

Lyon County Water District  
Minutes

The Lyon County Water District met in regular session on Tuesday January 12, 2021 at 8AM at the Water District Office.

Board members present:  
Charles Murphy  
Chris Sutton

Others present:  
Billy Asher  
Elaina Bond  
Marvin Wilson

Doug Haws-HDR

Meeting called to order by Charles Murphy. Invocation gave by Marvin Wilson.

Visitor present None

**Motion to approve the December minutes. Motion by Chris. Seconded by Charles. Motion passed unanimously.**

**Water Issues:**  
None

**Sewer Issues:**  
None.

Doug reported for Mike. He brought the plans for the tank improvement. They want Billy to look over them and get in contact with Mike if they approve or want any changes.

Mike has tried to get in touch with PSC on the status of the rate increase. He has not heard back from them yet.

Elaina gave a report on the December financials.

**Chris motioned to approve the financial report, seconded by Charles. Motion passed unanimously.**

Elaina also presented the 2021 budget. See Attached.

**There was a motion to approve the 2021 budget. Motion by Chris. Seconded by Charles. Motion Passed.**

Managers' Report: (See Attached)

**Motion to approve managers' report. Motion by Chris. Seconded by Charles. Motion passed unanimously.**

Old Business:

Pump on Pleasant Valley: They have got the pump set and it should be up and going soon. They are waiting on KU to run the electric.

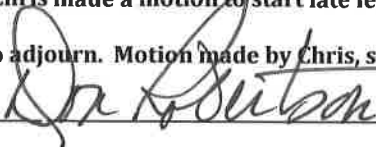
Iron Hill: After the last meeting Sharon Cruce talked with the board and decided that she did not need to the escrow after all.

New Business:

Cut-offs: **Chris made a motion to start late fees and cut-offs starting 02.01.21. Seconded by Charles. Motion passed.**

**Motion to adjourn. Motion made by Chris, second by Charles. Motion passed.**

Sign



Lyon County Water District Board Meeting

5464 Hwy. 62 West

Kuttawa, Ky. 42055

08:00am ~~May 12, 2019~~

January 12, 2021

- I. Call To Order
- II. Pledge of Allegiance
- III. Invocation
- IV. Recognition of Visitors
- V. Approval of Minutes
- VI. Water Complaints
  - A. Individual :
  - B. Business:
- VII. Sewer Complaints
  - A. Individual
  - B. Business
- VIII. KIA Infrastructure Improvements
- IX. Rural Development Improvements
- X. Financial Report, Elaina Bond
- XI. Manager's Report
- XII. Old Business
  - A. Pump on Pleasant valley rd
  - B.
- XIII. New Business
  - A. Cut- offs
  
- XIV. Adjournment

# Manager's report 1-11-21

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Flushing daily for routine samples

## LEAKS

Swanee hill rd- service under rd/ pulled new line

Raney rd-repaired service line

Grey farm rd beside eddy creek- main line/replaced section

Martin chapel-main line/replaced section

Lakeview dr-repaired service line

Set 3 new water services

Pored pit for pump on pleasant valley

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility: Lyon County Water District

For the Month of: November Year: 2020

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED, PURCHASED &amp; DISTRIBUTED</b>	
2	Water Produced	
3	Water Purchased	10,410,408
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>10,410,408</b>
5		
6	<b>WATER SALES</b>	
7	Residential	5,213,600
8	Commercial	729,300
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Other Sales	
13	<b>TOTAL WATER SALES</b>	<b>5,942,900</b> 57.1%
14		
15	<b>OTHER WATER USED</b>	
16	Utility and/or Water Treatment Plant	
17	Wastewater Plant	
18	System Flushing	2,108,750
19	Fire Department	-
20	Other <span style="margin-left: 20px;">TANK FILLS</span>	500,000
21	<b>TOTAL OTHER WATER USED</b>	<b>2,608,750</b> 25.1%
22		
23	<b>WATER LOSS</b>	
24	Tank Overflows	
25	Line Breaks	
26	Line Leaks	1,858,758
27	Other	
28	<b>TOTAL LINE LOSS</b>	<b>1,858,758</b> 17.9%
29		
30	Note: Line 13 + Line 21 + Line 28 Must Equal Line 4	
31		
32	<b>WATER LOSS PERCENTAGE</b>	
33	Unaccounted-For Water (Line 28 divided by Line 4)	<b>17.9%</b>

Lyon County Water District  
Statement of Revenues and Expenses-Budget 2021

**2021 Budget**

**SALES**

Reconnect Charges	
Miscellaneous Charges	600.00
Non-Utility Income	250.00
Residential Water Sales	1,340,000.00
Commercial Water Sales	85,000.00
Flat Rate Reveues - Gen Residential	15,000.00
Flat Rate Reveues - Gen Commercial	20,000.00
Less: Returns & Allowances	-
<b>Total Sales</b>	<u>1,460,850.00</u>
<b>Gross Profit</b>	<u>1,460,850.00</u>

**OPERATING EXPENSES**

Salaries	165,000.00
Employee Dental Insurance	1,200.00
Employee Health Insurance	31,500.00
Employee Pension Expense	45,000.00
Depreciation	319,000.00
Sales Tax	-
Local School Tax	-
Payroll Tax Expense	15,500.00
PSC Assessment	2,500.00
Interest Expense	115,000.00
Purchased Water	415,000.00
Utilities & Phone	23,000.00
Materials & Supplies	90,000.00
Office Supplies	15,000.00
Replacement to Lines	15,500.00
Contract Services	5,000.00
Contract Labor	7,000.00
Professional Fees - Legal	10,500.00
Professional Fees - Accounting	85,000.00
Loan Cost Expense	-
Insurance & Bonds	25,000.00
Miscellaneous	45,000.00
Depreciation	22,000.00
Miscellaneous Supplies & Expense	17,000.00
<b>Total Operating Expenses</b>	<u>1,469,700.00</u>

<b>Operating Income (Loss)</b>	<u>(8,850.00)</u>
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**OTHER INCOME**

Intrest Earned	3,500.00
Proceeds From Contributed Capital	6,000.00
Proceeds From Grant Revenue	-
Gain on Sale of Assets	-
<b>Total Other Income (Loss)</b>	<u>9,500.00</u>
<b>Net Income (Loss)</b>	<u>650.00</u>

See Accountant's Compilation Report

Lyon County Water District  
Minutes

The Lyon County Water District met in regular session on Tuesday February 7, 2021 at 8AM at the Water District Office.

Board members present:	Others present:	
Charles Murphy	Billy Asher	Doug Haws-HDR
Chris Sutton	Elaina Bond	Erica Perkins
Don Robertson	Marvin Wilson	

Meeting called to order by Don Robertson. Invocation gave by Charles Murphy..

Visitor present None

**Motion to approve the January minutes. Motion by Charles. Seconded by Chris. Motion passed unanimously.**

**Water Issues:**

None

**Sewer Issues:**

After a big downpour Mark Riley was asking Billy how they could keep the rain water run off out of the sewer in the Bar X area. Billy is not sure what they can do but will look into the situation.

Doug gave an update on the rate increase due to water purchase. He said that PSC is requesting more data about the purchased water increase.

Doug asked about the approval of the water tank project plans. Billy gave the ok and said everything looked good to him. Doug will pass along the information to Mike and he will start the permit process.

Elaina gave a report on the January financials.

**Chris motioned to approve the financial report, seconded by Charles. Motion passed unanimously.**

Managers' Report: (See Attached)

**Motion to approve managers' report. Motion by Charles. Seconded by Chris. Motion passed unanimously.**

Old Business:

New Business:

Campground: Inquiring about new lines be run. They are going to have to meter the water up through the road. The main question was that the water department would be responsible for the maintenance. The board is in agreement that they do not want to take on the maintenance responsibility. Also if they run lines bigger than 2 inches they will have to get a rate approval from PSC.

Elkhorn Tavern: There may be several new customers coming in. They are subdividing the area. Their main question was if we would be able to service that area. Billy said we have a 6 inch line that should service them.

**Motion to adjourn. Motion made by Chris, second by Charles. Motion passed.**

Sign \_\_\_\_\_



**Lyon County Water District Board Meeting**

**5464 Hwy. 62 West**

**Kuttawa, Ky. 42055**

**08:00am FEBUARY 7 2021**

- I. Call To Order
- II. Pledge of Allegiance
- III. Invocation
- IV. Recognition of Visitors
- V. Approval of Minutes
- VI. Water Complaints
  - A. Individual :
  - B. Business:
- VII. Sewer Complaints
  - A. Individual
  - B. Business
- VIII. KIA Infrastructure Improvements
- IX. Rural Development Improvements
- X. Financial Report, Elaina Bond
- XI. Manager's Report
- XII. Old Business
  - A.
  - B.
- XIII. New Business
  - A. Campground
  - B. Elkhorn Tavern
  
- XIV. Adjournment

# MANAGERS REPORT JANUARY 2021

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## LEAKS

HWY 810S- MAIN LINE / REPLACED SECTION

ELWOOD RD- MAIN LINE/REPLACED SECTION

HWY 778- MAIN LINE/REPLACED SECTION

HWY 810- SERVICE LINE/ REPAIRED LINE

RANEY DRIVE- SERVICE LINE/REPAIRED LINE

CHANDLER RD- SERVICE LINE/REPAIRED

SET 3 NEW WATER SERVICES



# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility:

Lyon County Water District

For the Month of:

December

Year:

2020

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED, PURCHASED &amp; DISTRIBUTED</b>	
2	Water Produced	
3	Water Purchased	11,574,557
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>11,574,557</b>
5		
6	<b>WATER SALES</b>	
7	Residential	7,048,600
8	Commercial	460,800
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Other Sales	
	<b>TOTAL WATER SALES</b>	<b>7,509,400</b>
14		
15	<b>OTHER WATER USED</b>	
16	Utility and/or Water Treatment Plant	
17	Wastewater Plant	
18	System Flushing	612,340
19	Fire Department	
20	Other <u>TANK FILLS</u>	500,000
21	<b>TOTAL OTHER WATER USED</b>	<b>1,112,340</b>
22		
23	<b>WATER LOSS</b>	
24	Tank Overflows	
25	Line Breaks	
26	Line Leaks	2,952,817
27	Other	
28	<b>TOTAL LINE LOSS</b>	<b>2,952,817</b>
29		
30	Note: Line 13 + Line 21 + Line 28 Must Equal Line 4	
31		
32	<b>WATER LOSS PERCENTAGE</b>	
33	Unaccounted-For Water (Line 28 divided by Line 4)	25.5%

Lyon County Water District  
Minutes

The Lyon County Water District met in regular session on Tuesday March 9, 2021 at 8AM at the Water District Office.

Board members present:

Charles Murphy  
Chris Sutton  
Don Robertson

Others present:

Billy Asher  
Elaina Bond  
Marvin Wilson

Doug Haws-HDR

Meeting called to order by Don Robertson. Invocation gave by Charles Murphy.

Visitor present None

**Motion to approve the February minutes. Motion by Charles. Seconded by Chris. Motion passed unanimously.**

**Water Issues:**

None

**Sewer Issues:**

None

Doug gave an update on the rate increase due to water purchase. He had paperwork for Donnie to sign today for PSC. See attached.

**A motion was made to approve the resolution on purchased water rate increase agreement for PSC. Motion by Charles. Seconded by Chris. Motion passed.** See attached.

For the latest project, they have until August to bid on everything. Due to Covid, the project will be delayed 6 months.

They are planning to bid the Iron Hill Project in April.

Elaina gave a report on the February financials.

**Chris motioned to approve the financial report, seconded by Charles. Motion passed unanimously.**

Managers' Report: (See Attached)

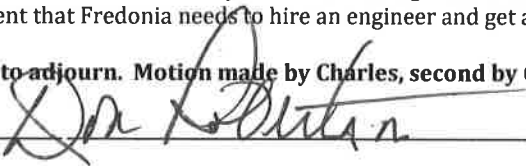
**Motion to approve managers' report. Motion by Chris. Seconded by Charles. Motion passed unanimously.**

Old Business: Cut Offs - They board wants to start cutoffs in March

New Business: Fredonia - They have been having leaks from Fredonia to Eddyville. They are needing help. The board is in agreement that Fredonia needs to hire an engineer and get a project going.

**Motion to adjourn. Motion made by Charles, second by Chris. Motion passed.**

Sign



**Lyon County Water District Board Meeting  
5464 Hwy. 62 West  
Kuttawa, Ky. 42055  
08:00am March 9 2021**

- I. Call To Order
- II. Pledge of Allegiance
- III. Invocation
- IV. Recognition of Visitors
- V. Approval of Minutes
- VI. Water Complaints
  - A. Individual :
  - B. Business:
- VII. Sewer Complaints
  - A. Individual
  - B. Business
- VIII. KIA Infrastructure Improvements
- IX. Rural Development Improvements
- X. Financial Report, Elaina Bond
- XI. Manager's Report
- XII. Old Business
  - A. Cut offs
  - B.
- XIII. New Business
  - A.
  - B.
  
- XIV. Adjournment

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility: Lyon County Water District

For the Month of: January Year: 2021

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED, PURCHASED &amp; DISTRIBUTED</b>	
2	Water Produced	
3	Water Purchased	9,001,202
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>9,001,202</b>
5		
6	<b>WATER SALES</b>	
7	Residential	4,663,800
8	Commercial	424,300
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Other Sales	
13	<b>TOTAL WATER SALES</b>	<b>5,088,100</b> 56.5%
14		
15	<b>OTHER WATER USED</b>	
16	Utility and/or Water Treatment Plant	
17	Wastewater Plant	
18	System Flushing	736,600
19	Fire Department	
20	Other <span style="margin-left: 20px;">tank fills</span>	500,000
21	<b>TOTAL OTHER WATER USED</b>	<b>1,236,600</b> 13.7%
22		
23	<b>WATER LOSS</b>	
24	Tank Overflows	
25	Line Breaks	
26	Line Leaks	2,676,502
27	Other	
28	<b>TOTAL LINE LOSS</b>	<b>2,676,502</b> 29.7%
29		
30	Note: Line 13 + Line 21 + Line 28 Must Equal Line 4	
31		
32	<b>WATER LOSS PERCENTAGE</b>	
33	Unaccounted-For Water (Line 28 divided by Line 4)	<b>29.7%</b>

# Manager's Report

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FLUSHING DAILY FOR SAMPLES

LEAKS:

PLEASANT VALLEY RD- MAIN LINE/ REPLACED SECTION

810/93 INT.-MAIN LINE/ REPLACED SECTION

DEFEW RD- 1" MAIN/ REPLACED SECTION

HWY 295- SERVICE LINE/REPAIRED

HWY 778- MAIN LINE RUPTURED IN CREEK, CUT IN VALVE ON EACH SIDE OF CREEK

ALLOT OF FROZEN METERS AND CUSTOMER LEAKS

SET ONE NEW WATER SERVICE

Monthly Rates

5/8" x 3/4" Meter

	Existing	Proposed PWA
First 2,000 Gallons	\$25.00 Minimum Bill	\$25.74 Minimum Bill
Next 3,000 Gallons	\$10.62 Per 1,000 Gallons	\$10.99 Per 1,000 Gallons
Next 5,000 Gallons	\$7.50 Per 1,000 Gallons	\$7.87 Per 1,000 Gallons
Next 10,000 Gallons	\$6.25 Per 1,000 Gallons	\$6.62 Per 1,000 Gallons
Over 20,000 Gallons	\$5.50 Per 1,000 Gallons	\$5.87 Per 1,000 Gallons

1" Meter

First 15,000 Gallons	\$116.25 Minimum Bill	\$121.80 Minimum Bill
Next 5,000 Gallons	\$6.25 Per 1,000 Gallons	\$6.62 Per 1,000 Gallons
Over 20,000 Gallons	\$5.50 Per 1,000 Gallons	\$5.87 Per 1,000 Gallons

1 1/2" Meter

First 25,000 Gallons	\$156.25 Minimum Bill	\$165.50 Minimum Bill
Over 25,000 Gallons	\$5.50 Per 1,000 Gallons	\$5.87 Per 1,000 Gallons

2" Meter

First 45,000 Gallons	\$281.25 Minimum Bill	\$297.90 Minimum Bill
Over 45,000 Gallons	\$5.50 Per 1,000 Gallons	\$5.87 Per 1,000 Gallons

PURCHASED WATER ADJUSTMENT FOR  
 WATER DISTRICTS AND WATER ASSOCIATIONS  
 (807 KAR 5:068)

Name of Utility	Lyon County Water District	
Date	03-09-21	
Address	5464 US 62	
City, State, Zip	Kuttawa, KY 42055	
Telephone Number	270-388-0271	
Email Address	lyoncowater@gmail.com	

1.a. Name of all wholesale suppliers and the base (current) rate and changed rate of each. In the event the water purchased is billed by the supplier on a rate that is not a flat rate schedule, the entire rate schedule must be shown. Attach additional sheets if necessary.



Supplier(s)	Base Rate	Changed Rate
See Attached Sheet		

1.b. A copy of the supplier's notice of the changed rate showing the effective date of the increase is attached as Exhibit

2. Twelve-month period upon which the purchased water adjustment is based. (This twelve-month period must end within 90 days of this filing).

From	January 2020	through	December 2020
	(month and year)		(month and year)

3. Statement of water purchases. Where water is purchased from more than one supplier, purchases from each supplier must be shown separately. If water is purchased through a declining block rate schedule, purchases for each month must be shown. Attach an additional sheet if necessary.

Supplier(s)	Gallons Purchased during 12 month period
See Attached Sheet	
TOTAL PURCHASES	See Attached Sheet
4. Total gallons sold for the 12 month period	88,813,800.00
5. Increased water cost	\$32,975.29
<p>The increased water cost is the cost difference between purchases at base (current rate) and purchases at new rate. The calculation and all supporting documents used to determine the change in purchased water costs sufficient to determine the accuracy of the calculation is attached as Exhibit</p>	
6. Purchased water adjustment factor	\$0.37/1000 gallons
<p>The purchased water adjustment factor is obtained by dividing the increased cost of water by the total gallons sold.</p> <p>Note: The purchased water adjustment factor is added to each thousand gallons sold. If the minimum usage is 2,000 gallons then the purchased water adjustment factor would be added to the minimum bill twice.</p>	
7. A schedule listing the current and proposed rates is attached as Exhibit	
8. A copy of the resolution or other document of the utility's governing body authorizing the proposed rates is attached as Exhibit	
9. Proposed effective date	04-01-21
	
Signature of Utility Officer	
	
Title	



Lyon County Water District  
Purchase Water Adjustment

Current Wholesale Suppliers	Base Rate/1000 Gal	Changed Rate/1000 Gal
Lake Barkley	\$2.23	\$2.23
Crittenden/Livingston	\$2.58	\$3.34
Eddyville	\$3.97	\$4.09
Kuttawa	\$2.19	\$2.19
Princeton	\$3.06	\$3.26
		Also Added Surcharge of \$697/month
<b>Purchased Water 2020</b>		
	<b>Gallons</b>	
Lake Barkley	1,271,400.00	
Crittenden/Livingston	13,950,940.00	
Eddyville	7,482,000.00	
Kuttawa	45,504,100.00	
Princeton	65,553,697.00	
<b>Total Gallons Sold</b>	<b>88,813,800.00</b>	
<b>Base Rate Cost</b>		
Lake Barkley	\$2,835.22	
Crittenden/Livingston	\$35,993.43	
Eddyville	\$29,703.54	
Kuttawa	\$99,653.98	
Princeton	\$200,594.31	
<b>Total Purchased</b>	<b>\$368,780.48</b>	
<b>Changed Rate Cost</b>		
Lake Barkley	\$2,835.22	
Crittenden/Livingston	\$46,596.14	
Eddyville	\$30,601.38	
Kuttawa	\$99,653.98	
Princeton	\$213,705.05	
Princeton Surcharge	\$8,364.00	
<b>New Total Purchased</b>	<b>\$401,755.77</b>	
<b>Increased Total</b>	<b>\$32,975.29</b>	
<b>PWA Factor</b>	<b>\$0.37</b>	

AREA Lyon County, Kentucky

PSC KY NO. 1

**7<sup>th</sup> Revised** SHEET NO. 1

CANCELLING PSC KY NO. 1

**6<sup>th</sup> Revised** SHEET NO. 1

Lyon County Water District

(NAME OF UTILITY)

Monthly Rates

5/8" x 3/4" Meter

First 2,000 Gallons	\$25.74	Minimum Bill
Next 3,000 Gallons	\$10.99	Per 1,000 Gallons
Next 5,000 Gallons	\$7.87	Per 1,000 Gallons
Next 10,000 Gallons	\$6.62	Per 1,000 Gallons
Over 20,000 Gallons	\$5.87	Per 1,000 Gallons

1" Meter

First 15,000 Gallons	\$121.80	Minimum Bill
Next 5,000 Gallons	\$6.62	Per 1,000 Gallons
Over 20,000 Gallons	\$5.87	Per 1,000 Gallons

1 1/2" Meter

First 25,000 Gallons	\$165.50	Minimum Bill
Over 25,000 Gallons	\$5.87	Per 1,000 Gallons

2" Meter

First 45,000 Gallons	\$297.90	Minimum Bill
Over 45,000 Gallons	\$5.87	Per 1,000 Gallons

DATE OF ISSUE \_\_\_\_\_

MONTH / DATE / YEAR

DATE EFFECTIVE \_\_\_\_\_

MONTH / DATE / YEAR

ISSUED BY Don Robertson \_\_\_\_\_

SIGNATURE OF OFFICER

TITLE Board Chairman \_\_\_\_\_

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION

IN CASE NO. \_\_\_\_\_ DATED \_\_\_\_\_

**LYON COUNTY WATER DISTRICT  
BOARD RESOLUTION**

NOW THEREFORE, BE IT RESOLVED that the LYON COUNTY WATER DISTRICT hereby resolves to execute and file a Purchase Water Adjustment Application, Tariff Sheet, and all other documents as may be required by the Kentucky Public Service Commission.

Approved: March 9<sup>th</sup> 2021

A handwritten signature in cursive script that reads "Don Robertson". The signature is written in black ink and is positioned above a horizontal line.

Don Robertson

Chair, Lyon County Water District

Lyon County Water District  
Minutes

The Lyon County Water District met in regular session on Tuesday April 13, 2021 at 8AM at the Water District Office.

Board members present:

Charles Murphy  
Chris Sutton  
Don Robertson

Others present:

Billy Asher  
Elaina Bond  
Marvin Wilson

Mike Hansen-HDR  
Mark Riley - Kuttawa

Meeting called to order by Don Robertson. Invocation gave by Chris Sutton.

Visitor present Mark Riley with Kuttawa Water. He came to address issues they are having with the Sewer. The main issues are within Bar-X and Bends of the River. He mentioned that they are at overloaded capacity and the lift stations cannot keep up. They believe they have a problem with I&I. The board said they will stay on Bends of the River and that they may need to put flow meters on the charge the customer with excess runoff.

**Motion to approve the March minutes. Motion by Chris. Seconded by Charles. Motion passed unanimously.**

**Water Issues:**

None

**Sewer Issues:**

None

Mike gave an update on the rate study for purchase water rate increase. They should be ready to approve it at anytime. He also mentioned that the tank project is ready to go they are just waiting on PSC approval.

Elaina gave a report on the March financials.

**Charles motioned to approve the financial report, seconded by Chris. Motion passed unanimously.**

Managers' Report: (See Attached)

**Motion to approve managers' report. Motion by Charles. Seconded by Chris. Motion passed unanimously.**

**Chris made a motion to allow Billy to get prices on a boring machine and purchase if it fell under the bidding limit. Seconded by Charles. Motion passed.**

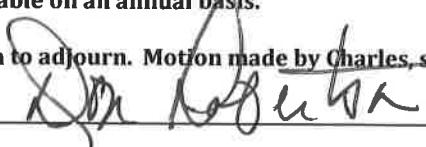
Old Business: Cut Offs

New Business: Dental Insurance

**Chris motioned to approve of the district paying 100% for medical and dental insurance for employees. It will be negotiable on an annual basis.**

**Motion to adjourn. Motion made by Charles, second by Chris. Motion passed.**

Sign \_\_\_\_\_



**Lyon County Water District Board Meeting**

**5464 Hwy. 62 West**

**Kuttawa, Ky. 42055**

**April 13 2021**

- I. Call To Order
- II. Pledge of Allegiance
- III. Invocation
- IV. Recognition of Visitors
- V. Approval of Minutes
- VI. Water Complaints
  - A. Individual :
  - B. Business:
- VII. Sewer Complaints
  - A. Individual
  - B. Business
- VIII. KIA Infrastructure Improvements
- IX. Rural Development Improvements
- X. Financial Report, Elaina Bond
- XI. Manager's Report
- XII. Old Business
  - A.
  - B.
- XIII. New Business
  - A. Bend of the rivers
  - B.
  - C.
- XIV. Adjournment

# Manager's report April 12, 2021

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## LEAKS

DRYDEN CREEK RD/ SERVICE LINE- REPLACED LINE

HWY 778/ INSTALLED 3- 6' VALVES

LIBERTY RD/ REPAIRED SERVICE LINE

DUSTIN RD/ REPAIRED SERVICE LINE/REPLACED TOP CUT OFF ON SETTER

## BORING MACHINE

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility: Lyon County Water District

For the Month of: March Year: 2021

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED, PURCHASED &amp; DISTRIBUTED</b>	
2	Water Produced	
3	Water Purchased	10,465,528
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>10,465,528</b>
6	<b>WATER SALES</b>	
7	Residential	8,190,700
8	Commercial	548,100
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Other Sales	
13	<b>TOTAL WATER SALES</b>	<b>8,738,800</b> 83.5%
15	<b>OTHER WATER USED</b>	
16	Utility and/or Water Treatment Plant	
17	Wastewater Plant	
18	System Flushing	148,900
19	Fire Department	
20	Other <span style="margin-left: 20px;">tank fills</span>	500,000
21	<b>TOTAL OTHER WATER USED</b>	<b>648,900</b> 6.2%
23	<b>WATER LOSS</b>	
24	Tank Overflows	
25	Line Breaks	
26	Line Leaks	1,077,828
27	Other	
28	<b>TOTAL LINE LOSS</b>	<b>1,077,828</b> 10.3%
30	Note: Line 13 + Line 21 + Line 28 Must Equal Line 4	
32	<b>WATER LOSS PERCENTAGE</b>	
33	Unaccounted-For Water (Line 28 divided by Line 4)	<b>10.3%</b>

Lyon County Water District  
Minutes

The Lyon County Water District met in regular session on Tuesday May 11, 2021 at 8AM at the Water District Office.

**Board members present:**

Charles Murphy  
Don Robertson

**Others present:**

Billy Asher  
Elaina Bond  
Marvin Wilson

Rick Neihls  
Lisa Neihls  
Charles Travis

Meeting called to order by Don Robertson. Invocation gave by Charles.

Visitors: Rick & Lisa Neihls. They are trying to open a new camp ground with sewer. They were also at the meeting with Kuttawa because Kuttawa is holding up the process of getting the sewer put in. Marvin said we need to stay on the engineers so that we can get the issue worked out.

Pat Travis of Mallory Rd also came to the meeting due to consecutive high water bills. Billy showed him a print out of his usage and explained some possible issue. He provided him with some names of local plumbers and their phone numbers to help him get his problem fixed.

**Motion to approve the April minutes. Motion by Charles. Seconded by Don. Motion passed unanimously.**

**Water Issues:**

Pat Tavis (see above)

**Sewer Issues:**

None

Mike was unable to attend this months meeting. No update was provided.

Elaina gave a report on the April financials.

**Charles motioned to approve the financial report, seconded by Don. Motion passed unanimously.**

Managers' Report: (See Attached)

**Motion to approve managers' report. Motion by Charles. Seconded by Don. Motion passed unanimously.**

Old Business:

New Business: Rick Neihls and Pat Tavis. (See above under visitor section)

**Motion to adjourn. Motion made by Charles, second by Don. Motion passed.**

Sign

  
\_\_\_\_\_



**Lyon County Water District Board Meeting**  
**5464 Hwy. 62 West**  
**Kuttawa, Ky. 42055**  
**May 11 2021**

- I. Call To Order
- II. Pledge of Allegiance
- III. Invocation
- IV. Recognition of Visitors
- V. Approval of Minutes
- VI. Water Complaints
  - A. Individual :
  - B. Business:
- VII. Sewer Complaints
  - A. Individual
  - B. Business
- VIII. KIA Infrastructure Improvements
- IX. Rural Development Improvements
- X. Financial Report, Elaina Bond
- XI. Manager's Report
- XII. Old Business
  - A.
  - B.
- XIII. New Business
  - A. Rick Niehls
  - B. Pat Travis/ Malloy Rd water bill dispute
  
- XIV. Adjournment

## **MANAGER'S REPORT MAY 11 2021**

### **LEAKS**

**LIBERTY RD/ REPLACED SETTER AND SERVICE LINE**

**DRYDEN CREEK/ REPLACED SERVICE LINE**

**CONFEDERATE RD/ REPLACED SECTION OF 4" MAIN**

**REPLACED 3 TOP CUT-OFFS ON SETTERS**

**HAD MEETING WITH KUTTAWA 4/29**

**SET 1 NEW WATER SERVICE**

**BORED HWY 62 WEST/ NEW BORING MACHINE**

**GRIPP INC. CAME DOWN FOR FLOW METER FOR I&I**

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility:

Lyon County Water District

For the Month of:

April

Year:

2021

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED, PURCHASED &amp; DISTRIBUTED</b>	
2	Water Produced	
3	Water Purchased	9,064,930
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>9,064,930</b>
5		
6	<b>WATER SALES</b>	
7	Residential	5,118,700
8	Commercial	689,800
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Other Sales	
13	<b>TOTAL WATER SALES</b>	<b>5,808,500</b>
14		
15	<b>OTHER WATER USED</b>	
16	Utility and/or Water Treatment Plant	
17	Wastewater Plant	
18	System Flushing	282,450
19	Fire Department	
20	Other <u>TANK FILLS</u>	500,000
21	<b>TOTAL OTHER WATER USED</b>	<b>782,450</b>
22		
23	<b>WATER LOSS</b>	
24	Tank Overflows	
25	Line Breaks	
26	Line Leaks	2,473,980
27	Other	
28	<b>TOTAL LINE LOSS</b>	<b>2,473,980</b>
29		
30	Note: Line 13 + Line 21 + Line 28 Must Equal Line 4	
31		
32	<b>WATER LOSS PERCENTAGE</b>	
33	Unaccounted-For Water (Line 28 divided by Line 4)	27.3%

Lyon County Water District  
Minutes

The Lyon County Water District met in regular session on Tuesday June 9, 2021 at 8AM at the Water District Office.

Board members present:

Charles Murphy  
Chris Sutton  
Don Robertson

Others present:

Billy Asher  
Elaina Bond  
Marvin Wilson

Doug Haws-HDR

Meeting called to order by Don Robertson. Invocation gave by Charles Murphy.

Visitors: None

**Motion to approve the March minutes. Motion by Charles. Seconded by Chris. Motion passed unanimously.**

**Water Issues:**

None

**Sewer Issues:**

None

PSC passed the increase for .38 per 1,000 gallons. It can go into effect June 1<sup>st</sup>. A new tariff needs to be signed because .37 was on the tariff submitted to PSC.

**Chris made a motion to accept the rate increase approved by PSC and encourages a speedy submission of the full rate study. The rate will go in effect for the June billing. Seconded by Charles. Motion passed unanimously.**

Doug also gave an update on the Kuttawa issue. They are suggesting flow meters. Billy has been looking at flow meters and options. (See Attached)

**Chris made a motion for Billy to work with Gripp's to get the measurements needed to provide to Kuttawa. Seconded by Charles. Motion Passed unanimously.**

Elaina gave a report on the May financials.

**Charles motioned to approve the financial report, seconded by Chris. Motion passed unanimously.**

Managers' Report: (See Attached)

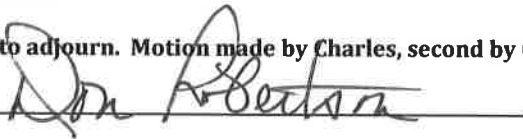
**Motion to approve managers' report. Motion by Charles. Seconded by Chris. Motion passed unanimously.**

Old Business:

New Business:

**Motion to adjourn. Motion made by Charles, second by Chris. Motion passed.**

Sign



**Lyon County Water District Board Meeting**  
**5464 Hwy. 62 West**  
**Kuttawa, Ky. 42055**  
**June 9 2021**

- I. Call To Order**
- II. Pledge of Allegiance**
- III. Invocation**
- IV. Recognition of Visitors**
- V. Approval of Minutes**
- VI. Water Complaints**
  - A. Individual :**
  - B. Business:**
- VII. Sewer Complaints**
  - A. Individual**
  - B. Business**
- VIII. KIA Infrastructure Improvements**
- IX. Rural Development Improvements**
- X. Financial Report, Elaina Bond**
- XI. Manager's Report**
- XII. Old Business**
  - A. Rick Niehls/campground**
  - B.**
- XIII. New Business**
  - A. Gripp inc./ sewer usage**
  - B. Rate increase**
  
- XIV. Adjournment**

# MANAGERS REPORT

---

## LEAKS

ELWOOD RD-SERVICE LINE—REPLACED

HWY 778- MOVED 180' OF 6" SDR 21 PVC IN CREEK WHERE LINE HAD BLEW OUT

S. WELLS- SERVICE LINE—REPAIRED

SET 7 NEW WATER SERVICES

GRIPP INC. CAME DOWN FOR I AND I INSPECTION

6" LINE @ JACK THOMPSON RD

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility:

Lyon County Water District

For the Month of:

May

Year:

2021

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED, PURCHASED &amp; DISTRIBUTED</b>	
2	Water Produced	
3	Water Purchased	9,820,607
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>9,820,607</b>
5		
6	<b>WATER SALES</b>	
7	Residential	6,219,100
8	Commercial	842,000
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Other Sales	
13	<b>TOTAL WATER SALES</b>	<b>7,061,100</b>
14		
15	<b>OTHER WATER USED</b>	
16	Utility and/or Water Treatment Plant	
17	Wastewater Plant	
18	System Flushing	958,400
19	Fire Department	
20	Other tank fills	500,000
21	<b>TOTAL OTHER WATER USED</b>	<b>1,458,400</b>
22		
23	<b>WATER LOSS</b>	
24	Tank Overflows	
25	Line Breaks	
26	Line Leaks	1,301,107
27	Other	
28	<b>TOTAL LINE LOSS</b>	<b>1,301,107</b>
29		
30	Note: Line 13 + Line 21 + Line 28 Must Equal Line 4	
31		
32	<b>WATER LOSS PERCENTAGE</b>	
33	Unaccounted-For Water (Line 28 divided by Line 4)	13.2%



17322 Westfield Park Rd.,  
 P.O. Box 405  
 Westfield, IN 46074  
 • Phone (317)896-3700 • Fax (317)-896-9267

PROPOSAL FOR
Lyon County Water District Billy Asher 5464 U.S. 62 West - P.O. Box 489 Kuttawa, Ky 42055 270-832-4786

PROPOSAL	
Proposal #	3565
Proposal Date	Tue May 25, 2021
Proposed By	Matt ZurSchmiede
Ship Via	

**PROJECT NAME**

**Lyon County Water District Effluent- Teledyne Isco 2150 Continuous Doppler Flow Meter and Rain Gauge System**

The proposed flow and rain monitoring system shall be mounted within an enclosed secure enclosure to maximize the data quality during a wet weather event. This protects the meter from extended periods of surcharging during wet weather and makes it easier to service.

Flow and rain data is collected via laptop computer and included Flowlink software

Qty	Part #	Name	Description	Rate	Amount
1	682050002	682050002	2150 Flow Module with 2191 Battery Module. Includes Area Velocity Sensor with 10 ft. (3 m) level measurement range and 33 ft. (10 m) cable, 2 battery holders, and carrying handle with suspension strap. Also includes instruction manual and coupon for free ISCO Open Channel Flow Measurement Handbook. Requires Flowlink software and computer connect cable (sold separately).	\$6,019.00	\$6,019.00
1	602004006	602004006	2191 Battery Module. Includes 2 battery holders.	\$869.00	\$869.00
1	683200008	683200008	Spring Ring for 8 inch diameter pipe	\$115.00	\$115.00
1	602004507	602004507	USB Communication Cable, 10 ft. (3 m). Connects 2100 Series Module top connector to PC with USB connector.	\$313.00	\$313.00
1	682540204	682540204	Flowlink 5.1 Software, One additional user license.	\$423.00	\$423.00
1	603284001	603284001	674 Rain Gauge. Tips every 0.01 inch of rainfall. Tipping bucket rain gauge with 50 ft. cable and connector for use with a 4100 Series Flow Logger, 4200 Series Flow Meter, or 6700 Series/Avalanche Sampler. Includes instruction manual.	\$800.00	\$800.00
1	602004560	602004560	2105 Network Interface Module only.	\$1,809.00	\$1,809.00
1	692004583	692004583	2105 to 674 Rain Gauge interconnect cable. This 10 inch cable has a 12-pin connector that connects to the 2105 module. The other end of the cable has a 4-pin connector that mates to the cable supplied with a 674 Rain Gauge.	\$191.00	\$191.00
1		Stainless Vertical Structure	Stainless Vertical Mounting Structure for the Pre-Wired Enclosure	\$550.00	\$550.00
1	Gripp Enclosure-02	Pre-Wired Fiberglass Encl. 02	Pre-Wired Fiber Reinforced Enclosure with instrument mounting back panel and lockable hasp. 24"x24"x10"	\$1,225.00	\$1,225.00
1		Installation Services	Professional installation, programming, two man confined space entry, manhole core drill, conduit, above ground structure and enclosure installation, operator training and instrument calibration.	\$2,595.00	\$2,595.00



1	Shipping 5	SHIPPING	\$128.00	\$128.00
Proposal valid for 60 days from date of issue. Please send P/O number upon acceptance of this proposal to: <a href="mailto:orders@grippinc.com">orders@grippinc.com</a>			Sub-Total	\$15,037.00
UPS Ground Shipment Quoted – Overnight Service Available Major Credit Cards Accepted			Sales Tax	\$0.00
			Total	\$15,037.00

**NOTES**

**CERTIFICATIONS**

- Teledyne/Isco Factory Trained Technicians • Confined Space Entry
- CCS • ARSC • ISN • AVETTA • OSHA 10 • WBE





17322 Westfield Park Rd.,  
 P.O. Box 405  
 Westfield, IN 46074  
 • Phone (317)896-3700 • Fax (317)-896-9267

PROPOSAL FOR
Lyon County Water District Billy Asher 5464 U.S. 62 West - P.O. Box 489 Kuttawa, Ky 42055 270-832-4786

PROPOSAL	
Proposal #	3570
Proposal Date	Tue May 25, 2021
Proposed By	Matt ZurSchmiede
Ship Via	

**PROJECT NAME**  
**Lyon County Water District Effluent Flow Study Service - 1 Month Duration**

Qty	Part #	Name	Description	Rate	Amount
1		FLST 01	GRIPP FLOW STUDY includes a temporary flow meter/rain gauge system with wireless data access, professional installation, monthly calibration, rain gauge cleaning, batteries, temporary above ground enclosure, equipment lease, instrument calibration, monthly flow reports and system removal	\$3,695.00	\$3,695.00
Proposal valid for 60 days from date of issue. Please send P/O number upon acceptance of this proposal to: <a href="mailto:orders@grippinc.com">orders@grippinc.com</a> UPS Ground Shipment Quoted – Overnight Service Available Major Credit Cards Accepted				Sub-Total	\$3,695.00
				Sales Tax	\$0.00
				<b>Total</b>	<b>\$3,695.00</b>

**NOTES**

**CERTIFICATIONS**

- Teledyne/Isco Factory Trained Technicians • Confined Space Entry
- CCS • ARSC • ISN • AVETTA • OSHA 10 • WBE



Lyon County Water District  
Minutes

The Lyon County Water District met in regular session on Tuesday July 13, 2021 at 8AM at the Water District Office.

Board members present:

Charles Murphy  
Chris Sutton  
Don Robertson

Others present:

Billy Asher  
Elaina Bond  
Marvin Wilson

Mike Hansen-HDR  
Jessica Daniel

Meeting called to order by Don Robertson. Invocation gave by Charles Murphy.

Visitors: None

**Motion to approve the June minutes. Motion by Charles. Seconded by Chris. Motion passed unanimously.**

**Water Issues:**

None

**Sewer Issues:**

None

Mike gave an update on the rate increase to just rediscuss that it will show an increase of revenue of \$33,000 per year.

Mike also gave an update on the tank project. He needs to talk to Kyle and see if we can go ahead and start bidding the project out or if we need to wait on PSC with approving the rate increase for the project.

Billy and Mike discussed the Kuttawa sewer issue with the board. (see attached report from flow meter) The report shows that the district is in line with what the contract states. Mike suggest to continue to measure the flow to have a good collection of data.

Elaina gave a report on the June financials.

**Charles motioned to approve the financial report, seconded by Chris. Motion passed unanimously.**

Managers' Report: (See Attached)

**Motion to approve managers' report. Motion by Chris. Seconded by Charles. Motion passed unanimously.**

Old Business:

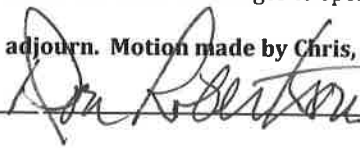
New Business: Jessica Daniel presented the audit.

**Chris made a motion to accept the audit as presented. Charles seconded. Motion passed.**

Marvin informed the board of changes to open meetings and requirements.

**Motion to adjourn. Motion made by Chris, second by Charles. Motion passed.**

Sign \_\_\_\_\_



**Lyon County Water District Board Meeting**  
**5464 Hwy. 62 West**  
**Kuttawa, Ky. 42055**  
**JULY 13 2021**

- I. Call To Order
- II. Pledge of Allegiance
- III. Invocation
- IV. Recognition of Visitors
- V. Approval of Minutes
- VI. Water Complaints
  - A. Individual :
  - B. Business:
- VII. Sewer Complaints
  - A. Individual
  - B. Business
- VIII. KIA Infrastructure Improvements
- IX. Rural Development Improvements
- X. Financial Report, Elaina Bond
- XI. Manager's Report
- XII. Old Business
  - A. Rate increase approval for June usage
  - B.
- XIII. New Business
  - A. Jessica Daniels CPA
  - B.
  
- XIV. Adjournment

# Manager's report 7/13/21

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## LEAKS

BENNETT JONES RD- MAIN LINE/ REPAIRED SECTION HOT SO NO B.W.A

SPRING HILL RD- SERVICE LINE/ REPLACED SECTION

HWY 62W- SERVICE LINE/ REPLACED SECTION

HWY 1943- MAIN LINE/REPLACED 8" SECTION

FOWLER LN- SERVICE LINE/ REPAIRED

DOGWOOD DR- SERVICE LINE/ REPAIRED

SET 3 NEW WATER SERVICES

FLOW METER INSTALLED ON 7-8-21

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility:

Lyon County Water District

For the Month of:

June

Year:

2021

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED, PURCHASED &amp; DISTRIBUTED</b>	
2	Water Produced	
3	Water Purchased	11,581,102
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>11,581,102</b>
5		
6	<b>WATER SALES</b>	
7	Residential	7,440,900
8	Commercial	936,000
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Other Sales	
13	<b>TOTAL WATER SALES</b>	<b>8,376,900</b>
14		
15	<b>OTHER WATER USED</b>	
16	Utility and/or Water Treatment Plant	
17	Wastewater Plant	
18	System Flushing	341,000
19	Fire Department	
20	Other tank fills	500,000
21	<b>TOTAL OTHER WATER USED</b>	<b>841,000</b>
22		
23	<b>WATER LOSS</b>	
24	Tank Overflows	
25	Line Breaks	
26	Line Leaks	2,363,202
27	Other	
28	<b>TOTAL LINE LOSS</b>	<b>2,363,202</b>
29		
30	Note: Line 13 + Line 21 + Line 28 Must Equal Line 4	
31		
32	<b>WATER LOSS PERCENTAGE</b>	
33	Unaccounted-For Water (Line 28 divided by Line 4)	20.4%

Interval: Jul 5, 2021 18:00:00 to Jul 12, 2021 18:00:00

Site: LCWD MH 001

Level:

Average: 1.344 in

Maximum: 4.392 in Jul 11, 2021 01:05:00

Minimum: -0.226 in Jul 8, 2021 16:55:00

Velocity:

Average: 0.01 ft/s

Maximum: 0.56 ft/s Jul 11, 2021 00:40:00

Minimum: 0.00 ft/s Jul 12, 2021 05:35:00

Flow Rate:

Total : 43693 gal

Average: 8.5 gpm

Maximum: 58.0 gpm Jul 11, 2021 01:05:00

Minimum: 0.0 gpm Jul 8, 2021 21:10:00

For: Lyon County, KY

PSC KY Number: 1

7th Revised Sheet No. 1

Cancelling PSC KY Number: 1

6th Revised Sheet No. 1

Lyon County Water District  
*(Name of Utility)*

<p>5/8" x 3/4" Meter</p> <p>First 2,000 Gallons \$25.76 Minimum Bill (1)</p> <p>Next 3,000 Gallons .01100 Per Gallon</p> <p>Next 5,000 Gallons .00788 Per Gallon</p> <p>Next 10,000 Gallons .00663 Per Gallon</p> <p>Over 20,000 Gallons .00588 Per Gallon</p> <p>1" Meter</p> <p>First 15,000 Gallons \$121.95 Minimum Bill</p> <p>Next 5,000 Gallons .00663 Per Gallon</p> <p>Over 20,000 Gallons .00558 Per Gallon</p> <p>1 1/2" Meter</p> <p>First 25,000 Gallons \$165.75 Minimum Bill</p> <p>Over 25,000 Gallons .00558 Per Gallon</p> <p>2" Meter</p> <p>First 45,000 Gallons \$298.35 Minimum Bill</p> <p>Over 45,000 .00558 Per Gallon</p>	
--	--

DATE OF ISSUE July 1, 2021  
*Month / Day / Year*

DATE EFFECTIVE June 1, 2021  
*Month / Day / Year*

ISSUED BY   
*(Signature of Officer)*

TITLE Board Chairman

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION  
IN CASE NO. 2021-00195 DATED 06-04-21



Lyon County Water District  
Minutes

The Lyon County Water District met in regular session on Tuesday August 10, 2021 at 8AM at the Water District Office.

Board members present:

Charles Murphy  
Chris Sutton  
Don Robertson

Others present:

Billy Asher  
Elaina Bond  
Marvin Wilson

Carmen Cruce  
Willie Iberg

Meeting called to order by Don Robertson. Invocation gave by Charles Murphy.

Visitors: Carmen Cruce with Iron Hill Campground attended the meeting. Mike was not able to attend but in an email suggested that another meeting be set up with Kuttawa because they do not believe our numbers from the flow meter. Don is going to get in touch with Mike and get the meeting set up with Kuttawa.

**Motion to approve the July minutes. Motion by Chris. Seconded by Charles. Motion passed unanimously.**

**Water Issues:**

Willie Iberg of Moon Bay for not getting the mail. The board discussed with him issues with the mail and all of our payment options (autopay and calling in your payment by phone.)

**Sewer Issues:**

None

Mike was not able to attend to give an update but sent an email. See attached.

Elaina gave a report on the July financials.

**Charles motioned to approve the financial report, seconded by Chris. Motion passed unanimously.**

Managers' Report: (See Attached)

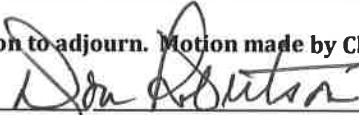
**Motion to approve managers' report. Motion by Chris. Seconded by Charles. Motion passed unanimously.**

Old Business:

New Business: **Chris made a motion to give Billy a 4% raise effective today. Seconded by Charles. Motion passed,**

**Motion to adjourn. Motion made by Charles, second by Chris. Motion passed.**

Sign



**Lyon County Water District Board Meeting  
5464 Hwy. 62 West  
Kuttawa, Ky. 42055**

- I. Call To Order
- II. Pledge of Allegiance
- III. Invocation
- IV. Recognition of Visitors
- V. Approval of Minutes
- VI. Water Complaints
  - A. Individual :
  - B. Business:
- VII. Sewer Complaints
  - A. Individual
  - B. Business
- VIII. KIA Infrastructure Improvements
- IX. Rural Development Improvements
- X. Financial Report, Elaina Bond
- XI. Manager's Report
- XII. Old Business
  - A.
  - B.
- XIII. New Business
  - A.
  - B.
  
- XIV. Adjournment

# MANAGERS REPORT

---

## LEAKS

SMITH RD- SERVICE LINE/ REPLACED SECTION

MOON BAY- SERVICE LINE/ BORED RD AND RAN NEW LINE

62 WEST- SERVICE LINE/ REPLACED SECTION

HWY 1943- MAIN/ REPLACED 20' OF 8" MAIN

SARATOGA HIEGHTS- SERVICE LINE/ REPLACED SECTION

BAYVIEW DR.- SERVICE LINE/ REPLACED SECTION

DILLY COURT- SERVICE LINE/REPLACED SECTION

SET 5 NEW WATER SERVICES

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility: Lyon County Water District

For the Month of: July Year: 2021

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED, PURCHASED &amp; DISTRIBUTED</b>	
2	Water Produced	-
3	Water Purchased	12,218,419
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>12,218,419</b>
5		
6	<b>WATER SALES</b>	
7	Residential	
8	Commercial	1,207,300
9	Industrial	8,008,800
10	Bulk Loading Stations	
11	Wholesale	
12	Other Sales	
13	<b>TOTAL WATER SALES</b>	<b>9,216,100</b>
14		
15	<b>OTHER WATER USED</b>	
16	Utility and/or Water Treatment Plant	-
17	Wastewater Plant	-
18	System Flushing	586,000
19	Fire Department	
20	Other <span style="margin-left: 20px;">tank fills</span>	500,000
21	<b>TOTAL OTHER WATER USED</b>	<b>1,086,000</b>
22		
23	<b>WATER LOSS</b>	
24	Tank Overflows	
25	Line Breaks	
26	Line Leaks	1,916,319
27	Other	
28	<b>TOTAL LINE LOSS</b>	<b>1,916,319</b>
29		
30	Note: Line 13 + Line 21 + Line 28 Must Equal Line 4	
31		
32	<b>WATER LOSS PERCENTAGE</b>	
33	Unaccounted-For Water (Line 28 divided by Line 4)	<b>15.7%</b>

**lyoncowater@gmail.com**

---

**From:** Hansen, Mike <Mike.Hansen@hdrinc.com>  
**Sent:** Monday, August 9, 2021 9:13 AM  
**To:** lyoncowater@gmail.com; donrobertson@bellsouth.net  
**Subject:** Board Meeting Tuesday

Ryan/Donnie:

I unexpectedly was called down to Alabama this weekend and won't be back until late Tuesday night. Sorry for the late notice, but I won't be able to make the meeting tomorrow morning.

Donnie – The biggest thing is I think Sharon Cruce's daughter was going to come to meeting for an update. I don't have her number, because that day, I talked with her on your phone. I don't know if she will still want to come, we might want to call and talk to her and tell her I won't be there. We should have all our information from the flow study, so I will get with Billy and get that data and talk with Chad McCann. Depending on how that goes, another meeting with Kuttawa might be beneficial. I know Iron Hill and the other campground owner is really looking for direction. I did have a sidebar conversation with Jason Goins about the other project and he is hearing that Kuttawa doesn't believe our flow numbers, so we might be in this for the long haul.

Other updates:

Rate Study – I have had several calls with the PSC about our rate case over the past month and we are making good progress. Like I said last month this one will get some attention, but since most of the increase is due to the project, we should be ok.

Tank Project – I talked with Ryan and we have discussed including the scada improvements on the project with the tank. This makes sense. Billy was going to get some quotes for this work and then we can get together on including in our project. I don't believe that will be a problem.

KIA – allowed us another 6 month extension on the project – this is good since we had so many delays with PSC. This gives us additional time to get everything worked out.

I will get with Billy when I get back and discuss the flow information and scada and we will go from there.

Sorry for the late notice – I didn't know I was going to be called to Alabama!

Thanks – Mike

**Mike Hansen, PE**  
*KY/TN/AR Water Business Group Manager*

**HDR**  
120 Brentwood Commons Way, Suite 525  
Brentwood, TN 37027  
D 629.228.7559 M 270.564.3446  
[Mike.Hansen@hdrinc.com](mailto:Mike.Hansen@hdrinc.com)

[hdrinc.com/follow-us](http://hdrinc.com/follow-us)

Minutes

The Lyon County Water District met in special called session on Tuesday August 31, 2021 at 8AM at the Water District Office.

Board members present:

Charles Murphy  
Chris Sutton  
Don Robertson

Others present:

John Michael Herring  
Elaina Bond  
Marvin Wilson

Brandon Shaffer  
Scott Bridges  
Bill

Meeting called to order by Don Robertson.

Don mentioned the purpose of the meeting is to purpose to Lake Barkley about merging management for these two small operations. Don said they would like to do something quickly but if not possible would like to look into the near future.

Bill mentioned that he didn't think a contract would come as quick as Lyon County needed or wanted it to. But that Lake Barkley would not be opposed to work on a contact for the future.

Lake Barkley Commissioners and John Michael Herring, Superintendent is not opposed to help out on the side temporary until Lyon County can find a replacement superintendent. He is going to put together a wage list for the Lyon County Board to review.

**Motion to adjourn. Motion made by Charles, second by Chris. Motion passed.**

Sign \_\_\_\_\_

Minutes

The Lyon County Water District met in regular session on Tuesday September 14, 2021 at 8AM at the Water District Office.

Board members present:

Charles Murphy  
Chris Sutton  
Don Robertson

Others present:

Mike Hansen  
Elaina Bond  
Marvin Wilson

Jeff Fowler  
Chris Johns  
Ryan Martin

Scott Wright

Meeting called to order by Don Robertson. Invocation gave by Charles Murphy.

Visitors: Chris Johns with Thurman Campbell Group is in attendance to discuss the contract that comes up in December. The contract is the same verbiage as the last 5 year contract with a 1% increase each year over the next 5 years. Chris Sutton wants the verbiage added to the contract about the bondage of Thurman Campbell. Chris Johns agreed and will email our the new contract with the new verbiage.

**Motion to approve the August minutes. Motion by Chris. Seconded by Charles. Motion passed unanimously.**

**Water Issues:**

Ryan reported to the board that they had a customer on 93 S ask for his meter to be shut off because he had a leak. A work order was done and the meter was shut off. However, the shut off valve was not working. The customer is still getting a bill. The board is in agreement to charge the minimum bill and the customer fix the leak and they will give him an adjustment.

**Sewer Issues:**

None

Mike gave an update on the flow meters with Kuttawa. See attached flow meter report. This flow meter report shows one area. Mike is going to get the flow reading from Witco & Bend of the Rivers and add to this data to provide Kuttawa. Mike suggest to cut the flow meters off. He feels we have enough data.

Elaina gave a report on the August financials.

**Chriss motioned to approve the financial report, seconded by Charles. Motion passed unanimously.**

Managers' Report: Scott & Ryan reported that there were 6 leaks.

**Per KRS 61810 Sub(1)Sub(f) the board has entered executive session at 8:53 AM for discussion of personnel. Motion made by Chris. Seconded by Charles. Motion passed.**

**Motion to adjourn executive session at 9:25 AM made by Charles. Seconded by Chris. Motion passed.**

**Chris made a motion to hire Mat Blaine starting October 1, 2021 at a rate of \$50,000 per year. Seconded by Charles. Motion passed.**

Old Business:

New Business:

**Motion to adjourn. Motion made by Charles, second by Chris. Motion passed.**

Sign \_\_\_\_\_

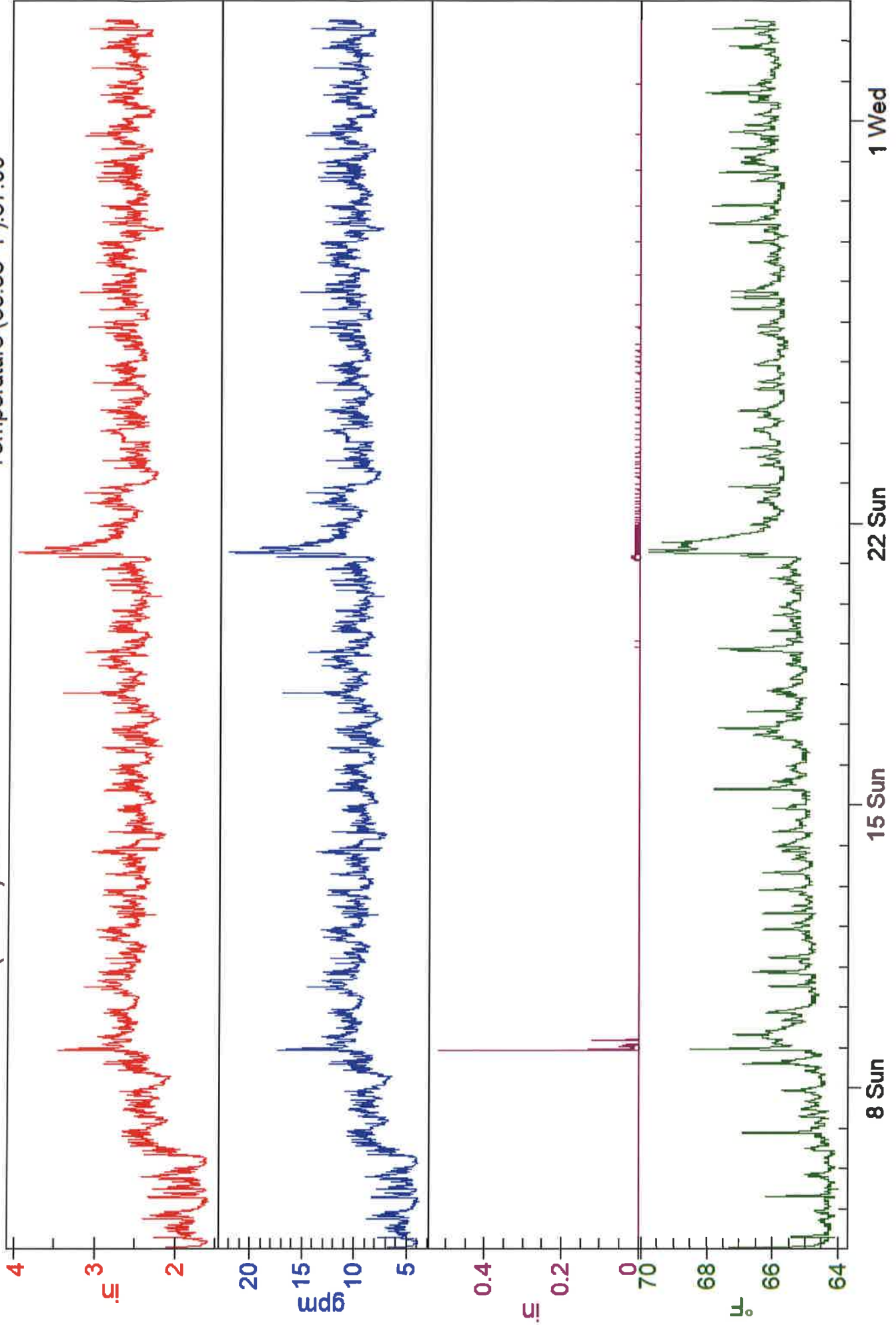
# Flowink 5

Level (2.51 in): 2.16

Flow Rate 2 (421091.50 gal): 7.10

Rainfall (5.01 in): 0.00

Temperature (65.58 °F): 67.00





Site Name	LCWD MH 001
Isco Quantity	Volume
Label	Flow Rate 2
Units	gal
Resolution	1
Significant Digits	0

8/5/2021 0:00	7783
8/6/2021 0:00	7472
8/7/2021 0:00	10014
8/8/2021 0:00	12137
8/9/2021 0:00	12795
8/10/2021 0:00	15362
8/11/2021 0:00	15106
8/12/2021 0:00	14746
8/13/2021 0:00	14007
8/14/2021 0:00	13709
8/15/2021 0:00	13012
8/16/2021 0:00	13564
8/17/2021 0:00	13151
8/18/2021 0:00	13786
8/19/2021 0:00	14949
8/20/2021 0:00	13853
8/21/2021 0:00	13757
8/22/2021 0:00	18228
8/23/2021 0:00	15602
8/24/2021 0:00	13042
8/25/2021 0:00	14870
8/26/2021 0:00	14557
8/27/2021 0:00	14421
8/28/2021 0:00	14846
8/29/2021 0:00	15751
8/30/2021 0:00	14155
8/31/2021 0:00	14719
9/1/2021 0:00	15000
9/2/2021 0:00	14490
9/3/2021 0:00	14405
9/4/2021 0:00	14414

Lyon County Water District  
Minutes

The Lyon County Water District met in regular session on Tuesday October 12, 2021 at 8AM at the Water District Office.

**Board members present:**

Charles Murphy  
Chris Sutton  
Don Robertson

**Others present:**

Mike Hansen  
Elaina Bond  
Marvin Wilson

Meeting called to order by Don Robertson. Invocation gave by Charles Murphy.

Visitors: None

**Motion to approve the September minutes. Motion by Charles. Seconded by Chris. Motion passed unanimously.**

**Water Issues:**

Austin Phelps has an issue with a bill (see attached) he received for property damage. He did not have BUD located before he started digging on a new construction for electrical lines. The board is in agreement he needs to pay the bill.

**Sewer Issues:**

None

Mike gave an update on the flow meters with Kuttawa. See attached email and flow study report. Mike is going to respond to Mr. Mccann's email by providing him with the rain gage info and let them know the district will pull the flow reading for a week.

Elaina gave a report on the September financials.

**Charles motioned to approve the financial report, seconded by Chris. Motion passed unanimously.**

**Chris made a motion to require TCG and the General Manager to bring any extensions to the board for approval. Seconded by Charles. Motion passed.**

Managers' Report: See Attached.

Old Business:

New Business: Addressing the PSC complaint noticed the commissioners received. Marvin informed Mike and Elaina of the documentation and statements that need to be provided. Once all information is gathered Marvin will send to PSC as requested.

**Motion to adjourn. Motion made by Chris, second by Charles. Motion passed.**

Sign \_\_\_\_\_

# Lyon County Water District

---

Board Meeting Agenda, Tuesday, October 12<sup>th</sup>, 2021

- I. Call to Order
- II. Pledge of Allegiance
- III. Opening Invocation
- IV. Recognition of Visitors  
  
Jamie Perry (Ladd Rd)  
  
Austin Phelps, Phelps Electrical (Pleasant Valley Rd)
- V. Reading and approval of minutes
- VI. Complaints
- VII. Current Projects
- VIII. Financial Report, Elaina Bond
- IX. Superintendent's report
- X. Old Business

# Lyon County Water District

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Board Meeting Agenda, Tuesday, October 12<sup>th</sup>, 2021

- XI. New Business
- XII. Adjournment

# Lyon County Water District

---

Board Meeting Agenda, Tuesday, October 12<sup>th</sup>, 2021

## Managers Report

- I Leak Detection
  - a.) Attempting to detect leaks as time and manpower allows
  
- II Flushing
  - a.) Flushing before sampling as time and manpower allows
  
- III Construction
  - a.) Bid for line relocate at 106 Acorn lane for David Ramey (attached)
    - 1.) Will be completed upon availability of manpower and resources
  
- IV Programs and Compliance
  - a.) PSC Compliance issues from previous year addressed at October 12<sup>th</sup> board meeting
  - b.) Running new KRWA programs that aide in PSC Compliance and water loss accountability
  - c.) Previous record keeping will continue to determine available compliance and record keeping for time period before September 1<sup>st</sup>.

# Lyon County Water District

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Board Meeting Agenda, Tuesday, October 12<sup>th</sup>, 2021

## Managers Report (Cont)

### V Employment

a.) Currently reviewing applications and speaking to applicants to determine eligibility and previous performance

### VI Other Issues

a.) Increased difficulty in locating truck through state contract pricing program due to low dealer inventories caused by microchip and other material shortages

1.) Continuing and expanding search

# Board and Management Monthly Water Use Report

Water Utility: Lyon County Water District PWSID: KY0720933  
 For the Month of: August Year: 2021  
 Billing Period: 9/1/2021 to 9/30/2021

1	PRODUCTION COST PER THOUSAND	\$0.00
2	PURCHASE COST PER THOUSAND	\$3.03

	WATER PRODUCED or PURCHASED	GALLONS
3	Water Produced \$0.00	0 0.0%
4	Water Purchased \$26,945.65	8,892,954 100.0%
5	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>8,892,954</b>
6	<b>TOTAL COST</b> \$26,945.65	

	WATER SOLD	
7	Residential	8,227,500
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale (other water systems, special contracts, etc.)	
12	Public Authorities (fire departments, public pools, parks, etc.)	
13	Other Sales (explain)	
14	<b>TOTAL WATER SOLD</b>	<b>8,227,500 92.5%</b>
15	<b>TOTAL WATER NOT SOLD</b>	<b>665,454 7.5%</b>

	BREAKDOWN OF WATER USAGE	
16	Water Treatment Plant	
17	Wastewater Treatment Plant	
18	System Flushing (routine and complaint flushing)	242,500 \$734.78
19	DBP Flushing (forced tank overflows and hydrant flushing)	0
20	Fire Department (documented for firefighting and training)	0
21	Other Usage (explain)	
22	<b>TOTAL USAGE</b>	<b>242,500</b>

	BREAKDOWN OF WATER LOST	
23	Tank Overflows (other than for DBP maintenance)	
24	Main Line Breaks (long term leakage during current month)	22,419 \$67.93
25	Service Line Breaks (repaired during current month)	216,028 \$654.56
26	Line Leaks (calculated line leakage, meter inaccuracies, etc.)	
27	Excavation Damage Loss (short term leakage)	0
28	Theft (documented)	
29	<b>TOTAL DOCUMENTED WATER LOST</b>	<b>238,446</b>
30	<b>COST OF DOCUMENTED WATER LOST</b>	<b>\$722.49</b>

	"UNKNOWN LOSS" FLOW RATE AND COST:	
31	"Unknown Loss"	184,508
32	% "Unknown Loss"	2.1%
33	#NAME? Number of Days in Period	#NAME?
34	"Unknown Loss" per Day (Gallons per Day)	#NAME?
35	"Unknown Loss" per Minute (GPM)	#NAME?
36	"Unknown Loss" Cost for Month	<b>\$559.06</b>

37	<b>WATER LOSS PERCENTAGE FOR PSC RATEMAKING PURPOSES</b>	<b>4.76%</b>
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Lyon County Water District  
P.O. Box 489  
5464 U.S. Hwy 62 West  
Kuttawa, KY 42055  
270-388-0271

Main Water Line Relocation

Date 10/8/2021  
Customer: Dave Ramsey  
Address: 106 Acorn Ln, Eddyville, KY  
Reason: Moving main water line

	Quantity	Cost	Total Cost
Material: Saddle 3/4" x 4	<u>1</u>	<u>\$37.18</u>	<u>\$37.18</u>
Corp Stop	<u>1</u>	<u>\$39.46</u>	<u>\$39.46</u>
4" Hymax Coupling	<u>2</u>	<u>\$199.50</u>	<u>\$399.00</u>
Inserts	<u>2</u>	<u>\$0.60</u>	<u>\$1.20</u>
Tubing	<u>10 ft</u>	<u>\$0.38/ft.</u>	<u>\$3.80</u>
4" PVC Pipe	<u>100 ft</u>	<u>\$4.76/ft</u>	<u>\$476.00</u>

Equipment (hrs):

<u>Backhoe &amp; operator</u>		<u>@\$125.00/hr</u>	<u></u>
<u>Compressor</u>		<u>@\$20.00/hr</u>	<u></u>
<u>Dump Truck</u>		<u>@\$50.00/hr</u>	<u></u>
<u>Mini Excavator &amp; operator</u>	<u>5 hrs</u>	<u>@\$125.00/hr</u>	<u>\$625.00</u>

Labor (hrs)

<u>Two Employees</u>	<u>5 hrs</u>	<u>\$50.84/hr</u>	<u>\$254.20</u>
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Total \$1,835.84



# Lyon County Water District

PO Box 489  
Kuttawa, KY 42055  
270-388-0275

# INVOICE

DATE: September 15, 2021

**Bill To:**

Phelps Electric, LLC  
2188 Sandlick Rd  
Princeton, KY 42445

DESCRIPTION	Quantity	Price Each	AMOUNT
Water line damage on Pleasant Valley Rd			
4" PVC	9 ft	\$3.40	\$30.60
4" Hymax	1	\$185.00	\$185.00
Mini Excavator	6 hrs	\$50.00	\$300.00
Water usage	11,400 gallons		\$110.66
Mileage	72 miles	56 cents	\$40.32
BACT Samples	2	\$19.40	\$38.80
Labor for 2 employees	6 hrs	\$40.85	\$245.10
Labor for 1 employee	8 hrs	\$22.85	\$182.80
		<b>TOTAL</b>	<b>\$ 1,133.28</b>

Payment due within 15 business day

**lyoncowater@gmail.com**

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**From:** Charles Mccann <cmccann@rivercresteng.com>  
**Sent:** Monday, October 11, 2021 5:00 PM  
**To:** Hansen, Mike  
**Cc:** Jason Goins; lyoncowater@gmail.com; rick@owensbororv.com; donrobertson@bellsouth.net; Barbara Campbell; Savannah McLeod (cityhallkuttawa@gmail.com)  
**Subject:** RE: Lyon County Water District Flow Analysis  
**Attachments:** 10-05-21 Lyon County Flow Study.pdf

Mike,

Thank you for the email and information. Based on the information supplied, it does appear that adequate capacities may very well exist for the acceptance of the new RV park. However, for discussion purposes and consideration, we do have a couple follow up questions:

- 1) Can you provide rain gauge information for the flow monitoring period so that we can correlate the measured flows to experienced wet weather periods? One of the primary drivers of the requested data was to assess the levels of infiltration/inflow coming from the Suwanee and Bend of the Rivers areas.
- 2) You mentioned in your letter that LCWD does not log daily flow totals. During our previous meeting/correspondence, the City requested that these flows be monitored daily to compare with the daily flow meter data. Can this information be extracted from the District's flow meters? Given the seasonal (weekend) nature of these areas, we would anticipate that flows are several orders of magnitude higher on weekends as opposed to Monday-Thursday, which does weigh into this evaluation.

Thank you.

**Charles (Chad) D. McCann II, P.E.**  
*Project Manager*  
**RIVERCREST ENGINEERING, INC.**  
7020 U.S. Hwy 68 W.  
Paducah, KY 42003  
(618) 521-5421 (m)

**From:** Hansen, Mike <Mike.Hansen@hdrinc.com>  
**Sent:** Thursday, October 7, 2021 5:33 AM  
**To:** Charles Mccann <cmccann@rivercresteng.com>  
**Cc:** Jason Goins <jgoins@siteworxdesign.com>; lyoncowater@gmail.com; rick@owensbororv.com; donrobertson@bellsouth.net  
**Subject:** Lyon County Water District Flow Analysis

Hello Chad,

I hope things are well. As you know, LCWD monitored sewer flows for about a month in August – early September. I have looked at the data and compiled this letter for your review.

If you don't mind, could you please review the letter and offer suggestions on what the next steps could be?

Thanks,

Mike

**Mike Hansen, PE**

*KY/TN/AR Water Business Group Manager*

**HDR**

120 Brentwood Commons Way, Suite 525

Brentwood, TN 37027

D 629.228.7559 M 270.564.3446

[Mike.Hansen@hdrinc.com](mailto:Mike.Hansen@hdrinc.com)

[hdrinc.com/follow-us](http://hdrinc.com/follow-us)



October 6, 2021

Mr. Charles (Chad) D. McCann II, PE  
Project Manager  
Rivercrest Engineering, Inc.  
7020 US Hwy 68 West  
Paducah, KY 42003

**RE: Lyon County Water District – Sewer Flow Study**

Dear Mr. McCann,

As we have been discussing over the past several months, Lyon County Water District (LCWD) performed flow monitoring of their sanitary sewer system to determine flow rates from their system to the City of Kuttawa's system. As you are aware, the LCWD and City of Kuttawa have an agreement (attached as reference), for a maximum allowable average daily flow of 100,000 gallons per day. The purpose of the study had the following objectives:

- Determine the current average daily flow from the LCWD system to the City of Kuttawa.
- Determine the availability for two new connections to the Lyon County System. These two new connections are the new Kuttawa RV Park located along Kentucky Highway 810 and Buzzard Rock Road and the Iron Hill Campground.

LCWD utilized the services of Gripp, Inc. to perform the flow study which included a temporary flow meter/rain gauge system and additional materials. The flow meter was installed in the last manhole in the system on the south side of US 62 prior to the flow entering the pump station. A sketch of the location is attached for reference.

Flow data was collected from the meter from August 4<sup>th</sup> to September 13<sup>th</sup>. The hydrographs and tabulated numbers are attached for reference. The results indicated that during this period the highest amount of volume at the manhole was approximately 18,228 gallons on August 22, 2021. The average daily flow from this timeframe was approximately 14,071 gallons.

There are two other areas where flow enters the Kuttawa system from the Lyon County System. They are the Bend of the Rivers Pump Station and the Whitco Pump Station. Although LCWD does not read the flows daily, we were provided and attached for reference, flow readings from these two stations during the relatively same timeframe. From the time of August 1<sup>st</sup> to September 15<sup>th</sup>, Bend of Rivers had approximately 336,200 gallons of flow and Whitco had 16,000 gallons of flow.

This equates to an average daily flow between the two stations of approximately 7827 gallons per day.

Looking at these numbers, the approximate daily flow from the LCWD (assuming the highest day), is around 26,055 gallons per day, well below the allowable 100,000 gallons per day per the contract.

In reviewing the sanitary sewer permit application provided by Siteworx Survey and Design for the new RV park, the anticipated average daily flow for full buildout of the facility is 16,375. For the Iron Hill Development, we are estimating approximately 100 customers or around 24,000 gallons per day using a very conservative number. These flows when combined with current numbers would still only equate to around 66% of the allowable daily flow per the agreement.

Both developments are anxious to get moving and hope this information provides enough comfort level to the City of Kuttawa to allow the connections and move forward with both projects.

After you have taken time to review the data, please don't hesitate to contact me with any questions via email at [mike.hansen@hdrinc.com](mailto:mike.hansen@hdrinc.com) or via my mobile at 270-564-3446.

Sincerely,  
HDR Engineering, Inc.



Michael A. Hansen, P.E.  
*Water Business Group Manager*

## WASTEWATER TREATMENT CONTRACT

**THIS CONTRACT** for the transportation and treatment of wastewater is entered into as of the 1<sup>st</sup> day of OCTOBER, 2008, between the City of Kuttawa, P. O. Box 400, Kuttawa, KY 42055, hereinafter referred to as "City" and the Lyon County Sewer District, 5464 US Highway 62 West, Kuttawa, KY 42055, hereinafter referred to as "District".

### **WITNESSETH:**

**WHEREAS**, District is organized and established in accordance with Kentucky law for the purpose of constructing and operating a wastewater collection system serving users within the area described in plans now on file in the office of the District and to accomplish this purpose, the District will require wastewater transportation and treatment, and

**WHEREAS**, the City owns and operates a wastewater collection, transportation and treatment system with a capacity currently capable of serving the present customers of the City's system and the estimated number of users to be served by the District as shown in the plans of the system now on file in the office of the District, and

**WHEREAS**, by Resolution enacted on the 10<sup>th</sup> day of Sept., 2008 by the City, the transportation and treatment of wastewater for the District in accordance with the provisions of the said Resolution was approved, and the execution of this contract carrying out said Resolution by the City, and attested by the secretary, was duly authorized, and

**WHEREAS**, by Resolution, the District enacted on the 18<sup>th</sup> day of Sept., of 2008, the desire to discharge wastewater to City for transportation and treatment in accordance with the terms set forth in said Resolution, and the execution of this contract by the District and attestation by the Secretary was duly authorized,

**NOW, THEREFORE**, in consideration of the foregoing and the mutual agreements hereinafter set forth, the parties hereto agree as follows:

### Charges for Wastewater Transportation and Treatment

1. (User Charges) The City shall charge the District for transporting and treatment a base charge for the first ONE THOUSAND (1,000) gallons of usage and then a flat charge per each additional ONE THOUSAND (1,000) gallons of sewage that the District discharges to the City system, The District shall be treated the same as all other customers in the city and shall pay the same rates as established by City Ordinances. A copy of the current rates are attached hereto as Exhibit A.

2. (Basis of Billing) Billing shall be based on the sum of 100% of the water meter readings for all District customers connected to the City system. Each month the District shall provide the City a copy of the water meter readings for all customers connected to the City system. The City Clerk will total the readings and produce a monthly bill, readings, bills and payments are further and specifically addressed in subsequent provisions below.

3. (Adjustments for Leaks) The City shall adjust the bill to the District if the District has customers that have had a leak and the leak was outside the house and did not discharge to the sewer system. If the leak was inside the home and discharges to the sewer system the bill shall not be adjusted. The District shall notify the City of adjustment or adjustments to be made at the time meter readings are provided.

4. (Adjustments to User Charges) The City adjusts sewer rates each year in January to reflect the increase in cost of providing service. The City will adjust the rates of the District each January.

5. (Pool Language) The City shall adjust the bill to the District if the District has customers that have swimming pools that are filled with potable water. Adjustments shall be limited to one time each calendar year and shall be for customers with pools having a volume of 5,000 gallons and larger. The District shall provide the dimensions of each pool at the time an adjustment is requested.

#### Length of Contract

1. (Initial Term of Contract) This contract shall run from the date of execution for five (5) years.

2. (Contract Renewal) This contract shall automatically renew for successive five (5) year periods at the conclusion of each five (5) year term. Subject to further provisions of this.

3. (Contract Termination) Either party may terminate this contract with not less than a four (4) year notice of the termination. If the District initiates contract termination after the City has expanded facilities for the benefit of the District, and in response to the District's request has financed the cost for the expansion, and has included the debt service in the rates charged to the District, the District will be responsible for the debt until it has been retired.

#### Allowable Flows to the Kuttawa Wastewater System

1. (Maximum Allowable Flow from District) The Kuttawa Wastewater Treatment Plant is rated to treat an average daily flow of 375,000 gallons per day. The maximum allowable average daily flow from the District shall be 100,000 gallons per day under this contract. The District shall have the option to negotiate with the City for

additional capacity with written notice. If the request for additional capacity requires the City to expand the collection or treatment system, the City and District shall negotiate and determine which party shall be responsible for the cost of the required improvements.

2. (Inflow and Infiltration-*I/I*) If the collection system tributary to the District is or becomes subject to excess inflow or infiltration (defined as total flow (less any industrial flow) of 120 gallons per capita per day for infiltration and a wet weather flow (less any industrial flow) of 275 gallons per capita per day for inflow) the City shall have the right to request that the District install flow meters to quantify the amount of inflow and infiltration. The District shall then prepare a plan and implement the plan to reduce inflow and infiltration within 24 months of it being identified. If the District fails to reduce *I/I* to acceptable levels (being the levels stated above), the City shall have the right to change the method of billing from water meter readings to the metered amount of flow discharged to the City system.

#### Connections to City of Kuttawa Wastewater System

1. (Tap Fees) The District agrees to pay the City one half of the standard tap fee (as determined by City Ordinance) for each connection the District makes to a force main in the City system and the cost of all materials and labor required to make the tap. The District agrees to pay the City the full standard tap fee (as determined by City Ordinance) for each connection the District makes to a gravity line or pump station in the City system and the cost of all materials and labor required to make the tap. The District may, in lieu of paying for materials and labor, install the tap with District forces or through a contractor. (The District does not have to pay the City a tap fee for connections the District makes to its own system.) The standard tap fee at the time this contract is executed is \$400.00.

2. (Approved Tapping Methods) All taps to City force mains shall include an appropriate brass tapping saddle and corporation stop. All taps to City gravity lines shall include an appropriate rubber or neoprene tapping saddle. Connections to manholes shall be by core drilling with an appropriate flexible seal. No taps made with a hammer or jackhammer will be allowed.

3. (Notice to City) No tap by the District to the City system may be made until the City has been notified and the appropriate tap fee has been paid.

4. (Maintenance of Taps) The District shall be responsible for the service line from the tap to the customer's connection point. The City is responsible and will maintain all City force mains and City Gravity lines.

#### CITY RESPONSIBILITIES

1. (Transport Wastewater) The City agrees to transport wastewater (that has been collected by the District and discharged to the City) to the City Wastewater Treatment Plant.



2. (Treat Wastewater) The City agrees to provide treatment for all wastewater discharged to the City system by the District.

3. (Maintain City System) The City agrees to maintain all gravity sewers, pump stations, force mains and treatment facilities owned by the City.

4. (Insurance) The City agrees to maintain adequate and appropriate insurance on its system to protect against disasters and liability.

5. (Hold Harmless) The City agrees to indemnify and hold harmless the District against loss arising out of City's ownership and operation of its system.

#### DISTRICT RESPONSIBILITIES

1. (Maintain District System) The District agrees to maintain all gravity sewers, pump stations and force mains owned by the District.

2. (Insurance) The District agrees to maintain adequate and appropriate insurance on its system to protect against disasters and liability.

3. (Hold Harmless) The District agrees to indemnify and hold harmless the City against loss arising out of District's ownership and operation of its system.

4. (Pay for Service) The District shall transmit readings to City upon receipt and complication by the District. The City shall invoice the District within Thirty (30) days of receipt of the readings. Payment from District is due to City within Fifteen (15) days of receipt of the invoice.

5. (Permit Violations) The District is prohibited from discharging anything to the City system that will result in a system overflow or permit violation at the wastewater treatment plant. In the event that a permit violation occurs due to the actions of the District, the District will be held responsible for all costs associated with the violation.

#### PROHIBITED/RESTRICTED DISCHARGES

1. (Wastewater Covered Under Categorical Industrial Wastewater Standards) The District shall prohibit the discharge to the sewer system any wastewater covered under an Industrial Categorical Standard without prior written approval from the City. If the City agrees to the discharge, the District will be responsible for all costs associated with developing a pretreatment program, as well as all costs associated with sampling and testing.

2. (Other Industrial Wastewater) The District shall prohibit the discharge to the sewer system any industrial wastewater that will require the City to implement a

pretreatment program without prior written approval. If the City agrees to implement a pretreatment program, the District will be responsible for all costs associated with development of the program, as well as all costs associated with sampling and testing.

3. (Surface and Groundwater) The District shall prohibit the discharge to the sewer system any surface or groundwater from sources such as, but not limited to, roof drains, downspouts, basement drains, area drains, foundation drains and catch basins.

4. (Grease) The District shall prohibit the discharge to the sewer system, grease from food preparation establishments. All restaurants and other establishments that have a commercial kitchen shall have a grease trap. The District shall require written evidence that grease traps are serviced on a schedule adequate to prevent the discharge of grease.

5. (Other Substances) The District shall prohibit the discharge to the sewer system any substance that will impair normal operation of the City collection or treatment system or possibly injure operations staff if they come in contact with the prohibited substances. Prohibited discharges include, but are not limited to, high temperature wastewater, high or low pH wastewater, pesticides, herbicides, diesel fuel, gasoline and paint thinner.

6. (Un-metered Flow) The District shall prohibit the discharge to the sewer system any flow from a source other than water that has been provided by the Lyon County Water District without first making provisions to meter the flow. Since the method of billing is based on the amount of water that passes through each customer's water meter, customers with wells, cisterns or sources of water other than the Lyon County Water District may not be connected to the sewer system without an approved metering device.

#### FURTHER MUTUAL AGREEMENTS

1. (Failure to Perform) Each party hereto will, at all times, operate and maintain its system in efficient and compliant manner. Temporary or partial failures shall be remedied with all possible dispatch. In the event of an extended outage, the availability of wastewater treatment shall not be reduced or diminished to the District's customers in a greater ration or proportion or amount than the City's customers.

2. (Modification) This contract may be modified only by written agreement executed by the City and District.

3. (Regulatory Agencies) This contract is subject to all applicable state and federal rules and regulations dealing with wastewater treatment systems.

4. (Ambiguities) Ambiguities shall not be construed against any party solely based on the employment of the draftsman.

5. (Receipt of Copy) Receipt of a copy of this document is acknowledged upon execution.

6. (Governing Law) This contract shall be governed by the laws of the Commonwealth of Kentucky

7. (Entire Agreement) This document contains the entire agreement as between the parties hereto and shall not be changed, amended or modified except in a subsequent writing signed by the parties hereto.

**CITY:**

**CITY OF KUTTAWA, KENTUCKY**

By: Lee A. McCollum  
Lee McCollum, Mayor

**ATTEST:**

Steve Long  
Steve Long, Kuttawa City Clerk

**DISTRICT:**

**LYON COUNTY SEWER DISTRICT**

By: Don Robertson  
Don Robertson, Chairman

**ATTEST:**

Chris Sutton  
Chris Sutton, Secretary  
Lyon County Water District

COMMONWEALTH OF KENTUCKY  
COUNTY OF Lyon

The foregoing instrument was acknowledged, subscribed and sworn to before me by Lee McCollum, Mayor, for and on behalf of CITY OF KUTTAWA, this the 22<sup>nd</sup> day of September, 2008.

My Commission expires: May 16, 2012.

Crystal A. Watson  
Notary Public



COMMONWEALTH OF KENTUCKY  
COUNTY OF Lyon

The foregoing instrument was acknowledged, subscribed and sworn to before me by Steve Long, Kuttawa City Clerk, for and on behalf of CITY OF KUTTAWA, this the 14<sup>th</sup> day of October, 2008.

My Commission expires: May 16, 2012.

Crystal A. Watson  
Notary Public



COMMONWEALTH OF KENTUCKY  
COUNTY OF Lyon

The foregoing instrument was acknowledged, subscribed and sworn to before me by Don Robertson, Chairman, for and on behalf of LYON COUNTY SEWER DISTRICT, this the 19<sup>th</sup> day of September, 2008.

My Commission expires: May 16, 2012.

Crystal A. Watson  
Notary Public



COMMONWEALTH OF KENTUCKY  
COUNTY OF Lyon

The foregoing instrument was acknowledged, subscribed and sworn to before me by Chris Sutton, Secretary, for and on behalf of LYON COUNTY SEWER DISTRICT, this the 11<sup>th</sup> day of November, 2008.

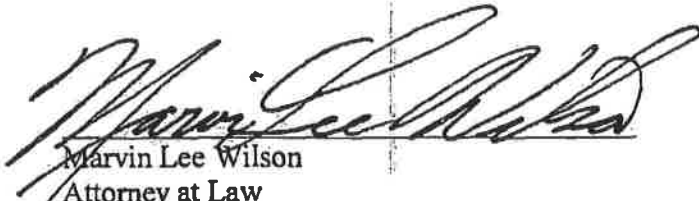
My Commission expires: September 5, 2012.

Sandra L. Karushas  
Notary Public



**THIS INSTRUMENT PREPARED BY:**

**WILSON LAW FIRM, PLLC**

A handwritten signature in cursive script, appearing to read "Marvin Lee Wilson", written over a horizontal line.

**Marvin Lee Wilson**

**Attorney at Law**

**635 Trade Avenue**

**P. O. Box 460**

**Eddyville, KY 42038**

**(270) 388-9951**

Gripp, Inc. Flow Stud  
Suwannee at the US 62



Wastewater Treatment Plants

KISOP Points

Proposed Wastewater Improvements

Lift Stations



Site Name	LCWD MH 001
Isco Quantity	Volume
Label	Flow Rate 2
Units	gal
Resolution	1
Significant Digits	0

8/4/2021 0:00	9802
8/5/2021 0:00	7783
8/6/2021 0:00	7472
8/7/2021 0:00	10014
8/8/2021 0:00	12137
8/9/2021 0:00	12795
8/10/2021 0:00	15362
8/11/2021 0:00	15106
8/12/2021 0:00	14746
8/13/2021 0:00	14007
8/14/2021 0:00	13709
8/15/2021 0:00	13012
8/16/2021 0:00	13564
8/17/2021 0:00	13151
8/18/2021 0:00	13786
8/19/2021 0:00	14949
8/20/2021 0:00	13803
8/21/2021 0:00	13757
8/22/2021 0:00	18228
8/23/2021 0:00	15602
8/24/2021 0:00	13042
8/25/2021 0:00	14870
8/26/2021 0:00	14557
8/27/2021 0:00	14421
8/28/2021 0:00	14846
8/29/2021 0:00	15751
8/30/2021 0:00	14155
8/31/2021 0:00	14719
9/1/2021 0:00	15000
9/2/2021 0:00	14490
9/3/2021 0:00	14405
9/4/2021 0:00	15011
9/5/2021 0:00	14298
9/6/2021 0:00	15325
9/7/2021 0:00	15208
9/8/2021 0:00	17216
9/9/2021 0:00	14554
9/10/2021 0:00	15206
9/11/2021 0:00	15174
9/12/2021 0:00	16874
9/13/2021 0:00	15007

Average Flow Rate 2 14071 gal  
Total 576906 gal

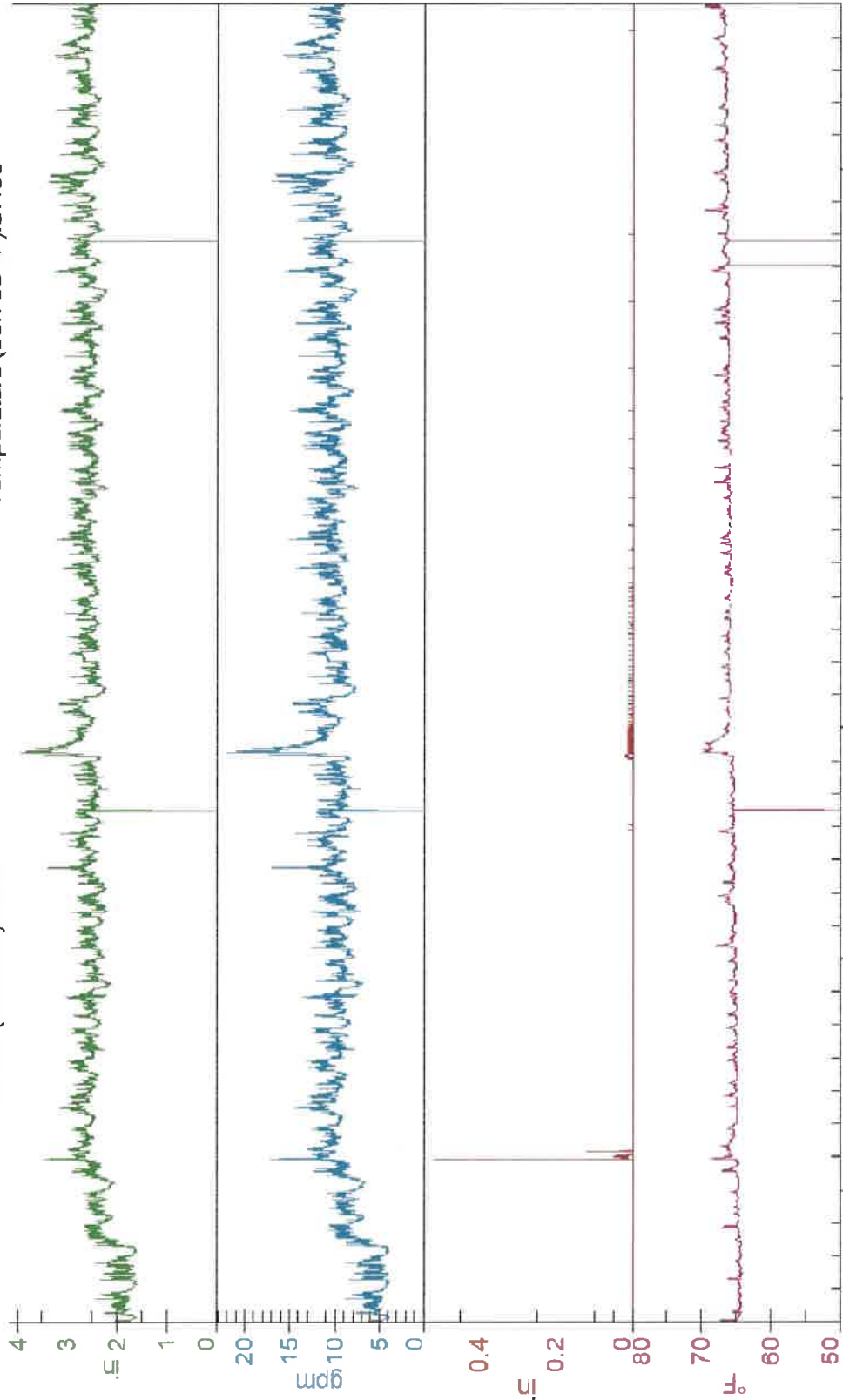
I.C.WD MH 001  
Flowlink 5

Level (2.543 in):2.16

Flow Rate 2 (0.567 mgal):7.10

Rainfall (5.040 in):0.00

Temperature (65.799 °F):67.00



Aug 2021

8 Sun

15 Sun

22 Sun

1 Wed

8 Wed



## Lyon Co Water District Reading History Report

<b>Service Type</b>	SW SEWER	<b>Starting Date</b>	08/01/2021
<b>Cycle</b>	All Cycles	<b>Ending Date</b>	09/15/2021
<b>Starting Account</b>	0001-00212-001	<b>Sort Order</b>	Account
<b>Ending Account</b>	0001-00212-001	<b>Page Break on Account Group</b>	<input type="checkbox"/>
<b>Print on wide carriage</b>	No	<b>Use Reading Factor</b>	Yes
<b>Date Selection For Report</b>	Reading	<b>Account Group Range</b>	All Groups

Reading Date	Service	Rate	Meter Number	Previous Reading	Present Reading	Usage	Reading Type	Deduct Usage	Demand Usage	Change Out
<b>0001-00212-001 01 Bend of Rivers, Lift Station</b>				<b>328 Champion Hills Rd Kuttawa, KY 42055</b>						
08/16/2021 08:48 AM	SEWER	02		17,427,700	17,678,500	250,800	Read	0	0	<input type="checkbox"/>
09/06/2021 01:49 PM	SEWER	02		17,678,500	17,763,900	85,400	Read	0	0	<input type="checkbox"/>
1 Customers in Route 0001				336,200 Route Usage						
1 Customers on Report				336,200 Total Usage						

## Lyon Co Water District Reading History Report

<b>Service Type</b>	SW SEWER	<b>Starting Date</b>	08/01/2021
<b>Cycle</b>	All Cycles	<b>Ending Date</b>	09/15/2021
<b>Starting Account</b>	0001-02234-001	<b>Sort Order</b>	Account
<b>Ending Account</b>	0001-02234-001	<b>Page Break on Account Group</b>	<input type="checkbox"/>
<b>Print on wide carriage</b>	No	<b>Use Reading Factor</b>	Yes
<b>Date Selection For Report</b>	Reading	<b>Account Group Range</b>	All Groups

Reading Date	Service	Rate	Meter Number	Previous Reading	Present Reading	Usage	Reading Type	Deduct Usage	Demand Usage	Change Out
<b>0001-02234-001 01 RV Park (Sewer), Whitco</b>				<b>228 Chestnut Oak Rd Kuttawa, KY 42055</b>						
08/16/2021 08:53 AM	SEWER	02		229,600	242,500	12,900	Read	0	0	<input type="checkbox"/>
09/06/2021 01:50 PM	SEWER	02		242,500	245,600	3,100	Read	0	0	<input type="checkbox"/>
1 Customers in Route 0001				16,000 Route Usage						
1 Customers on Report				16,000 Total Usage						



Lyon County Water District  
Minutes

The Lyon County Water District met in regular session on Tuesday November 9, 2021 at 8AM at the Water District Office.

Board members present:	Others present:	
Charles Murphy	Mike Hansen	Mat Blane
Chris Sutton	Elaina Bond	
Don Robertson	Marvin Wilson	

Meeting called to order by Don Robertson. Invocation gave by Charles Murphy.

Visitors: None

**Motion to approve the October minutes. Motion by Charles. Seconded by Chris. Motion passed unanimously.**

**Water Issues:**

None

**Sewer Issues:**

None

Mike & Mat have been working on a list of projects that needs to be completed. Mike is working on a project profile to submit.

Mike also gave a report on the flow meter testing with Kuttawa. October 13-20 the flow meter was read daily. Mike looked at the flow in several different prospective ways. He concluded with the same data on all readings. Mike responded to Kuttawa with this information for them to process the data to make a decision. Lyon County Water District Commission wants to sign off on a ready to move forward with the construction of the meter sets.

**Chris made a motion to authorize 810 S RV Park to move forward with construction of new meter set. A letter will be signed and sent to the owner, Rick Nehls. Seconded by Charles. Motion Passed.**

Elaina gave a report on the October financials.

**Chris motioned to approve the financial report, seconded by Charles. Motion passed unanimously.**

Elaina presented the 2022 preliminary budget. **Chris made a motion to approve the 2022 preliminary budget. Seconded by Charles. Motion passed.**

**Chris made a motion to sign the 5 year contract with TCG (see attached). Seconded by Charles. Motion passed.**

Managers' Report: See Attached.

Old Business:

New Business

**Motion to adjourn. Motion made by Charles, second by Chris. Motion passed.**

Sign \_\_\_\_\_

# Lyon County Water District

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Board Meeting Agenda, Tuesday November 9<sup>th</sup>, 2021

- I. Call to Order
- II. Pledge of Allegiance
- III. Opening Invocation
- IV. Recognition of Visitors
- V. Reading and approval of minutes
- VI. Complaints
- VII. Current Projects
- VIII. Financial Report, Elaina Bond
- IX. Superintendent's report
- X. Old Business
- XI. New Business
- XII. Adjournment

Lyon County Water District  
Statement of Revenues and Expenses-Budget 2022

**2022 Budget**

**SALES**

Reconnect Charges	
Miscellaneous Charges	600.00
Non-Utility Income	250.00
Residential Water Sales	1,375,000.00
Commercial Water Sales	90,000.00
Flat Rate Revenues - Gen Residential	15,000.00
Flat Rate Revenues - Gen Commercial	20,000.00
Less: Returns & Allowances	-
<b>Total Sales</b>	<u>1,500,850.00</u>
<b>Gross Profit</b>	<u>1,500,850.00</u>

**OPERATING EXPENSES**

Salaries	165,000.00
Employee Dental Insurance	1,200.00
Employee Health Insurance	31,500.00
Employee Pension Expense	45,000.00
Depreciation	320,000.00
Sales Tax	-
Local School Tax	-
Payroll Tax Expense	15,500.00
PSC Assessment	2,500.00
Interest Expense	115,000.00
Purchased Water	425,000.00
Utilities & Phone	25,000.00
Materials & Supplies	110,000.00
Office Supplies	15,000.00
Replacement to Lines	15,500.00
Contract Services	5,000.00
Contract Labor	7,000.00
Professional Fees - Legal	12,500.00
Professional Fees - Accounting	85,000.00
Loan Cost Expense	-
Insurance & Bonds	25,000.00
Miscellaneous	45,000.00
Depreciation	22,000.00
Miscellaneous Supplies & Expense	19,000.00
<b>Total Operating Expenses</b>	<u>1,506,700.00</u>

<b>Operating Income (Loss)</b>	<u>(5,850.00)</u>
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**OTHER INCOME**

Intrest Earned	3,500.00
Proceeds From Contributed Capital	6,000.00
Proceeds From Grant Revenue	-
Gain on Sale of Assets	-
<b>Total Other Income (Loss)</b>	<u>9,500.00</u>
<b>Net Income (Loss)</b>	<u>3,650.00</u>

See Accountant's Compilation Report

## **CONSULTING AGREEMENT**

**THIS AGREEMENT** is made, as of this date November 9, 2021.

### **BETWEEN:**

**LYON COUNTY WATER DISTRICT**

(hereinafter referred to as "LCWD")

### **AND:**

**THURMAN CAMPBELL GROUP, PLC**

(hereinafter referred to as the "Consultant")

### **1. ENGAGEMENT**

LCWD hereby retains the Consultant and the Consultant hereby agrees to provide LCWD with accounting services and office staffing as set forth in Appendix 1, for a term of five years, commencing on January 1, 2022, in accordance with terms and conditions of this Agreement.

### **2. CONSULTING FEE**

LCWD shall pay to the Consultant a monthly fee of \$6,635 for 2022. The monthly fee shall increase on January 1<sup>st</sup> of each year by 1.5% to cover the cost of living and inflation expenses of the Consultant.

### **3. TERMINATION FOR CONVENIENCE**

Either party may terminate this Agreement at any time for any reason and for no reason with six months prior written notice to the other party.

### **4. CONFIDENTIAL INFORMATION**

The Consultant acknowledges and agrees that it shall not, during the term of this Agreement, or at any time thereafter, directly or indirectly, disclose or grant access to LCWD's confidential information to any third party, nor shall it use or exploit such information for any purpose other than those of LCWD.

## **5. STATUS OF PARTIES**


The Consultant's relationship with LCWD shall be that of an independent contractor and not that of an employee or agent. The Consultant shall be solely responsible for payroll taxes, retirement funding, worker compensation and health insurance of any staff assigned to this engagement.

## **6. EMPLOYEE THEFT POLICY**

Consultant shall carry an Employee Theft Policy that would pay up to \$100,000 in any occurrence for loss of or damage to money, securities or other property resulting directly from theft committed by an employee of the Consultant, whether identified or not, acting alone or in collusion with other persons.

## **7. ENTIRE AGREEMENT**

The within Agreement shall be construed in accordance with the State of Kentucky law and shall constitute the entire Agreement between the parties.

  
\_\_\_\_\_  
Lyon County Water District

  
\_\_\_\_\_  
Thurman Campbell Group, PLC



## APPENDIX 1

- Consultant shall provide, at a minimum, one staff member during normal business hours of the LCWD for general office coverage. Any time incurred by the staff member outside of normal business hours shall be billed to LCWD at 1.5 times their normal billing rate.
- Consultant shall perform all accounting duties required by LCWD.
- Consultant shall train multiple staff members in all accounting functions and other duties to ensure proper backups are in place for in the event of any staff turnover and for vacation and sick days.
- Consultant shall provide at minimum a senior accountant to be present at Board of Commissions meetings.
- Consultant shall take and maintain the minutes of the meetings of the Board of Commissions.
- Consultant shall prepare the following reports which will be billed based on our standard hourly billing rates:
  - Public Service Commission: Annual Report is due March 31<sup>st</sup>. The December 31<sup>st</sup> Annual Audit must be submitted with this report along with statistical data compiled by the LCWD general manager. Consultant will have accounting books ready for the audit no later than January 31<sup>st</sup>. Consultant will work to ensure LCWD general manager has completed statistical data by February 28<sup>th</sup>. Consultant shall update Board on auditor progress at the March Board meeting and make Board aware if LCWD general manager has not completed the statistical data. Any extensions filed must be approved by the Board.
  - Department of Local Governments/Special Purpose Government Entities: Budget Reports for the current year are due January 15<sup>th</sup>. Budget Amendments for the current year are due December 31<sup>st</sup>. Year-End (actual) Reports are due March 1<sup>st</sup> of the following year.
  - United States Department of Agriculture: Budget Reports are due December 1<sup>st</sup> for the following year.

# Lyon County Water District

Board Meeting Agenda, Tuesday, November 9th, 2021

---

## Managers Report

- I Leak Detection
  - a.) Attempting to detect leaks as time and manpower allows
  - b.) Monitoring master meters daily to detect unusual usage
  
- II Flushing
  - a.) Flushing before sampling as time and manpower allows
  
- III Construction
  - a.) Project list for grant needing Water Council approval
  - b.) Installation of 4" swing check at Pleasant Valley
  - c.) Possibility of future storage at Pleasant Valley
  
- IV Programs and Compliance
  - a.) EMOR submitted ahead of schedule
  - b.) Quarterly Meter Report due in December
  - c.) Doubling up on Chlorine samples to exceed requirements

# Lyon County Water District

Board Meeting Agenda, Tuesday, November 9th, 2021

---

## Managers Report (Cont

### V Employment

- a.) Currently reviewing applications and speaking to applicants to determine eligibility and previous performance
- b.) Possibility of increasing starting hours to attract more applicants

### VI Other Issues

- a.) Attached truck bids for all around capable pickup
  - 1.) Chevrolet 2500HD
  - 2.) Ford F250 SD
- b.) Meter tap fee increase due to rising material costs

# Lyon County Water District

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## New Line and Line Extensions

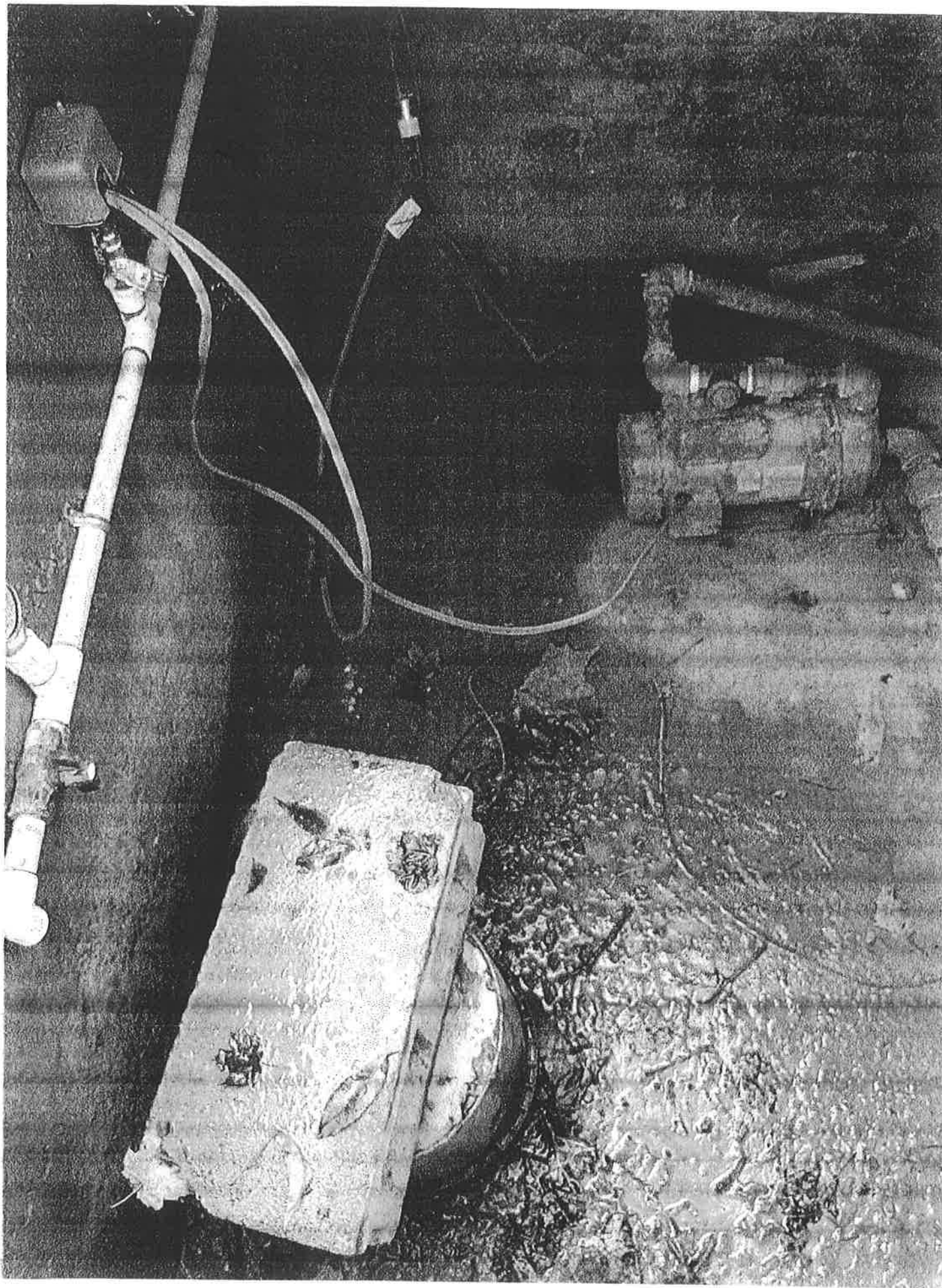
- **East Devillez Road**  
Single  $\frac{3}{4}$ " service line supplying 4 houses  
Need approximately 350' of line installed  
Can be done "in house"
- **Bluegrass Heights**  
Line needs extended 300' to accommodate new road bore meter set
- **Arrowhead**  
Meter set 220' past EOL  
Two meters already past EOL
- **Skyline Drive**  
Existing line comes in behind skyline from unknown location  
No valve locations currently known
- **Raney Road**  
Single  $\frac{3}{4}$ " service line supplying multiple houses  
New tap planned  
Will push service line past its maximum capacity  
1,500'-2000'
- **Gray Farm**  
Service lines are extending past EOL approximately 220'
- **Defew Road**  
Ran in  $\frac{3}{4}$ " or 1" PVC  
No hydrant or flushing device on line.
- **Clifford Road**  
 $\frac{3}{4}$ " service supplying 4" PVC to  $\frac{3}{4}$ " supplying 2" PVC
- **Mill Pond**  
Two  $\frac{3}{4}$ " services approximately 300" past EOL

# Lyon County Water District

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## New Line and Line Extensions

- Wynn Road  
¾" service line running 3-400' down the side of the road.
- Suwanee Hill  
¾" service lines extending approximately 300' up road.
- Fowler Road  
Needs extended approximately 500' to Highway 62  
Will create a loop
- Champion Hills  
Finish loop past current EOL  
Approximately 2000'  
Will be able to keep rest of loop in water during leak
- Valley road  
Short extension (60-100') with flush hydrant on hill



Mailed 9/21/21 for Account # 3000-4218-0137



a PPL company

**BILLING SUMMARY**

Previous Balance	74.20
Payment(s) Received	-74.20
<b>Balance as of 9/20/21</b>	<b>\$0.00</b>
Current Electric Charges	72.90
Current Taxes and Fees	6.70
<b>Total Current Charges as of 9/20/21</b>	<b>\$79.60</b>
<b>Total Amount Due</b>	<b>\$79.60</b>

This bill includes an estimated meter reading.

MAB  
10/7/21

AMOUNT DUE  
**\$79.60**

DUE DATE  
**10/14/21**

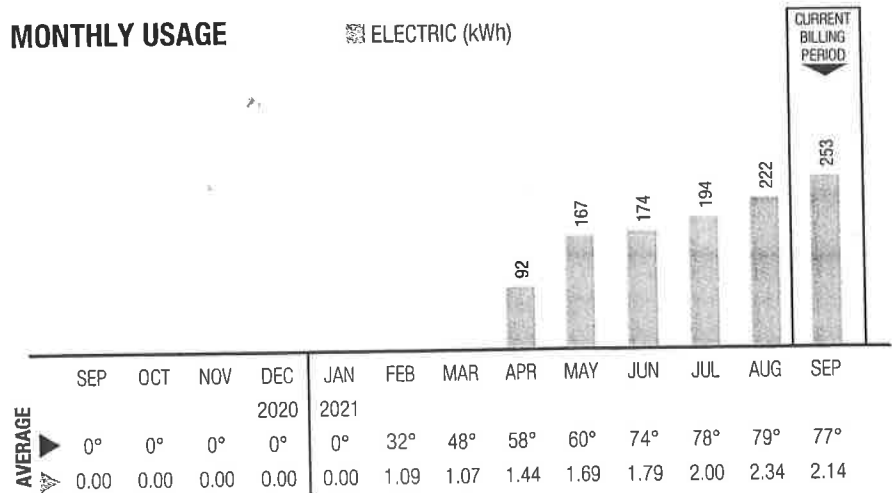
Online or phone payments made before 7 pm ET will be posted same day

**Account Name:** LYON CO WATER  
**Service Address:** Na Pleasant Valley Rd Pump  
 PRINCETON KY  
**Online Payments:** lge-ku.com  
**Telephone Payments:** (800) 383-5582, press 2-2-3  
 24 hours a day; \$2.00 fee  
**Customer Service:** (800) 383-5582  
 M-F, 8am-6pm ET  
**Walk-in Center:** 219 W. Main Street  
 Eddyville, KY 42038  
 M-F, 9am-5pm ET

Next read will occur 10/15/21 - 10/19/21 (Meter Read Portion 12)

**MONTHLY USAGE**

ELECTRIC (kWh)

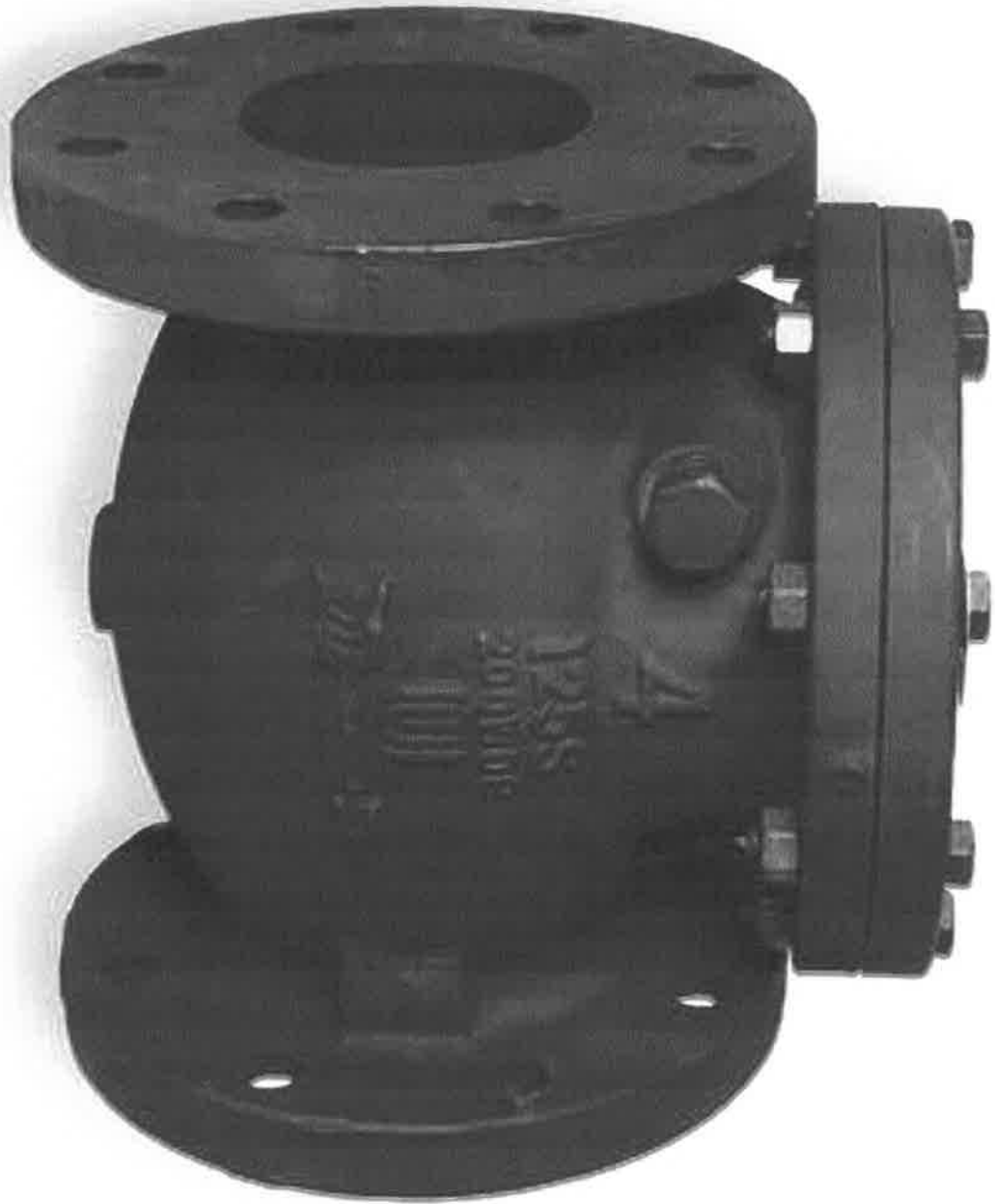


**BILLING PERIOD AT-A-GLANCE**

	THIS YEAR	LAST YEAR
Average Temperature	77°	0°
Number of Days Billed	34	0
<b>Avg. Electric Charges per Day</b>	<b>\$2.14</b>	<b>\$0.00</b>
Avg. Electric Usage per Day (kWh)	7.44	0.00

AVERAGE

	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
				2020	2021								
Temperature (°)	0°	0°	0°	0°	0°	32°	48°	58°	60°	74°	78°	79°	77°
Usage (kWh)	0.00	0.00	0.00	0.00	0.00	1.09	1.07	1.44	1.69	1.79	2.00	2.34	2.14





- **Pipe Size:** 4"
- **Connection Type:** Flanged
- **Body Material:** Cast iron
- **Width:** 9"
- **Max. Water Pressure - Valves:** 200 psi @ 150 Degrees F
- **Mln. Temp. - Valves:** -20 Degrees F
- **Size:** 4"
- **Max. Temp.:** 350 Degrees F
- **Flow Design:** Single
- **Max. Water Pressure:** 200 psi
- **Max. Steam Pressure - Valves:** 125 psi WSP
- **Sub-Category:** Iron
- **Material of Construction:** cast iron
- **Full Flow - Valves:** Yes
- **Length:** 11-1/2"
- **Item - Check Valves:** Check Valve
- **Cracking Pressure:** 0.75 to 1 psi
- **Mounting Orientation - Check Valves:** Horizontal, Vertical
- **Max. Temp. - Valves:** 350 Degrees F
- **Flow - Valves:** 605 gpm
- **Pipe or Tube Size - Check Valves:** 4 in
- **Mounting Position:** Vertical or Horizontal
- **Max. Pressure:** 125 psi SWP - 200 psi WOG
- **Application - Valves:** General Purpose
- **Cap to Inlet Center:** 6 11/16 in
- **Connection Type - Check Valves:** Flange x Flange
- **Item:** Swing Check Valve
- **Mechanism and Body Design:** Inline Swing
- **Body Material - Valves:** Cast Iron
- **Max. Steam Pressure:** 125 psi WSP
- **Seal Material - Check Valves:** Chrome, Cobalt
- **Seat Material - Check Valves:** Bronze
- **Standards:** MSS-SP-71 and ASTM B16.1
- **Cracking Pressure - Check Valves:** 0.750 to 1.000 psi
- **Seal Material:** Chrome, Cobalt
- **Seat Material:** Bronze
- **Pipe or Tube Size:** 4 in
- **Mounting Orientation:** Horizontal, Vertical
- **Length (Straight Wireway):** 11 1/2 in



Preview Order 1020 - X2B 4x4 Super Cab SRW: Order Summary Time of Preview: 10/20/2021 09:46:39

Dealership Name: Champion Ford

Sales Code : F47514

Dealer Rep.	Andrew Simpson	Type	Retail	Vehicle Line	Superduty	Order Code	1020
Customer Name	X XXXXX	Priority Code	19	Model Year	2022	Price Level	240

DESCRIPTION	MSRP	DESCRIPTION	MSRP
F250 4X4 SUPERCAB PICKUP/148	\$40325	3.31 RATIO REGULAR AXLE	\$0
148 INCH WHEELBASE	\$0	JOB #1 ORDER	\$0
OXFORD WHITE	\$0	CV LOT MANAGEMENT	\$0
VINYL 40/20/40 SEATS	\$0	10800# GVWR PACKAGE	\$0
MEDIUM EARTH GRAY	\$0	50 STATE EMISSIONS	\$0
PREFERRED EQUIPMENT PKG.600A	\$0	SPARE TIRE AND WHEEL	\$0
.XL TRIM	\$0	TRAILER BRAKE CONTROLLER	\$270
.AIR CONDITIONING -- CFC FREE	\$0	HIGH CAPACITY TRAILER TOW PKG	\$1130
.AM/FM STEREO MP3/CLK	\$0	JACK	\$0
6.7L POWER STROKE V8 DIESEL	\$10495	FUEL CHARGE	\$0
10-SPEED AUTOMATIC	\$0	PRICED DORA	\$0
.LT245/75R17E BSW ALL-SEASON	\$0	DESTINATION & DELIVERY	\$1695

\$ 52,445<sup>12</sup>  
~~36,167.44~~

TOTAL BASE AND OPTIONS  
DISCOUNTS  
TOTAL

~~56,056.46~~  
+450 Running Boards  
56,506.46

MSRP  
\$53915  
NA  
\$53915

Running Boards +450

Customer Name:  
Customer Address:

Customer Email:  
Customer Phone:

Customer Signature

Date

*This order has not been submitted to the order bank.*

*This is not an invoice.*

Lyon County Water District  
P.O. Box 489  
5464 U.S. Hwy 62 West  
Kuttawa, KY 42055  
270-388-0271

Meter Set/Meter Relocation

Date \_\_\_\_\_  
Customer: Quote for new meter set  
Address: \_\_\_\_\_  
Reason: \_\_\_\_\_  
\_\_\_\_\_

Material:	Quantity	Cost	Total Cost
Saddle 3/4" x 6		\$41.05	\$41.05
Corp Stop		\$39.46	\$39.46
Meter Box and Lid		\$50.23	\$50.23
Brass Nipple		\$13.85	\$13.85
Inserts		\$0.60	\$0.60
Tubing		\$9.90	\$9.90
Tr/Wire		\$5.00	\$5.00
Setter		\$199.19	\$199.19
Meter 1 5/8 x 3/4		\$207.00	\$207.00

Equipment (hrs):

Backhoe & 1 Operator	3 hrs	@\$125.00/hr	\$375.00
Compressor		@\$20.00/hr	
Dump Truck		@\$50.00/hr	
Mini Excavator		@\$125.00/hr	

Labor (hrs)

Two Employees	3 hrs	@\$75.07/hr	\$150.14
---------------	-------	-------------	----------

Total \$1,091.42

# Board and Management Monthly Water Use Report

Water Utility: Lyon County Water District PWSID: KY0720933

For the Month of: September Year: 2021

Billing Period: \_\_\_\_\_ to \_\_\_\_\_

1 PRODUCTION COST PER THOUSAND (insert cost)    
 2 PURCHASE COST PER THOUSAND \$3.00

**WATER PRODUCED or PURCHASED**

**GALLONS**

3	Water Produced			0.0%
4	Water Purchased	\$32,951.93	10,983,975	100.0%
5	<b>TOTAL PRODUCED AND PURCHASED</b>		10,983,975	
6	<b>TOTAL COST #VALUE!</b>			

**WATER SOLD**

7	Residential		8,152,900	
8	Commercial			
9	Industrial			
10	Bulk Loading Stations			
11	Wholesale (other water systems, special contracts, etc.)			
12	Public Authorities (fire departments, public pools, parks, etc.)			
13	Other Sales (explain) _____			
14	<b>TOTAL WATER SOLD</b>		8,152,900	74.2%
15	<b>TOTAL WATER NOT SOLD</b>		2,831,075	<b>25.8%</b>

**BREAKDOWN OF WATER USAGE**

16	Water Treatment Plant			
17	Wastewater Treatment Plant			
18	System Flushing (routine and complaint flushing)		1,132,866	#VALUE!
19	DBP Flushing (forced tank overflows and hydrant flushing)		0	
20	Fire Department (documented for firefighting and training)		0	
21	Other Usage (explain) _____			
22	<b>TOTAL USAGE</b>		1,132,866	

**BREAKDOWN OF WATER LOST**

23	Tank Overflows (other than for DBP maintenance)			
24	Main Line Breaks (long term leakage during current month)		0	
25	Service Line Breaks (repaired during current month)		415,175	#VALUE!
26	Line Leaks (calculated line leakage, meter inaccuracies, etc.)			
27	Excavation Damage Loss (short term leakage)		782,254	#VALUE!
28	Theft (documented)			
29	<b>TOTAL DOCUMENTED WATER LOST</b>		1,197,429	
30	<b>COST OF DOCUMENTED WATER LOST</b>		#VALUE!	

**"UNKNOWN LOSS" FLOW RATE AND COST:**

31	"Unknown Loss"		500,780	
32	% "Unknown Loss"		4.6%	
33	(insert billing period dates at top of page) Number of Days in Period		0	
34	"Unknown Loss" per Day (Gallons per Day)		#DIV/0!	
35	"Unknown Loss" per Minute (GPM)		#DIV/0!	
36	"Unknown Loss" Cost for Month		#VALUE!	

37 **WATER LOSS PERCENTAGE FOR PSC RATEMAKING PURPOSES** 15.46%

Lyon County Water District  
Minutes

The Lyon County Water District met in regular session on Tuesday December 14, 2021 at 8AM at the Water District Office.

Board members present:

Charles Murphy  
Chris Sutton  
Don Robertson

Others present:

Mat Blane  
Elaina Bond  
Marvin Wilson

Danny Patton

Elizabeth Watson

Meeting called to order by Don Robertson. Invocation gave by Charles Murphy.

Visitors: Danny Patton & Elizabeth Watson with Farmers Bank. They were in attendance to discuss their services offered through the bank. The district ask that they get a formal proposal together for the district to review to make a decision on switching banks.

**Motion to approve the November minutes. Motion by Charles. Seconded by Chris. Motion passed unanimously.**

**Water Issues:**

None

**Sewer Issues:**

None

Mike was unable to attend. He sent an e-mail to update everyone. See attached.

Elaina gave a report on the November financials.

**Charles motioned to approve the financial report, seconded by Chris. Motion passed unanimously.**

Elaina presented the 2021 budget amendments.

**Charles made a motion to approve the 2021 budget amendments. Seconded by Chris. Motion Passed.**

**Chris made a motion to split the cost of the UMS training needed for the new employee with TCG. Seconded by Charles. Motion passed.**

Managers' Report: See Attached.

**Charles motioned to approve the financial report, seconded by Chris. Motion passed unanimously**

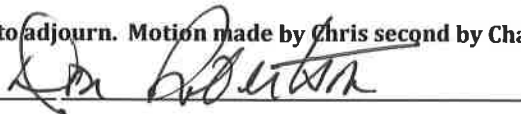
Old Business:

New Business: Buying a New Truck.

**Chris made a motion to authorize Donnie & Mat to sign any documents to purchase a new truck and to decide the amount to pull from the Project 2 account for a down payment.**

**Motion to adjourn. Motion made by Chris second by Charles. Motion passed.**

Sign



# Lyon County Water District

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Board Meeting Agenda For Tuesday, December 14<sup>th</sup>, 2021

- I. Call to Order
- II. Pledge of Allegiance
- III. Opening Invocation
- IV. Recognition of Visitors  
-Danny Patton, Farmers Bank
- V. Reading and approval of minutes
- VI. Complaints
- VII. Current Projects
- VIII. Financial Report  
-Elaina Bond
- IX. Superintendent's report
- X. Old Business
- XI. New Business
- XII. Adjournment

# Lyon County Water District

Board Meeting Agenda, Tuesday, December 14th, 2021

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## Managers Report

- I Leak Detection
  - a.) Multiple small leaks still currently not located due to storm
  - b.) Monitoring meters daily to detect above average usage
  
- II Flushing
  - a.) Flushing in multiple areas due to storm related leaks
  
- III Construction
  - a.) Upcoming grant project orders need to be placed
  - b.) Fredonia Water will restore our connection to them
  
- IV Programs and Compliance
  - a.) EMOR submitted ahead of schedule
  - b.) Quarterly Meter Report due at the end of December
  - c.) Quarterly THM's failed for August, passed for November

# Lyon County Water District

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## Board Meeting Agenda, Tuesday, December 14th, 2021 Managers Report (Cont)

### V Employment

- a.) C.J. Ahart says he will start full time January 3<sup>rd</sup> for \$13/hr

### VI Storm Cleanup and Repairs

- a.) 5 Main line leaks repaired by our dedicated crews
- b.) Exceptional help was brought in through Christian and West McCracken counties to bolster manpower.
  - 1.) These counties will need to be reimbursed
- c.) Issues still abound throughout the system
  - 1.) Currently inadequate vehicles and manpower
- d.) FEMA reimbursement amount and timeline



# Board and Management Monthly Water Use Report

Water Utility: Lyon County Water District PWSID: KY0720933  
 For the Month of: October Year: 2021  
 Billing Period: \_\_\_\_\_ to \_\_\_\_\_

1 PRODUCTION COST PER THOUSAND (insert cost)   
 2 PURCHASE COST PER THOUSAND (insert cost)

	<b>WATER PRODUCED or PURCHASED</b>	<b>GALLONS</b>	
3	Water Produced		0.0%
4	Water Purchased	10,495,638	100.0%
5	<b>TOTAL PRODUCED AND PURCHASED</b>	10,495,638	
6	<b>TOTAL COST #VALUE!</b>		

	<b>WATER SOLD</b>		
7	Residential	6,720,400	
8	Commercial	531,700	
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale (other water systems, special contracts, etc.)		
12	Public Authorities (fire departments, public pools, parks, etc.)		
13	Other Sales (explain)		
14	<b>TOTAL WATER SOLD</b>	7,252,100	69.1%
15	<b>TOTAL WATER NOT SOLD</b>	3,243,538	<b>30.9%</b>

	<b>BREAKDOWN OF WATER USAGE</b>		
16	Water Treatment Plant		
17	Wastewater Treatment Plant		
18	System Flushing (routine and complaint flushing)	485,197	#VALUE!
19	DBP Flushing (forced tank overflows and hydrant flushing)	578,445	#VALUE!
20	Fire Department (documented for firefighting and training)	0	
21	Other Usage (explain)		
22	<b>TOTAL USAGE</b>	1,063,642	

	<b>BREAKDOWN OF WATER LOST</b>		
23	Tank Overflows (other than for DBP maintenance)		
24	Main Line Breaks (long term leakage during current month)	124,783	#VALUE!
25	Service Line Breaks (repaired during current month)	73,186	#VALUE!
26	Line Leaks (calculated line leakage, meter inaccuracies, etc.)		
27	Excavation Damage Loss (short term leakage)	0	
28	Theft (documented)		
29	<b>TOTAL DOCUMENTED WATER LOST</b>	197,969	
30	<b>COST OF DOCUMENTED WATER LOST</b>	#VALUE!	

	<b>"UNKNOWN LOSS" FLOW RATE AND COST:</b>		
31	"Unknown Loss"	1,981,927	
32	% "Unknown Loss"	18.9%	
33	(insert billing period dates at top of page) Number of Days in Period	0	
34	"Unknown Loss" per Day (Gallons per Day)	#DIV/0!	
35	"Unknown Loss" per Minute (GPM)	#DIV/0!	
36	"Unknown Loss" Cost for Month	#VALUE!	

37 **WATER LOSS PERCENTAGE FOR PSC RATEMAKING PURPOSES** 20.77%

Lyon County Water District  
Statement of Revenues and Expenses-Budget 2021

	2021 Budget	Current Balance	December Estimates	Estimated Total	Increase/ Decrease Amendments	Updated Budget
<b>SALES</b>						
Reconnect Charges						
Miscellaneous Charges	600.00	-			-	600.00
Non-Utility Income	250.00	-			-	250.00
Residential Water Sales	1,340,000.00	1,103,064.86	90,000.00	1,193,064.86		1,340,000.00
Commercial Water Sales	85,000.00	67,545.45	5,500.00	73,045.45		85,000.00
Flat Rate Reveues - Gen Residential	15,000.00	12,646.98	1,100.00	13,746.98		15,000.00
Flat Rate Reveues - Gen Commercial	20,000.00	9,412.42	525.00	9,937.42	(10,000.00)	10,000.00
Less: Returns & Allowances	-	(2,411.95)			-	-
<b>Total Sales</b>	<u>1,460,850.00</u>				<u>(10,000.00)</u>	<u>1,450,850.00</u>
<b>Gross Profit</b>	<u>1,460,850.00</u>				<u>(10,000.00)</u>	<u>1,450,850.00</u>
<b>OPERATING EXPENSES</b>						
Salaries	165,000.00	126,276.87	12,000.00	138,276.87	(20,000.00)	145,000.00
Employee Dental Insurance	1,200.00	574.08	23.92	598.00		1,200.00
Employee Health Insurance	31,500.00	15,478.37	1,025.95	16,504.32	(11,500.00)	20,000.00
Employee Pension Expense	45,000.00	27,809.88	3,300.00	31,109.88	(10,000.00)	35,000.00
Depreciation	319,000.00	292,472.29	26,588.39	319,060.68	1,000.00	320,000.00
Sales Tax	-	-		-		-
Local School Tax	-	-		-		-
Payroll Tax Expense	15,500.00	9,660.19	875.00	10,535.19	(3,500.00)	12,000.00
PSC Assessment	2,500.00	2,507.25		2,507.25		2,500.00
Interest Expense	115,000.00	89,004.99	17,483.00	106,487.99		115,000.00
Purchased Water	415,000.00	387,913.84	35,000.00	422,913.84	10,000.00	425,000.00
Utilities & Phone	23,000.00	23,582.21	1,900.00	25,482.21	2,500.00	25,500.00
Materials & Supplies	90,000.00	94,359.52	7,500.00	101,859.52	12,000.00	102,000.00
Office Supplies	15,000.00	13,786.57	1,000.00	14,786.57		15,000.00
Replacement to Lines	15,500.00	-		-	(10,000.00)	5,500.00
Contract Services	5,000.00	2,500.00	500.00	3,000.00		5,000.00
Contract Labor	7,000.00	7,137.00	2,000.00	9,137.00	2,500.00	9,500.00
Professional Fees - Legal	10,500.00	14,655.00	1,200.00	15,855.00	5,500.00	16,000.00
Professional Fees - Accounting	85,000.00	74,900.00	6,535.00	81,435.00		85,000.00
Loan Cost Expense	-	450.00		450.00		-
Insurance & Bonds	25,000.00	22,058.61	500.00	22,558.61		25,000.00
Miscellaneous	45,000.00	42,187.47	6,500.00	48,687.47	3,500.00	48,500.00
Depreciation	22,000.00	19,885.36	1,807.00	21,692.36		22,000.00
Miscellaneous Supplies & Expense	17,000.00	19,277.10	1,300.00	20,577.10	3,500.00	20,500.00
<b>Total Operating Expenses</b>	<u>1,469,700.00</u>				<u>(14,500.00)</u>	<u>1,455,200.00</u>
<b>Operating Income (Loss)</b>	<u>(8,850.00)</u>				4,500.00	<u>(4,350.00)</u>
<b>OTHER INCOME</b>						
Intrest Earned	3,500.00	207.78	10.00	217.78	-	3,500.00
Proceeds From Contributed Capital	6,000.00	10,200.00		10,200.00	4,500.00	10,500.00
Proceeds From Grant Revenue	-			-		-
Gain on Sale of Assets	-			-		-
<b>Total Other Income (Loss)</b>	<u>9,500.00</u>				4,500.00	<u>14,000.00</u>
<b>Net Income (Loss)</b>	<u>650.00</u>				-	<u>650.00</u>

See Accountant's Compilation Report

Operations Change	(19,000.00)
Deprecation Change	1,000.00
Interest Exp Change	-
Interest Inc Change	-
<b>Total Change</b>	<b>(18,000.00)</b>

## Elaina Bond

---

**From:** Hansen, Mike <Mike.Hansen@hdrinc.com>  
**Sent:** Monday, December 13, 2021 8:57 PM  
**To:** donrobertson@bellsouth.net; Elaina Bond; lyoncowater@gmail.com  
**Cc:** Marvin Lee Wilson; Mathew Blane  
**Subject:** December Board Meeting

Hello Donnie,

First I hope everyone is safe and well after Friday nights horrific storms. As we talked late last week, I had to be in Louisville tonight through Wednesday and can't make tomorrow's board meeting. I wanted to give you an update on some things.

- PSC Rate Case – good news is that it appears that the PSC has cancelled the hearing scheduled for 01/19/22. I am sure Marvin will update the board – it looks like they posted that notice today.
- PSC Rate Case – as we indicated in our response to the PSC, all the documentation was submitted by the deadline of 11-22-21. On 11-23-21 they provided a letter of no deficiency, which means we supplied everything in accordance with the requirements of the rate case. What will happen now is they will review everything and put out a schedule of when they might provide comments and when responses will be due and when a final order will be determined.
- Kuttawa – as we talked, I supplied the letter to the RV Park's engineer for approval. From what we have heard, Kuttawa's engineer recommended approval to the City. I have not heard if they have actually granted it, but there is nothing we can do at this time. What I do not know is if they have considered Iron Hill, I will try to find that out. I am not sure if the Iron Hill folks will want to move forward at this point, but I will follow up.
- KIA – I will shift focus on working with the KIA on the tank and line work projects. Due to all the delays with the PSC, I will need to coordinate with them on an updated schedule for potentially bidding these projects.
- Covid Money – our projects were approved by the WMC – I am assuming we will hear more from the county when the money hits the bank and we can proceed further.

I think that is about it for now.

I am sure we will talk, but I want to wish everyone at the District a very Merry Christmas and a Happy New Year.

See you all soon,

Mike

**Mike Hansen, PE**  
Associate Vice President  
*KY/TN/AR Water Business Group Manager*

**HDR**  
120 Brentwood Commons Way, Suite 525  
Brentwood, TN 37027  
D 629.228.7559 M 270.564.3446  
[Mike.Hansen@hdrinc.com](mailto:Mike.Hansen@hdrinc.com)

[hdrinc.com/follow-us](https://hdrinc.com/follow-us)

Lyon County Water District  
Minutes

The Lyon County Water District met in special called session on Wednesday December 22, 2021 at 8AM at the Water District Office.

Board members present:

Charles Murphy

Chris Sutton

Don Robertson

Others present:

Mat Blane


Elaina Bond

The board met to make a decision on switching banks from Truist to Farmers Bank & Trust. They discussed the information on the attached proposal (see attached) to make the best informed decision for the district.

**Chris made a motion to move all checking accounts at Truist (formally BB&T) to Farmers Bank & Trust. Charles seconded. Motion passed unanimously.**

**Motion to adjourn. Motion made by Chris second by Charles. Motion passed.**

Sign

  
\_\_\_\_\_



December 17, 2021

Lyon County Water District  
Attn: Don Robertson, Chairman  
5464 US Highway 62 W  
Kuttawa, KY 42055

RE: Account Proposal

Dear Mr. Robertson:

First, I would like to thank you for allowing Elizabeth Watson and me to attend the Lyon County Water District Board Meeting earlier this week.

We are excited about the possibility of having the Lyon County Water District as a valued customer. As you well know, Farmers Bank and Trust Company is a local community bank with decisions made locally and providing quality customer service.

Attached is a spreadsheet comparing your existing accounts with the proposed accounts with Farmers Bank and Trust Company. The Depreciation Fund with your existing bank pays .05% interest and our proposed rate is .15%. The interest rate on the Revenue Account is currently .05% with a monthly service charge of \$400 to \$450 monthly. Our proposal is does not pay interest on the account, but the projected monthly statement analysis service charge is \$200 to \$250. In comparison, Farmers Bank will pay more interest on the The Depreciation fund and a projected lower monthly service charge on the Revenue Account. As denoted, some of the accounts will be placed in the Small Business Checking Account. The requirement for this account is at least a \$2,500 minimum daily balance and 300 items per statement period. Items in excess of 300 will be subject is a \$.25 per item charge. If the referenced criteria is met, then it is a free account.

If you have questions regarding this information, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Danny H. Patton".

Danny H. Patton  
Vice President & Trust Officer



28 Commerce Street / P.O. Box 559 / Eddyville, KY 42038  
Phone 270-388-5526  
[www.yourNXTbank.com](http://www.yourNXTbank.com)



**LYON COUNTY WATER DISTRICT ACCOUNTS  
CURRENT ACCOUNTS**

<u>ACCOUNT NAME</u>	<u>INTEREST</u>	<u>RATE</u>	<u>PROPOSED RATE</u>	<u>ACCT. TYPE</u>
Depreciation Fund Acct.	Yes	0.05	0.15	Small Business Checking
Project Account	No	N/A	N/A	Free Account
Sewer Operations Acct.	No	N/A	N/A	Small Business Checking
KIA Fund Account	No	N/A	N/A	Free Account
Water Operations Acct.	No	N/A	N/A	Small Business Checking
Revenue Account	Yes	0.05	N/A	Analysis Statement
				Current Monthly Service
				Charge \$400 to \$450
				Projected FB Montly
				Serivce Charge \$200 to
				\$250
Loan Fund	No	N/A	N/A	Free Account
Sinking Fund	No	N/A	N/A	Small Business Checking