
Initial GDF R&R Report	$ 40,082.50										$ -
3 **LEGAL SERVICES**											
a. Local Project Attorney	$ 20,000.00										$ 14,392.75
4 **ADMINISTRATIVE SERVICES**											
a. Project Accountant (CPA)	$ 20,000.00										$ 9,112.50
b. Other Administrative Costs	$ 10,000.00										$ 3,151.74
5 **Total Project Costs Lines 1-6**	**$ 12,131,815.92**	**$ 13,033.75**	**$ 26,816.37**	**$ 299,834.06**	**$ 895,538.96**	**$ 520,052.35**	**$ 519,773.61**	**$ 167,019.32**	**$ 132,116.09**	**$ 254,947.95**	**$ 4,027,746.41**
B. SOURCES OF FUNDS	**APPROVED PROJECT FUNDING**										
1 PROJECT FUNDS											
Internal Funds & EEG Grant											
a. Capacity Improvement Fees	$ 1,170,163.00										$ 1,170,163.00
b. Renewal & Replacement (See note #3 & #4 below)	$ 500,000.00										$ 1,816.58
c. Operating Cash	$ 1,515,122.92	$ (13,033.75)	$ (26,816.37)								$ 721,856.37
d. EEG Grant Funds	$ 1,966,030.00						$ (519,773.61)		$ (132,116.09)		$ 1,314,140.30
Total Internal Funds & EEG Grant Funds	**$ 5,151,315.92**										**$ 3,207,976.25**
Bond Proceeds											
e. 2022B & 2022C Construction Fund Account	**$ 6,980,500.00**			$ (299,834.06)	$ (895,538.96)	$ (520,052.35)	$ -	$ (167,019.32)	$ -	$ (254,947.95)	**$ 819,770.16**
Total Funds Available	**$ 12,131,815.92**	**$ (13,033.75)**	**$ (26,816.37)**	**$ (299,834.06)**	**$ (895,538.96)**	**$ (520,052.35)**	**$ (519,773.61)**	**$ (167,019.32)**	**$ (132,116.09)**	**$ (254,947.95)**	**$ 4,027,746.41**

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

FIELD REPORT

Project Name:	**Charles Town, WV**	Project #:	
Reported by:	**Sean Watson**	Date:	**Nov. 27, 2023**

GENERAL DESCRIPTION

General Description	Inspect BlueNite system and give recommendations on what should be done before restarting the system. I asked Matt and Dave if they knew why th system was shut doen many years ago. They mentioned to many foreign opjects were entering the filter system clogginf the washboxes. Which in turn allowed sand to flow out the reject, causing constant issues. Foreign objects are still present in the tortuous paths and in the filter bed. After speaking with the plant operator (Matt Laporte) and engineer Dave Peterson), this plant shares nitrate discharge limits with another plant in town. The yearly limit for both plants is 48K lbs. Both plants are currently discharging 18K lbs. Significantly lower than their yearly limits. Plant info Average Flow? Data provided to Nexom Peak Flow? Data provided to Nexom What is your Nitrate loading? Data provided to Nexom What is your TSS loading? Data provided to Nexom What is your seasonal temperature data? Data provided to Nexom What are the minimum temperatures when the nitrate is at its maximum? Data provided to Nexom What are your nitrate limits? (42,000lbs for two plants) (Charles town did 18K last year, and plant max is 32K per Matt) Nitrate limits at Charles Town is 32,115 lbs./year. Nitrate limits at Tuscawilla are 10,740 lbs./year Monthly average of nitrates for 12 months (per month) Data provided to Nexom Are there any other plants that contribute to your nitrate total? Yes, Charles Town and Tuscawilla have a combined Nitrate limit of 42,855 lbs./year.
Summary of work:	Inspected pneumatics system. (compressor, filters and dryer are present) Inspected dosing analyzer. Inspected Control Panel Inspected air control panels Visually inspected media in a couple filter cells.

GENERAL COMMENTS/OBSERVATIONS

1. The pneumatic system is an Ingersoll Rand with a duty and standby compressor. There are filters before and after the air dryer. I did not ask to start up this system since it has been sitting for a long time. RECOMMEND SERVICE – Have this entire system inspected by Ingersoll Rand before operating.
2. Supplied dosing system was not in our scope of supply. We did supply a ChemScan UV 4100 Analyzer and the following instruments, DO, PH, Temperature, ORP, and switches for liquid flow monitoring. I did not verify if these devices are still onsite. I was told a lot of items were removed from this system to be used in other plants. RECOMMEND SERVICE AND REPLACING MISSING/CRITICAL INSTRUMENTS- Required process instrumentation for control of the filter system includes nitrate and DO analysis. The ChemScan provide Nitrate, and should be serviced by a factory technician. A DO can be added if not currently onsite.
3. Control Panel – HMI responds, and I assume everything inside is still operational. No hardware changes required, but likely to require programming support depending on instrumentation still onsite. Nexom can define scope and provide a quote for service.
4. Air Control Panels - Enclosures seem to be okay, even though most were left open to the elements. Wasp nests were present, along with dirt and debris. Everything appeared to be intact by visual inspection. It is unknown if the solenoids, coalescent filters, or rotameters are still operational. Rotameters had iron water stains coming out of the bottom of the rotameters. RECOMMEND REPLACING FAILED EQUIPMENT. Panels appear to have been left open and exposed to elements, and it is possible that moist/oil laden air has passed through rotameters and solenoids. Nexom can replace the air panels with new panels that are factory tested and certified.
5. Filters - The plant has 10 CF50-80BG Blue NITE filters with two per cell. Fiberglass appears to be fine by visual inspection. Nobody knows if the filter shutdown disinfection procedure was followed when decommissioning the filters. Large forein objects were identified in numerous tortuous paths, as well as the sand bed. Aluminum platforms covered the filters, so I assume this debris was from the influent flow when the filters were operational. If so, I can see why they had problems. RECOMMEND – All sand media will be pumped out via airlift pumps and screened. Or a complete replacement of the sand media if the media is hardened due to improper shutdown procedure.

PROJECT PHOTOS

…see following pages for photos and descriptions *(NOTE: click on icon in picture box to insert pictures)*



Overall picture of filters



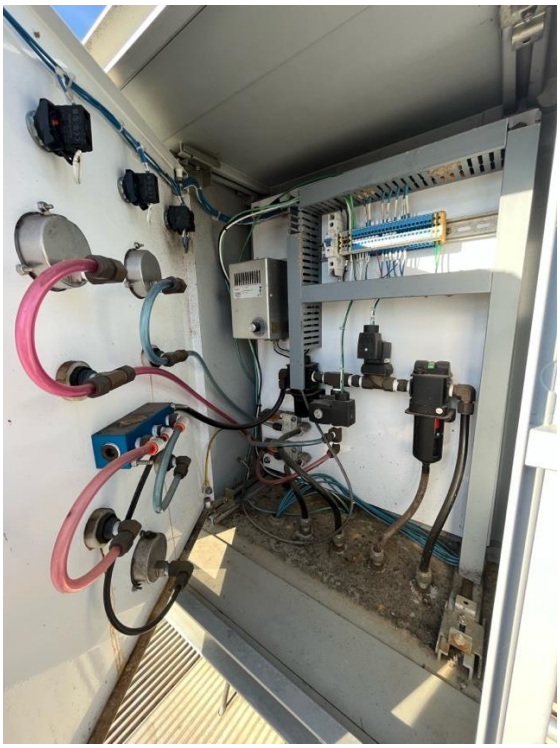
ChemScan Analyzer



Main control cabinet appears to work fine.



Air control panel showing rust stains from the rotameters. Staining present on all cabinets.



Interior picture of the panel showing debris and components.



Filter cell in current state.

Scope of Work

Charles Town, WV

December 21sh, 2023

Nexom Inc. is providing the scope of work after the inspection of the Blue Nite system and give recommendations on what should be done before restarting the system.

One of the quoted line items for complete replacement of filter media. However, the existing media can be chemically cleaned (chlorine, etc) and screened at a lower material cost. Nexom can provide directions so that this is completed effectively. We recommend having a Nexom technician onsite for equipment and screening inspections during the screening process if this path forward is selected.

Scope of Supply

REPLACING EQUIPMENT BY NEXOM

Sand Filter

- One hundred and twenty-five (125) superstacks, sand media, 80” nominal bed depth, nominal 10-16 sieve

Air Control panels

- Two (2) air control panels for operation of airlifts, NEMA Type 4x enclosure
    - HOA functions
    - Air distribution, pressure, and flow control
    - Status indicators
    - Ethernet and dry contact connectivity.

Instrumentation

- One (1) DO probe.

RECOMMENDED SERVICE OR REPLACING EQUIPMENT BY OTHERS

Chemical Dosing

- The chem doing system and nitrate analyzer must be inspected by ChemScan before operating.

Pneumatic System

- The pneumatic system must be inspected by Ingersoll Rand before operating.

Filter Control Panel

- No hardware changes required, but likely to require programming support depending on instrumentation still onsite. The local integrator may give the best pricing, but Nexom can have this quoted through its supplier as well.

STARTUP SUPPORT PER TRIP

- Each trip consisting of up to three (3) eight-hour days on-site
    - One (1) trip for equipment installation inspection
    - One (1) trip for media sieving oversight and inspections (if required)
    - One (1) trip for startup, commissioning and operator training.

Pricing

All pricing is in USD and before any applicable taxes. Includes shipping to site. Pricing is valid for 60 days.

Contract Price

Sand Media $ 112,600
DO Probe $ 6.350
Air Control Panel $ 69,900
Service $ 6,500

Any questions or comments can be directed to:

Jason Alexander
Regional Sales Manager
jason.alexander@nexom.com
204-949-7500

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: March 13, 2024

- **Customer Counts**
  - Sewer 8,882
  - Water 6,878

- **Administrative**
  - WVAW Billing delays

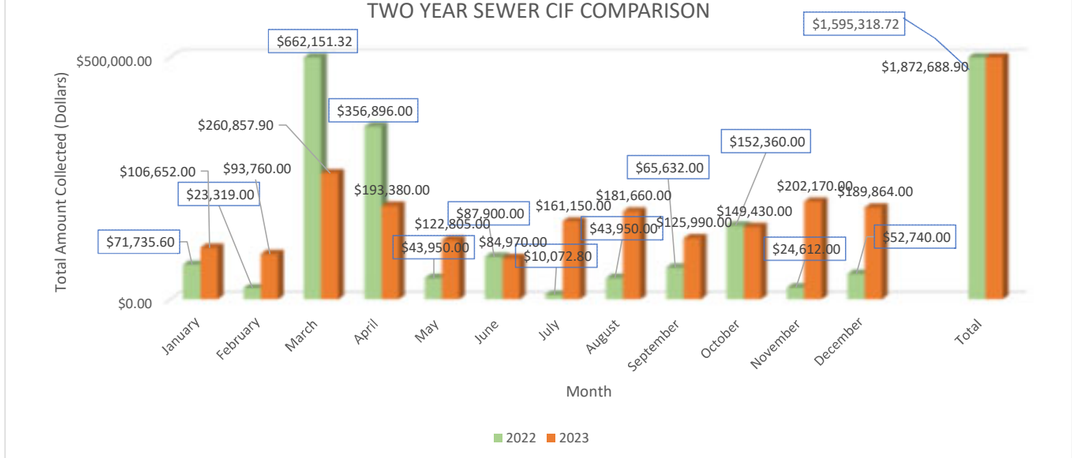
- **Water and Sewer Strategic Plans**
  - Updates are in progress and drafts expected to be provided to the CTUB Board of Directors and Council in March/April
  - Adoption of updated plans in April/May 2024

- **Renewal and Replacement project on track for completion in fall 2024**

- **Collection System Project**
  - ACOE – wetland delineation completed. Anticipate submitting to ACOE end of this week.
  - DOH – revisions completed per DOH. Anticipate resubmitting to DOH end of this week.
  - DEP Modifications – 40% approved on portal.
  - DEP Erosion and Sediment – corrections made on 02/27. Waiting for CTUB to resubmit on portal.
  - SHPO – approved
  - City of Ranson – need guidance on what permits are required per the City.

- **Greenfield Forcemain upsizing project**
  - Continuing to research existing bore under 340.
  - Several revisions due to field conditions.
  - Project schedule to be provided to Council upon receipt from Contractor.

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		62	62	$ 202,785.00	$ 21,125.00	$ 181,660.00
Sep-23		43	43	$ 156,865.00	$ 30,875.00	$ 125,990.00
Oct-23		51	51	$ 191,680.00	$ 42,250.00	$ 149,430.00
Nov-23		69	69	$ 237,920.00	$ 35,750.00	$ 202,170.00
Dec-23	33	32	65	$ 196,364.00	$ 6,500.00	$ 189,864.00
Total 2023	**42.02**	**491.4**	**638.42**	**$ 2,150,937.65**	**$ 279,223.75**	**$ 1,872,688.90**



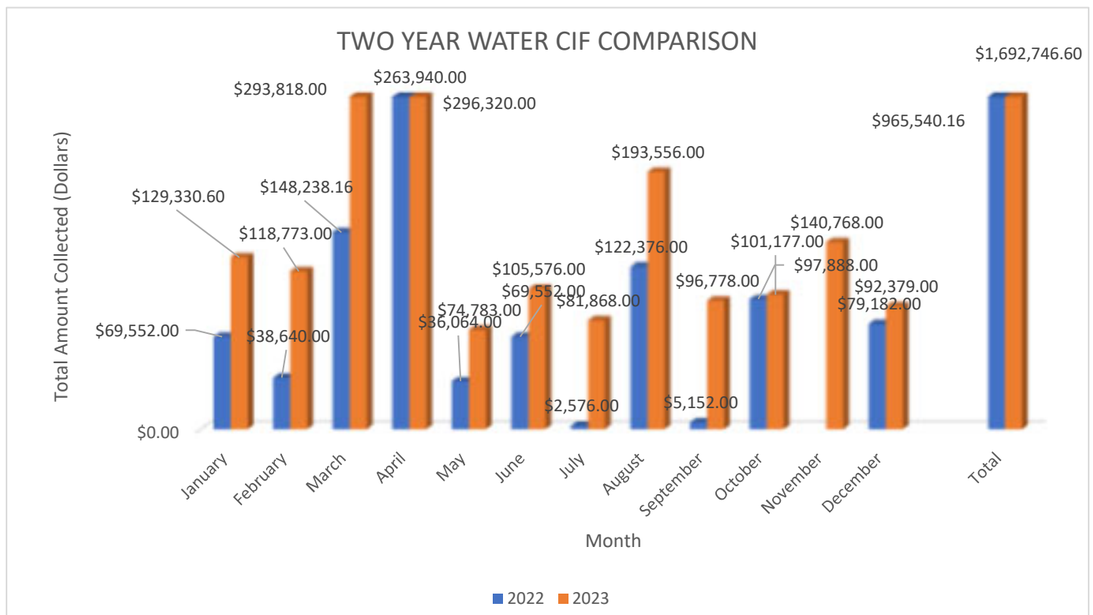
Charles Town Utility Board 2024 Capacity Improvement Fee Collections/EDU for Sewer						
Month	**Commercial**	**Residential**	**Total Number of EDU's**	**Total Sewer CIF Collected**	**CIF Paid to Ranson**	**Total**
Jan-24	1.5	86	87.5	$ 289,687.50	$ 33,312.50	$ 256,375.00
Feb-24		114	114	$ 412,020.00	$ 78,000.00	$ 334,020.00
Mar-24						
Apr-24						
May-24						
Jun-24						
Jul-24						
Aug-24						
Sep-24						
Oct-24						
Nov-24						
Dec-24						
Total 2024	**1.5**	**200**	**201.5**	**$ 701,707.50**	**$ 111,312.50**	**$ 590,395.00**

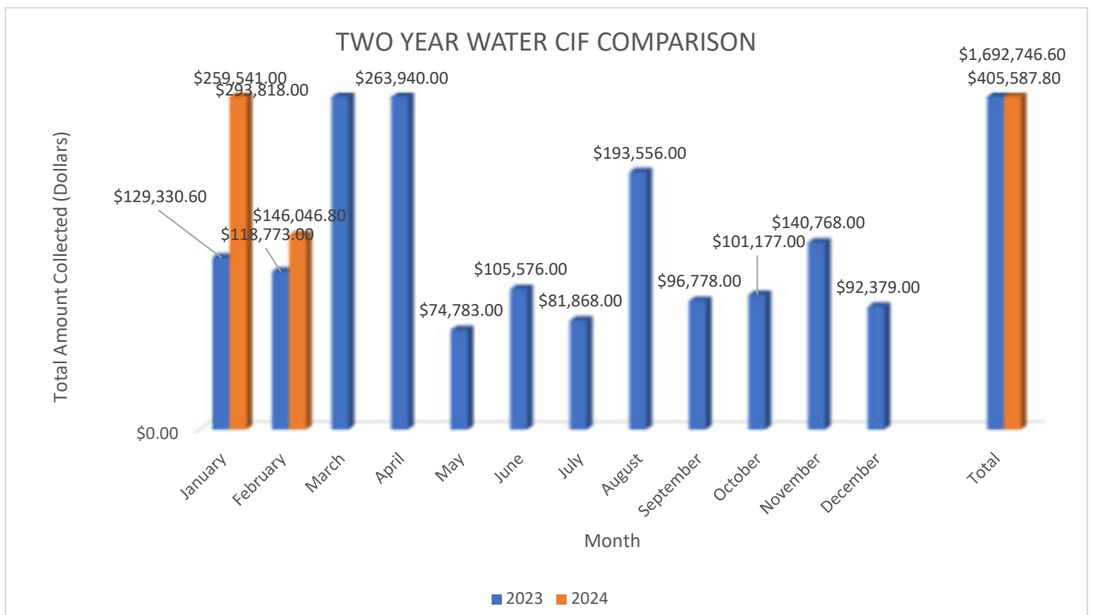


Water CIF Tracking as of March 7, 2024

2023 Capacity Improvement Fee Collections/EDU for Water				
Month	**Commercial**	**Residential**	**Total Number of EDU's**	**Total Water CIF**
Jan-23		30.4	30.4	$ 129,330.60
Feb-23		27	27	$ 118,773.00
Mar-23		81.5	81.5	$ 293,818.00
Apr-23		60	60	$ 263,940.00
May-23		17	17	$ 74,783.00
Jun-23		24	24	$ 105,576.00
Jul-23	24.95	4	28.95	$ 81,868.00
Aug-23		44	44	$ 193,556.00
Sep-23		22	22	$ 96,778.00
Oct-23		23	23	$ 101,177.00
Nov-23		32	32	$ 140,768.00
Dec-23		21	21	$ 92,379.00
Total 2023	**24.95**	**362.9**	**410.85**	**$ 1,692,746.60**

2024 Capacity Improvement Fee Collections/EDU for Water				
Month	**Commercial**	**Residential**	**Total Number of EDU's**	**Total Water CIF**
Jan-24		59	59	$ 259,541.00
Feb-24		33.2	33.2	$ 146,046.80
Mar-24				
Apr-24				
May-24				
Jun-24				
Jul-24				
Aug-24				
Sep-24				
Oct-24				
Nov-24				
Dec-24				
Total 2024	**0**	**92.2**	**92.2**	**$ 405,587.80**





CHARLES TOWN UTILITY BOARD
WASTEWATER TREATMENT PLANT FLOW DATA

CHARLES TOWN WASTEWATER PLANT FLOW DATA						
YEAR	Total Design (MGD)	TOTAL ANNUAL FLOW (MG)	AVERAGE DAILY (MGD)	Total Design minus Average Daily (MGD)	Total Available (gpd)	Total Available (EDU's)
2015	1.75	384	1.05	0.7	700,000	4,667
2016	1.75	419	1.14	0.61	610,000	4,067
2017	1.75	393	1.08	0.67	670,000	4,467
2018	1.75	491	1.34	0.41	410,000	2,733
2019	1.75	459	1.26	0.49	490,000	3,267
2020	1.75	419.7	1.15	0.60	603,333	4,022
2021	1.75	401.61	1.11	0.64	637,500	4,250
2022	1.75	387.15	1.06	0.69	687,500	4,583
2023	1.75	382.28	1.06	0.69	694,167	4,628
2024	1.75	70.49	1.18	0.58	575,000	3,833

TUSCAWILLA WASTEWATER PLANT FLOW DATA						
YEAR	Total Design (MGD)	TOTAL ANNUAL FLOW (MG)	AVERAGE DAILY (MGD)	Total Design minus Average Daily (MGD)	Total Available (gpd)	Total Available (EDU's)
2015	0.5	48	0.13	0.37	370,000	2,467
2016	0.5	49	0.13	0.37	370,000	2,467
2017	0.5	48	0.14	0.36	360,000	2,400
2018	0.5	78	0.21	0.29	290,000	1,933
2019	0.5	55.24	0.15	0.35	350,000	2,333
2020	0.5	1.09	0.16	0.34	340,000	2,267
2021	0.5	32.55	0.10	0.40	400,833	2,672
2022	0.5	62.8	0.17	0.33	328,333	2,189
2023	0.5	83.78	0.23	0.27	270,000	1,800
2024	0.5	16.86	0.28	0.22	220,000	1,467

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	6,428
2024	5,300

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

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

2023		
	Total (MG)	AVERAGE (MG)
JANUARY	36.55	1.21
FEBRUARY	28.96	1.03
MARCH	30.46	1.02
APRIL	29.52	0.98
MAY	30.78	0.99
JUNE	29.64	0.99
JULY	31.2	1.01
AUGUST	29.96	1.00
SEPTEMBER	33.38	1.11
OCTOBER	33.02	1.07
NOVEMBER	33.61	1.12
DECEMBER	35.2	1.14
Annual Total	382.28	1.06

2024		
	Total (MG)	AVERAGE (MG)
JANUARY	36.06	1.16
FEBRUARY	34.43	1.19
MARCH		
APRIL		
MAY		
JUNE		
JULY		
AUGUST		
SEPTEMBER		
OCTOBER		
NOVEMBER		
DECEMBER		
Annual Total	70.49	1.18

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

2023		
	Total (MG)	AVERAGE (MG)
JANUARY	7.3	0.24
FEBRUARY	6.38	0.23
MARCH	6.41	0.21
APRIL	6.13	0.20
MAY	6.30	0.20
JUNE	6.89	0.23
JULY	7.31	0.24
AUGUST	7.7	0.25
SEPTEMBER	6.98	0.23
OCTOBER	6.92	0.22
NOVEMBER	7.22	0.24
DECEMBER	8.24	0.27
Annual Total	83.78	0.230

2024		
	Total (MG)	AVERAGE (MG)
JANUARY	8.61	0.28
FEBRUARY	8.25	0.28
MARCH		
APRIL		
MAY		
JUNE		
JULY		
AUGUST		
SEPTEMBER		
OCTOBER		
NOVEMBER		
DECEMBER		
Annual Total	16.86	0.280

CHARLES TOWN UTILITY BOARD
WATER TREATMENT PLANT FLOW DATA

CHARLES TOWN WATER PLANT FLOW DATA						
YEAR	Total Design (MGD)	TOTAL ANNUAL FLOW (MG)	AVERAGE DAILY (MGD)	Total Design minus Average Daily (MGD)	Total Available (gpd)	Total Available (EDU's)
2019	2.8	644.32	1.77	1.03	1,034,980	6,900
2020	2.8	615.64	1.68	1.12	1,117,946	7,453
2021	2.8	601.87	1.64	1.16	1,164,627	7,764
2022	2.8	588.97	1.60	1.20	1,204,163	8,028
2023	2.8	602.24	1.63	1.17	1,168,256	7,788
2024	2.8	922.45	1.56	1.24	1,235,773	8,238

GLEN HAVEN WATER PLANT FLOW DATA						
YEAR	Total Design (MGD)	TOTAL ANNUAL FLOW (MG)	AVERAGE DAILY (MGD)	Total Design minus Average Daily (MGD)	Total Available (gpd)	
2020	0.0216	1.04	0.01	0.01	13,120	
2021	0.0216	3.06	0.01	0.01	13,213	-
2022	0.0216	2.70	0.01	0.01	14,335	-
2023	0.0216	2.99	0.01	0.01	13,573	-
2024	0.0216	0.42	0.01	0.01	14,874	-

CAVALAND WATER PLANT FLOW DATA						
YEAR	Total Design (MGD)	TOTAL ANNUAL FLOW (MG)	AVERAGE DAILY (MGD)	Total Design minus Average Daily (MGD)	Total Available (gpd)	
2020	0.036	0.59	0.005	0.03	31,210	
2021	0.036	1.91	0.01	0.03	30,766	
2022	0.036	1.84	0.005	0.03	31,041	
2023	0.036	1.79	0.005	0.03	31,186	
2024	0.036	0.00	0.00	0.03	31,313	

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

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

2023		
	Total (MG)	AVERAGE (MG)
JANUARY	50,324,969	1,623,386
FEBRUARY	44,512,256	1,589,723
MARCH	51,243,776	1,653,025
APRIL	49,507,092	1,597,003
MAY	51,882,496	1,673,629
JUNE	51,245,216	1,653,071
JULY	53,546,017	1,727,291
AUGUST	53,866,467	1,737,628
SEPTEMBER	51,067,174	1,647,328
OCTOBER	49,781,275	1,605,848
NOVEMBER	47,073,432	1,518,498
DECEMBER	48,189,312	1,554,494
Annual Total	602,239,482	1,631,744

2024		
	Total (MG)	AVERAGE (MG)
JANUARY	48,027,207	1,549,265
FEBRUARY	44,217,320	1,579,190
MARCH		
APRIL		
MAY		
JUNE		
JULY		
AUGUST		
SEPTEMBER		
OCTOBER		
NOVEMBER		
DECEMBER		
Annual Total	92,244,527	1,564,227

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

2023		
	Total (MG)	AVERAGE (MG)
JANUARY	233,300	7,526
FEBRUARY	184,300	5,945
MARCH	218,200	7,039
APRIL	234,800	7,574
MAY	264,800	8,542
JUNE	268,900	8,674
JULY	325,100	10,487
AUGUST	281,300	9,074
SEPTEMBER	265,600	8,568
OCTOBER	233,900	7,545
NOVEMBER	242,500	7,823
DECEMBER	233,500	7,532
Annual Total	2,986,200	8,027

2024		
	Total (MG)	AVERAGE (MG)
JANUARY	234,900	7,577
FEBRUARY	182,100	5,874
MARCH		
APRIL		
MAY		
JUNE		
JULY		
AUGUST		
SEPTEMBER		
OCTOBER		
NOVEMBER		
DECEMBER		
Annual Total	417,000	6,726

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

2023		
	Total (MG)	AVERAGE (MG)
JANUARY	134,900	4,352
FEBRUARY	122,700	3,958
MARCH	140,000	4,516
APRIL	143,100	4,616
MAY	153,400	4,948
JUNE	166,200	5,361
JULY	166,400	5,368
AUGUST	170,400	5,497
SEPTEMBER	163,600	5,277
OCTOBER	140,600	4,535
NOVEMBER	143,200	4,619
DECEMBER	146,400	4,723
Annual Total	1,790,900	4,814

2024		
	Total (MG)	AVERAGE (MG)
JANUARY	155,600	5,019
FEBRUARY	135,000	4,355
MARCH		
APRIL		
MAY		
JUNE		
JULY		
AUGUST		
SEPTEMBER		
OCTOBER		
NOVEMBER		
DECEMBER		
Annual Total	290,600	4,687

CHARLES TOWN UTILITY BOARD
GD&F ENGINEER'S REPORT
MARCH 2024

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

- The Contractor (Alvarez) poured the new transformer concrete pad near the new Electrical Building. Mechanical piping and Centrifuge Connections continue inside the Centrifuge Building including new polymer feed system. Electrical duct banks are nearing completion and panels are being placed as they arrive.
- The Contractor plans to continue mechanical work inside the Centrifuge building as well floor coatings/wall painting. Site work around the transformer has continued and they expect to complete the piping and grating at the new WAS Vault. Electrical equipment will be installed as it arrives.
- The current contract times for Substantial Completion is June 24 and Final Completion is September 22, 2024. Alvarez reported additional delays in electrical equipment delivery, but is working with the supplier for a temporary solution to maintain the schedule to the best extent possible. ATS not expected now until September.
- 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.
- 16 Work Change Directives have been issued to date.
- The next Progress Meeting is scheduled for April 4, 2024.
- Alvarez submitted Application for Payment No. 17 in the amount of $254,947.95. This Application has been reviewed and approved by GD&F and CTUB.
- See below for construction progress photos.

Charles Town Water Plant Intake VFD Project

- The new telemetry panel has been installed. The VFD and telemetry system manufacturers have startup scheduled for the week of March 25. S&S will have all the wiring completed before startup.

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. GD&F will prepare the next quarterly update.

Kings Crossing Sewer Tie-in at Water Plant

- GD&F is in the processes of completing final design for the proposed forcemain, pump station, and recycle line for the water plant. All site civil and process mechanical drawings are complete. GD&F made a site visit on March 6 to confirm electrical design. Design will be complete in one month.

Cantor Hollow Pump Station

- GD&F has been designing the new sewerage pump station for Cantor Hollow. Mechanical design is complete, civil and electrical design to be completed this month.

Page Jackson Elementary School Water and Sewer Service Evaluation

- GD&F performed a high-level water and sewer service evaluation for the Page Jackson Elementary School. Waiting on school to answer questions.

Greenfield Forcemain Construction Administration

- GD&F attended the Preconstruction Meeting on February 22. The Contractor (Delauter) & GD&F have been in contact regarding submittals, RFIs and field directives. A new 12" boring is necessary beneath Route 340.



New Polymer Bulk Tank



New Polymer Feed System

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

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	$	57,969.45	2023 FORD F-350 (MAINT DEPT)
8/9/2023	FLEET TRUCKS & EQUIPMENT	$	14,853.32	JD 17G MINI ESCAVATOR
9/13/2023	FLEET TRUCKS & EQUIPMENT	$	54,447.61	2023 FORD F-150 (WATER PLANT)
10/26/2023		$	19,926.31	VERTICAL TURBINE - WTP (Approved FY 2023)
11/15/2023		$	24,432.92	CONVERTED 2018 DODGE TO DUMPTRUCK (FY 2023)
12/5/2023	SAFETY/EMERGENCY EQUIPMENT	$	25,974.00	GENERATOR (GLEN HAVEN)
3/13/2024	VALVE MAINT TRAILER & FLEET/EQUIPMENT	$	122,500.00	DUMP TRUCK FOR MAINT DEPT
3/13/2024	WTP RIVER INTAKE VFD	$	23,066.00	PANEL FOR INTAKE PUMPS
TOTAL		**$**	**425,588.91**	

CAPITAL EXPENDITURE BUDGET VS. ACTUAL

BUDGET LINE ITEM	BUDGET	FY 2023	AS OF 3/13/2024	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	-	(149,770.38)	229.62
*VALVE MAINTENANCE TRAILER	100,000.00	-	(100,000.00)	-
SAFETY/EMERGENCY EQUIPMENT	50,000.00	-	(25,974.00)	24,026.00
METER REPLACEMENT	150,000.00	-	-	150,000.00
WTP RIVER INTAKE VFD INSTALLATION	232,900.00	(82,419.30)	(23,066.00)	127,414.70
VERTICAL TURBINE - WTP (APPROVED FY 2023)	-	-	(19,926.31)	(19,926.31)
CONVERTED 2018 DODGE TO DUMPTRUCK (APPROVED FY 2023)	-	-	(24,432.92)	(24,432.92)
TOTAL CAPITAL EXPENDITURE BUDGET	**$ 742,900.00**	**$ (82,419.30)**	**$ (343,169.61)**	**$ 317,311.09**

*VALVE MAINTENANCE TRAILER WILL BE INCLUDED ON FUTURE CAPITAL BUDGET - NOT NEEDED IN FY 2024

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

CAPITAL EXPENDITURE DISBURSEMENT REPORT

DATE	BUDGET LINE ITEM	AMOUNT	DESCRIPTION
8/3/2023	FLEET TRUCKS & EQUIPMENT	$ 61,969.00	2022 FORD F-250 (SEWER DEPT)
8/9/2023	FLEET TRUCKS & EQUIPMENT	14,853.32	JD 17G MINI ESCAVATOR
9/13/2023	PUMP STATION REPAIRS/REHAB	31,642.02	WENDY'S PS UPGRADE
2/28/2024	REPLACEMENT PUMPS/EQUIPMENT	22,720.00	SOFT START @ CTWWP
3/13/2024	STANDARD WORK FLEET	60,000.00	2024 CHEVROLET SILVERADO 2500
TOTAL		**$ 191,184.34**	

CAPITAL EXPENDITURE BUDGET VS. ACTUAL

BUDGET LINE ITEM	BUDGET	DISBURSEMENTS AS OF 2/28/2024	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	(76,822.32)	3,177.68
STANDARD WORK FLEET	60,000.00	(60,000.00)	-
OFFICE STANDARD FLEET	20,000.00	-	20,000.00
REPLACEMENT PUMPS/EQUIPMENT	100,000.00	(22,720.00)	77,280.00
MANHOLE SUPPLIES FOR REHAB	75,000.00	-	75,000.00
PUMP STATION REPAIRS/REHABILITATION	200,000.00	(31,642.02)	168,357.98
COLLECTION SYSTEM REPAIRS/REHABILTATION	125,000.00	-	125,000.00
TOTAL CAPITAL EXPENDITURE BUDGET	**$ 720,000.00**	**$ (191,184.34)**	**$ 528,815.66**

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
			TOTAL:	148.55
WV AMERICAN WATER	SHUTOFFS & RECONNECTS	SEWER FUND	SEWER	840.00
			TOTAL:	840.00
WV WATER DEVELOPMENT AUTHORITY	#2017-175 INFRSCTR FNDPRJC	SEWER FUND	NON-DEPARTMENTAL	1,303.34
			TOTAL:	1,303.34
WV ASSOC OF COUNTIES GROUP SELF-INSURA	QUARTERLY	WATER FUND	WATER	20,747.00
	QUARTERLY	SEWER FUND	SEWER	20,747.00
			TOTAL:	41,494.00

FUND TOTALS		
50	WATER FUND	99,739.13
60	SEWER FUND	376,466.91
	GRAND TOTAL:	476,206.04

TOTAL PAGES: 5

APPROVED BY: _____

APPROVED BY: _____

This Packet:	$ 476,206.04
UB overpayment refund, check dated 2/28/2024:	42.11
CT Sewer, check dated 2/28/2024:	27,539.36
CT Water, check dated 2/28/2024:	10,964.08
Pace Analytical, check dated 2/28/2024:	2,302.10
Total:	$ 517,053.69

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
STEPTOE & JOHNSON PLLC	GEN FNCNG/RGLTRY MTRS	SEWER FUND	NON-DEPARTMENTAL	148.75
			TOTAL:	148.75
STH, INC.	RPLCMNT PMP CRANES LN PS	SEWER FUND	SEWER	8,600.00
			TOTAL:	8,600.00
SUPERIOR AUTO BODY, LLC	WATER VEHICLE REPAIR	WATER FUND	WATER	2,251.48
			TOTAL:	2,251.48
GERALD TAYLOR CO., INC.	PUMP / TRANSPORT	WATER FUND	WATER	470.55
	PUMP / TRANSPORT	WATER FUND	WATER	612.51
	TRANSPORT	SEWER FUND	SEWER	1,049.40
	PUMP / TRANSPORT	SEWER FUND	SEWER	944.46
	PUMP / TRANSPORT	SEWER FUND	SEWER	3,655.23
			TOTAL:	6,732.15
THE CI THORNBURG CO, INC.	RTU PANEL	WATER FUND	NON-DEPARTMENTAL	16,126.00
	RTU PANEL	WATER FUND	NON-DEPARTMENTAL	6,940.00
	MISC ELECTRICAL ITEMS	WATER FUND	WATER	320.95
	1-1/2" & 2" OMNI RETROFITR	WATER FUND	WATER	2,598.47
	ANGLECHECK VALVE @ RIVERST	WATER FUND	WATER	8,365.61
			TOTAL:	34,351.03
U.S. BANK	OFFICE SUPPLIES	WATER FUND	WATER	983.74
	SUBSCRIPTIONS	WATER FUND	WATER	56.29
	MAINT METERS	WATER FUND	WATER	169.19
	PMPNG SUPPLIES	WATER FUND	WATER	259.27
	WTP SUPPLIES	WATER FUND	WATER	925.35
	GH/CAV SUPPLIES	WATER FUND	WATER	521.44
	MAINT SUPPLIES	WATER FUND	WATER	1,796.25
	UNIFORM EXPENSE	WATER FUND	WATER	22.83
	ADVERTISING	WATER FUND	WATER	537.54
	TOOLS EXPENSE	WATER FUND	WATER	602.85
	TRANSPORTATION	WATER FUND	WATER	16.70
	OFFICE SUPPLIES	SEWER FUND	SEWER	946.62
	SUBSCRIPTIONS	SEWER FUND	SEWER	56.28
	TRMNT &DSPSL SUPPLIES	SEWER FUND	SEWER	1,961.82
	UNIFORM EXPENSE	SEWER FUND	SEWER	139.09
	TRMNT &DSPSL DRFLD	SEWER FUND	SEWER	47.47
	PMPSTN SUPPLIES	SEWER FUND	SEWER	168.66
	PMPSTN MAINT	SEWER FUND	SEWER	50.08
	TWWTP CLLCTN SYSTM	SEWER FUND	SEWER	389.11
	CHEMICALS	SEWER FUND	SEWER	113.76
	TRAINING	SEWER FUND	SEWER	360.00
	GEN EXPENSE	SEWER FUND	SEWER	70.94
	TOOLS EXPENSE	SEWER FUND	SEWER	112.28
			TOTAL:	10,307.56
HD SUPPLY INC	GLOVES	SEWER FUND	SEWER	393.66
	TRANSMITTER, GLOVES, TESTI	SEWER FUND	SEWER	941.74
	TRANSMITTER, GLOVES, TESTI	SEWER FUND	SEWER	1,272.91
	TRANSMITTER	SEWER FUND	SEWER	889.95-
			TOTAL:	1,718.36
WAKEFIELD & ASSOCIATES INC	FEB COLLECTIONS	WATER FUND	WATER	74.27
	FEB COLLECTIONS	SEWER FUND	SEWER	74.28

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
MICRO-TECH DESIGNS, INC.	TMVWR SPPRT TWWTP RPRTS	SEWER FUND	SEWER	676.00
			TOTAL:	676.00
SECURITY DEPOSIT REFUNDS	102-000895	WATER FUND	NON-DEPARTMENTAL	91.36
	102-001605	WATER FUND	NON-DEPARTMENTAL	89.13
	103-001340	WATER FUND	NON-DEPARTMENTAL	50.26
	106-001285	WATER FUND	NON-DEPARTMENTAL	50.47
	106-001490	WATER FUND	NON-DEPARTMENTAL	13.98
	108-000260	WATER FUND	NON-DEPARTMENTAL	19.16
	108-000264	WATER FUND	NON-DEPARTMENTAL	102.51
	203-000705	WATER FUND	NON-DEPARTMENTAL	128.57
	204-001335	WATER FUND	NON-DEPARTMENTAL	61.94
	401-000086	WATER FUND	NON-DEPARTMENTAL	48.56
	401-000444	WATER FUND	NON-DEPARTMENTAL	75.07
	401-000458	WATER FUND	NON-DEPARTMENTAL	78.56
	401-000472	WATER FUND	NON-DEPARTMENTAL	67.99
	401-000447	WATER FUND	NON-DEPARTMENTAL	89.13
	401-000880	WATER FUND	NON-DEPARTMENTAL	3.79
	501-000089	WATER FUND	NON-DEPARTMENTAL	24.92
	504-500043	WATER FUND	NON-DEPARTMENTAL	88.48
	504-900013	WATER FUND	NON-DEPARTMENTAL	63.27
	504-900014	WATER FUND	NON-DEPARTMENTAL	41.66
	504-900019	WATER FUND	NON-DEPARTMENTAL	50.67
	504-900023	WATER FUND	NON-DEPARTMENTAL	68.69
	504-900024	WATER FUND	NON-DEPARTMENTAL	77.70
	504-900029	WATER FUND	NON-DEPARTMENTAL	61.49
	702-003620	WATER FUND	NON-DEPARTMENTAL	30.17
	702-003630	WATER FUND	NON-DEPARTMENTAL	30.17
	702-003700	WATER FUND	NON-DEPARTMENTAL	30.17
	704-001210	WATER FUND	NON-DEPARTMENTAL	536.20
			TOTAL:	2,074.07
THOMAS NALLS	JAN TANK LOT RENT	WATER FUND	NON-DEPARTMENTAL	3,889.92
	FEB TANK LOT RENT	WATER FUND	NON-DEPARTMENTAL	3,889.92
			TOTAL:	7,779.84
LOGICAL CONCEPTS, INC	PS MONITORING	SEWER FUND	SEWER	72.00
	PS MONITORING	SEWER FUND	SEWER	340.74
			TOTAL:	412.74
PACE ANALYTICAL SERVICES, LLC	TESTING: NH3/AL	SEWER FUND	SEWER	209.80
	TESTING: TUSC WKLY	SEWER FUND	SEWER	154.70
	TESTING: CT WKLY	SEWER FUND	SEWER	292.60
			TOTAL:	657.10
RAILROAD MGMT CO, IV LLC	RANSON, PIPE WATER LICENSE	WATER FUND	WATER	648.00
			TOTAL:	648.00
ROSS H BARE	CTWWTP EFFLUENT PMP#2 CRCT	SEWER FUND	SEWER	240.00
			TOTAL:	240.00
DARRELL JONES	CLEANING 12/14/23 - 2/29/2	WATER FUND	WATER	1,073.30
	CLEANING 12/14/23 - 2/29/2	WATER FUND	WATER	300.00
	CLEANING 12/14/23 - 2/29/2	SEWER FUND	SEWER	1,073.29
	CLEANING 12/14/23 - 2/29/2	SEWER FUND	SEWER	600.00
			TOTAL:	3,046.59

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT		AMOUNT
COYNE CHEMICAL	AMMONIUM SULFATE40%, CP-83	WATER FUND	WATER		4,616.00
	HYDROGEN PEROXIDE 31% STD	SEWER FUND	SEWER		1,313.60
				TOTAL:	5,929.60
D.R. HORTON, INC.	SEWER UPSIZING PER AMEA	SEWER FUND	NON-DEPARTMENTAL		10,000.00
				TOTAL:	10,000.00
DELL MARKETING L.P.	SERVER @ 661	WATER FUND	WATER		347.76
	SERVER @ 661	SEWER FUND	SEWER		347.76
				TOTAL:	695.52
DEPT OF ENVIRONMENTAL PROTECTION	GRNDWTR,SLUDGE,WVNPDESFEES	SEWER FUND	SEWER		6,697.45
				TOTAL:	6,697.45
WV DEPT OF HEALTH & HUMAN SERVICES	BACTERIOLOGICAL TEST	WATER FUND	WATER		120.00
				TOTAL:	120.00
ENCOVA INSURANCE	INSTALLMENT	WATER FUND	WATER		1,439.88
	INSTALLMENT	SEWER FUND	SEWER		1,329.12
				TOTAL:	2,769.00
ERM & ASSOCIATES LLC	ESMNT ACQSTN 2023CLLCTNSYS	SEWER FUND	NON-DEPARTMENTAL		7,688.13
				TOTAL:	7,688.13
FREDERICKTOWNE LABS INC	TESTING	WATER FUND	WATER		47.00
	TESTING	SEWER FUND	SEWER		47.00
	TESTING	SEWER FUND	SEWER		47.00
				TOTAL:	141.00
GUTTMAN ENERGY	W/E 2/25/24	WATER FUND	WATER		874.22
	W/E 3/03/24	WATER FUND	WATER		505.79
	W/E 2/25/24	SEWER FUND	SEWER		1,050.23
	W/E 3/03/24	SEWER FUND	SEWER		1,049.82
				TOTAL:	3,480.06
PROTOUCH COMMUNICATIONS, LLC	FEB SVCS: AFTER-HRS EMERGE	WATER FUND	WATER		161.53
	FEB SVCS: AFTER-HRS EMERGE	SEWER FUND	SEWER		161.53
				TOTAL:	323.06
JOHN P PLACE, INC.	ANNUAL MAINT@ 4 PS	SEWER FUND	SEWER		3,560.00
				TOTAL:	3,560.00
MCKINNEY'S AUTO REPAIR	SEWER TRUCK SERVICE	SEWER FUND	SEWER		225.74
	SEWER VEHICLE SERVICE	SEWER FUND	SEWER		206.58
	SEWER TRUCK TOW	SEWER FUND	SEWER		100.00
				TOTAL:	532.32
METLIFE, INC	AD&D PAYABLE	WATER FUND	WATER		9.15
	LIFE PAYABLE	WATER FUND	WATER		44.28
	LTD PAYABLE	WATER FUND	WATER		302.76
	STD PAYABLE	WATER FUND	WATER		322.38
	AD&D PAYABLE	SEWER FUND	SEWER		10.07
	LIFE PAYABLE	SEWER FUND	SEWER		48.72
	LTD PAYABLE	SEWER FUND	SEWER		314.49
	STD PAYABLE	SEWER FUND	SEWER		337.28
				TOTAL:	1,389.13

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT		AMOUNT
3RD TIME TRUCKING	CLSS1 & I10 PICKUPS: 2/05/	WATER FUND	WATER		353.78
	CLSS1 & I10 PICKUPS: 2/05/	WATER FUND	WATER		353.78
	CLS1 & I10 PICKUPS: 2/22/2	WATER FUND	WATER		361.69
	CLS1 & I10 PICKUPS: 2/22/2	WATER FUND	WATER		361.69
				TOTAL:	1,430.94
ALS GROUP USA CORP	TESTING	WATER FUND	WATER		855.00
				TOTAL:	855.00
ALVAREZ CONTRACTORS, INC	WWTP PROJECT	SEWER FUND	NON-DEPARTMENTAL		254,947.95
				TOTAL:	254,947.95
AUTOZONE	MISC WATER TRUCK	WATER FUND	WATER		156.36
	JHS PS BATTERY	SEWER FUND	SEWER		141.42
				TOTAL:	297.78
BIEDLER'S ELECTRIC MOTOR REPAIR, INC.	WOODLAWN PS	SEWER FUND	SEWER		4,447.00
				TOTAL:	4,447.00
JP & RF BURNS PARTNERSHIP	FEB LOADS - 39	SEWER FUND	SEWER		6,981.00
				TOTAL:	6,981.00
CLAYTON SHICH	8"TAP@ STONESPRNG/KYSFRRY	WATER FUND	WATER		850.00
				TOTAL:	850.00
CHAMPION INDUSTRIES, INC	RETURN ENVELOPES	WATER FUND	WATER		29.46-
	PRINTING SVCS FEB	WATER FUND	WATER		2,178.39
	POSTAGE 4 PRINTING SVCS FE	WATER FUND	WATER		5,058.64
	RETURN ENVELOPES	WATER FUND	WATER		383.72-
	RETURN ENVELOPES	SEWER FUND	SEWER		29.46-
	PRINTING SVCS FEB	SEWER FUND	SEWER		2,178.38
	POSTAGE 4 PRINTING SVCS FE	SEWER FUND	SEWER		5,058.65
	RETURN ENVELOPES	SEWER FUND	SEWER		383.71-
				TOTAL:	13,647.71
CHS TRAFFIC CONTROL SERVICES, INC.	121 W WASHINGTON ST SWR LT	SEWER FUND	SEWER		1,050.00
				TOTAL:	1,050.00
CITY NATIONAL BANK	LOCKBOX SVCS: FEB	WATER FUND	WATER		123.08
	LOCKBOX SVCS: FEB	SEWER FUND	SEWER		123.08
				TOTAL:	246.16
COMSTOCK PLUMBING, LLC	N FAIRFAX BLVD 2/01/24	SEWER FUND	SEWER		9,926.06
				TOTAL:	9,926.06
CORE & MAIN	PE TUBE, CPLG	WATER FUND	WATER		591.24
	HYMAX CPLG	WATER FUND	WATER		696.72
	FIRELINE	WATER FUND	WATER		2,256.56
	MJ S/P SLV C153 IMP	WATER FUND	WATER		85.47
	BEND FIPXPJCTS, CPL	WATER FUND	WATER		805.66
	SETTER	SEWER FUND	SEWER		4,106.64
	SETTER	SEWER FUND	SEWER		4,215.24
	PVC SDR35	SEWER FUND	SEWER		502.56
	SWR PIPE, CPLG	SEWER FUND	SEWER		1,511.52
				TOTAL:	14,771.61