

**STATE OF WEST VIRGINIA, COUNTY OF UPSHUR, CITY OF BUCKHANNON, TO WIT:**

A regular meeting of the Buckhannon Sanitary Board was held on Thursday, December 15, 2022, at 7:30 a.m., in Council Chambers and by GoToMeeting (GTM). The following were in attendance:

Mayor	Robbie Skinner	Present
City Recorder	Randy Sanders	Present
Assistant Recorder/Director of Finance	Amberle Jenkins	Present
Director of Public Works	Jerry Arnold	Present
City Engineer	Jay Hollen	Present - GTM
Board Member	Phil Loftis	Present
Board Member	Mitchell Shaw	Present
Sanitary Superintendent	Ethan Crosten	Present

Guests: None

*City of Buckhannon Sanitary Board-7:30 A.M. at City Hall in Council Chambers  
Meeting Agenda for Thursday, December 15, 2022*

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- A. Call to Order**
  - A.1 Moment of Silence
  - A.2 Pledge to the Flag of the United States of America
- B. Recognized Guests**
  - B.1
- C. Finance Report-Amby**
  - C.1 November 2022
- D. Department Report**
  - D.1 33 West Extension North
  - D.2 33 West Extension South-JF Allen Co
  - D.3 Plant Operations-Testing
  - D.4 Maintenance Crew
  - D.5 Line Crew #1
  - D.6 Line Crew #2
  - D.7 ARPA Projects Update
  - D.8 Pump Station Generator Update
- E. Storm Water Issues for Discussion and/or Vote**
  - E.1 Discussion (Jay) Stormwater Grant/Loan Programs
- F. Correspondence and Information**
  - F.1
- G. Consent Agenda**
  - G.1 Approval of Minutes 10/20/2022 & 11/17/2022
- H. Strategic Issues for Discussion and/or Vote**
  - H.1 Recommendation Mechanical Bar Rack Purchase (Bid opening was held on 11/17/22)
  - H.2 Solar Panel System- Bidder Description Information & Specifications (Bid opening was held on 11/17/22)
  - H.3 Consulting Contract Sam Ludlow
  - H.4 Distribution of ARPA Funds
  - H.5 Corridor H South Infiltration & Inflow Issues
- I. Board Members Comments and Announcements**
- J. Adjournment**

Posted 12/09/2022

**A. Call to Order** - Mayor Skinner called the meeting to order followed by a moment of silence and pledge to the flag.

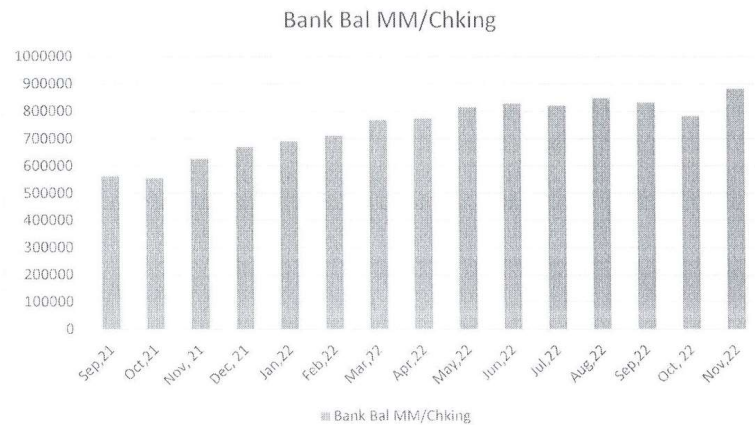
**B. Recognized Guests** – None

**C. Finance Report- Director of Finance and Administration - Amberle Jenkins**  
**C.1 November 2022** – Amberle Jenkins submitted and explained the following information:

SANITARY BOARD  
CITY OF BUCKHANNON  
BALANCE SHEET

Balance November 30, 2022

Money market checking	\$ 882,677.87
CD Working Capital (Citizens)	\$ 251,335.67
CD Working Capital (Citizens)	\$102,422.83
CD Working Capial (Community)	\$103,783.72



STORMWATER FUND  
Balance October 31, 2022   \$217,406.97

12-14-2022 12:57 PM		CITY OF BUCKHANNON REVENUE & EXPENSE REPORT (UNAUDITED) AS OF: NOVEMBER 30TH, 2022					
401-SANITARY		% OF YEAR COMPLETED: 41.67					
REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET	
<u>OTHER FEES</u>							
401-343-000-00 SEWER TAPS	1,000	720.00	1,440.00	0.00	( 440.00)	144.00	
TOTAL OTHER FEES	1,000	720.00	1,440.00	0.00	( 440.00)	144.00	
<u>UTILITY BILLINGS</u>							
401-350-000-00 SEWER CUSTOMERS BILLING	1,800,000	156,533.60	770,504.80	0.00	1,029,495.20	42.81	
TOTAL UTILITY BILLINGS	1,800,000	156,533.60	770,504.80	0.00	1,029,495.20	42.81	
<u>HEALTH AND SAFETY</u>							
401-351-000-00 BF SURCHARGE BILLING	0	0.00	0.00	0.00	0.00	0.00	
401-351-100-00 WST RD CONSMPT SURC BILLIN	0	0.00	0.00	0.00	0.00	0.00	
401-351-200-00 WST RD EXTEN SURCH BILLIN	0	250.00	1,250.00	0.00	( 1,250.00)	0.00	
401-352-000-00 INCOME FROM TENNERTON PSD	170,000	24,495.77	126,518.68	0.00	43,481.32	74.42	
TOTAL HEALTH AND SAFETY	170,000	24,745.77	127,768.68	0.00	42,231.32	75.16	
<u>CHARGES FOR SERVICES</u>							
401-362-000-00 DUE FROM GEN FUND-STORM S	0	0.00	0.00	0.00	0.00	0.00	
401-362-000-01 SEPTAGE HAULERS	40,000	2,838.00	15,971.00	0.00	24,029.00	39.93	
401-362-000-02 PROJECT MANAGEMENT FEES	0	0.00	0.00	0.00	0.00	0.00	
401-362-000-03 RT. 20 NORTH SEWER EXTENS	0	0.00	0.00	0.00	0.00	0.00	
401-362-000-04 JAWBONE RUN PROJECT	0	0.00	0.00	0.00	0.00	0.00	
401-362-000-05 IJDC GRANT	0	0.00	0.00	0.00	0.00	0.00	
TOTAL CHARGES FOR SERVICES	40,000	2,838.00	15,971.00	0.00	24,029.00	39.93	
<u>GRANTS</u>							
401-368-000-00 CONTRIBUTION REVENUE	0	0.00	0.00	0.00	0.00	0.00	
401-368-000-02 CONTRIB IN AID CONSTRUC	0	0.00	0.00	0.00	0.00	0.00	
TOTAL GRANTS	0	0.00	0.00	0.00	0.00	0.00	
<u>INTRAFUND CONTR/CHARGES</u>							
401-370-000-01 LATE CHARGES	23,000	2,484.75	12,299.63	0.00	10,700.37	53.48	
TOTAL INTRAFUND CONTR/CHARGES	23,000	2,484.75	12,299.63	0.00	10,700.37	53.48	
<u>OTHER REVENUE</u>							
401-379-000-00 GAIN/LOSS SALE OF FIXED A	0	0.00	0.00	0.00	0.00	0.00	
401-380-000-00 INTEREST	350	27.18	139.64	0.00	210.36	39.90	
401-380-000-01 SALE OF ASSETS	0	0.00	0.00	0.00	0.00	0.00	
401-381-000-00 SERVICES OF FLUSHER TRUCK	1,000	0.00	1,150.00	0.00	( 150.00)	115.00	
401-399-000-00 MISCELLANEOUS	1,000	41,525.28	42,453.28	0.00	( 41,453.28)	4,245.33	
401-399-000-01 RDT CAPLIZED LABEQ/SUPP	0	0.00	0.00	0.00	0.00	0.00	
TOTAL OTHER REVENUE	2,350	41,552.46	43,742.92	0.00	( 41,392.92)	1,861.40	
TOTAL REVENUE	2,036,350	228,874.58	971,727.03	0.00	1,064,622.97	47.72	

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CITY OF BUCKHANNON  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2022

401-SANITARY

% OF YEAR COMPLETED: 41.67

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
POWER/FUEL/UTILITY =====						
SALARIES & BENEFITS						
401-711-113-00 PLANT POWER	62,000	7,143.41	37,712.16	0.00	24,287.84	60.83
TOTAL SALARIES & BENEFITS	62,000	7,143.41	37,712.16	0.00	24,287.84	60.83
CONTRACTUAL SERVICES						
401-711-213-00 ELIAS STREET	24,000	0.00	9,892.12	0.00	14,107.88	41.22
TOTAL CONTRACTUAL SERVICES	24,000	0.00	9,892.12	0.00	14,107.88	41.22
COMMODITIES						
401-711-313-00 VICKSBURG	14,000	597.90	4,549.44	0.00	9,450.56	32.50
TOTAL COMMODITIES	14,000	597.90	4,549.44	0.00	9,450.56	32.50
CAPITAL OUTLAY						
401-711-413-00 EAST MAIN ST	7,000	0.00	2,035.80	0.00	4,964.20	29.08
TOTAL CAPITAL OUTLAY	7,000	0.00	2,035.80	0.00	4,964.20	29.08
CONTRIBUTIONS						
401-711-513-00 WOOD/RITCHIE STS	3,000	97.38	835.16	0.00	2,164.84	27.84
TOTAL CONTRIBUTIONS	3,000	97.38	835.16	0.00	2,164.84	27.84
NON-OPERATING EXPENSES						
401-711-613-00 MONONGALIA ST	1,600	84.07	593.96	0.00	1,006.04	37.12
401-711-713-00 DEANVILLE	1,000	68.45	349.70	0.00	650.30	34.97
401-711-813-00 ISLAND AVENUE	500	32.13	83.07	0.00	416.93	16.61
401-711-913-00 MADISON STREET	500	26.85	138.68	0.00	361.32	27.74
401-711-914-00 TJM SEWAGE STATION	500	26.40	218.31	0.00	281.69	43.66
401-711-915-00 WESTON ROAD	600	27.22	189.69	0.00	410.31	31.62
401-711-916-00 HAMPTON INN PS	350	9.97	144.41	0.00	205.59	41.26
401-711-917-00 BRUSHY FORK PS	570	31.94	183.89	0.00	386.11	32.26
401-711-918-00 RT 20 SEWER PUMP STATION	200	5.00	44.07	0.00	155.93	22.04
401-711-919-00 1 BUCKHANNON RD	200	16.94	60.82	0.00	139.18	30.41
401-711-920-00 PLANT VEHICLES-2,3,8	25,000	3,100.20	12,943.84	0.00	12,056.16	51.78
401-711-920-01 TENNERTON INTERCEPTOR	5,300	0.00	735.98	0.00	4,564.02	13.89
401-711-920-02 NATURAL GAS	3,000	366.60	473.55	0.00	2,526.45	15.79
401-711-921-00 BROOKE ST PUMP STA	3,200	229.35	1,338.33	0.00	1,861.67	41.82
401-711-922-00 INDUSTRIAL PK PS	0	0.00	0.00	0.00	0.00	0.00
401-711-923-00 65-67 CLEVELAND AVE	500	5.25	27.05	0.00	472.95	5.41
TOTAL NON-OPERATING EXPENSES	43,020	4,030.37	17,525.35	0.00	25,494.65	40.74
TOTAL POWER/FUEL/UTILITY	153,020	11,869.06	72,550.03	0.00	80,469.97	47.41

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CITY OF BUCKHANNON  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2022

401-SANITARY

% OF YEAR COMPLETED: 41.67

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
COMMODITIES						
401-712-345-00 UNIFORMS	8,730	556.37	3,027.56	0.00	5,702.44	34.68
TOTAL COMMODITIES	8,730	556.37	3,027.56	0.00	5,702.44	34.68
TOTAL UNIFORMS	8,730	556.37	3,027.56	0.00	5,702.44	34.68
LINES =====						
SALARIES & BENEFITS						
401-713-143-00 FACILITIES MAINTENANCE LI	8,600	38.75	1,512.63	0.00	7,087.37	17.59
TOTAL SALARIES & BENEFITS	8,600	38.75	1,512.63	0.00	7,087.37	17.59
CONTRACTUAL SERVICES						
401-713-243-00 SUPPLIES LINES	35,000	1,626.62	14,934.17	1,708.54	18,357.29	47.55
TOTAL CONTRACTUAL SERVICES	35,000	1,626.62	14,934.17	1,708.54	18,357.29	47.55
COMMODITIES						
401-713-343-00 STREET DEPT SERVICES LINE	2,000	0.00	0.00	0.00	2,000.00	0.00
TOTAL COMMODITIES	2,000	0.00	0.00	0.00	2,000.00	0.00
CAPITAL OUTLAY						
401-713-443-00 EQUIPMENT & MAINTENANCE L	25,000	426.13	8,048.76	65.44	16,885.80	32.46
TOTAL CAPITAL OUTLAY	25,000	426.13	8,048.76	65.44	16,885.80	32.46
TOTAL LINES	70,600	2,091.50	24,495.56	1,773.98	44,330.46	37.21
PLANT =====						
SALARIES & BENEFITS						
401-714-143-00 FACILITIES MAINTENANCE PL	14,000	696.81	8,642.54	412.29	4,945.17	64.68
TOTAL SALARIES & BENEFITS	14,000	696.81	8,642.54	412.29	4,945.17	64.68
CONTRACTUAL SERVICES						
401-714-243-00 LAB EXPENSE PLANT	16,000	2,454.05	10,767.93	355.00	4,877.07	69.52
TOTAL CONTRACTUAL SERVICES	16,000	2,454.05	10,767.93	355.00	4,877.07	69.52
COMMODITIES						
401-714-343-00 EQUIPMENT MAINTENANCE PLA	20,000	426.71	10,009.32	177.44	9,813.24	50.93
TOTAL COMMODITIES	20,000	426.71	10,009.32	177.44	9,813.24	50.93
CAPITAL OUTLAY						
401-714-443-00 PUMP STATION REPAIR & MAI	70,000	50.00	8,595.54	0.00	61,404.46	12.28
TOTAL CAPITAL OUTLAY	70,000	50.00	8,595.54	0.00	61,404.46	12.28



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CITY OF BUCKHANNON  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2022

401-SANITARY % OF YEAR COMPLETED: 41.67

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
<u>CONTRIBUTIONS</u>						
401-714-543-00 TELEPHONE	7,200	266.65	1,700.08	0.00	5,499.92	23.61
TOTAL CONTRIBUTIONS	7,200	266.65	1,700.08	0.00	5,499.92	23.61
<u>NON-OPERATING EXPENSES</u>						
401-714-643-00 OPERATION PLANT EXPENSE	12,000	328.62	4,113.90	66.93	7,819.17	34.84
401-714-743-00 TELEMETRY	2,600	0.00	718.80	0.00	1,881.20	27.65
TOTAL NON-OPERATING EXPENSES	14,600	328.62	4,832.70	66.93	9,700.37	33.56
TOTAL PLANT	141,800	4,222.84	44,548.11	1,011.66	96,240.23	32.13
<u>SALARIES PLANT/LINES</u> =====						
<u>SALARIES &amp; BENEFITS</u>						
401-715-101-00 PLANT LABOR	255,000	22,909.99	121,765.45	0.00	133,234.55	47.75
401-715-101-01 PLANT COMPENSA ABSENCES	0	0.00	0.00	0.00	0.00	0.00
401-715-101-10 CAPTLIZ SALARY&BENEFITS	0	0.00	0.00	0.00	0.00	0.00
401-715-103-00 LINE LABOR	410,000	17,183.34	105,194.28	0.00	304,805.72	25.66
401-715-103-01 LINE COMPENS ABSENCE	0	0.00	0.00	0.00	0.00	0.00
401-715-103-10 CAPITLIZE SALARY&BENEFITS	0	0.00	0.00	0.00	0.00	0.00
401-715-104-00 FICA TAX	0	0.00	0.00	0.00	0.00	0.00
401-715-105-00 HEALTH INSURANCE	0	0.00	0.00	0.00	0.00	0.00
401-715-106-00 GROUP RETIREMENT	0	0.00	0.00	0.00	0.00	0.00
TOTAL SALARIES & BENEFITS	665,000	40,093.33	226,959.73	0.00	438,040.27	34.13
<u>CONTRACTUAL SERVICES</u>						
401-715-226-00 UNEMPLOYMENT/COMPENSATION	0	0.00	0.00	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	0	0.00	0.00	0.00	0.00	0.00
TOTAL SALARIES PLANT/LINES	665,000	40,093.33	226,959.73	0.00	438,040.27	34.13
<u>SALARIES BOARD/OFFICE</u> =====						
<u>SALARIES &amp; BENEFITS</u>						
401-716-101-00 BOARD SALARIES	6,000	1,000.00	5,000.00	0.00	1,000.00	83.33
401-716-101-01 COMPENS ABSENCE	0	0.00	0.00	0.00	0.00	0.00
401-716-103-00 OFFICE/CLERK ADM SALARIES	155,200	11,781.39	66,631.17	0.00	88,568.83	42.93
401-716-103-01 OFFICE COMP ABSENCE	0	0.00	0.00	0.00	0.00	0.00
401-716-104-00 FICA TAX	0	0.00	0.00	0.00	0.00	0.00
401-716-105-00 HEALTH INSURANCE	0	0.00	0.00	0.00	0.00	0.00
401-716-106-00 GROUP RETIREMENT	0	0.00	0.00	0.00	0.00	0.00
TOTAL SALARIES & BENEFITS	161,200	12,781.39	71,631.17	0.00	89,568.83	44.44

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CITY OF BUCKHANNON  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2022

401-SANITARY % OF YEAR COMPLETED: 41.67

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
<u>CONTRACTUAL SERVICES</u>						
401-716-226-00 UNEMPLOYMENT/COMPENSATION	0	0.00	0.00	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	0	0.00	0.00	0.00	0.00	0.00
TOTAL SALARIES BOARD/OFFICE	161,200	12,781.39	71,631.17	0.00	89,568.83	44.44
<u>FICA/INSURANCE</u> =====						
<u>SALARIES &amp; BENEFITS</u>						
401-718-104-00 FICA TAX	52,000	4,052.93	22,889.47	0.00	29,110.53	44.02
401-718-105-00 HEALTH INSURANCE	163,000	8,553.56	73,025.64	0.00	89,974.36	44.80
TOTAL SALARIES & BENEFITS	215,000	12,606.49	95,915.11	0.00	119,084.89	44.61
TOTAL FICA/INSURANCE	215,000	12,606.49	95,915.11	0.00	119,084.89	44.61
<u>RETIREMENT</u> =====						
<u>SALARIES &amp; BENEFITS</u>						
401-719-106-00 GROUP RETIREMENT	68,000	4,609.29	25,825.31	0.00	42,174.69	37.98
TOTAL SALARIES & BENEFITS	68,000	4,609.29	25,825.31	0.00	42,174.69	37.98
TOTAL RETIREMENT	68,000	4,609.29	25,825.31	0.00	42,174.69	37.98
<u>UNEMPLOYMENT/COMPENSATION</u> =====						
<u>CONTRACTUAL SERVICES</u>						
401-720-226-00 UNEMPLOYMENT/COMPENSATION	20,600	1,212.99	7,169.38	0.00	13,430.62	34.80
TOTAL CONTRACTUAL SERVICES	20,600	1,212.99	7,169.38	0.00	13,430.62	34.80
TOTAL UNEMPLOYMENT/COMPENSATION	20,600	1,212.99	7,169.38	0.00	13,430.62	34.80
<u>BILLING/COMPUTER/DEP INT</u> =====						
<u>CONTRACTUAL SERVICES</u>						
401-783-232-00 MUN BOND FEES	0	0.00	0.00	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	0	0.00	0.00	0.00	0.00	0.00
<u>COMMODITIES</u>						
401-783-341-00 BILLING & COLLECTING	52,000	3,636.63	30,559.35	0.00	21,440.65	58.77
401-783-341-05 BILLING WAT BD METER READ	3,600	300.00	1,500.00	0.00	2,100.00	41.67
401-783-342-00 NEW COMPUTER CAPITAL OUTL	6,000	0.00	1,335.08	0.00	4,664.92	22.25

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CITY OF BUCKHANNON  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2022

401-SANITARY % OF YEAR COMPLETED: 41.67

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
401-783-369-00 CUSTOMER DEP INTEREST PAI	1,000	2.05	9.14	0.00	990.86	0.91
TOTAL COMMODITIES	62,600	3,938.68	33,403.57	0.00	29,196.43	53.36
NON-OPERATING EXPENSES						
401-783-670-00 DEPOSIT INTEREST EXPENSE	0	0.00	0.00	0.00	0.00	0.00
401-783-699-00 CONTINGENCY SAN BD DETERM	350,000	0.00	9,565.00	0.00	340,435.00	2.73
TOTAL NON-OPERATING EXPENSES	350,000	0.00	9,565.00	0.00	340,435.00	2.73
TOTAL BILLING/COMPUTER/DEP INT	412,600	3,938.68	42,968.57	0.00	369,631.43	10.41
OFFICE EXPENSE						
COMMODITIES						
401-793-341-00 OFFICE SUPPLIES & EXPENSE	49,000	2,940.57	24,278.22	258.69	24,463.09	50.08
TOTAL COMMODITIES	49,000	2,940.57	24,278.22	258.69	24,463.09	50.08
TOTAL OFFICE EXPENSE	49,000	2,940.57	24,278.22	258.69	24,463.09	50.08
PSC ASSESS/DNR PERMIT						
SALARIES & BENEFITS						
401-797-116-00 PSC ASSESSMENTS	7,600	0.00	5,356.65	0.00	2,243.35	70.48
401-797-117-00 DNR PERMIT	3,000	0.00	0.00	0.00	3,000.00	0.00
TOTAL SALARIES & BENEFITS	10,600	0.00	5,356.65	0.00	5,243.35	50.53
TOTAL PSC ASSESS/DNR PERMIT	10,600	0.00	5,356.65	0.00	5,243.35	50.53
PROPERTY INSURANCE						
CONTRACTUAL SERVICES						
401-798-226-00 PROPERTY INSURANCE	46,500	2,226.43	18,664.78	5,950.00	21,885.22	52.94
401-798-227-00 INSURANCE CLAIMS DAMAGE D	0	0.00	0.00	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	46,500	2,226.43	18,664.78	5,950.00	21,885.22	52.94
TOTAL PROPERTY INSURANCE	46,500	2,226.43	18,664.78	5,950.00	21,885.22	52.94
RENTS						
CONTRACTUAL SERVICES						
401-803-219-00 RENTS	10,000	0.00	0.00	0.00	10,000.00	0.00
TOTAL CONTRACTUAL SERVICES	10,000	0.00	0.00	0.00	10,000.00	0.00
TOTAL RENTS	10,000	0.00	0.00	0.00	10,000.00	0.00

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401-SANITARY % OF YEAR COMPLETED: 41.67

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
PROFESSIONAL						
CONTRACTUAL SERVICES						
401-896-223-00 PROFESSIONAL SERVICES	44,500	1,250.00	5,561.50	0.00	38,938.50	12.50
TOTAL CONTRACTUAL SERVICES	44,500	1,250.00	5,561.50	0.00	38,938.50	12.50
TOTAL PROFESSIONAL	44,500	1,250.00	5,561.50	0.00	38,938.50	12.50
BOND A						
SALARIES & BENEFITS						
401-970-199-00 BOND ISSUE #A	171,000	14,144.97	71,064.33	0.00	99,935.67	41.56
TOTAL SALARIES & BENEFITS	171,000	14,144.97	71,064.33	0.00	99,935.67	41.56
TOTAL BOND A	171,000	14,144.97	71,064.33	0.00	99,935.67	41.56
BOND B						
SALARIES & BENEFITS						
401-980-199-00 BOND ISSUE #B	28,000	2,253.00	11,319.06	0.00	16,680.94	40.43
TOTAL SALARIES & BENEFITS	28,000	2,253.00	11,319.06	0.00	16,680.94	40.43
TOTAL BOND B	28,000	2,253.00	11,319.06	0.00	16,680.94	40.43
CAPITAL/PROJECTS						
CAPITAL OUTLAY						
401-997-451-00 PLANT - CAPITAL	150,000	0.00	0.00	0.00	150,000.00	0.00
401-997-451-01 STORMWATER	0	0.00	0.00	0.00	0.00	0.00
401-997-451-02 BELT PRESS PROJECT	0	0.00	0.00	0.00	0.00	0.00
401-997-451-03 BROOK ST/PS SEWER UPGRADE	0	0.00	0.00	0.00	0.00	0.00
401-997-451-04 FEMA GENERATOR	0	0.00	0.00	0.00	0.00	0.00
401-997-452-00 SEWER EXT. - CAPITAL	37,200	0.00	0.00	0.00	37,200.00	0.00
401-997-453-00 STORM SEWER PROJECTS	0	0.00	0.00	0.00	0.00	0.00
401-997-454-00 NEW EQUIPMENT-CAPITAL	74,000	4,142.35	103,897.72	0.00	29,897.72	140.40
401-997-454-01 NEW EQUIP-BORE MACHINE	0	0.00	0.00	0.00	0.00	0.00
401-997-455-00 SEWER UPGRADE-CAPITAL	83,000	151.78	44,815.77	607.01	37,577.22	54.73
401-997-456-00 WESTON ROAD NORTH SIDE	0	0.00	0.00	0.00	0.00	0.00
401-997-456-01 WESTON RD -SOUTH SIDE	0	0.00	0.00	0.00	0.00	0.00
401-997-457-00 CAPITAL PURCHASE	40,000	0.00	0.00	0.00	40,000.00	0.00
401-997-458-00 EXP BRUSHY FRK TO GEN FUN	0	0.00	0.00	0.00	0.00	0.00
401-997-499-00 MISCELLANEOUS PROJECTS	0	0.00	0.00	0.00	0.00	0.00
TOTAL CAPITAL OUTLAY	384,200	4,294.13	148,713.49	607.01	234,879.50	38.87



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CITY OF BUCKHANNON  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: NOVEMBER 30TH, 2022

401-SANITARY

% OF YEAR COMPLETED: 41.67

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
CONTRIBUTIONS						
401-997-570-00 DEPRECIATION CURRENT YEAR	0	0.00	0.00	0.00	0.00	0.00
TOTAL CONTRIBUTIONS	0	0.00	0.00	0.00	0.00	0.00
TOTAL CAPITAL/PROJECTS	384,200	4,294.13	148,713.49	607.01	234,879.50	38.87
DEPREC/AMORT/CONSTR						
=====						
CAPITAL OUTLAY						
401-999-459-00 DEPRECIATION	0	0.00	0.00	0.00	0.00	0.00
401-999-460-00 AMORTIZATION	0	0.00	0.00	0.00	0.00	0.00
401-999-461-00 ADVANCE FOR CONSTRUCTION	0	0.00	0.00	0.00	0.00	0.00
401-999-462-00 CONTRIBUTION BUDGETED TO	0	0.00	0.00	0.00	0.00	0.00
401-999-465-00 REPAY LOAN - CITY OF BUCK	0	0.00	0.00	0.00	0.00	0.00
TOTAL CAPITAL OUTLAY	0	0.00	0.00	0.00	0.00	0.00
CONTRIBUTIONS						
401-999-504-63 AMORT ISSUE COST (96 BOND	0	0.00	0.00	0.00	0.00	0.00
401-999-504-65 BOND ISSUANCE COST	0	0.00	0.00	0.00	0.00	0.00
TOTAL CONTRIBUTIONS	0	0.00	0.00	0.00	0.00	0.00
TOTAL DEPREC/AMORT/CONSTR	0	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES	2,660,350	121,091.04	900,048.56	9,601.34	1,750,700.10	34.19
REVENUE OVER/(UNDER) EXPENDITURES	( 624,000)	107,783.54	71,678.47 (	9,601.34) (	686,077.13)	9.95-

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disbursements 11-01-22 to 11-30-22

FUND: SANITARY

DEPARTMENT	VENDOR NAME	GL ACCOUNT	ACCOUNT DESCRIPTION	DESCRIPTION		
POWER/FUEL/UTILITY	MON POWER	711-713-00	DEANVILLE	110086407977 DEANVILLE		
		711-313-00	VICKSBURG	110086525471 SYCAMORE		
		711-913-00	MADISON STREET	110087327497 RANDOLPH		
		711-513-00	WOOD/RITCHIE STS	110086976856 WOOD		
		711-916-00	HAMPTON INN PS	110087568348 WBUC RD		
		711-813-00	ISLAND AVENUE	110088930133 ISLAND AVE	32.13	
		711-914-00	TJM SEWAGE STATION	110087907595 TJM SEWAGE PL	26.40	
		711-915-00	WESTON ROAD	110087676356 WESTON RD	27.22	
		711-917-00	BRUSHY FORK PS	110085299060 BRUSHY FORK R	31.94	
		711-918-00	RT 20 SEWER PUMP STA	110 088 984 965 RT 20	5.00	
	711-113-00	PLANT POWER	110 088 308 280 RT. 5	7,143.41		
	711-613-00	MONONGALIA ST	110082080448 MON & WOOD ST	84.07		
	711-919-00	1 BUCKHANNON RD	110 088 263 998 BUCKHANNO	16.94		
	711-921-00	BROOKE ST PUMP STA	110 100961546 BROOKE ST	229.35		
	711-923-00	65-67 CLEVELAND AVE	110142423661 65-67 CLEVELA	5.25		
	GREYLOCK PIPELINE, LLC	711-920-02	NATURAL GAS	OCTOBER 2022 SALES	366.60	
		WORLD FUEL SERVICES, INC.	711-920-00	PLANT VEHICLES-2,3,8	SANITARY FUEL BILL OCT 202	3,100.20
			TOTAL:			11,869.06
		12-06-2022 03:40 PM disbursements 11-01-22 to 11-30-22				
	FUND: SANITARY					
DEPARTMENT	VENDOR NAME	GL ACCOUNT	ACCOUNT DESCRIPTION	DESCRIPTION	AMOUNT	
UNIFORMS	UNIFIRST CORP.	712-345-00	UNIFORMS	ALL DEPT UNIFORMS NOV 2022	556.37	
				TOTAL:	556.37	
LINES	SOUTHERN STATES COOP INC	713-243-00	SUPPLIES LINES	C CLIP, OIL MIX CNCRT SAW	12.89	
	RITE-WAY HEATING & PLUMBING	713-243-00	SUPPLIES LINES	8X6 TEE	81.60	
	NAPA-AMTOWER AUTO SUPPLY	713-443-00	EQUIPMENT & MAINTENA	SPARK PLUG - CONCRETE SAW	2.33	
	CODY TENNEY	713-143-00	FACILITIES MAINTENAN	REIMB CDL RENEWAL FEE	38.75	
	MISS UTILITY OF WEST VIRGINI	713-443-00	EQUIPMENT & MAINTENA	OCT 2022 MESSAGE FEES	31.00	
	LOWES BUSINESS ACCOUNTS	713-243-00	SUPPLIES LINES	SCREW DRIVER SET	16.14	
		713-443-00	EQUIPMENT & MAINTENA	CARRIAGE BOLTS P17	18.36	
	BRUFFEY TRUCKING INC	713-243-00	SUPPLIES LINES	57 STONE FOR RESTOCK	681.18	
	STATE EQUIPMENT INC.	713-443-00	EQUIPMENT & MAINTENA	CONCRETE SAW PARTS	86.01	
		713-243-00	SUPPLIES LINES	C CLIP FOR CONCRETE SAW	1.88	
	ACE HARDWARE & CONTRACTOR SU	713-243-00	SUPPLIES LINES	(2) 50' DISCHARGE HOSES	99.98	
	DEREK MARSH	713-243-00	SUPPLIES LINES	REIMB COMPOSITE TOE BOOTS	211.95	
	FERGUSON WATERWORKS	713-243-00	SUPPLIES LINES	FITTINGS FOR RESTOCK	521.00	
	JOHN M. SPAUR DBA TENNERTON	713-443-00	EQUIPMENT & MAINTENA	MOUNT 4 TIRES P-17	288.43	
	TOTAL:				2,091.50	
	PLANT	CAVCON SYSTEMS INC	714-243-00	LAB EXPENSE PLANT	FLOW CHARTS & PENS	772.05
		SOUTHERN STATES COOP INC	714-143-00	FACILITIES MAINTENAN	10 CASES WATER	69.90
WV BUREAU FOR PUBLIC HEALTH		714-643-00	OPERATION PLANT EXPE	JOSH STREETS CLASS II CERT	150.00	
J T MARTIN COMPANY INC		714-143-00	FACILITIES MAINTENAN	RECHARGE EXTINGUISHERS	193.88	
C.I. THORNBURG CO., INC.		714-343-00	EQUIPMENT MAINTENANC	STRAINER REPAIR KIT	308.69	
APPLIED INDUSTRIAL TECHNOLOG		714-343-00	EQUIPMENT MAINTENANC	BALDWIN FILTERS P6 & P8	118.02	
HART OFFICE SOLUTIONS INC		714-143-00	FACILITIES MAINTENAN	PRINTER RENTAL	50.00	
STURM ENVIRONMENTAL SERVICES		714-243-00	LAB EXPENSE PLANT	SEPTEMBER LAB TESTS	134.00	
		714-243-00	LAB EXPENSE PLANT	4TH Q TOXICITY SAMPLE	900.00	
		714-243-00	LAB EXPENSE PLANT	OCT TESTING PLANT & T/S	648.00	
US CELLULAR		714-543-00	TELEPHONE	704-7883 7882 931-0814 439	177.39	
ST JOSEPH HOSPITAL OF BUCKHA		714-143-00	FACILITIES MAINTENAN	LAB RESULTS GARRETT WALTON	53.00	
WALMART STORES INC -BUCKHANN		714-143-00	FACILITIES MAINTENAN	CLEANING SUPPLIES- PLANT	289.04	
AMAZON.COM		714-643-00	OPERATION PLANT EXPE	"PCRD-2 42"" SMART PROBE"	136.00	
		714-643-00	OPERATION PLANT EXPE	PCRD-ENGINEERING PAPER PRI	42.62	
EBAY		714-143-00	FACILITIES MAINTENAN	PCRD-LED DUSK TO DAWN LIGH	40.99	
		714-443-00	PUMP STATION REPAIR	PCRD-CUTLER HAMMER	50.00	
FRONTIER		714-543-00	TELEPHONE	472-5459-101515-4 SAN	89.26	
SALARIES PLANT/LINES		**PAYROLL EXPENSES			11/01/2022 - 11/30/2022	40,093.33
	TOTAL:			44,316.17		
SALARIES BOARD/OFFICE	**PAYROLL EXPENSES			11/01/2022 - 11/30/2022	12,781.39	
		TOTAL:			12,781.39	
FICA/INSURANCE	WV PUBLIC EMPLOYEES INSURANC	718-105-00	HEALTH INSURANCE	SAN NOV 2022 HEALTH INS	7,504.73	
		718-105-00	HEALTH INSURANCE	SAN NOV 2022 RETIREE'S INS	1,003.33	
	INTERNAL REVENUE SERVICE	718-104-00	FICA TAX	FICA WITHHELD AND MATCHED	1,778.37	
		718-104-00	FICA TAX	FICA WITHHELD AND MATCHED	1,506.33	
		718-104-00	FICA TAX	MEDICARE WITHHELD & MATCHE	415.93	
		718-104-00	FICA TAX	MEDICARE WITHHELD & MATCHE	352.30	
	PAYFLEX	718-105-00	HEALTH INSURANCE	SAN NOV 2022 HSA FEES	45.50	
		TOTAL:			12,606.49	
RETIREMENT	WV PUBLIC EMPLOYEES RETIREME	719-106-00	GROUP RETIREMENT	WV RETIREMENT CONTRIBUTION	1,946.83	
		719-106-00	GROUP RETIREMENT	WV RETIREMENT CONTRIBUTION	1,752.01	

12-06-2022 03:40 PM		disbursements 11-01-22 to 11-30-22			
FUND: SANITARY					
DEPARTMENT	VENDOR NAME	GL ACCOUNT	ACCOUNT DESCRIPTION	DESCRIPTION	AMOUNT
		719-106-00	GROUP RETIREMENT	WV RETIRE TIER2 CONTRIBUTI	481.33
		719-106-00	GROUP RETIREMENT	WV RETIRE TIER2 CONTRIBUTI	429.12
				TOTAL:	4,609.29
UNEMPLOYMENT/COMPENSAT	ENCOVA INSURANCE	720-226-00	UNEMPLOYMENT/COMPENS	WCN6007140 10-1-22 TO 11-1	1,212.99
				TOTAL:	1,212.99
BILLING/COMPUTER/DEP I	ENVIRONMENTAL SYSTEMS RESEAR	783-341-00	BILLING & COLLECTING	ARCGIS DESKTOP & ANN SUBS	300.00
		783-341-00	BILLING & COLLECTING	ARCGIS DESKTOP & ANN SUBS	300.00
	WATER BD-CITY OF BUCKHANNON	783-341-05	BILLING WAT BD METER	NOV 2022 METER READS	300.00
	BUCKHANNON POSTMASTER	783-341-00	BILLING & COLLECTING	5 ROLLS OF STAMPS	300.00
		783-341-00	BILLING & COLLECTING	PERMIT #10 POSTAGE	750.00
	TOSHIBA FINANCIAL SERVICES	783-341-00	BILLING & COLLECTING	CITY HALL COPIER LEASE NOV	149.49
	RAVEN ROCK NETWORKS INC	783-341-00	BILLING & COLLECTING	BACKHAUL DISH CITY NTWK	249.50
		783-341-00	BILLING & COLLECTING	IT SVC CONTRACT NOV 2022	375.00
		783-341-00	BILLING & COLLECTING	CLEANED UP WISP & ROUTER	97.50
		783-341-00	BILLING & COLLECTING	ANTENNA/RADIOS	249.50
		783-341-00	BILLING & COLLECTING	MIKROTIK SWITCH FOR INTER	74.75
	WALMART STORES INC -BUCKHANN	783-341-00	BILLING & COLLECTING	CLEANING SUPP CITY HALL	32.76
		783-341-00	BILLING & COLLECTING	CLEANING SUPP CITY HALL	37.14
	KOMAX LLC	783-341-00	BILLING & COLLECTING	INK CART FOR POSTAGE MACHI	38.50
		783-341-00	BILLING & COLLECTING	INK CARTRIDGE FOR POSTAGE	38.50
	U.S. POSTAL SERVICE (CMRS-FP	783-341-00	BILLING & COLLECTING	NOV 2022 POSTAGE	500.00
	FP FINANCE PROGRAM	783-341-00	BILLING & COLLECTING	MAILER & INSERTER PYMT NOV	107.31
	SUDDENLINK BUSINESS	783-341-00	BILLING & COLLECTING	CITY HALL INTERNET NOV 202	2.13
	ROSSMAN & CO/PCB CORP	783-341-00	BILLING & COLLECTING	SEP 2022 UTL COLLECTIONS	23.35
		783-341-00	BILLING & COLLECTING	OCT 2022 UTL COLLECTIONS	11.20
				TOTAL:	3,936.63
OFFICE EXPENSE	RALSTON PRESS INC	793-341-00	OFFICE SUPPLIES & EX	WINDOW ENVELOPES	113.81
		793-341-00	OFFICE SUPPLIES & EX	WINDOW ENVELOPES	113.81
	CITY OF BUCKHANNON GENERAL F	793-341-00	OFFICE SUPPLIES & EX	NOV 2022 LETTER OF CREDIT	92.13
		793-341-00	OFFICE SUPPLIES & EX	OCT 2022 LETTER OF CREDIT	92.13
	LOFTIS:PHILIP	793-341-00	OFFICE SUPPLIES & EX	REIM MLGE STATE AUDITORS S	167.50
	STEPTOE & JOHNSON PLLC	793-341-00	OFFICE SUPPLIES & EX	EMPLOYEE HANDBOOK REV 10/3	142.50
	COLLECTION ACCOUNT	793-341-00	OFFICE SUPPLIES & EX	OCT 2022 CREDIT CARD FEES	1,401.44
	PIN CENTER	793-341-00	OFFICE SUPPLIES & EX	CITY SEAL PINS & KEYS	247.50
	US CELLULAR	793-341-00	OFFICE SUPPLIES & EX	642-1651 613-0113 0002	145.29
	SPRINT	793-341-00	OFFICE SUPPLIES & EX	ALL DEPT OCT 2022 GEOTABS	261.10
	WYNET	793-341-00	OFFICE SUPPLIES & EX	DOMAIN NAME RENEWAL	5.29
	WALMART STORES INC -BUCKHANN	793-341-00	OFFICE SUPPLIES & EX	PCRD-ASSORTED MARKERS	0.44
		793-341-00	OFFICE SUPPLIES & EX	PCRD-SWEEPER FOR CITY HALL	13.25
	AMAZON.COM	793-341-00	OFFICE SUPPLIES & EX	PCRD-8 DESK LAMPS AT CITY	51.48
	FRONTIER	793-341-00	OFFICE SUPPLIES & EX	472-1651-101515-4 CITY HAL	66.93
		793-341-00	OFFICE SUPPLIES & EX	304-003-2273-060600-4	24.17
				TOTAL:	2,938.77
PROPERTY INSURANCE	TRAVELERS INSURANCE	798-226-00	PROPERTY INSURANCE	INS PREM AUTO LIAB NOV 202	2,226.43
				TOTAL:	2,226.43
PROFESSIONAL	THOMAS J O'NEILL	896-223-00	PROFESSSIONAL SERVIC	DEC 2022 CONTRACT - ATTORN	1,250.00
				TOTAL:	1,250.00
BOND A	MUNICIPAL BOND COMM OF WV	970-199-00	BOND ISSUE #A	SAN NOV 2022 BOND A PYMT	14,144.97

12-06-2022 03:40 PM		disbursements 11-01-22 to 11-30-22				
FUND: SANITARY						
DEPARTMENT	VENDOR NAME	GL ACCOUNT	ACCOUNT DESCRIPTION	DESCRIPTION	AMOUNT	
				TOTAL:	14,144.97	
BOND B	MUNICIPAL BOND COMM OF WV	980-199-00	BOND ISSUE #B	SAN NOV 2022 BOND B PAYMEN	2,253.00	
				TOTAL:	2,253.00	
CAPITAL/PROJECTS	LOWES BUSINESS ACCOUNTS	997-455-00	SEWER UPGRADE-CAPITA	PCRD-MORTAR MIX TUBING CUT	151.78	
		997-454-00	NEW EQUIPMENT-CAPITA	25H3HK 2021 DODGE RAM TRK	360.75	
	ENTERPRISE FM TRUST	997-454-00	NEW EQUIPMENT-CAPITA	23W5D2 2021 NISSAN FRONTIE	322.35	
		997-454-00	NEW EQUIPMENT-CAPITA	23W5D9 2021 NISSAN FRONTIE	322.18	
		997-454-00	NEW EQUIPMENT-CAPITA	23W5CX 2021 NISSAN FRONTIE	427.35	
		CITIZENS BANK OF WV	997-454-00	NEW EQUIPMENT-CAPITA	SAN DEC 2022 CRANE TRK FIN	1,598.40
			997-454-00	NEW EQUIPMENT-CAPITA	SAN F550 DEC 2022 PAYMENT	1,111.32
				TOTAL:	4,294.13	

She also mentioned the program that Board Member Phil Loftis had mentioned, which is with the WV State Treasurer’s office that yields a good interest. Amby is planning to explore this program. Mr. Loftis indicated that it may requires City Council approval.

**Motion Shaw/Loftis to accept the financial report as submitted. Motion carried.**

**D. Department Report –** Ethan Crosten presented the following report:  
**D.1 33 West Extension North -** No movement.

**D.2 33 West Extension South –** Jay Hollen, Cody Tenney, and Ethan walked the project and recorded their findings at each manhole. The upper section of the system (first 4 Manholes) seems to be in good condition. Downstream there are two manholes which were at, or slightly below, the surface. They believe raising these manholes could solve some of the issues, but it is not the only issue.

Once the new camera arrives, we are planning to camera the line.

**D.3 Plant Operations-Testing -** All tests have been within limits. We are looking into options to clean the lines our polymer is pumped through; we believe they are causing the belt press less efficiently. Ethan has begun working on the upcoming I & I report.



INFLUENT WASTEWATER						BELT PRESS			Plant Effluent					
Date	Sus. Sol. mg/l	BOD5 mg/l	Flow mgd	Temp C	PH	Grit Scr. C.F.	Gals.Wet Sludge Added	Pounds Dry solid: Produced	Sus. Sol. mg/l	BOD5 mg/l	Fecal Col./ 100 ml	D.O. mg/l	PH	Amm. Nit. mg/l
11/1/22	148	198	0.640	20.0	7.22	2.0			1.0	2.7		7.9	7.26	0.31
11/2/22			0.560	20.0	7.21	2.0	31,588	6,244				7.9	7.24	
11/3/22			0.585	20.0	7.23	2.0	23,690	4,683				8.0	7.25	
11/4/22			0.581	20.0	7.25	2.0						8.1	7.27	
11/5/22			0.592			2.0								
11/6/22	116	171	0.608			2.0			1.5	2.0	10			0.532
11/7/22			0.596	19.0	7.21	2.0						8.2	7.24	
11/8/22			0.560	19.0	7.19	2.0						8.1	7.23	
11/9/22			0.516	18.0	7.17	2.0						8.1	7.21	
11/10/22			0.623	18.0	7.16	2.0						8.2	7.19	
11/11/22	160	229	2.113	17.0	7.18	2.0			1.0	2.6		8.3	7.20	0.420
11/12/22			2.050			2.0								
11/13/22			1.488			2.0								
11/14/22			1.118	17.0	7.13	2.0					11	8.4	7.17	
11/15/22			2.291	17.0	7.16	2.0						8.5	7.21	
11/16/22	156	185	2.302	17.0	7.22	2.0			2.5	2.5		8.6	7.24	0.31
11/17/22			1.581	16.0	7.26	2.0						8.5	7.30	
11/18/22			1.242	16.0	7.27	2.0						8.6	7.29	
11/19/22			1.014			2.0								
11/20/22			0.872			2.0					32	8.9	7.39	
11/21/22	136	185	0.819	16.0	7.35	2.0			3.0	2.7		8.7	7.46	0.672
11/22/22			0.820	16.0	7.41	2.0						8.7	7.46	
11/23/22			0.741	16.0	7.39	2.0						8.6	7.35	
11/24/22			0.633	17.0	7.30	2.0						8.5	7.31	
11/25/22			1.259	17.0	7.26	2.0								
11/26/22	136	185	0.852			2.0			3.0	2.7				0.672
11/27/22			1.893			2.0								
11/28/22			1.386	17.0	7.24	2.0					42	8.4	7.27	
11/29/22			0.937	17.0	7.23	2.0						8.3	7.26	
11/30/22			1.554	17.0	7.26	2.0						8.1	7.26	
TOTAL			32.826				55,278	10,927						
AVERAGE	143	194	1.094	17.6	7.24	2.0			1.8	2.5	20	8.3	7.28	0.45
MAXIMUM	160	229	2.302	20.0	7.41	2.0			3.0	2.7	42	8.9	7.46	0.67
MINIMUM	116	171	0.516	16.0	7.13	2.0			1.0	2.0	10	7.9	7.17	0.31
LIMITS														
AVG MONTHLY	NA	NA	NA	NA	NA	NA	NA	NA	30.0	10.0	200	NA	NA	2.00
MAX DAILY	NA	NA	NA	NA	NA	NA	NA	NA	60.0	20.0	400	NA	9.00	4.00
MIN DAILY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.25	6.00	NA



Applicant:BUCKHANNON, CITY OFType:Electronic DMR

Reference ID:wv0032336Nov2022 (12/13/2022)Permit ID:New/Pending

eDMR Worksheet -- WV0032336 - 001

Status:NewPrinted:Dec. 13, 2022 11:07 AM

PermitWV0032336Outlet No:001Type:NORMAL

Report for the Month of:NovemberYear:2022

Lab Performing Analysis:153 - BUCKHANNON WASTEWATER TREATM

Retrieve Parameters

eDMR Schedule

Parameter	Permit Limits	Quantity				Other Units						Measurement Frequency	Sample Type	Lab	
		Avg	Max	Units	Number Exceed	Min	Avg	Max	CEL*	Units	Number Exceed			Test Flag	
50050 (ML-1) RF-A Flow In Conduit Or Treatment Plant Year Round	Reported	N/A	N/A			N/A	1.094 Rpt Only Avg. Month	2.302 Rpt Only Max. Daily		mgd	0	Continuous Continuous	measured	153	▼
00310 (ML-B) RF-A Bod Winter Nov 1-June 30	Reported	24.6	49.9	Lbs/Day	0	N/A	2.5 Avg. Month	2.7 Max. Daily		mg/l	0	1/week 1/week	8 hr comp	153	▼
00530 (ML-A) RF-A Suspended Solids, Total Year Round	Reported	17.3	38.9	Lbs/Day	0	N/A	1.8 Avg. Month	3.0 Max. Daily		mg/l	0	1/week 1/week	8 hr comp	153	▼
51012 (ML-K) RF-A Bod 5day Percent Removal, Dry Year Round	Reported	N/A	N/A			98.7 Month. Avg	N/A	N/A		Percent	0	5 times/month 2/month	Calculated	153	▼
51013 (ML-K) RF-A Bod 5day Percent Removal, Wet Year Round	Reported	N/A	N/A			Rpt Only Month. Avg	N/A	N/A		Percent		2/month 2/month	Calculated	CONDITIONAL	▼
51014 (ML-K) RF-A Solids, Suspended Percent Removal, Dry Year Round	Reported	N/A	N/A			98.7 Month. Avg	N/A	N/A		Percent	0	5 times/month 2/month	Calculated	153	▼
51015 (ML-K) RF-A Solids, Suspended Percent Removal, Wet Year Round	Reported	N/A	N/A			Rpt Only Month. Avg	N/A	N/A		Percent		2/month 2/month	Calculated	CONDITIONAL	▼
74055 (ML-A) RF-A Coliform, Fecal Year Round	Reported	N/A	N/A			N/A	20 Mon. Geo. M	42 Max. Daily		Cnts/100ml	0	1/week 1/week	Grab	153	▼
00400 (ML-A) RF-A Ph Year Round	Reported	N/A	N/A			7.17 Inst. Min.	7.46 N/A	9 Inst. Max.		S.U.	0	1/week 1/week	Grab	153	▼
00300 (ML-A) RF-A Dissolved Oxygen Year Round	Reported	N/A	N/A			7.9 Inst. Min.	N/A	N/A		mg/l	0	1/week 1/week	Grab	153	▼
00610 (ML-A) RF-A Nitrogen, Ammonia Total Winter Nov 1-June 30	Reported	10.70	8.7	Lbs/Day	0	N/A	0.449 Avg. Month	0.672 Max. Daily		mg/l	0	1/week 1/week	8 hr comp	153	▼
01119 (ML-A) RF-A Copper Total Recoverable Year Round	Reported	N/A	N/A			N/A	0.0041 Avg. Month	0.0041 Max. Daily		mg/l	0	1/month 1/month	8 hr comp	157	▼
01094 (ML-A) RF-A Zinc Total Recoverable Year Round	Reported	N/A	N/A			N/A	0.04 Avg. Month	0.04 Max. Daily		mg/l	0	1/month 1/month	8 hr comp	157	▼
74069 (ML-6) RF-A Stream Flow, Estimated Winter Nov 1-June 30	Reported	N/A	N/A			76.4 Rpt Only Inst. Min.	347.9 Rpt Only Avg. Month	1228.2 Rpt Only Inst. Max.		cts	0	1/daily 1/daily	Calculated	153	▼

**D.4 Maintenance Crew** - The maintenance crew rebuilt a bearing on one of our brush aerators. They have also been working on installing a recirculation system on our rodder truck. This would allow us to take the rodder out in sub-freezing temperatures, which has been a past concern.

**D.5 Line Crew #1** – Brian’s Crew – The crew has primarily been working on Scott Street storm. They are ready to set the second drop inlet and should be finishing up before the end of the year. Weather and sickness have slowed this project down some.



**D.6 Line Crew #2** – Scott’s Crew – The crew has finished Madison Street storm and sewer. The only remaining work on this project is to set the drop inlet risers and spaces when final grading is complete. Since they have finished, they have made a new tap, and corrected 3 other issues on our checklist. They have been working very efficiently and effectively recently.

**D.7 ARPA Projects Update** – We have received estimates on both Taylor Street and North Locust Street projects. The total estimation for these projects is \$900,000, but we believe a 20% contingency opposed to the current 10% would be a safer option, so the estimate will end up being higher. There is further discussion under strategic issues.

**D.8 Pump Station Generator Update** – City Engineer Jay Hollen noted that the Generator for the Sanitary Plant is now scheduled to arrive mid to late February with the power company planning to install the new line and transformer soon. He provided other details concerning the power pole(s) realignment.

## **E. Storm Water Issues for Discussion and/or Vote**

**E.1 Discussion (Jay) Stormwater Grant/Loan Programs** - City Engineer Jay Hollen reported on possible FEMA/EMD storm sewer funding sources. The next rounds for application will take place in 2023. He will continue to monitor the availability of grants with Region VII. Ethan spoke about the BRIC programs. Mr. Loftis asked that we do pursue the funding efforts. Mr. Hollen will continue working with Region VII, noting that there will be some minimal fees for Region VII. Further discussion took place.

## **F. Correspondence and Information – Mayor Skinner reviewed the following with the Board:**

**F.1** None

## **G. Consent Agenda:**

**G.1 Approval of Minutes 10/20/2022 & 11/17/2022** – Mayor Skinner noted that both sets have minutes had been distributed and asked for motion to approve, barring any needed edits.

**Motion to approve the consent agenda was made by Shaw/Loftis. Motion carried.**

## **H. Strategic Issues for Discussion and/or Vote:**

**H.1 Recommendation Mechanical Bar Rack Purchase (Bid opening was held on 11/17/22)** – Mayor Skinner recognized Ethan Crosten who recommended the Duperon Flex rake bar rack, submitted by Kappe. The bid for this rake is \$132,000. He noted that they have a grit removal system in place, which is the reasoning for not suggesting the higher dollar rake that focuses more on grit removal. Mr. Crosten has called 3 different plants that have this rake and did not receive a bad review, noting that some of these plants have had these rakes for 10+ years. He would also like the Board to think about raising septage rates to help recoup some of this money. We are far below many other plants in the area and we have not changed this rate in years. The haulers will not have to clean the screen, which saves them time and effort.

Mr. Loftis noted that the low bid was for a different machine from a different supplier. He would like Mr. Crosten to provide the reasons that he just gave the Board for rejecting the lower bid and recommending the higher cost model to the Board in writing. Mr. Crosten will do so by the next meeting.

**Motion to approve the purchase the Duperon Flex rake bar rack as submitted by Kappe for a cost of \$132,000, which has been recommended by the Sanitary Superintendent Ethan Crosten, was made by Shaw/Loftis. Motion carried.**



Date: November 14, 2022 Proposal #12615 R2

Project: Buckhannon Sanitary Board Mechanical Bar Rack  
Bid Date: November 17, 2022 @ 7:30 AM Local Standard Time  
Substantial Completion: To be determined  
Addendum: None received or acknowledged  
Owner: Buckhannon Sanitary Board  
70 East Main Street  
Buckhannon, WV 26201

Duperon Contact:	Local Representation:
Tammy Blanchard – Lead Sales Project Manager	Ron Newhouse
tblanchard@duperon.com	Kappe Associates, Inc.
	(724) 462-3182
Steve Macomber – Business Development Manager	mewhouse@kappe-inc.com
smacomber@duperon.com	
(989) 702-1910	

To: Buckhannon Sanitary Board,

Duperon is pleased to offer the following scope of supply for the screening requirements at the Buckhannon Wastewater Treatment Plant project. We look forward to the opportunity to work with you and thank you for your consideration.

Best Regards,



Tammy Blanchard  
Lead Sales Project Manager

BID  
Proposal Number Buckhannon WWTP, WV  
P12615 R2

Scope of Supply:

Specification: See Duperon Specification  
Drawings: See Duperon Site Specific Drawing

- (1) Mechanical Bar Screen - Stainless Steel Link Driven, Front Cleaning, Front Return
  - Model FlexRake®
    - FPFS, Full Penetration, Fine Screen
    - Outdoor Installation
  - Continuous Cleaning without an operator
  - Head Sprocket Only Design – no critical components under water
  - Continuous Cleaning, top to bottom, the entire width of scraper
  - Scrapers of UV Stabilized UHMW and/or Stainless Steel
  - SSTL304 Side fabrications, dead plate and cross members
  - SSTL304 Full enclosure covering from deck to discharge
  - SSTL304 Enclosure access panels
  - SSTL304 Top deck support
  - SSTL304 Vertical Support
  - SSTL304 Downstream underflow weir
  - Heat Pad and Thermostat suitable for Class I Div II areas (power to be supplied by Duperon)
  - ½ HP motor
  - SSTL304FlexLinks
  - SSTL304 Drive Head:
    - Drive Sprockets and components SSTL304
    - Drive Shaft SSTL304

- Bar Screen Deadplate Heat Pad:
- (2) 12 inch x 24 inch heat pads
  - (1) Thermostat
  - Power by Duperon
  - Components are suitable for Class I Div II areas

- Dimensions and design criteria
- 2.00 ft channel width
  - 3.83 ft channel invert to top of operating deck
  - 3.2 ft discharge clearance designed for future integration of Duperon washer compactor
  - 13 ft nominal length of FlexLink and scraper system
  - 0.25 inch clear opening
  - 0.25 inch x 0.75 inch x 0.13 inch SSTL316 tear drop bar screen
  - 20 degree from vertical
  - 1:1 UHMW to SSTL304 scraper ratio
  - 1.00 ft head differential
  - 3,400 lbs. estimated weight

- Hydraulic Profile
- See attached models for hydraulic performance information.
  - 5 MGD Peak Flow with maximum 3.5 ft upstream water level @ 25% blinding factor
  - 2.5 MGD Average Flow with estimated 2 ft upstream water level @ 25% blinding factor

Estimated Anchors Needed Mechanical Bar Screen:	
Estimated Anchors Needed for FlexRake (not included in scope of supply –by Others/Contractor):	
• Anchors – per FlexRake	Anchors for FlexRake toes and plates
	◦ (12) 12 mm (1/2 inch) diameter x 115 mm (4-1/2 inch) long Embed HAS Rods w/ Hilti RE-500V3 Safe Set Adhesive System

- Anchors for FlexRake Return Guide / Closeout
      - (14) 9.5 mm (3/8 inch) diameter x 85 mm (3-3/8) inch long Embed HAS Rods w/ Hilti RE-500V3 Safe Set Adhesive System
      - (3) Epoxy tube
      - (1) Dispenser
  - Above quantities not guaranteed as accurate, final quantities will be outlined in submittals.
- (1) Controls Package, Main Panel
- NOTE: Referencing NFPA 820, the main control panel shall be removed from any classified area by a minimum of 10 feet.**
  - Main fusible disconnect for incoming power 480V/60hz/3ph
  - Wall mount NEMA 4X SSSL304 enclosure
  - Enclosure to be:
    - Located outdoors in an unclassified area
    - Not located where temperatures exceed 40°C (105°F) frequently
    - Located where temperatures drop below 0°C (32°F) frequently
  - Enclosure to include equipment
    - (1) FlexRake with 0.5 HP motor driven by AB Powerflex 525 VFD with panel mounted keypad
  - Relay Based control, to include
    - Pilot lights, push buttons and selector switches on front door
    - Terminal blocks, ETM's, breakers, and relays where required
    - Hand-Off-Auto selector switch uses manual pushbutton controls in Hand mode
    - Hard contact SCADA Interlock(s) Run, No Fault, Auto, Remote start
    - Adjustable on/off cycle timers
    - Machine runs when remote start contact is made or run timer is active, it doesn't speed up unless a float is actuated
    - Line reactor
  - Weather protection devices inside enclosure
    - Heater, fan, thermostat and rain hoods for fan assembly
    - Sun visor for HMI screen
- Instrumentation
- Dual Float Level Control
    - (2) Mechanical Float Switch including 50 ft long cabling.
- Local to equipment mounted devices
- None, operator controls will be on Main Control Panel door
- Bar Screen Spare Parts
- (1) Drive Clevis Pin
  - (10) Snap Rings
  - (4) Link Clevis Pins
  - (4) Hex Head Cap Screw
  - (4) Scraper Nut
  - (1) Snap Ring Tool
  - (1) 1 oz. Anti-Seize Lubricant
  - (1) 14 oz. Grease Tube
- On Site Technical Assistance for Installation Certification, Start-Up, and Training
- (1) Trip(s)
  - (1) Technician
  - (2) 8 hour man-day(s) total onsite
  - If additional Technical Service days are required, please add per the rates included in the Clarifications section of this scope of supply.*
- Operation and Maintenance Manuals
- 6 Hard Copies
  - 1 Electronic Copy
- Warranty
- One Year Standard material and workmanship
  - Five year warranty on all rotating parts

Freight to Jobsite

Price: \$ 132,000.00

Price is valid for 30 days from bid date.

Delivery:

- Submittals: 6-8 weeks after approved purchase order, based on workload
- Equipment Ship: 24-26 weeks after approval, based on workload
- FOB Jobsite, Freight Paid

Exceptions:

- As noted

Clarifications:

General Clarifications

- Prices are valid for 30 days unless stated otherwise in the proposal
- See Duperon Contractor Installation Guides for guidance in estimating these costs.
- Duperon requires 3 week's advanced notice in writing to schedule field service technician on site.
- Field Services will be provided as outlined in this proposal. Duperon field service rate is \$850 per day plus travel and per diem expenses. If field service personnel arrive on site as scheduled and the project is not ready for intended services to be performed, Duperon will invoice for additional days, if required. If the time required is greater than the time listed in this proposal, Duperon will invoice at the above rates.
- The specifications listed are the only specifications which shall apply to this proposal either directly or by reference. Any additional specifications, with equipment or requirements specified therein, that are not specifically included as part of this offer are excluded from this proposal.

Bar Screen Clarifications

- The bar screen will be shipped fully assembled
- A standard minimum downstream water depth of 1.00 ft is required for Flexrake to prevent galling of the moving SSSL parts. Modifications such as a sloped sump or downstream underflow weir may be necessary and is to be provided by others.
- It is recommended on sites with solid plate/grating across channels; that channel ventilation connection points occur upstream of mechanical screening equipment as necessary to relieve the channel fumes from exhausting only through the equipment enclosure
- Field assembly of SSSL screen enclosure.
- Dead plate heat pad(s) included are suitable for Class I Div II areas. If Class I Div 1 is required, additional costs will apply.
- It is recommended that an additional wind deflection shield/enclosure be added to the site to support the flow/debris from freezing to the screen dead plate.

**H.2 Solar Panel System- Bidder Description Information & Specifications (Bid opening was held on 11/17/22) -** The total cost of installation for the solar panel system to be purchased out right would be approximately \$500,000 dollars. Discussion took place with Mr. Loftis



recommending that as we pay off the bonds we should ask an engineering firm to explore this type of technology. Amby Jenkins noted that Postesta is currently our on-call engineering firm and perhaps they would be able to advise us when we are ready.

The Board determined to table this agenda item.

**H.3 Consulting Contract Sam Ludlow** - Sam Ludlow was under contract to answer calls and assist with issues through the end of 2022. After a discussion with Sam, the consensus was that the current \$5,000 would be a bit much for the work he would be doing now. Ethan would still like to try and give Sam something, as questions still arise and he does call him from time to time, but he would not be assisting with any reports or project. The Board requested that Ethan Crosten discuss this further with Mr. Ludlow and report back.

The Board determined to table this agenda item at this time.

**H.4 Distribution of ARPA Funds** – Mr. Crosten noted that after discussion with Jerry, Jay and myself, they believe that the best route for the ARPA money would be to use the money to do both Taylor and North Locust projects in their entirety. Mr. Hollen provided the details of the Taylor Street project noting the project estimate is \$630,000, which includes a 20% contingency included. He then provided the North Locust Street project noting the project estimate is \$318,000, which includes a 20% contingency included. Engineering cost is estimated at an additional \$100,000. The total amount of ARPA funds is approximately \$1.2 million.

**Motion to approve the Taylor Street and North Locust Street projects as presented was made by Loftis/Shaw. Motion carried.**



#### Scope of Work and Background

Hale Innovation is pleased to present this scope of work for the effort to assist the City of Buckhannon (City) in the strategic planning of the funding pursuit for the Taylor Street stormwater system updates (Project). The Project is projected to cost a total of \$4.05 million, for which the City will need substantial financial assistance.

As such, this scope will outline two tasks for proposal. This scope of work does not include specific grant pursuits (e.g., application preparation).

#### Task 1 – Due Diligence/Research

Task 1 will entail a detailed review of the preliminary engineering report provided by Potesta & Associates, Inc. (Potesta). This report evaluates Taylor Street's drainage and runoff patterns to assess the possibility of installing and upgrading a stormwater piping system that will ultimately discharge into the Buckhannon River.

Additionally, phone calls to contacts at relevant government agencies, such as the USDA Regional Offices and WVDEP, will be made to discuss funding criteria and appropriate options based on Project and City needs. This analysis will facilitate the creation of the grant pursuit recommendations, as outlined in Task 2.

#### Task 2 – Formulation of Grant Pursuit Strategy

Based on the information obtained above, Hale Innovation will formulate a grant pursuit strategy with the goal of maximizing the likelihood and amount of awarded funding. The expectation is that this will culminate in one two possible recommendations:

1. Apply for a single optimal grant program to fund the entire Project.
2. Divide the Project into phases and pursue two or more grants for funding.

The resulting deliverable will be either a technical memorandum or a brief letter report.

#### Fee

Hale Innovation will provide the services outlined in Task 1 and Task 2 at a lump sum fee of \$1,000.

#### Exclusions

This scope of work does not include specific grant pursuits. No public meetings, presentations, or any additional work is anticipated at this time and, as such, are also excluded from this project. Additionally, preliminary engineering, design, or opinion of probable cost services are not included.

Closure

Hale Innovation appreciates the opportunity to provide this scope to the City of Buckhannon. If you have any questions or comments, please feel free to reach out to me at (304) 767-5165 or via email at [Lee@HaleInnovation.com](mailto:Lee@HaleInnovation.com).

Agreed by:

Lee Hale

President, Hale Innovation

11/30/2022

Lawrence "Lee" Hale, Assoc. DBIA, PE      Title      Date

Name:

Title

Date

PRELIMINARY OPINION OF  
PROBABLE CONSTRUCTION COST  
  
CITY OF BUCKHANNON  
TAYLOR STREET/SEWER IMPROVEMENTS

Item	Description	Unit	Quantity	Unit Cost	Total Cost
CONTRACT A - (SANITARY SEWER)					
1	Mobilization	LS	1	\$ 25,000.00	\$ 25,000.00
2	Audio-Video Color Taping	LS	1	\$ 5,000.00	\$ 5,000.00
3	Construction Stakeout	LS	1	\$ 5,000.00	\$ 5,000.00
4	Site Preparation - Clearing and Grubbing (Between 181 & 183 Camden)	LS	1	\$ 3,000.00	\$ 3,000.00
5	Erosion and Sediment Control	LS	1	\$ 5,000.00	\$ 5,000.00
6	Temporarily Remove and Reset Existing Mini-Barn (185 Pocahontas)	LS	1	\$ 2,000.00	\$ 2,000.00
6	8" PVC SDR 35 Gravity Sanitary Sewer Line	LF	1060	\$ 66.00	\$ 69,960.00
7	4" PVC SDR 35 Gravity Sanitary Lateral	LF	430	\$ 36.00	\$ 15,480.00
8	Remove Existing Manhole	EA	5	\$ 1,230.00	\$ 6,150.00
9	Pre-Cast Manhole and Casting (<6-12' Depth)	EA	8	\$ 4,000.00	\$ 32,000.00
10	Doghouse Manhole Casting and Base (<6-12' Depth)	EA	1	\$ 5,000.00	\$ 5,000.00
11	Abandon Existing Sanitary Sewer Line, Cut/Plug and Grout	EA	16	\$ 375.00	\$ 6,000.00
12	Abandon Existing Sanitary Sewer Line, Grout at Manhole Interior	EA	5	\$ 375.00	\$ 1,875.00
13	Abandon Existing Sanitary Lateral	EA	9	\$ 375.00	\$ 3,375.00
14	Abandon Existing Manhole in Place	EA	2	\$ 625.00	\$ 1,250.00
15	Connect New Sewer to Existing Manhole	EA	2	\$ 2,000.00	\$ 4,000.00
16	Connect Existing Sewer to New Manhole	EA	7	\$ 5,000.00	\$ 35,000.00
17	Connect Existing Sanitary Lateral to New Manhole	EA	3	\$ 2,000.00	\$ 6,000.00
18	Connect New Sanitary Lateral to Manhole	EA	7	\$ 2,000.00	\$ 14,000.00
19	Connect to Existing Sanitary Lateral at Building Foundation	EA	9	\$ 625.00	\$ 5,625.00
20	4" PVC Clean Out - Two Way	EA	15	\$ 745.00	\$ 11,175.00
21	Wye (Lateral to Lateral/Main Connection)	EA	10	\$ 745.00	\$ 7,450.00
22	Pipe Bedding (Sand)	TON	330	\$ 35.00	\$ 11,550.00
23	Type B Trench Replacement (Asphalt - 25mm Binder)	SY	180	\$ 105.00	\$ 18,900.00
24	Type C Trench Replacement (2A Modified Stone)	LF	80	\$ 15.00	\$ 1,200.00
25	Type D Trench Replacement - 6" Reinforced Concrete	SY	740	\$ 250.00	\$ 185,000.00
26	Driveway Replacement - 4" Reinforced Concrete	SY	90	\$ 180.00	\$ 16,200.00
27	Sidewalk Replacement - 4" Reinforced Concrete	SY	15	\$ 180.00	\$ 2,700.00
28	Curb Repair - Reinforced Concrete	LF	8	\$ 250.00	\$ 2,000.00
29	1-1/2" Asphalt Mill	SY	515	\$ 4.00	\$ 2,060.00
30	1-1/2" Asphalt Overlay	SY	515	\$ 18.00	\$ 9,270.00
31	Seeding and Mulching of Trench	LF	700	\$ 5.00	\$ 3,500.00
32	Record Documents	LS	1	\$ 3,500.00	\$ 3,500.00
	Total Contract A - (Sanitary Sewer):				\$ 525,220.00
	Contingency (10%):				\$ 52,522.00
	TOTAL CONTRACT B - PART 1 (SANITARY SEWER):				\$ 577,742.00
	SAY:				\$ 600,000



**PRELIMINARY OPINION OF  
PROBABLE CONSTRUCTION COST**

**CITY OF BUCKHANNON**

**NORTH LOCUST STREET/SEWER IMPROVEMENTS**

Item	Description	Unit	Quantity	Unit Cost	Total Cost
<b>CONTRACT A - (SANITARY SEWER)</b>					
1	Mobilization	LS	1	\$ 13,235.00	\$ 13,235.00
2	Audio-Video Color Taping	LS	1	\$ 4,750.00	\$ 4,750.00
3	Construction Stakeout	LS	1	\$ 5,000.00	\$ 5,000.00
4	Site Preparation - Clearing and Grubbing	LS	1	\$ 7,000.00	\$ 7,000.00
5	Erosion and Sediment Control	LS	1	\$ 7,500.00	\$ 7,500.00
6	8" PVC SDR 35 Gravity Sanitary Sewer Line	LF	730	\$ 66.00	\$ 48,180.00
7	4" PVC SDR 35 Gravity Sanitary Sewer Line	LF	85	\$ 36.00	\$ 3,060.00
8	Remove Existing Manhole	EA	1	\$ 1,230.00	\$ 1,230.00
9	Pre-Cast Manhole and Casting (<6-12' Depth)	EA	3	\$ 4,000.00	\$ 12,000.00
10	Pre-Cast Manhole and Casting (12'+ Depth)	EA	2	\$ 4,200.00	\$ 8,400.00
11	Abandon Existing Sanitary Sewer Line, Cut/Plug and Grout	EA	3	\$ 375.00	\$ 1,125.00
12	Abandon Existing Manhole in Place	EA	2	\$ 625.00	\$ 1,250.00
13	Concrete Pipe Collar	EA	2	\$ 2,000.00	\$ 4,000.00
14	Aerial Creek Crossing (Reusing existing piers)	LS	1	\$ 20,000.00	\$ 20,000.00
15	Aerial Creek Crossing (Demo and Remove Existing) including caps	LS	2	\$ 15,000.00	\$ 30,000.00
16	16" Road Bore	LF	100	\$ 400.00	\$ 40,000.00
17	Backfill Stabilizer	EA	5	\$ 300.00	\$ 1,500.00
18	Connect New Sewer to Existing Manhole - Breckenridge and #7	EA	2	\$ 2,000.00	\$ 4,000.00
19	Connect Existing Sewer to New Manhole # 1	EA	1	\$ 5,000.00	\$ 5,000.00
20	Connect Existing Sanitary Lateral to New Manhole - Sheetz Service - 6"	EA	1	\$ 2,000.00	\$ 2,000.00
21	Pipe Bedding (Sand)	TON	150	\$ 35.00	\$ 5,250.00
22	Type C Trench Replacement (2A Modified Stone)	LF	40	\$ 15.00	\$ 600.00
23	Type D Trench Replacement - 6" Reinforced Concrete	SY	40	\$ 500.00	\$ 20,000.00
24	Fence Removal and Resetting (All types)	LF	180	\$ 30.00	\$ 5,400.00
25	Seeding and Mulching of Trench	LF	670	\$ 5.00	\$ 3,350.00
26	Riprap Stream Bank Restoration (Measured Parallel to Stream	LF	100	\$ 48.00	\$ 4,800.00
27	Temporary Construction Fencing (For Stream Crossing Slope Area)	LS	1	\$ 3,000.00	\$ 3,000.00
28	Record Documents	LS	1	\$ 3,500.00	\$ 3,500.00
	<b>Total Contract A - (Sanitary Sewer):</b>				<b>\$ 265,130.00</b>
	<b>Contingency (10%):</b>				<b>\$ 26,513.00</b>
	<b>TOTAL CONTRACT B - PART 1 (SANITARY SEWER):</b>				<b>\$ 291,643.00</b>
	<b>SAY:</b>				<b>\$ 300,000</b>

**H.5 Corridor H South Infiltration & Inflow Issues** – Mr. Crosten asked for direction on how to handle the Corridor H South Infiltration & Inflow Issues on the property now owned by the Upshur County Commission. It was the Boards desire to know exactly what the problems are with the Infiltration & Inflow Issues and what it will take to remediate the issues before making any further decisions.

**I. Board Member Comments and Announcements**

**Phil Loftis** – Nothing further.

**Mitchell Shaw** – Mr. Shaw thanked the City firefighters for their heroic service over the past several months.

**Mayor Skinner** – The Mayor wished everyone a Merry Christmas.

**J. Adjournment:**

**Motion to adjourn at 8:37 a.m. was made by Loftis/Shaw.**

**Mayor Robert N. Skinner III** \_\_\_\_\_

**City Recorder Randall H. Sanders** \_\_\_\_\_