

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

A regular meeting of the Buckhannon Water Board was held at the Water Plant on Wood Street on September 8, 2016 at 4:00 p.m. The staff gave a tour of the facility prior to this at 3:00 p.m.

David McCauley	Mayor	Present
Amberle Jenkins	Assistant City Recorder	Present
Robbie Skinner	Board Member	Present
Harley Brown	Board Member	Present
David Thomas	Board Member	Present via telephony
Michael Livesay	Board Member	Present
Kelly Arnold	Line Superintendent	Present
Tom Landis	Plant Superintendent	Present
Jerry Arnold	Future Director of Public Works	Present
Jay Hollen	City Engineer	Present
Katie Minsker	Record Delta Newspaper	Present

The following employees and guests were also present: Jerry Wamsley, Tom Davis, Tom Rolenson, Russell Robinson, Vance Funk and Jerry Myers. Randy Blankenship and Mike Johnson of Chapman Technical Group.

**Meeting Agenda Posted 09-02-2016**

***City of Buckhannon Water Board – 3:00 pm at Water Plant for Tour & 4:00 pm Water Board Meeting in the Blue Building Meeting Agenda for Thursday September 8, 2016***

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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 ECOVA – Cambridge Heights (remove late fee)
  - B.2 John & Lori Ward – 23 Gum Street/billing adjustment (?)
  - B.3 Chapman Technical – Mike Johnson
- C. Finance Report
  - C.1 August 2016 (Amby)
- D. Department Reports- Kelly Arnold/Tom Landis/Jay Hollen
  - D.1 Compac Backhoe (Kelly)
  - D.2 Shoring(Kelly)
  - D.3 Temporary Help (Kelly)
  - D.4 Line Crew Report (Kelly)
  - D.5 Water Plant/Chemical Cost Report (Tom)
  - D.6 WTP Phase 1 Project Report (Jay/Tom/CTG)
  - D.7 SCADA Project Report (Jay/Kelly/Tom/CTG)
  - D.8 Sludge Pump Project Report (Jay/Tom/CTG)
- E. Correspondence
  - E.1 Cover Letter from 2016 Sanitary Survey
- F. Consent Agenda
  - F.1 Approval of Minutes – August 11, 2016 Water Board Meeting
- G. Strategic Issues for discussion and vote
  - G.1 Fire Flow Meters @ River Place Apartments & BUHS
  - G.2 Recommendation for .50 cents per hour increase for all hourly employees effective Oct. 1, 2016
- H. Board Members Comments and Announcements
- I. Mayor's Comments and Announcements
- J. Adjournment

Next Meeting October 13, 2016 in Council Chambers

Posted 09-02-16

Mayor McCauley called the meeting to order. Mayor McCauley recognize the passing and contributions from former employee and supervisor-Jerry Bauer and former Council member – Mike Hymes, followed by a moment of silence and the pledge of allegiance.

**Guests:**

- **ECOVA-Cambridge Heights-** No one was present but the following request was submitted.

Water Board  
request to remove  
late fee

1313 N. Atlantic, Suite 5000

509 323 5918  
509 321 0897

ecova.com

**FAX TRANSMITTAL SHEET**

To: City of Buckhannon From: Mimi Mulambo  
Company: Date: August 30, 2016  
Fax Number: 3044720934

Phone Number:

Re: Greetings, Total Pages: 2

I hope this email finds you well, Recognizing the true value of our utility partnerships and the benefits it brings to City of Buckhannon, WV, Ecova and

most importantly our mutual clients; we continually look to strengthen these partnerships! Given the volume of our mutual clients managed by Ecova, we are always trying to work most effectively with you our vendors. In addition if you have an updated preferred contact method (i.e Phone, E-mail, Fax) for the requests below we will work to utilize those contact methods going forward. If applicable include any additional information that you may need to process these requests as well.

Late Fee Waiver Requests: Please see the attached list of accounts to which late fees were assessed. We recognize these accounts may not be eligible for a waiver; please review and let us know if any of these accounts do qualify.

Customer: PayLease-Ledic-Common  
Site: Cambridge Heights  
Provider: City of Buckhannon, WV  
Account #: 06-874250-02  
Late fee: \$50.91

Customer: PayLease-Ledic-Common  
Site: Cambridge Heights  
Provider: City of Buckhannon, WV  
Account #: 06-874225-02  
Late fee: \$16.84

We appreciate your time and consideration in this matter. Have a Great day!

Board Members were not in favor of removing the late fee. It would be arbitrary to remove the late fee based on this request.

**Motion Livesay/ Brown to deny the request from ECOVA to remove the late fees. Motion carried.**

- **John and Lori Ward- 23 Gum Street** – billing adjustment- The Ward’s did not attend this meeting or the last meeting. Board Members tabled the matter again.
- **Chapman Technical Group-** Mr. Johnson of Chapman Technical reported that the SCADA is complete other than the punch-list inspection. Randy Blankenship of Chapman Technical reported that all treatment plant equipment is on-site. Coating has been placed on one side of the sediment basins. They will monitor it to see how it performs, then begin the process on the other side.

The following pay request was submitted for Triton.

Contractor's Application for Payment No.		5
Application Period	08/01/16 to 08/31/16	Application Date: 09/06/16
To (Owner): City of Buckhannon, WV	From (Contractor): Triton Construction	Via (Engineer): Chapman Technical Group
Project: City of Buckhannon Water Treatment Plant Improvements Contract 2 Water Treatment Plant Improvements	Contract: Contract 2 Water Treatment Plant Improvements	
Owner's Contract No.: Contract 2	Contractor's Project No.: 15-15	Engineer's Project No.: 13054

Application For Payment Change Order Summary		
Approved Change Orders		
Number	Additions	Deductions
CO #01		\$5,499.00
CO #02	\$20,589.05	
TOTALS	\$20,589.05	\$5,499.00
NET CHANGE BY CHANGE ORDERS	\$15,090.05	

1. ORIGINAL CONTRACT PRICE	\$	\$1,833,000.00
2. Net change by Change Orders	\$	\$15,090.05
3. Current Contract Price (Line 1 + 2)	\$	\$1,848,090.05
4. TOTAL COMPLETED AND STORED TO DATE (Column F on Progress Estimate)	\$	\$1,075,087.64
5. RETAINAGE:		
a. 5% X \$1,075,087.64 Work Completed	\$	\$53,754.38
b. X Stored Material	\$	
c. Total Retainage (Line 5a + Line 5b)	\$	\$53,754.38
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c)	\$	\$1,021,333.26
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)	\$	\$738,688.78
8. AMOUNT DUE THIS APPLICATION	\$	\$282,644.48
9. BALANCE TO FINISH, PLUS RETAINAGE (Column G on Progress Estimate + Line 5 above)	\$	\$826,756.79

**Contractor's Certification**  
The undersigned Contractor certifies that in the best of its knowledge: (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 Work covered by prior Applications for Payment; (2) title of 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 Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

By: A. J. [Signature] Date: 9/7/2016

Payment of: \$ 282,644.48 (Line 8 or other - attach explanation of the other amount)

is recommended by: [Signature] 9/8/2016 (Engineer) (Date)

Payment of: \$ 282,644.48 (Line 8 or other - attach explanation of the other amount)

is approved by: [Signature] 9/8-16 (Owner) (Date)

Approved by: \_\_\_\_\_

Progress Estimate

Contractor's Application

For (contract)		City of Buckhannon, WV Contract 2, Water Treatment Plant Improvements		Chapman Technical Group Engineer		Application Number:		5						
Application Period:		August 01, 2016 to August 31, 2016		Application Date:		09/06/16								
Bid Item No.	Item Description	A		B		C		D		E	F	G		
		Scheduled Value		Work Completed		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)
		QTY	Unit Price	Amount	QTY									
1	Settling Basin Crack Repair	570.00	\$35.00	\$19,950.00	21.20%	\$4,237.50	57.92	\$2,027.30		\$6,454.70	32.4%	\$11,495.30		
2	Settling Basin Shallow Concrete Repair, < 2"	100.00	\$158.00	\$15,800.00	54.70%	\$8,637.86				\$8,637.86	54.7%	\$7,162.14		
3	Settling Basin Deep Concrete Repair, 2" - 4"	70.00	\$210.00	\$6,300.00	48.70%	\$3,066.00				\$3,066.00	48.7%	\$3,234.00		
4	Settling Basin Deep Concrete Repair, 4" - 6"	40.00	\$308.00	\$12,320.00	28.60%	\$3,523.52	1.44	\$441.52		\$3,967.04	32.2%	\$8,352.96		
5	Settling Basin Scour Repair	160.00	\$200.00	\$32,000.00								\$32,000.00		
6	Settling Basin Rebar Replacement	100.00	\$4.00	\$400.00								\$400.00		
7	Settling Basin Rebar Splice	6.00	\$50.00	\$300.00								\$300.00		
8	Pipe Gallery Crack Repair	40.00	\$67.00	\$2,680.00	49.00%	\$1,283.00				\$1,283.00	122.5%	(\$603.00)		
9	Pipe Gallery Seal around Pipes	9.00	\$303.00	\$2,727.00	100.00%	\$3,030.00				\$3,030.00	111.1%	\$2,424.00		
10	Pipe Gallery Effervesence & Coatings Removal	1.00	\$2,000.00	\$2,000.00	100.00%	\$2,000.00				\$2,000.00	100.0%	0.00		
11	Remainder of Work Not Listed													
11a	Mobilization	1.00	\$36,708.97	\$36,708.97	95.00%	\$34,873.52				\$34,873.52	95.0%	\$1,835.45		
11b	Field Office	1.00	\$6,240.74	\$6,240.74	68.00%	\$4,243.71	32.00%	\$1,997.03		\$6,240.74	100.0%	\$0.00		
11c	Video Taping	1.00	\$1,436.86	\$1,436.86	100.00%	\$1,436.86				\$1,436.86	100.0%	0.00		
11d	Erosion and Sediment Control	1.00	\$2,400.00	\$2,400.00	95.00%	\$2,280.00	2.00%	\$48.00		\$2,328.00	97.0%	\$72.00		
11e	Valve Replacement in Pipe Gallery	1.00	\$231,717.54	\$231,717.54	21.00%	\$48,711.39	37.89%	\$87,801.00		\$136,512.39	58.9%	\$195,205.15		
11f	Remove and Install Floculators	1.00	\$259,576.44	\$259,576.44	74.40%	\$195,741.05	2.00%	\$3,191.53		\$198,932.58	77.4%	\$160,643.86		
11g	Remove and Install Plate Settlers	1.00	\$57,937.44	\$57,937.44	25.00%	\$14,484.36				\$14,484.36	25.0%	\$43,453.08		
11h	Remove and Install Flash Mixer	1.00	\$74,709.36	\$74,709.36	86.60%	\$64,677.34	2.00%	\$1,494.19		\$66,171.53	88.6%	\$8,537.83		
11i	Remove and Install Sludge Thickening Equipment	1.00	\$139,828.08	\$139,828.08	78.60%	\$109,957.02	2.00%	\$2,796.56		\$112,753.58	80.6%	\$27,074.50		
11j	Equipment Submittals	1.00	\$41,025.00	\$41,025.00	93.00%	\$38,973.75	5.00%	\$2,051.25		\$41,025.00	100.0%	0.00		
11k	Painting													
11k.1	Exterior of Sediment Basin	1.00	\$63,000.00	\$63,000.00	50.00%	\$31,500.00				\$31,500.00	50.0%	\$31,500.00		
11k.2	Interior of Sediment Basin	1.00	\$26,124.72	\$26,124.72	25.00%	\$6,531.18				\$6,531.18	25.0%	\$19,593.54		
11k.3	Plate Settlers and Equipment	1.00	\$77,000.00	\$77,000.00			25.00%	\$19,250.00		\$19,250.00	25.0%	\$57,750.00		
11k.4	Access ways and Bridges	1.00	\$66,029.00	\$66,029.00	39.50%	\$26,111.25				\$26,111.25	42.3%	\$39,917.75		
11k.5	Sludge Room	1.00	\$7,500.00	\$7,500.00	50.00%	\$3,750.00				\$3,750.00	50.0%	\$3,750.00		
11k.6	Pipe Gallery	1.00	\$50,000.00	\$50,000.00	60.00%	\$30,000.00				\$30,000.00	60.0%	\$20,000.00		
11k.7	Pipe and Valve Markings	1.00	\$5,528.00	\$5,528.00								\$5,528.00		
11l	Electrical Work													
11l.1	Mobilization	1.00	\$1,200.00	\$1,200.00	100.00%	\$1,200.00				\$1,200.00	100.0%	0.00		
11l.2	Demolition	1.00	\$1,980.00	\$1,980.00	60.00%	\$1,188.00	20.00%	\$396.00		\$1,584.00	80.0%	\$396.00		
11l.3	Electrical Equipment	1.00	\$66,640.00	\$66,640.00	37.10%	\$24,752.00	27.14%	\$18,088.00		\$42,840.00	64.3%	\$23,800.00		
11l.4	Light Fixtures and Controls	1.00	\$11,800.00	\$11,800.00	40.00%	\$4,720.00	10.00%	\$1,180.00		\$5,900.00	50.0%	\$5,900.00		
11m	Branch Power	1.00	\$8,800.00	\$8,800.00	35.00%	\$3,080.00	20.00%	\$1,760.00		\$4,840.00	55.0%	\$3,960.00		
11n	Feed Wires	1.00	\$7,180.00	\$7,180.00	45.00%	\$3,231.00	40.00%	\$2,872.00		\$6,103.00	85.0%	\$1,077.00		
11o	Control Wiring	1.00	\$36,800.00	\$36,800.00	45.00%	\$16,560.00	15.00%	\$5,520.00		\$22,080.00	60.0%	\$14,720.00		
11p	Start Up / Punch out	1.00	\$7,800.85	\$7,800.85								\$7,800.85		
A1	Alternate 1 New SS Plate Settlers													
A1a	Shop Drawings	1.00	\$32,300.00	\$32,300.00	100.00%	\$32,300.00				\$32,300.00	100.0%	0.00		
A1b	Delivery of Equipment	1.00	\$290,700.00	\$290,700.00			25.00%	\$72,675.00		\$72,675.00	25.0%	\$218,025.00		
A2	Alternate 2 Provide SS Parts in Place of Ferrous Metals in Equipment													
A2a	Shop Drawings	1.00	\$4,100.00	\$4,100.00	100.00%	\$4,100.00				\$4,100.00	100.0%	0.00		
A2b	Delivery of Equipment	1.00	\$36,900.00	\$36,900.00	100%	\$36,900.00				\$36,900.00	100.0%	0.00		
A3	Alternate 3 Replace Filter Media	1.00	\$55,500.00	\$55,500.00	85.31%	\$47,338.00	14.67%	\$8,162.00		\$55,500.00	100.00%	\$0.00		
	Change Order #01		\$5,499.00	\$5,499.00						\$5,499.00				
	Change Order #02	1	\$20,589.05	\$20,589.05			100.00%	\$20,589.05		\$20,589.05				
	<b>Totals</b>		<b>\$1,848,098.05</b>	<b>\$1,848,098.05</b>		<b>\$820,765.31</b>		<b>\$254,322.33</b>		<b>\$1,073,097.64</b>	<b>58.1%</b>	<b>\$773,000.41</b>		

The following change order was submitted and explained.

Some piping will be installed to allow for the bypassing of the flash mixer during the new equipment installation, however, the City wants to retain the bypass pipe incase basin ever needs taken down again.

Piping supports that should have been in place were added.

CHANGE ORDER		Distribution:	
		OWNER	<input checked="" type="checkbox"/> FIELD <input checked="" type="checkbox"/>
		ENGINEER	<input checked="" type="checkbox"/>
		CONTRACTOR	<input checked="" type="checkbox"/>
PROJECT:	City of Buckhannon Water Treatment Plant Improvements Contract No. 2	CHANGE ORDER NO.:	2
CONTRACTOR:	Triton Construction, Inc. 1944 Winfield Road Saint Albans, WV 25177	INITIATION DATE:	September 8, 2016
		ENGINEER'S PROJECT NUMBER:	13054
		CONTRACT DATE:	09/16
		CONTRACT FOR:	WTP Improvements
You are directed to make the following changes in this Contract:		See Attachment for Details	
<b>1 Add actuator fuses (8 semi conductor fuse block assemblies to be installed in the pipe gallery).</b>			
	Electrical Sub contractor Cost		\$2,080.00
	General Contractor Markup (5%)		\$149.00
	B&O Taxes (2%)		\$62.58
	<b>Total Cost</b>		<b>\$3,191.58</b>
<b>2 Add 2 Ladders in the sludge basin and 4 Platforms in the Floc. Basins.</b>			
	Equipment Cost		\$5,884.00
	Labor		\$1,274.83
	Overhead and Profit (15%)		\$1,073.82
	B&O Tax (2%)		\$164.05
	<b>Total Cost</b>		<b>\$8,397.30</b>
<b>3 Add Flash Mixer Basin HDPE Bypass Piping (For Permanent Use)</b>			
	Equipment Cost		\$4,416.81
	Labor		\$1,212.09
	Overhead and Profit (15%)		\$944.34
	B&O Tax (2%)		\$129.46
	<b>Total Cost</b>		<b>\$6,602.70</b>
<b>4 South East Corner of Sed. Basin Concrete Repair</b>			
	Equipment Cost		\$1,052.73
	Labor		\$557.89
	Overhead and Profit (15%)		\$241.59
	B&O Tax (2%)		\$37.04
	<b>Total Cost</b>		<b>\$1,889.25</b>
<b>5 Add Pipe Support/ Hanger in Pipe Gallery</b>			
	Equipment Cost		\$258.87
	Labor		\$174.40
	Overhead and Profit (15%)		\$64.99
	B&O Tax (2%)		\$9.97
	<b>Total Cost</b>		<b>\$508.23</b>
	<b>Total Change Order Amount</b>		<b>\$20,589.05</b>
<b>6 Add 60 calendar days to the contract time to allow for coating installation, leak testing, and equipment shipment/installation.</b>			
Not valid until signed by both the Owner and Engineer. Signature of the Contractor indicates his agreement herewith, including any adjustment in the Contract Sum or Contract Time, and the Contractor hereby waives the right to claim any delays as a result of this Change Order.			
The Original Contract Sum was		\$	1,833,000.00
Net change by previously authorized Change Orders is		\$	(5,499.00)
The Contract Sum prior to this		\$	1,827,501.00
Change Order was		\$	1,827,501.00
The Contract Sum will be		\$	\$20,589.05
(increased) by this Change Order		\$	1,848,090.05
The new Contract Sum including		\$	1,848,090.05
this Change Order will be		\$	
The Contract Time will be changed by	60	days	
Therefore, the Date of Substantial Completion Will Be	December 9, 2016		
Authorized:	Chapman Technical Group	Triton Construction Inc.	City of Buckhannon Water Board
ENGINEER	200 South Ave.	1944 Winfield Road	OWNER
	Address	Address	Address
	St. Albans, WV 25177	St. Albans, WV 25177	Buckhannon, WV 26201
By	Stephen M. Johnson, PE	By	John M. Farley
		By	Dave McCauley, Mayor
Date		Date	

Mr. Hollen has reviewed the details of each of the items included in Change Order #2 for accuracy and pricing and approves of the submitted Change Order.

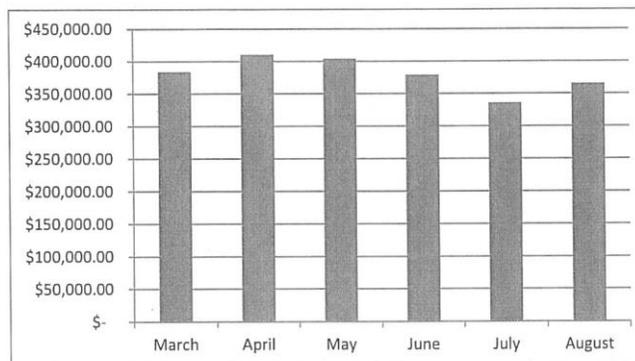
**Motion Brown/Thomas to approve the change order dated 9/8/16 in the amount of \$20,589.05 for contractor Triton Contracting, Inc. Motion carried.**

**Motion Thomas/Skinner to approve the pay request #5 for Triton Contracting in the amount of \$282,644.48. This includes the change order costs. Motion carried**

**Finance Report:** Mrs. Jenkins reported the following:

Balance August 31, 2016

Money market & checking	\$ 365,868.78
CD	\$ 573,253.59
2% Depreciation fund	\$ 375,670.14



Money Market and Checking Six Month Trend

Note: Bond Payments will begin March 2017 \$22751.66 per mth.

9-08-2016 11:04 AM

CITY OF BUCKHANNON  
REVENUE & EXPENSE REPORT (UNAUDITED)  
AS OF: AUGUST 31ST, 2016

PAGE:

400-WATER

% OF YEAR COMPLETED: 16.67

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
<b>UTILITY BILLINGS</b>						
400-350-000-00 RESIDENTIAL SALES	750,000	66,437.50	136,802.29	0.00	613,197.71	18.24
400-350-000-01 COMMERCIAL/INDUSTRIAL SAL	500,000	44,282.88	87,389.38	0.00	412,610.62	17.48
400-350-000-03 PRIVATE FIRE PROTECTION	10,000	1,300.00	2,590.00	0.00	7,410.00	25.90
400-350-000-04 PUBLIC FIRE PROTECTION	0	0.00	0.00	0.00	0.00	0.00
TOTAL UTILITY BILLINGS	1,260,000	112,020.38	226,781.67	0.00	1,033,218.33	18.00
<b>OUTSIDE DISTRICTS</b>						
400-360-000-00 MT HOPE WATER (MASTER MET	105,000	8,993.03	19,772.65	0.00	85,227.35	18.83
400-360-000-01 HODGESVILLE PSD (MASTER M	220,000	14,028.73	29,982.96	0.00	190,017.04	13.63
400-360-000-02 ELKINS ROAD PSD (MASTER M	110,000	7,893.42	16,240.79	0.00	93,759.21	14.76
400-360-000-03 ADRIAN PSD (MASTER METER)	170,000	16,012.98	32,109.50	0.00	137,890.50	18.89
TOTAL OUTSIDE DISTRICTS	605,000	46,928.16	98,105.90	0.00	506,894.10	16.22
<b>GRANTS</b>						
400-366-000-01 STATE GRANTS	0	0.00	0.00	0.00	0.00	0.00
400-368-000-00 CONTRIBUTION REVENUE	2,000	0.00	0.00	0.00	2,000.00	0.00
400-368-000-01 RECLASSIFY REVENUE-ARMORY	0	0.00	0.00	0.00	0.00	0.00
400-368-000-02 RECLASSIFY REVENUE	0	0.00	0.00	0.00	0.00	0.00
TOTAL GRANTS	2,000	0.00	0.00	0.00	2,000.00	0.00
<b>INTRAFUND CONTR/CHARGES</b>						
400-370-000-01 LATE CHARGES	15,000	3,648.13	7,057.17	0.00	7,942.83	47.05
400-370-000-02 WATER BILLING-NEW SERVICE	0	0.00	0.00	0.00	0.00	0.00
400-370-000-03 CUSTOMER BILL FEES(BANK-S	2,000	425.00	775.00	0.00	1,225.00	38.75
400-370-000-04 C J MARTIN WATER LINE EXT	0	0.00	0.00	0.00	0.00	0.00
400-370-000-05 LEWIS WATER LINE EXT	0	0.00	0.00	0.00	0.00	0.00
TOTAL INTRAFUND CONTR/CHARGES	17,000	4,073.13	7,832.17	0.00	9,167.83	46.07
<b>OTHER REVENUE</b>						
400-379-000-00 GAIN ON SALE	0	0.00	0.00	0.00	0.00	0.00
400-380-000-00 INTEREST INCOME	1,500	0.00	0.00	0.00	1,500.00	0.00
400-399-000-00 MISC. NONOPERATING INCOME	10,000	1,300.00	2,150.00	0.00	7,850.00	21.50
TOTAL OTHER REVENUE	11,500	1,300.00	2,150.00	0.00	9,350.00	18.70
<b>TOTAL REVENUE</b>	<b>1,895,500</b>	<b>164,321.67</b>	<b>334,869.74</b>	<b>0.00</b>	<b>1,560,630.26</b>	<b>17.67</b>

400-WATER

% OF YEAR COMPLETED: 16.67

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
<b>BAD DEBT</b>						
=====						
<b>NON-OPERATING EXPENSES</b>						
400-550-676-00 BAD DEBT EXPENSE (return c	0	0.00	0.00	0.00	0.00	0.00
TOTAL NON-OPERATING EXPENSES	0	0.00	0.00	0.00	0.00	0.00
TOTAL BAD DEBT	0	0.00	0.00	0.00	0.00	0.00
<b>DEPRECIATION</b>						
=====						
<b>CONTRIBUTIONS</b>						
400-580-500-00 DEPRECIATION EXPENSE	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 DEPRECIATION	0	0.00	0.00	0.00	0.00	0.00
<b>RESERVIOR MANGMT DAM</b>						
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<b>SALARIES &amp; BENEFITS</b>						
400-601-103-00 RESERVIOR MANAGEMENT LABO	0	0.00	0.00	0.00	0.00	0.00
TOTAL SALARIES & BENEFITS	0	0.00	0.00	0.00	0.00	0.00
<b>CONTRACTUAL SERVICES</b>						
400-601-211-00 UTILITIES - ELEC,GAS,PHON	14,000	1,345.56	2,691.38	0.00	11,308.62	19.22
400-601-226-00 PAYROLL OVERHEAD (FICA,RE	0	0.00	0.00	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	14,000	1,345.56	2,691.38	0.00	11,308.62	19.22
<b>COMMODITIES</b>						
400-601-342-00 MAINTENANCE RIVER INTAKE&	500	0.00	0.00	0.00	500.00	0.00
400-601-346-00 WATERSHED MANAGEMENT	0	0.00	0.00	0.00	0.00	0.00
400-601-347-00 MAINTENANCE DAM	2,000	0.00	0.00	0.00	2,000.00	0.00
400-601-399-00 WATERSHED, DAM MISC	0	0.00	0.00	0.00	0.00	0.00
TOTAL COMMODITIES	2,500	0.00	0.00	0.00	2,500.00	0.00
TOTAL RESERVIOR MANGMT DAM	16,500	1,345.56	2,691.38	0.00	13,808.62	16.31
<b>WATER PLANT</b>						
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<b>SALARIES &amp; BENEFITS</b>						
400-642-103-00 WATER PUMPERS SALARIES	249,000	21,644.71	54,352.03	0.00	194,647.97	21.83
400-642-104-00 FICA TAX	21,000	1,659.12	4,166.80	0.00	16,833.20	19.84

400-WATER

% OF YEAR COMPLETED: 16.67

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
400-642-105-00 HEALTH INSURANCE	62,000	5,477.46	10,954.92	0.00	51,045.08	17.67
400-642-106-00 RETIREMENT	36,500	2,597.37	6,522.23	0.00	29,977.77	17.87
400-642-109-00 ADJUST COMPENSATED ABSENC	0	0.00	0.00	0.00	0.00	0.00
TOTAL SALARIES & BENEFITS	368,500	31,378.66	75,995.98	0.00	292,504.02	20.62
<b>CONTRACTUAL SERVICES</b>						
400-642-211-00 UTILITIES - ELEC, GAS, PH	105,000	9,841.78	19,626.91	0.00	85,373.09	18.69
400-642-221-00 TRAINING & CONTINUED EDUC	5,000	20.05	285.05	0.00	4,714.95	5.70
400-642-226-00 UNEMPLOYMENT/COMPENSATION	8,000	572.67	1,682.93	0.00	6,317.07	21.04
TOTAL CONTRACTUAL SERVICES	118,000	10,434.50	21,594.89	0.00	96,405.11	18.30
<b>COMMODITIES</b>						
400-642-341-00 OFFICE EXPENSE	2,500	273.03	324.26	0.00	2,175.74	12.97
400-642-342-00 MAINT TREATMENT PLANT BLD	2,500	28.48	28.48	0.00	2,471.52	1.14
400-642-343-00 VEHICLE MAINTENANCE	1,750	74.90	74.90	0.00	1,675.10	4.28
400-642-343-01 PLANT VEHICLE FUEL	3,000	101.01	303.93	0.00	2,696.07	10.13
400-642-344-00 GENERAL EQUIPMENT MAINTEN	2,500	46.25	164.98	0.00	2,335.02	6.60
400-642-345-00 UNIFORMS PERSONAL SAFETY	3,000	146.48	292.96	0.00	2,707.04	9.77
400-642-346-00 MAINT TREATMENT PLANT EQU	12,500	170.32	185.03	0.00	12,314.97	1.48
400-642-347-00 PLANT LAB MAINT & SUPPLIE	15,000	1,119.97	1,119.97	0.00	13,880.03	7.47
400-642-348-00 CHEMICAL COSTS	130,000	22,493.15	29,197.55	( 3,204.40)	104,006.85	19.99
400-642-349-00 COMPLIANCE MONITORING	12,500	1,630.00	1,921.00	0.00	10,579.00	15.37
400-642-350-00 TELEMETRY COSTS	4,000	0.00	0.00	0.00	4,000.00	0.00
400-642-399-00 PLANT MISCELLANEOUS	2,500	384.67	384.67	0.00	2,115.33	15.39
TOTAL COMMODITIES	191,750	26,468.26	33,997.73	( 3,204.40)	160,956.67	16.06
TOTAL WATER PLANT	678,250	68,281.42	131,588.60	( 3,204.40)	549,865.80	18.93
<b>WATER LINES</b>						
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<b>SALARIES &amp; BENEFITS</b>						
400-660-103-00 T & D LINE CREW SALARIES	152,500	16,614.22	43,337.12	0.00	109,162.88	28.42
400-660-103-10 LABOR&BENEFITS CAPITALIZE	0	0.00	0.00	0.00	0.00	0.00
400-660-104-00 FICA TAX	13,500	1,277.07	3,330.49	0.00	10,169.51	24.67
400-660-105-00 HEALTH INSURANCE	51,000	6,489.42	12,794.16	0.00	38,205.84	25.09
400-660-106-00 RETIREMENT	31,000	1,722.27	4,394.83	0.00	26,605.17	14.18
400-660-109-00 ADJUST COMPENSATED ABSENC	0	0.00	0.00	0.00	0.00	0.00
TOTAL SALARIES & BENEFITS	248,000	26,102.98	63,856.60	0.00	184,143.40	25.75
<b>CONTRACTUAL SERVICES</b>						
400-660-211-00 UTILITIES - ELEC,GAS,PHON	22,000	1,726.32	4,754.18	0.00	17,245.82	21.61
400-660-221-00 TRAINING & CONTINUED EDUC	2,250	20.05	285.05	0.00	1,964.95	12.67
400-660-226-00 UNEMPLOYMENT/COMPENSATION	12,500	572.67	1,682.93	0.00	10,817.07	13.46
TOTAL CONTRACTUAL SERVICES	36,750	2,319.04	6,722.16	0.00	30,027.84	18.29
<b>COMMODITIES</b>						
400-660-341-00 OFFICE EXPENSE	3,500	312.20	312.20	49.99	3,137.81	10.35
400-660-342-00 MAINTENANCE GARAGE BLDG	3,500	0.00	85.57	0.00	3,414.43	2.44

400-WATER

% OF YEAR COMPLETED: 16.67

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
400-660-343-00 VEHICLE MAINTENANCE	5,000	46.04	364.64	0.00	4,635.36	7.29
400-660-343-01 LINE VEHICLE FUEL	13,500	610.43	1,128.16	0.00	12,371.84	8.36
400-660-344-00 GENERAL EQUIPMENT MAINTEN	19,000	200.40	1,075.87	447.72	17,476.41	8.02
400-660-345-00 UNIFORMS-PERSONAL SAFETY	5,500	146.48	292.96	0.00	5,207.04	5.33
400-660-347-00 BOOSTER PUMP BLDG EQUIP M	20,000	0.00	0.00	0.00	20,000.00	0.00
400-660-348-00 DISTRIBUTION TANK MAINTEN	3,500	0.00	6.45	0.00	3,493.55	0.18
400-660-349-00 LINE MAINTENANCE MATERIAL	0	0.00	0.00	0.00	0.00	0.00
400-660-350-00 LINE MAINT PERMITS (DOH)	500	34.00	59.50	0.00	440.50	11.90
400-660-351-00 COMPLIANCE MONITORING	1,500	0.00	10.00	0.00	1,490.00	0.67
400-660-352-00 NEW SERVICES, UPGRADE MAT	75,000	3,648.03	4,146.23	183.26	70,670.51	5.77
400-660-353-00 MAPPING & LINE LOCATING E	1,500	35.70	90.30	0.00	1,409.70	6.02
400-660-354-00 FIRE SERVICE MATERIALS	1,500	0.00	0.00	0.00	1,500.00	0.00
TOTAL COMMODITIES	153,500	5,033.28	7,571.88	680.97	145,247.15	5.38
<b>NON-OPERATING EXPENSES</b>						
400-660-999-00 TRAN DISTRIB MISCELLANEOU	1,200	31.26	31.26	0.00	1,168.74	2.61
TOTAL NON-OPERATING EXPENSES	1,200	31.26	31.26	0.00	1,168.74	2.61
<b>TOTAL WATER LINES</b>	<b>439,450</b>	<b>33,486.56</b>	<b>78,181.90</b>	<b>680.97</b>	<b>360,587.13</b>	<b>17.95</b>
<b>WATER METERS</b>						
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<b>SALARIES &amp; BENEFITS</b>						
400-902-103-00 METER ON/OFF & MAINT LABO	74,000	5,182.23	13,248.05	0.00	60,751.95	17.90
400-902-104-00 FICA TAX	7,000	397.93	1,017.20	0.00	5,982.80	14.53
400-902-105-00 HEALTH INSURANCE	47,500	2,625.40	5,250.80	0.00	42,249.20	11.05
400-902-106-00 RETIREMENT	12,500	621.87	1,589.77	0.00	10,910.23	12.72
400-902-109-00 ADJUST COMPENSATED ABSENC	0	0.00	0.00	0.00	0.00	0.00
TOTAL SALARIES & BENEFITS	141,000	8,827.43	21,105.82	0.00	119,894.18	14.97
<b>CONTRACTUAL SERVICES</b>						
400-902-221-00 TRAINING & CONTINUED EDUC	0	0.00	0.00	0.00	0.00	0.00
400-902-226-00 PAYROLL OVERHEAD-FICA,RET	2,425	572.67	1,682.93	0.00	742.07	69.40
TOTAL CONTRACTUAL SERVICES	2,425	572.67	1,682.93	0.00	742.07	69.40
<b>COMMODITIES</b>						
400-902-342-00 MAINTENANCE OF METER SHOP	0	0.00	0.00	0.00	0.00	0.00
400-902-343-00 VEHICLE MAINTENANCE	0	227.38	227.38	0.00	(227.38)	0.00
400-902-343-01 METER VEHICLE FUEL	0	378.46	921.12	0.00	(921.12)	0.00
400-902-344-00 GENERAL EQUIPMENT MAINTEN	0	0.00	0.00	0.00	0.00	0.00
400-902-345-00 UNIFORMS-PERSONAL SAFETY E	0	146.48	292.96	50.00	(342.96)	0.00
400-902-346-00 REPLACEMENT NEW METERS, P	0	0.00	0.00	0.00	0.00	0.00
TOTAL COMMODITIES	0	752.32	1,441.46	50.00	(1,491.46)	0.00
<b>NON-OPERATING EXPENSES</b>						
400-902-999-00 CUST SERVICE-METER READ	500	0.00	0.00	0.00	500.00	0.00
TOTAL NON-OPERATING EXPENSES	500	0.00	0.00	0.00	500.00	0.00
<b>TOTAL WATER METERS</b>	<b>143,925</b>	<b>10,152.42</b>	<b>24,230.21</b>	<b>50.00</b>	<b>119,644.79</b>	<b>16.87</b>

400-WATER

% OF YEAR COMPLETED: 16.67

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
<b>OFFICE/ADMIN</b>						
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<b>SALARIES &amp; BENEFITS</b>						
400-920-101-00 AD & GE SALARIES BOARD	39,500	1,337.50	2,875.00	0.00	36,625.00	7.28
400-920-103-00 AD & GE OFFICE SALARIES	144,000	8,275.60	20,742.84	0.00	123,257.16	14.40
400-920-104-00 FICA TAX	17,000	736.97	1,811.01	0.00	15,188.99	10.65
400-920-105-00 HEALTH INSURANCE	75,000	4,364.09	9,679.82	0.00	65,320.18	12.91
400-920-106-00 RETIREMENT	24,500	993.06	2,455.55	0.00	22,044.45	10.02
400-920-109-00 ADJUST COMPENSATED ABSENC	0	0.00	0.00	0.00	0.00	0.00
TOTAL SALARIES & BENEFITS	300,000	15,707.22	37,564.22	0.00	262,435.78	12.52
<b>CONTRACTUAL SERVICES</b>						
400-920-211-00 UTILITIES - ELEC,GAS, PHON	1,500	121.09	271.32	0.00	1,228.68	18.09
400-920-221-00 TRAINING & CONTINUED EDUC	2,500	125.00	225.00	0.00	2,275.00	9.00
400-920-226-00 UNEMPLOYMENT/COMPENSATION	35,000	34.11	8,503.30	0.00	26,496.70	24.30
TOTAL CONTRACTUAL SERVICES	39,000	280.20	8,999.62	0.00	30,000.38	23.08
<b>COMMODITIES</b>						
400-920-341-00 MATERIALS & SUPPLIES EXPE	28,000	1,718.78	3,116.93	0.00	24,883.07	11.13
400-920-343-00 VEHICLE MAINTENANCE	0	0.00	0.00	0.00	0.00	0.00
400-920-347-00 GENERAL EQUIPMENT MAINTEN	0	0.00	0.00	0.00	0.00	0.00
400-920-348-00 MAINTENANCE & RENT-OFFICE	10,000	0.00	0.00	0.00	10,000.00	0.00
400-920-349-00 AUDITING EXPENSE	2,000	0.00	1,375.00	0.00	625.00	68.75
400-920-350-00 LEGAL EXPENSE	5,000	6,041.67	8,031.72	0.00	(3,031.72)	160.63
400-920-351-00 ENGINEERING EXPENSE	50,000	3,150.00	4,725.37	0.00	45,274.63	9.45
400-920-352-00 PROPERTY INSURANCE	12,500	0.00	1,791.66	0.00	10,708.34	14.33
400-920-353-00 PSC ASSESSMENTS	12,500	0.00	5,851.70	0.00	6,648.30	46.81
400-920-369-00 CUSTOMER DEP INTEREST PAI	0	1.60	3.38	0.00	(3.38)	0.00
TOTAL COMMODITIES	120,000	10,912.05	24,895.76	0.00	95,104.24	20.75
<b>CAPITAL OUTLAY</b>						
400-920-459-00 CAPITAL OUTLAY COMPUTER	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
<b>NON-OPERATING EXPENSES</b>						
400-920-670-00 DEPOSIT INTEREST EXPENSE	0	0.00	0.00	0.00	0.00	0.00
400-920-999-00 ADM BOARD-BILLING MISC	37,500	3,821.25	10,815.32	0.00	26,684.68	28.84
TOTAL NON-OPERATING EXPENSES	37,500	3,821.25	10,815.32	0.00	26,684.68	28.84
<b>TOTAL OFFICE/ADMIN</b>	<b>496,500</b>	<b>30,720.72</b>	<b>82,274.92</b>	<b>0.00</b>	<b>414,225.08</b>	<b>16.57</b>
<b>BAD DEBTS</b>						
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<b>SALARIES &amp; BENEFITS</b>						
400-955-109-00 BAD DEBTS	0	0.00	0.00	0.00	0.00	0.00
TOTAL SALARIES & BENEFITS	0	0.00	0.00	0.00	0.00	0.00

400-WATER

% OF YEAR COMPLETED: 16.67

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
TOTAL BAD DEBTS	0	0.00	0.00	0.00	0.00	0.00
CAPITAL/PROJECTS						
=====						
SALARIES & BENEFITS						
400-999-110-00 PAINT INT. CLOW TANK	0	0.00	0.00	0.00	0.00	0.00
400-999-120-00 METER READER HANDHELD UPG	2,000	0.00	0.00	0.00	2,000.00	0.00
400-999-130-00 ZICKEFOOSE TRLR CT 2"LINE	0	0.00	0.00	0.00	0.00	0.00
400-999-140-00 ISLAND AVE 6" TO REPLACE	92,500	0.00	0.00	0.00	92,500.00	0.00
400-999-163-00 PLANT LAB UPGRADE	0	0.00	0.00	0.00	0.00	0.00
400-999-170-00 REPLACE 4" LDS CHURCH SOU	0	0.00	0.00	0.00	0.00	0.00
400-999-172-00 KENNEDY HYDRANT REPLACEME	16,000	0.00	0.00	0.00	16,000.00	0.00
400-999-173-00 MEADE - COLLEGE TO CAMDEN	0	0.00	0.00	0.00	0.00	0.00
400-999-176-00 LIGHTBURN STREET	0	0.00	0.00	0.00	0.00	0.00
400-999-177-00 RILEY HEIGHTS	0	0.00	0.00	0.00	0.00	0.00
400-999-178-00 HYDRANT UPGRADE TO STEAME	0	0.00	0.00	0.00	0.00	0.00
400-999-187-00 BRIDGE METER SHOP TO CHEM	0	0.00	0.00	0.00	0.00	0.00
400-999-189-00 RENEW 84 METER SERVICES	10,000	0.00	0.00	0.00	10,000.00	0.00
400-999-190-00 VARIOUS OTHER PROJECTS	15,000	2,391.12	2,391.12	0.00	12,608.88	15.94
400-999-191-00 HOUSING AUTHORITY METERIN	0	0.00	0.00	0.00	0.00	0.00
400-999-197-00 PAINTING INT N. BKH TANK	0	0.00	0.00	0.00	0.00	0.00
TOTAL SALARIES & BENEFITS	135,500	2,391.12	2,391.12	0.00	133,108.88	1.76
NON-OPERATING EXPENSES						
400-999-602-00 INTAKE LARGE COMPRESSOR	0	0.00	0.00	0.00	0.00	0.00
400-999-612-00 WATER PLANT PROJ PHASE 1	0	0.00	0.00	0.00	0.00	0.00
400-999-613-00 KNOLLWOOD 4" TAP	3,000	0.00	0.00	0.00	3,000.00	0.00
400-999-619-00 24 MISC VALVES TO REPLACE	20,000	0.00	0.00	0.00	20,000.00	0.00
400-999-620-00 EMERG GEN @ BOOSTER STATI	0	0.00	0.00	0.00	0.00	0.00
400-999-621-00 PAINT INT. ST. JOE TANK	0	0.00	0.00	0.00	0.00	0.00
400-999-622-00 LEWIS LINE EXTENTION	0	0.00	0.00	0.00	0.00	0.00
400-999-623-00 DOLLAR STORE FIRE SERVICE	0	0.00	0.00	0.00	0.00	0.00
400-999-624-00 PAINT EXT. ST. JOE TANK	0	0.00	0.00	0.00	0.00	0.00
400-999-625-00 14 NEW CITY/COUNTY HYDRAN	0	0.00	0.00	0.00	0.00	0.00
400-999-626-00 COMMERCIAL LAWNMOWER	0	0.00	0.00	0.00	0.00	0.00
400-999-627-00 GPS & LAPTOP	4,500	0.00	0.00	0.00	4,500.00	0.00
400-999-628-00 ST JOE CHECK VALVE SYSTEM	0	0.00	0.00	0.00	0.00	0.00
400-999-665-00 DEPRECIATION FUND (NEW PL	0	0.00	0.00	0.00	0.00	0.00
400-999-666-00 VICTORIA HILL TANK	0	0.00	0.00	0.00	0.00	0.00
400-999-667-00 FILTER MEDIA REPLACEMENT	0	0.00	0.00	0.00	0.00	0.00
400-999-668-00 REPLACE TRUCK	0	0.00	0.00	0.00	0.00	0.00
400-999-669-00 TAMP EQUIPMENT	0	0.00	0.00	0.00	0.00	0.00
400-999-670-00 ARMORY-BRUSHY FORK LINE	0	0.00	0.00	0.00	0.00	0.00
400-999-671-00 METER BARREL E. MAIN STRE	0	0.00	0.00	0.00	0.00	0.00
400-999-672-00 LEAK DETECTION EQUIPMENT	30,000	0.00	0.00	0.00	30,000.00	0.00
400-999-673-00 PORTABLE FLOW METER LEAK	0	0.00	0.00	0.00	0.00	0.00
400-999-674-00 REPLACE CREW TRUCK	0	0.00	0.00	0.00	0.00	0.00

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400-WATER

% OF YEAR COMPLETED: 16.67

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	TOTAL ENCUMBERED	BUDGET BALANCE	% YTD BUDGET
400-999-675-00 BOOM TRUCK/SLUDGE	1,200	0.00	0.00	0.00	1,200.00	0.00
400-999-676-00 PLANT AIR COMPRESSOR	0	0.00	0.00	0.00	0.00	0.00
400-999-677-00 SLUDGE PUMPS	0	547.11	547.11	0.00	547.11	0.00
400-999-678-00 PLANT FLOW METER	0	0.00	0.00	0.00	0.00	0.00
400-999-679-00 LIME/SODA ASH FEEDER	0	0.00	0.00	0.00	0.00	0.00
400-999-680-00 VED-H.S PUMP	0	0.00	0.00	0.00	0.00	0.00
400-999-681-00 SCADA TANK/PUMP STATION	150,000	12,989.32	25,978.64	0.00	124,021.36	17.32
400-999-681-01 ADRIAN HODGESVILLE SCADA	10,000	0.00	0.00	0.00	10,000.00	0.00
400-999-682-00 STORAGE BUILDING	0	0.00	0.00	0.00	0.00	0.00
400-999-682-01 MASTER METERS COLLEGE	30,000	0.00	0.00	0.00	30,000.00	0.00
400-999-682-02 DRAINS IN MASTER METER PI	10,000	0.00	0.00	0.00	10,000.00	0.00
400-999-682-03 XREA PUMPS FOR PUMPSTATIO	10,000	0.00	0.00	0.00	10,000.00	0.00
400-999-682-04 SUPERVISOR TRUCK	35,000	0.00	0.00	0.00	35,000.00	0.00
400-999-682-05 BACKHOE	17,675	0.00	0.00	0.00	17,675.00	0.00
400-999-682-06 CAPSTONE REPAIR WTP BLDGS	27,500	0.00	0.00	0.00	27,500.00	0.00
400-999-682-07 ROOFING SEAM REPAIR.	10,000	0.00	0.00	0.00	10,000.00	0.00
400-999-682-08 CADD SOFTWARE LICENSE	1,000	0.00	0.00	0.00	1,000.00	0.00
400-999-682-09 TANK MIXERS TENNERTON TAN	20,000	0.00	0.00	0.00	20,000.00	0.00
400-999-682-10 N BUCKHANNON TANK CAGE	7,500	0.00	0.00	0.00	7,500.00	0.00
400-999-682-11 LAWN TRACTOR	15,000	0.00	0.00	0.00	15,000.00	0.00
400-999-682-12 DEER CREEK ONEIL LINE	15,000	0.00	0.00	0.00	15,000.00	0.00
400-999-683-00 SECURITY GATE	12,500	0.00	0.00	0.00	12,500.00	0.00
400-999-684-00 TANK INSPECTIONS	0	0.00	0.00	0.00	0.00	0.00
400-999-685-00 SECURITY FENCING ALL TANK	0	0.00	0.00	0.00	0.00	0.00
400-999-686-00 REBUILD ALTITUDE AND PRV	0	0.00	0.00	0.00	0.00	0.00
400-999-687-00 FLOW METER TENNERTON	0	0.00	0.00	0.00	0.00	0.00
400-999-688-00 MASTER METERS COLLEGE	0	0.00	0.00	0.00	0.00	0.00
400-999-689-00 DRAINS IN MASTER METER PI	0	0.00	0.00	0.00	0.00	0.00
400-999-690-00 EXTRA PUMPS FOR PS	0	0.00	0.00	0.00	0.00	0.00
400-999-691-00 SECURITY FOR TANKS/PS	0	0.00	0.00	0.00	0.00	0.00
400-999-692-00 BACKHOE	0	1,472.93	2,945.86	0.00	2,945.86	0.00
400-999-693-00 CAPSTONE REPAIR WTP	0	0.00	0.00	0.00	0.00	0.00
400-999-694-00 18' SILENT CHECK VALVE	0	0.00	0.00	0.00	0.00	0.00
400-999-695-00 3 & 4 FILTER REHAB	0	0.00	0.00	0.00	0.00	0.00
TOTAL NON-OPERATING EXPENSES	429,875	15,009.36	29,471.61	0.00	400,403.39	6.86
TOTAL CAPITAL/PROJECTS	565,375	17,400.48	31,862.73	0.00	533,512.27	5.64
TOTAL EXPENDITURES	2,340,000	161,387.16	350,829.74	( 2,473.43)	1,991,643.69	14.89
REVENUE OVER/(UNDER) EXPENDITURES	( 444,500)	2,934.51	( 15,960.00)	2,473.43	( 431,013.43)	3.03

She reminded the Board Members that the second phase of increase, 15% will take place November 1st.

**Department Reports:**

- **Compac Backhoe-** Kelly Arnold reported that there is still no payment from them for the damages to water line equipment. Board members discussed the matter. Since a new city attorney will be appointed soon. It was requested to make one more attempt and send one more letter prior to filing a civil action against the company for the payment.

**Motion Thomas/Livesay to send one more letter prior to taking a civil action against Compac Backhoe. Motion carried.**

- **Shoring-** Kelly Arnold reported that he researched the product and has place an order for this. Board approved the purchase at the last meeting.
- **Temporary Help-** Kelly Arnold reported that he hired Devin Landis as temporary help. He will also hire a couple college student temporarily during Thanksgiving and Christmas break.
- **Line Crew Report-** Kelly Arnold submitted and explained the following report:

**CITY OF BUCKHANNON WATER DEPT.  
DISTRIBUTION REPORT , AUGUST 2016  
LINE CREW and CUSTOMER SERVICE**

- Water leaks-Rt. 20 south, Meadowlands
- New Services- Island Ave., East Lawn.
- Located and marked out third lane McDonalds
- Run Tennerton Booster generator
- Poured concrete sludge room
- Locates- 28
- Electric service for Adrian PSD meter pit complete waiting on power company.
- Hydrants – Vicksburg Food Mart hydrant hit and repairs have been made.
- Residential meters changed –148
- Residential meters tested – 0
- Commercial meters changed –0
- Commercial meters tested – 0
- Commercial meters repaired – 0
- Public Service District meters tested –0
- All meters were read in system
- Off & On Reports / Customer complaints answered.--309
- Non-Payments – 37
- Back-flow/cross-conn. surveys – Commercial surveys 0, 0 requests for survey were mailed; 0, letters requesting test results mailed; 12 test results received;
- Maintenance equipment.

Mr. Arnold commented that person that hit the hydrant did not have insurance. Repair cost was about \$500.00.

- **Water Plant/ Chemical Cost Report-** Tom Landis submitted and explained the following reports.

**WATER PLANT REPORT  
August 2016**

**WATER PRODUCED – 63,326,540 GALLONS**

2,042,792 gallons daily average

Jan	67.32	April	56.12	July	57.69	Oct.
Feb	66.13	May	56.08	Aug	63.32	Nov
March	60.88	June	59.84	Sept		Dec.

**Plant Generator Hrs.**

609.8 (last ran under load on 8/22/16)

**Portable Generator Hrs.**

1001.9 (last ran under load on 8/22/16)

**Compliance Monitoring**

Mailed/faxed all August 2016 reports to Charleston as required.

Collected 10 Bac-T samples as required (sent to Clarksburg Water Board Lab)

Collected TOC samples as required (sent to Reliance Lab)

Collected Stage II DBP's Site #1 & #2

**Personnel**

Continue weekly safety meetings

**Plant**

Water hauled from the plant in August totaled 29,875 gallons.

Engineering request for capstone repair project on plant buildings

**Special Maintenance:**

Installed New Sludge Pumps

**CITY OF BUCKHANNON WATER PLANT  
Buckhannon, WV  
MONTHLY CHEMICAL COSTS**

Month:	August-16	
		<u>Y-T-D</u>
Million Gallons treated:	63.32	121.01
Total chemical treatment cost:	\$ 17,433.38	\$ 30,764.60
Cost per 1,000 Gallons:	\$ 0.275	\$ 0.254
Cost per Million Gallons:	\$ 275.32	\$ 254.23

<u>Chemical</u>	<u>Cost</u>	<u>Per Unit</u>	<u>Amount Used (LBS)</u>	<u>MONTHLY Cost</u>	<u>Per Unit</u>	<u>Y-T-D</u>
Alum		gal		\$ -	gal	\$ -
SmartPhos	\$ 14.16	gal	6.1	\$ 86.38	gal	\$ 86.38
Carbon**	\$1.04	lb	1160	\$ 1,206.40	lb	\$ 1,996.80
Chlorine**	\$0.29	lb	1880	\$ 545.20	lb	\$ 906.00
Del-pac**	\$3.67	gal	21714.4	\$ 7,969.18	gal	\$ 14,440.94
Fluoride**	\$0.54	lb	872.9	\$ 469.62	lb	\$ 900.33
KmnO4**	\$3.02	lb	710	\$ 2,144.20	lb	\$ 3,557.56
Lime**	\$0.14	lb	1550	\$ 220.10	lb	\$ 376.30
Soda Ash**	\$0.31	lb	12,550	\$ 3,890.50	lb	\$ 6,820.00
Sodium Bicarb		lb			lb	
Sodium-Hex**	\$1.67	lb	540	\$ 901.80	lb	\$ 1,680.30
PAX-XL8		gal		\$ -	gal	\$ -
				<b>\$17,433.38</b>		<b>\$ 30,764.60</b>

Mr. Landis commented that overtime may increase slightly due to working around the water plant projects.

He also wanted to thank the line crew for assisting with the concrete pad placement.

Chemical cost are up slightly due to abnormal operations, working around the plant projects.

- **Sludge Pump Project report** – Jay Hollen reported that this project is basically complete. He is negotiating with the contractor, Daman Superior, about the final invoice. He expects the cost to be less than what was presented at a past Board meeting.

**Correspondence:**

- **Cover letter from the 2016 Sanitary Survey of Buckhannon Water Board's public water system:** The following letter was submitted as information for the Board Members. Board members received a complete copy of the report.



STATE OF WEST VIRGINIA  
DEPARTMENT OF HEALTH AND HUMAN RESOURCES  
BUREAU FOR PUBLIC HEALTH  
OFFICE OF ENVIRONMENTAL HEALTH SERVICES

Earl Ray Tomblin  
Governor

Karen L. Bowling  
Cabinet Secretary

August 8, 2016

Mayor David McCauley, Board Chairman  
Buckhannon Water Board  
70 East Main Street  
Buckhannon, West Virginia 26201

RE: Buckhannon Water Board Public Water Supply  
PWSID #3304902  
Upshur County

Dear Mayor McCauley:

On August 2 and 4, 2016, a Sanitary Survey of Buckhannon Water Board's public water system was conducted in accordance with the mandates of the federal Safe Drinking Water Act (SDWA), as amended, and the West Virginia Public Water Systems Legislative Rule (WVPWSLR). Future surveys will be conducted at least every three years in accordance with the SDWA and the WVPWSLR.

We appreciate the efforts of your staff in operating the water system in compliance with the requirements of the WVPWSLR. They are doing an excellent job. It is anticipated that the guidelines provided herein will help you to understand and comply with the operational requirements imposed by the WVPWSLR.

There are several attachments to this report, including water quality data for samples collected during the survey. The eight integral components of a sanitary survey are addressed in this report. Deficiencies are summarized as follows:

**Summary of Sanitary Survey Deficiencies**

Significant Deficiencies:

None.

Moderate Deficiencies:

1. Despite recent efforts to improve tank turnover, the apparent hydraulic turnover rate in the St. Joe Tank is still significantly less than 20%.

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Fairmont District Office  
416 Adams Street, Suite 530  
Fairmont, West Virginia 26554  
Telephone: (304) 368-2530 FAX: (304) 367-2755

2. The paint condition of the St. Joe Tank has deteriorated, thus repainting or decommissioning of the tank should be considered.
3. The Airport BPS is in need of upgrades to the electrical and pressure controls and an adequately sized pressure tank to reduce the number of pump starts each day, and increase pump run times each cycle.
4. The N. Buckhannon and Victoria Hill Tanks, which operate together and receive all treated water pumped from the High Service pumps, have less than a 2-day turnover rate, indicating the need to add a third tank to this portion of the distribution system.

Minor Deficiencies:

None.

**West Virginia CSR 16-1-9a requires you to provide a written response to the Fairmont District Office, within 30 days of receipt of this report, for each deficiency noted.** More details on the deficiencies and recommendations can be found within the body of the report.

If this office can be of further assistance, please advise.

Sincerely yours,

Craig R. Cobb, P.E., Supervising District Engineer  
Environmental Engineering Division

CRC:bsh

pc: Tom Landis, Chief Operator  
Kelly Arnold, Distribution System Manager  
Jay Hollen, City Engineer  
Central Office File, Water Sanitation Surveys



Sanitary Survey

Buckhannon Water Board  
70 East Main Street  
Buckhannon, West Virginia 26201  
304-472-2530 WTP  
304-472-8628 WTP fax  
304-472-1651 City Hall

Upshur County

PWSID #3304902  
Class IV Surface Water Producing System

Conducted and Prepared by:



Craig R. Cobb, P.E., Supervising District Engineer

WV Bureau for Public Health  
Office of Environmental Health Services  
Environmental Engineering Division  
Fairmont District Office



Conducted on: August 2 and 4, 2016

There were four items of moderate deficiencies.

- 1.& 2. Tank deficiency. Mr. Hollen reported however that St Jo tank will be decommissioned in the project.
3. The Airport pressure and electrical controls. Tom Landis reported that the department is working on this matter.
4. North Buckhannon and Victoria Hill tank less than 2 day turnover. Mr. Hollen explained that he plans to clarify that the city is not responsible to supply 2 day turnover for the PSD's.

The department feels that all the items have been or will be addressed in the near future.

Mr. Hollen is working on the City's response to the deficiencies identified in the Sanitary Survey and will prepare and submit the letter to WVBPH Environmental Engineering Division by the end of the month.

### Consent Agenda

- **Approval of the minutes of the meeting 8/11/16 Water Board**

**Motion Brown/Livesay to approve the minutes of 8/11/16. Motion carried.**

### Strategic Issues for Discussion and Vote:

- **Fire Flow Meters at River Place Apartments and BU High School:**

Kelly Arnold explained that the fire flow meters at both of these locations are not working properly. There are actually 2 meters in each of these pits. One records the normal flow while the fire meter does not and is only supposed to open during high demand. The fire flow meter at River Place has stuck open and water is bypassing the metered one. Therefore the consumption has reduced greatly. Mr. Arnold has research replacing them. A special type of meter system (protectus –fire sevice meter) is required. The meter at River Place will cost about \$8,000.00 while the one at the High School is about \$18,500.00. He can find some money in the budget for about \$20,000.00. The meter needs replaced at River Place as they are losing a few hundred dollars each month.

**Motion Thomas/Brown to Authorize Purchase of the special meter system needed for these locations. Motion carried.**

- **Recommendation for .50 cents per hour increase for all hourly employees**

Mayor McCauley proposes that a .50 cent per hour be approved for all full-time hourly employees. Finances are stable at this time and another increase will take effect November 1<sup>st</sup>. He spoke of how important the employees are. Many in-house projects are done that save thousands of dollars. The Waste Collection and Consolidated Boards have authorized this. He would like to report this back at the City Council meeting next week. He hopes in the near future that merit increase would be possible as well.

**Motion Brown/Livesay to Authorize a Pay Increase of .50 cents to all full-time hourly employees in October.**

Board Member Thomas concurred with Mayor McCauley, however, he feels that there should be a meeting with all employees explaining the City finances and the challenges we face. Mayor McCauley mentioned the condition of state finances as well.

**Motion carried.**

**Board Comments:**

- Board Member Livesay is proud of all the employees and the work they do.
- Board Member Brown stated that he first was employed with the City of Buckhannon Water Department in 1968. The comparison from then to now is huge. Technology has advanced tremendously. He is proud to have worked for the City. At 85 he is still serving the City of Buckhannon.
- Board Member Skinner echoes the remarks of other board members and supports the pay increase. Happy employees are good employees.
- Board Member Thomas also echoed and commented that Mr. Brown is an example of the dedication of city employees. Finances are in good condition and have been due to previous officials.
- Mayor McCauley enjoyed having the meeting at the plant and observing the operations of it. The water and sewer employees are very important to the city operations.

There being no further business to be transacted, meeting adjourned at 4:56 p.m.

**Mayor David McCauley** \_\_\_\_\_

**Assistant Recorder Amberle Jenkins** \_\_\_\_\_