

January 11th, 2022

ECWD

Present: Jimmy Mills, Barry Rich, N.E. Reed, Tony Sanders, Jeff Basham, Erica Wolfe

Financial Report:

Retail sales have been good for the year, a little over a quarter million in retail sales. 309,000 in total revenue for 2021. 188 meters were set for 2021 and increase from 2020 when only 159 meters were set. Bond coverage for the year is at .296. The statement of expenses reflects the amendment that was made so we are \$28,000 to the good after the amendment. The auditors were supposed to be here this past week, but due to the office being closed we will be rescheduling.

COVID/Office Closed:

Tony reported that he personally thanked [REDACTED] and [REDACTED] for covering the office. They are the only two of the office staff that did not test positive for COVID. Tony read a letter written by [REDACTED] regarding COVID leave and our personal day policy. (letter attached). The board decided to amend the personal day policy to include COVID 19 Quarantine as a special leave type (similar to court duty, funeral leave, etc..) Those absences do not require the employee to use a personal day but they are unpaid. Employees who are not vaccinated will continue to be unpaid for the COVID 19 Quarantine leave unless they decide to utilize their personal days. Motion made by Barry Rich and second by N.E. Reed to add COVID 19 Quarantine to the list of exceptions to the personal day policy. Motion carried.

Project:

We received our final drawl and we were able to close out the project for 2021.

New Employees:

Interviews got delayed to the office being closed. Tony reported that he will probably call to schedule interviews next week.

Refinance:

Tony reported that he is gathering some information for Kristin Millard and we will be moving forward with the refinance.

Trucks:

Right now, Lawrence's truck is getting worked on by Gillie Hyde. The dump truck is in need of repair but it will cost about \$4,000 to fix. Tony reports that he believes it is a good idea to go ahead and fix it even though we plan on getting another one. Tony reports that it is a good idea to have a spare and that it will be useful to have two in certain situations.

Materials Bid:

The materials bid came in over \$20,000 therefore it requires board approval. Motion made by N.E. Reed and second by Barry Rich to accept the bid for materials. Another request for quotation has been sent out materials needed the board approved to go ahead with that purchase if it exceeds the \$20,000 limit, as long as it is under the \$30,000.

Check Reports:

Check reports given to the board members for approval at the next meeting.

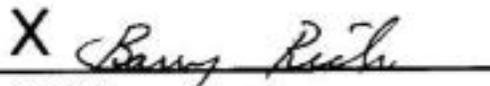
Commissioners Training:

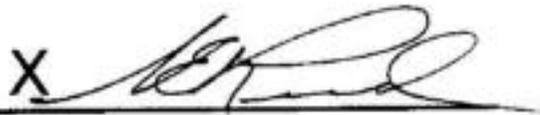
Tony reported that there is a training in Bowling Green February 16th and 17th. Tony will be attending with Dylan and Barry. Jimmy and N.E. elected to do the training virtually here at the office.

Adjourn:

Motion made by Barry Rich and second by N.E. Reed to adjourn. Meeting adjourned.

X 
Jimmy Mills

X 
Barry Rich

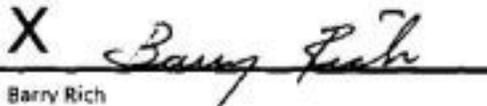
X 
N.E. Reed

January 11, 2021

We have reviewed and approved the transactions for the month of December 2021 for the following accounts. The documents that have been reviewed are attached.

- Water Operation & Maintenance (Account ID: 13400)
- Membership Fee Fund (Account ID: 13200)
- Health Insurance Deduction Reserve (Account ID: 13530)
- Debit Card Account (Account ID: 13410)
- Sewer Operation & Maintenance (Sewer Account ID: 13400)

X 
Jimmy Mills

X 
Barry Rich

X 
N.E. Reed

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:

Edmonson County Water District

For the Month of:

DECEMBER

Year:

2021

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	58,410,000
3	Water Purchased	
4	TOTAL PRODUCED AND PURCHASED	
5		
6	WATER SALES	
7	Residential	29,293,200
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	2,437,500
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	1,411,700
18	Wastewater Plant	
19	System Flushing	712,400
20	Fire Department	4,350
21	Other Usage (explain) PUMPS	450,090
22	TOTAL OTHER WATER USED	
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	3,008,285
27	Line Leaks	21,092,565
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	

Edmonson Co Water District

Monthly Water Loss Report

Dec 2021

Brownsville WTP

December-20 Totals

A: Produced 39.1850 MG
Purchased _____ MG
Total 39.1850 MG

36.101 MG
 _____ MG
 36.101 MG

Sold

<i>Residential</i>	17.4502 MG	
<i>Wholesale</i>	2.4375 MG	
<i>Wax WTP</i>	_____ MG	
Total Sold	19.8877 MG	

18.0655 MG
 3.857 MG
 _____ MG
 21.922 MG

B: Difference 19.2973 MG
% Difference 49.25%

14.179 MG
 39.28%

Gallons Acctd For:

<i>Breaks</i>	_____ MG	
<i>Hyd. Flushing</i>	_____ MG	
<i>Tank Overflow</i>	_____ MG	
<i>Plant Use</i>	0.5287 MG	
<i>Fire Dept Use</i>	_____ MG	
<i>Adjustments +/-</i>	_____ MG	
<i>Other</i>	_____ MG	

_____ MG
 _____ MG
 _____ MG
 0.524 MG
 _____ MG
 _____ MG
 _____ MG

C: Total Gallons Acctd For: 0.529 MG
Loss Unacctd for Water (B-C) 18.769 MG
% Loss Unacctd for (B-C)/A 47.90%

0.524 MG
 13.655 MG
 37.82%

Gallons / Day (+/-) 605,452
Gallons / Minute (+/-) 420

440,484
 306

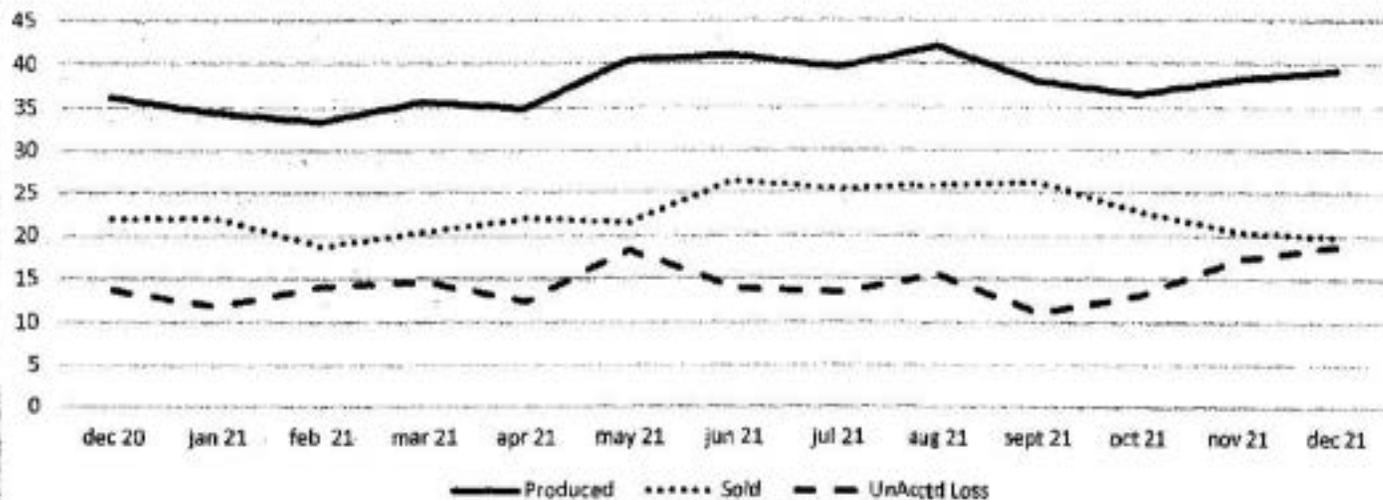
YTD Budget: _____ Cur Mth _____

Past YTD Avg. 34.73%

Loss:

AVG YTD Loss: 38.52% _____ % Used

13 Mth Loss Rpt Bville WTP



Edmonson Co Water District

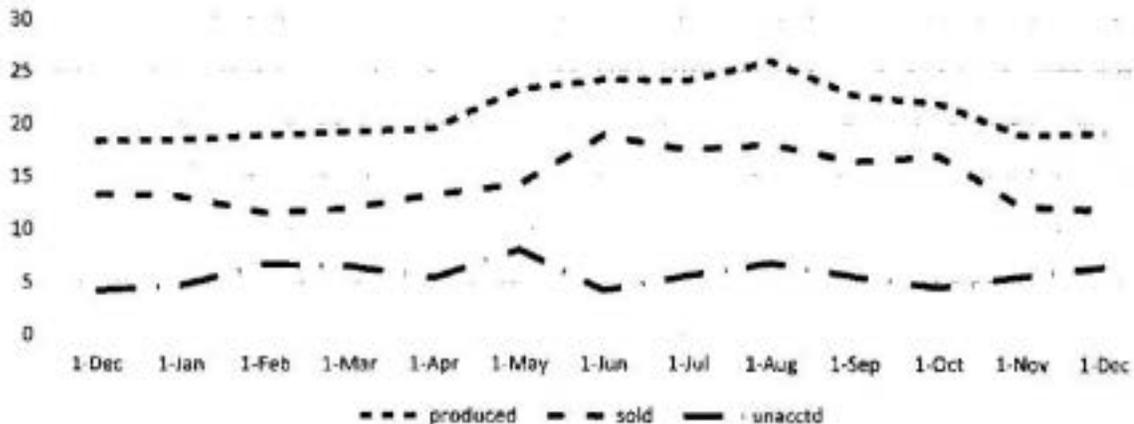
Monthly Water Loss Report

		Dec-21	Wax	WTP
			Dec-20	Totals
A:	Produced	19.225 MG	18.331 MG	
	Purchased	MG	MG	
	Total	19.225 MG	18.331 MG	
Sold	Residential	11.843 MG	13.331 MG	
	Wholesale	MG	MG	
	Total Sold	11.843 MG	13.331 MG	
B:	Difference	7.382 MG	4.999 MG	
	% Difference	38.40%	27.27%	
Gallons Acctd For:				
	Breaks	MG	MG	
	Hyd. Flushing	MG	MG	
	Tank Overflow	MG	MG	
	Plant Use	0.883 MG	0.797 MG	
	Fire Dept Use	MG	MG	
	Adjustments +/-	MG	MG	
	Other	MG	MG	
C:	Total Gallons Acctd For:	0.883 MG	0.797 MG	
	Loss Unacctd for Water (B-C)	6.498 MG	4.201 MG	
	% Loss Unacctd for (B-C)/A	33.80%	22.92%	
	Gallons / Day (+/-)	209,620	135,532	
	Gallons / Minute (+/-)	146	94	

YTD Budget: _____ % Used | Past YTD: _____

AVG YTD Loss:

13 month loss report wax plant



MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

Dec-21

<u>9644</u> payments received in office for the the month		
<u>2079</u> received from by mail		<u>21.56%</u> paid by mail
<u>226</u> received by walk in		<u>2.34%</u> paid by walk in
<u>23</u> received by credit card		<u>0.24%</u> paid by credit card
<u>2496</u> received from bankdraft		<u>25.88%</u> paid by bankdraft
<u>1059</u> received from drive thru		<u>10.98%</u> paid by drive thru
<u>3518</u> received from online		<u>36.48%</u> paid online
<u>243</u> received from n.d		<u>2.52%</u> paid by n.d.
<u>41</u> was the most customers walk in payments received		<u>12/28/2021</u>
<u>71.00</u> Membership Fees Collected	<u>16.00</u>	Reconnect Fees Collected
<u>15</u> Tap Fees Collected	<u>0</u>	Return Check Fees Collected

<u>11,099</u> Customer	<u>29,292,500</u> Total Gallons Sold	<u>\$ 301,903.93</u> \$ Amount
<u>2,437,500</u> Gals-City	<u>\$ 7,556.25</u> \$ Amount	<u>\$ 123,047.19</u> Online Amount

<u>1245</u> Phone Calls Logged	<u>206</u> Work Orders Prepared	
Routes 1-10 Delinquent Notices mailed	<u>0</u>	
Customers Disconnected		<u>\$ 1.03</u>
Rehung same day		Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	<u>0</u>	
Customers Disconnected		
Rehung same day		

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

Dec-21

<u>56</u> Customers	<u>\$ 4,032.87</u> Revenue Received	
<u>3,300</u> Gallons Treated	<u>\$ 13.99</u> Cost	
<u>191000</u> Gallons Treated	<u>882.44</u> Cost	<u>\$ 896.43</u>
<u>0</u> Customers Disconnected		

Comments:

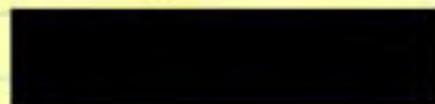
Erica Wolfe
 SIGNATURE

1/10/22
 DATE

Dear Board,

I am writing you this letter in concern with Covid pay. Everyone in our office came down with Covid except 2 employees with that being said 5 out of the 6 employees that were sick had their vaccines, when the vaccines came available you all wanted your employees to get vaccinated in order to keep the work environment safe. As of the 30th of December 1 employee tested positive for Covid, by the weekend 4 more employees tested positive and Monday another employee tested positive only leaving 2 employees to run the water district resulting in the office shutting down till Monday January 10th. Through my point of view vaccinated or nonvaccinated it did not keep our work environment safe. Most employees live pay check to pay check and can't afford to even miss one day of work let alone a week. Please consider giving the unvaccinated Covid pay since the vaccine don't protect you from getting and spreading Covid-19.

Sincerely,





GRW | engineering | architecture | geospatial
404 BNA Drive | Suite 201 | Nashville, TN 37217
615.366.1600 | www.grwinc.com

January 25, 2022

Mr. Tony Sanders, Manager
Edmonson County Water District
1128 Hwy 259 North
PO Box 208
Brownsville, KY 42210

RE: Wax WTP and Supply Study

Dear Mr. Sanders:

This letter is based on our discussions regarding the Edmonson County Water District's need to plan for needed/required raw water intake, water treatment and distribution system improvements primarily in the Wax area of your system. This study will account for the siltation problems at the current raw water intake and the need for expanded capacity at the Wax facility including recommendations for a new intake on Nolin Lake and expansion or replacement of the existing Wax WTP.

GRW proposes to assemble information and data and provide a Report to address projected growth in the service area and its impact on the needed intake and WTP capacity. The proposed Report will examine the ability of the distribution system to efficiently deliver the projected demands to these areas and define recommended improvements in the distribution system for the current and projected growth. Compiling the required information for the Report has and will include meetings with the District and the COE, discussions of the findings, conclusions and recommendations, and revisions to the Report, as necessary.

The Report format will be established and/or modified to meet the requirements of the anticipated funding agency, or agencies, for financing of any recommended improvements.

GRW proposes to perform and provide a Report as described above for a lump sum amount of \$25,000.00 to be billed monthly as work progresses.

If you would like to discuss this further or need additional information, please let me know.

Sincerely,

Louis E. Robbins, P.E.

Accepted:

Edmonson County Water District

cc: 3621-00

January 25th, 2022

ECWD

Present: Jimmy Mills, Barry Rich, N.E. Reed, Tom Goff, Lewis Robbins, Tony Sanders, Dylan Hazelwood, Erica Wolfe

Minutes:

Motion made by N.E. Reed to dispense the reading of the minutes, second by Barry Rich. Motion carried.

Lewis Wax Plant

Lewis reports that they found some consistent water near Dug Hill Rd and Robbin Lane. These locations are within 2 feet of the historical depth. Neither has easy access for construction. Lewis reports that there is a potential site near Dug Hill Rd but it is right around homes and he is worried there will be opposition. Either location would be a good way away from the treatment plant. Water would be pumped from one to two miles away. Lewis reported that in the summer Wax Plant is currently peaked out. If a new treatment plant is built it will need to be a 1.5-2 million gallons per day facility. Tony reported that he was going to talk to Danny (who owns the boat shop) on Robbin Lane about potentially purchasing property. Lewis reports for a plant like this you would want between 6-12 acres to build on.

Tony reported that he spoke with Roger at Kentucky Infrastructure. Roger told Tony the sooner that we can get some plans submitted the better off we will be. Tony and Lewis will be working on a rough estimate for the profile. Per Lewis just a rough guess is between 25 and 30 million dollars. Lewis reports that the intake structure will be a minimum of six million, and the water plant will be a minimum of six million, we will also need bigger lines, bigger pump stations, and there will be engineering fees as well. The board asked Lewis if they should get another opinion. Lewis reported that his company would consult with tech firms and contractors to obtain advice as needed.

Lewis reported we would need five years or so to get things completed, but the Corps of Engineers will want a plan next year in order to hold the water level.

Letter from GRW Engineering/ Lewis Robbins:

The letter from GRW Engineering was reviewed by the board. It proposes a \$25,000 lump sum payment (billed monthly) for the planning and design of the expansion/replacement of Wax Plant as well as a study regarding sitation problems, and distribution system improvements related to the replacement/expansion of Wax Treatment Plant. Motion made by N.E. Reed to approve the payment, second by Barry Rich. Motion carried.

Battery Plant in Elizabethtown KY:

Tom reports that there is a huge battery plant scheduled to open in Elizabethtown that will employ around 4,000 people. Tom reports that we may see an influx of customers in our Grayson and Hart territories. There may also be more plants move in the area to support that industry.

ARPA Funds from the Counties:

Tony reports that we may not be receiving as much as originally anticipated. The funds are now being opened up for other programs not just water/wastewater. We will be receiving \$411,000 from the cleaner water fund.

Department Reports:

Tony reports for December the water loss was at approximately 41%, we can't continue at that rate. This time of year, it is especially hard to locate leaks. It is difficult to decipher if it is someone with a meter running or one of our leaks. Something has to be done about the water loss. At a cost of \$1.02 per gallon to produce we have lost approximately \$200,000 in water. Currently loss is high at all the tanks, the distribution team is gearing up for leak detection.

New Employees:

Tony reports that he put an ad in the Edmonson News and the Edmonson Voice and that the job postings were shared on Facebook. Tony reports he only received 3 applications for two positions. One of those applicants turned down the job and one of the others did not seem to be a good fit. We have hired one employee for the distribution crew and there is still one vacant position. Another application has been completed and we will be continuing to do interviews. We hired a new employee for the office he starts in two weeks.

Cadillac Converters from Trucks:

3 Cadillac converters were stolen off of our work trucks yesterday. It'll cost around \$50 a piece to replace them. Dylan reports that about 6 months ago someone drained the fuel out of the backhoe. The board members asked about ECWD acquiring some type of security system. The board members suggested we look into it and get some cameras up quickly.

New Trucks:

Tony contacted our previous supplier who said that if we ordered Ford Rangers they would not come in until November or December. But we could bid and order Dodge Rams and they would be in in 3-4 months. Tony will be working on specs to get bids for new trucks.

Check Approval for December:

Motion made by Barry Rich to approve the checks from December 2021 second by N.E. Reed. Motion carried.

CDLs:

Tony reported that they passed a law that goes into effect February 7th. After February 7th employees would have to go to school to get their CDLs. SKYTC offers a 4-week program in Franklin KY for approximately \$4,000. The classes are Monday through Thursday. There are 3-4 that we would like to send to obtain their CDL, but they will probably have to go one at a time. Dylan and Tony suggested sending [REDACTED] first then [REDACTED]. It was discussed that it may be a good idea to have the employees sign a contract that they will remain employed at the Water District for a certain amount of time if the Water District is going to pay for this license. Tom reported that he will work on that.

KOWWA Dues:

Motion made by N.E. Reed to approve the membership dues for training, second by Barry Rich. Motion carried.

Meter Installation Cost Justification:

Tony reported that if you include labor, it is costing us approximately \$800 for meter installations and the customer is only paying \$575. He is working on a cost justification to potentially increase the cost. The cost justification would have to be approved by the PSC.

Water Application Forms:

We are in the process of reviewing/changing our application forms. They will also have to be approved by the PSC.

Upcoming Training:

There will be a training February 16th and the 17th. The commissioners are signed up for the training on the 16th. Jimmy and N.E. will be completing the training virtually here at the office, Barry will be attending in person.

Leak Adjustment for the City:

It was discussed that the city wants ECWD to consider offering them leak adjustments so they can then offer their customers adjustments. We are already selling the City of Brownsville water at a wholesale rate any type of adjustments like that would have to be approved by the PSC.

Health Insurance:

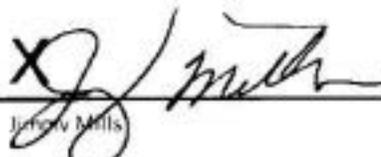
A motion was made by Barry Rich and seconded by N.E. Reed to allow employees to add their family members to our health insurance at the employee's expense. Any additional health insurance costs would be taken out of the employee's check. Motion carried.

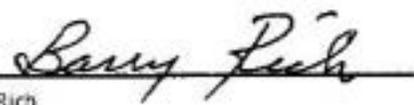
90 Day Evaluation for [REDACTED]:

Tony reports that [REDACTED] is trying very hard, learning all his supervisory duties. Tony reports that he is very impressed with [REDACTED] communication with customers. Motion made by N.E. Reed to give [REDACTED] an increase in pay, seconded by Barry Rich. Motion carried.

Adjourn:

Motion made by N.E. Reed to adjourn the meeting, second by Barry Rich. Meeting adjourned.

X 
Jimmy Mills

X 
Barry Rich

X 
N.E. Reed

February 8th, 2022

ECWD

Present: Jimmy Mills, Barry Rich, N.E. Reed, Tony Sanders, Jeff Basham, Tom Goff, Erica Wolfe

Minutes:

Motion made by N.E. Reed to dispense the reading of the minutes, second by Barry Rich. Motion carried.

Financial Report:

Tony reports that we had \$297,848 in retail sales, and our wholesale sales are also up from last year. For the month of January, we had \$59,000 more in income than we did at this time last year. There has been a gradual increase over the last five years. Expenses are down for January because the auditors put approximately \$20,000 back in the previous year.

Grant from KIA:

Tony reports that we received a \$446,221 grant from the Cleaner Water money. Tony will be addressing Edmonson County Fiscal court for additional funds at the next fiscal court meeting. Tony reports that we will be receiving \$211,000 for Hart County those funds will be used to get water to Cub Run Hollow Rd. We will also be receiving \$160,000 from Grayson County. These funds will be used to replaced Sleepy Hollow pump station. At this time the board does not want to contribute additional funds/financing to these projects.

Wax Plant:

Tony reports that he spoke with [REDACTED] (who owns the boat shop) about purchasing property. [REDACTED] already has a buyer; we may have been too late to obtain that site. Tony reports that he has found a few other owners to talk to but he has not met with them yet.

Refinance:

Tony reports that he got an email from Kristin Millard regarding the refinance. Interest rates are going up now our savings for the refinance have gone down from \$400,000 to \$230,000. Attorneys' fees and

other associated fees were not figured in with this savings. At this time, we are proceeding but will reevaluate if rates continue to rise.

Truck Bid:

Did not receive any bids for new trucks. It was advertised in the paper and Tony directly contacted Swope in Elizabethtown and Ford in Bowling Green. Tom will find out what the rebid process will need to consist of since no bids were received.

PSC Order:

We received the order from the PSC regarding the refinance. The PSC approved the refinance if it creates a positive cash flow. We will have to file a rate case or an explanation as to why the water rates should stay the same by 2025, and we will have to file a rate case for sewer by February 2023. Within 120 days we have to submit a capital improvement plan and a water loss reduction plan. Tony reports he spoke with Gary Larimore at KRWA and they will assist with those items.

Dollar General:

Tony reports that there is an 8-inch line where the parking lot is being put for the new Dollar General. The board suggests getting something in writing that if our line needs repairs we may have to dig up the parking lot. Tom said that was not a bad idea, he will get something drafted.

Fiscal Court Meeting Monday:

Tony reports that \$800,000 are needed to finish the project for Edmonson County. He will be requesting the ARPA funds from Fiscal Court for that project.

Contract for CDLs:

Tom drafted a contract it was reviewed by Tony and the board. The contract is for three years. If the employee terminates employment it'll be reduced by 1/3 each year until the contract is completed. The amount will have to be paid in full within 90 days. Tom will continue to revise the contract and will have a new draft at the next meeting.

Employee Resignation:

█████ gave her two weeks' notice. █████ will be taking her position. She has been filling in for █████ and has a good base knowledge of the job. A new employee will need to be hired for customer service.

A good candidate was interviewed recently, it is [REDACTED] It was discussed and decided that it is not a violation of the policy. Tony will be hiring [REDACTED] for the customer service position.

Meter Change Outs/ Periodic Testing:

Tony reported that he spoke with [REDACTED] who has a company that does meter change outs and does the GPS coordinates. He has a crew and because we are local, he could do the change outs for \$40-\$50 per meter. We will have to go through the bidding process but other companies charge \$70-\$80 per meter. Josh reported that he could start the job in approximately a month. Tony reports that if we need to, we can use a \$500,000 certificate of deposit to cover the cost of the meter change outs. We can also utilize the short-term depreciation account for short term capital expenses. We would have to do a budget amendment. We could have a bid ready by the 1st or 2nd meeting in March to go forward with contracting the meter change outs.

Leak Detection:

Tony reports that we continue to find leaks but it doesn't seem like we are gaining any ground. We will be working on a water loss reduction plan and we will be following through with that.

Adjourn:

Motion made by N.E. Reed to adjourn, second by Barry Rich. Meeting adjourned.

X

Jimmy Mills

X

Barry Rich

X

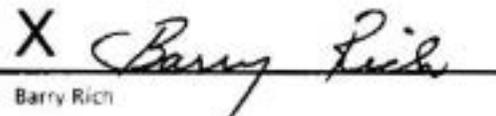
N.E. Reed

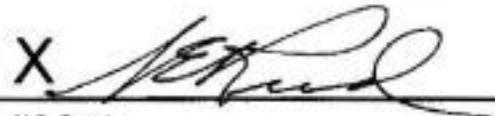
February 8, 2022

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- Health Insurance Deduction Reserve (Account ID: 13530)
- Debit Card Account (Account ID: 13410)
- Sewer Operation & Maintenance (Sewer Account ID: 13400)


Jeremy Mills


Barry Rich


N.E. Reed

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:

Edmonson County Water District

For the Month of:

JANUARY

Year:

2022

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	62,719,000
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8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	2,761,100
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	33,915,200
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	1,590,000
18	Wastewater Plant	
19	System Flushing	1,482,000
20	Fire Department	
21	Other Usage (explain) PUMPS	480,000
22	TOTAL OTHER WATER USED	3,552,000
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	3,333,400
27	Line Leaks	21,938,400
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	25,271,800
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	40.29%

Edmonson Co Water District

Monthly Water Loss Report

Jan 2021

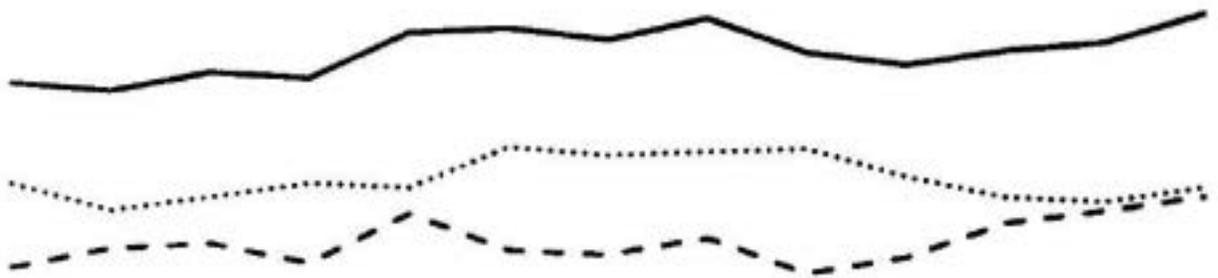
Brownsville WTP

		January-20	Totals
A: Produced	42.6810 MG	34.3490 MG	
	Purchased _____ MG	_____ MG	
	Total _____ MG	34.3490 MG	
Sold	<i>Residential</i> 18.8381 MG	19.5348 MG	
	<i>Wholesale</i> 2.7611 MG	2.4714 MG	
	<i>Wax WTP</i> _____ MG	0.0000 MG	
	Total Sold _____ MG	22.0062 MG	
B: Difference	21.0818 MG	12.3428 MG	
% Difference	49.39%	35.93%	
Gallons Acctd For:			
	<i>Breaks</i> _____ MG	_____ MG	
	<i>Hyd. Flushing</i> _____ MG	_____ MG	
	<i>Tank Overflow</i> _____ MG	_____ MG	
	<i>Plant Use</i> 0.5920 MG	0.5052 MG	
	<i>Fire Dept Use</i> _____ MG	_____ MG	
	<i>Adjustments +/-</i> _____ MG	_____ MG	
	<i>Other</i> _____ MG	_____ MG	
C: Total Gallons Acctd For:	0.5920 MG	0.5052 MG	
Loss Unacctd for Water (B-C)	20.4898 MG	11.8378 MG	
% Loss Unacctd for (B-C)/A	48.01%	34.46%	
Gallons / Day (+/-)	680,961	381,859	
Gallons / Minute (+/-)	459	265	

YTD Budget: _____ % Used || Past YTD: _____

AVG YTD Loss: _____

13 Mth Loss Rpt Brownsville WTP



— Produced
..... Sold
----- Unacctd Loss

**MONTHLY INSPECTION & REPORT FORM
BROWNSVILLE TREATMENT PLANT**

Gallons Pumped	<u>42,681</u>
Gallons Sold	<u>21,599</u>
Gallons Lost	<u>20,490</u>
Percentage Loss	<u>48.01%</u>
GPM Loss	<u>459</u>

Maximum Pumped	<u>1.812</u>
Minimum Pumped	<u>1.129</u>
Average Pumped	<u>1.376</u>

Gallons Accounted for:	
Tank Overflow	<u>0.000</u>
Plant Use	<u>0.592</u>
Computer Adj.	<u>0.000</u>
Other	<u>0.000</u>
Total	<u>0.592</u>

Booster Station Conditions	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Building & Grounds	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Electrical & Telemetry	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Piping and valves	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Pumps	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent

Tanks Conditions	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
-------------------------	--------------------	--------------------	--------------------	-------------------------

Site Condition	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Evidence of overflow	<u> </u> Yes	<u> </u> No		

Treatment Plant Appearance				
Buildings	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent
Grounds	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent
Intake	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent
Road & entrance	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent

Testing Done as required	<u> x </u> Everyday	<u> </u> Almost every day	<u> </u> Some	<u> </u> Never
Housekeeping as required	<u> x </u> Yes	<u> </u> No		
Mowing as required	<u> </u> Yes	<u> </u> No		
Proper reports filled out	<u> x </u> Yes	<u> </u> No	<u> </u> Sometimes	

Equipment, pumps and etc. properly maintained	<u> x </u> Accord. to maintenance man.	<u> </u> Sometimes
	<u> </u> Never	

Operator overseeing treatment	<u> x </u> Was available while on duty	<u> x </u> Was away from plant occasionally
	<u> </u> Was away from plant more than needed	

Comments:

With this report I certify that I have personally inspected the operation and maintenance for the month of
Jan 2021 and that it is accurate to the best of my ability.

Tim Brewster

2-9-2021

Operator

Date

Edmonson Co Water District

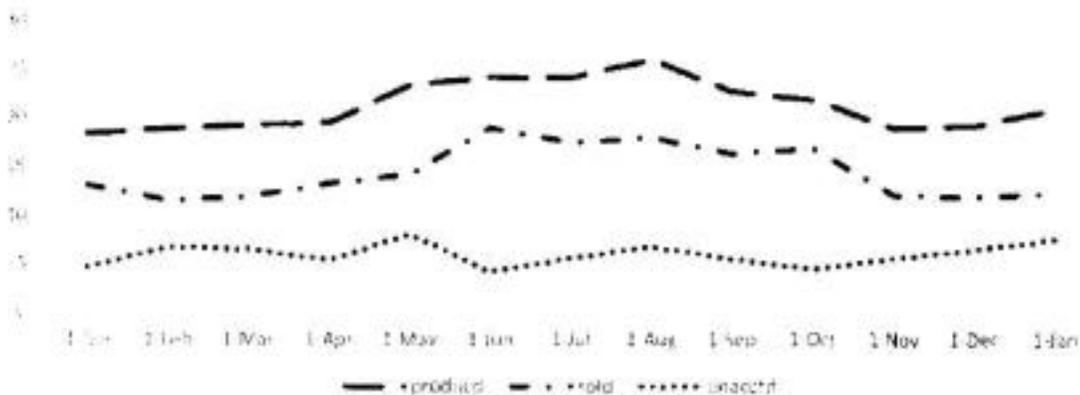
Monthly Water Loss Report

Jan-22		Wax	WTP
		Jan-21	Totals
A:	Produced	20.038 MG	17.390 MG
	Purchased	_____ MG	_____ MG
	Total	20.038 MG	17.390 MG
Sold	<i>Residential</i>	12.316 MG	13.6250 MG
	<i>Wholesale</i>	_____ MG	_____ MG
		_____ MG	_____ MG
	Total Sold	12.316 MG	13.625 MG
B:	Difference	7.722 MG	3.765 MG
	% Difference	38.54%	21.85%
Gallons Acctd For:			
	Breaks	_____ MG	_____ MG
	Hyd. Flushing	_____ MG	_____ MG
	Tank Overflow	_____ MG	_____ MG
	Plant Use	0.998 MG	0.646 MG
	Fire Dept Use	_____ MG	_____ MG
	Adjustments +/-	_____ MG	_____ MG
	Other	_____ MG	_____ MG
C:	Total Gallons Acctd For:	0.998 MG	0.646 MG
	Loss Unacctd for Water (B-C)	6.724 MG	3.765 MG
	% Loss Unacctd for (B-C)/A	33.56%	21%
	Gallons / Day (+/-)	216.899	121450
	Gallons / Minute (+/-)	151	65

YTD Budget: _____ % Used | Past YTD: _____

AVG YTD Loss:

13 month loss report



**MONTHLY INSPECTION & REPORT FORM
BROWNSVILLE TREATMENT PLANT**

Jan-22

Gallons Pumped	<u>20,038</u>
Gallons Sold	<u>12,316</u>
Gallons Lost	<u>6,724</u>
Percentage Loss	<u>33.56%</u>
GPM Loss	<u>151</u>

Maximum Pumped	<u>805,200</u>
Minimum Pumped	<u>485,900</u>
Average Pumped	<u>646,390</u>

Gallons Accounted for	
Tank Overflow	<u>0</u>
Plant Use	<u>0.998</u>
Computer Adj.	<u>0</u>
Other	<u>0</u>
Total	<u>0.998</u>

Booster Station Conditions

_____	Poor	_____	Fair	<u> y </u>	Good	_____	Excellent	
Building & Grounds	_____	Poor	_____	Fair	<u> y </u>	Good	_____	Excellent
Electrical & Telemetry	_____	Poor	_____	Fair	<u> y </u>	Good	_____	Excellent
Piping and valves	_____	Poor	_____	Fair	<u> y </u>	Good	_____	Excellent
Pumps	_____	Poor	_____	Fair	<u> y </u>	Good	_____	Excellent

Tanks Conditions

_____	Poor	_____	Fair	<u> y </u>	Good	_____	Excellent
-------	------	-------	------	--------------	------	-------	-----------

Site Condition

_____	Poor	_____	Fair	<u> y </u>	Good	_____	Excellent
Evidence of overflow	_____	Yes	_____	No			

Treatment Plant Appearance

_____	Poor	_____	Fair	<u> y </u>	Good	_____	Excellent	
Buildings	_____	Poor	_____	Fair	<u> y </u>	Good	_____	Excellent
Grounds	_____	Poor	_____	Fair	<u> y </u>	Good	_____	Excellent
Intake	_____	Poor	_____	Fair	<u> y </u>	Good	_____	Excellent
Road & entrance	_____	Poor	_____	Fair	<u> y </u>	Good	_____	Excellent

Testing Done as required	<u> y </u>	Everyday	_____	Almost every day	_____	Some	_____	Never
Housekeeping as required	<u> y </u>	Yes	_____	No				
Mowing as required	<u> y </u>	Yes	_____	No				
Proper reports filed out	<u> y </u>	Yes	_____	No	_____	Sometimes		

Equipment, pumps and etc. properly maintained	<u> y </u>	Accord. to maintenance man.	_____	Sometimes
		Never		

Operator overseeing treatment	_____	Was available while on duty	<u> y </u>	Was away from plant occasionally
	_____	Was away from plant more than needed		

Comments

With this report I certify that I have personally inspected the operation and maintenance for the month of Jan-22 and that it is accurate to the best of my ability.

chris graham 2-8-2022

Operator

Date

MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

Jan-22

<u>10395</u> payments received in office for the the month		
<u>2348</u> received from by mail		<u>22.59%</u> paid by mail
<u>210</u> received by walk in		<u>2.02%</u> paid by walk in
<u>26</u> received by credit card		<u>0.25%</u> paid by credit card
<u>2500</u> received from bankdraft		<u>24.05%</u> paid by bankdraft
<u>989</u> received from drive thru		<u>9.51%</u> paid by drive thru
<u>4032</u> received from online		<u>38.79%</u> paid online
<u>290</u> received from n.d		<u>2.79%</u> paid by n.d.
<u>47</u> was the most customers walk in payments received		<u>1/19/2022</u>
<u>51.00</u> Membership Fees Collected	<u>25.00</u> Reconnect Fees Collected	
<u>11</u> Tap Fees Collected	<u>0</u> Return Check Fees Collected	
<u>11,107</u> Customer	<u>31,154,000</u> Total Gallons Sold	<u>\$ 308,301.60</u> \$ Amount
<u>2,761,100</u> Gals-City	<u>\$ 8,559.41</u> \$ Amount	<u>\$ 132,509.27</u> Online Amount
<u>1321</u> Phone Calls Logged	<u>246</u> Work Orders Prepared	
Routes 1-10 Delinquent Notices mailed	<u>449</u>	
<u>34</u> Customers Disconnected		<u>\$ 0.99</u>
<u>9</u> Rehung same day		Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	<u>385</u>	
<u>0</u> Customers Disconnected		
<u>0</u> Rehung same day		

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

Jan-22

<u>56</u> Customers		<u>Revenue Received</u>
<u>324,000</u> Gallons Treated	<u>\$ 2,400.00</u> Cost	
<u>2400</u> Gallons Treated	<u>10.18</u> Cost	<u>\$ 2,410.18</u>
<u>0</u> Customers Disconnected		

Comments:

Eucawolf
SIGNATURE

2/9/22
DATE

February 22nd, 2022

ECWD

Present: Jimmy Mills, Barry Rich, N.E. Reed, Tom Goff, Judge Cannon, Ryan Mosier, Tony Sanders, Jeff Basham, Erica Wolfe, Dylan Hazelwood, Latisha Elmore

Minutes:

Motion made by N.E. Reed to dispense the reading of the minutes, second by Barry Rich. Motion carried.

Audit Report/Ryan Mosier:

Ryan reported that ECWD received a good opinion, which is the best you can get. Inventory was up for the year due to the meters. Total assets also increased, and long-term liabilities are down due to payments on our bonds. Our net position for the end of 2021 was \$21,189,402. Operating revenue is up for the year due to the rate increase. Operating revenues for the current year should be even higher due to a full year with the rate increase. Ryan reports all our cash is covered by FDIC which is good. Ryan reviewed pages 16 and 17 of the audit which listed the break down of our bonds.

Motion made by N.E. Reed to accept the audit, second by Barry Rich. Motion carried.

Check Approval:

Motion made by Barry Rich and second by N.E. Reed to approve the checks for January.

Hart Co:

Tony reported he met with the Governor and was given a check for \$202,733. We will utilize that money to do at least one road in Hart County. It doesn't seem like we will be receiving any additional funds from Hart Co to complete the whole project.

Edmonson County Fiscal Court:

Judge Cannon reported that he and Tony requested the funds for the water project. Judge Cannon requested \$650,000 for the water project, which was the originally requested amount. There will be a special meeting through Fiscal Court on February 28th to discuss the use of the ARPA money.

Bid Opening for Trucks

We received no bids at the bid opening during the last board meeting. Dylan has been looking at trucks on lots. The trucks are around \$27,000-\$30,000 the Board would need to make a motion or declare an emergency to purchase a truck due to receiving no bids and being in immediate need.

Motion made by N.E. Reed, second by Barry Rich to forgo purchasing procedures and go ahead and purchase a truck for under \$30,000 due to having an immediate need.

Bid Opening for Distribution:

When Dylan opened the bid for 13 items (meter boxes, setting parts, etc.) the quote came in at \$28,987. Motion made by N.E. Reed and second by Barry Rich to proceed with the purchase of materials.

Refinance:

Tony reports that Kristen Milard is no longer recommending that we proceed with the refinance. The savings would be under \$200,000 before fees. She advised to hold off, but we will still have to proceed with the PSC orders (regarding capital improvement plan, and water loss reduction plan).

Quote for Meter Change outs:

The bid contract should require prior experience in similar areas with references. The bidder should be bonded for \$500,000. The Water District will supply all materials and the contractor will supply the equipment and the labor. The contractors will not be employees of the Water District. The bidder must supply liability insurance, workman's comp, and a W-9. Bids will be opened on March 8th at 9am.

Grayson Co/Hwy 185:

Tony reports we have all the signatures but one so we are ready to go to the PSC for approval. Tom requested the affidavits be emailed to him. Tony will be working on a cost justification to also send to Tom.

Applicants for Distribution Crew:

We have received two applications for the distribution crew. The board decided to amend the employment requirements to lift the GED/high school diploma requirement on a case-by-case basis if an applicant does not meet current employment criteria the applicant can have further review by the Board.

Motion made by N.E. Reed to authorize Tony to make an exception to the employment policy and give him authority to interview [REDACTED] for employment purposes and to hire [REDACTED] if Tony so chooses. Second by Barry Rich. Motion Carried.

Contract for CDL:

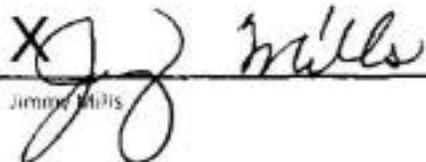
Tom reworded the contract and cleaned up the language. The employee will be responsible for cost if terminated for cause. Motion made by N.E. Reed to accept the contract, second by Barry Rich. Motion carried.

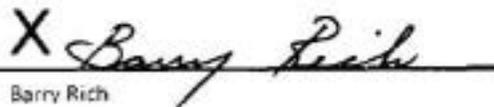
Dump Truck:

Dylan reported on the status of the dump truck. It is in need of repair, Dylan reported that it will likely have to be towed back to Bowling Green to be worked on. Right now, there are no dump trucks available at surplus property.

Adjourn:

Motion made by N.E. Reed to adjourn, second by Barry Rich. Meeting adjourned.

X  Mills
Jimmy Mills

X  Barry Rich
Barry Rich

X

N.E. Reed

March 8th, 2022

ECWD

Present: Jimmy Mills, Barry Rich, Tony Sanders, Jeff Basham, Erica Wolfe, Dylan Hazelwood, Tom Goff, Josh Duvall, Bo Vincent.

Minutes:

Motion made by Barry Rich to dispense the reading of the minutes, second by Jimmy Mills.

Financial Report:

Retail sales are up approximately \$103,000 for two months, averaging around \$50,000 per month. Wholesale sales are up as well as penalties. Coverage is really good right now but we have not received any of the larger invoices for meters or materials and supplies yet. Next month we are likely to be over budget due to receiving those large invoices. Tony reported that he and Dylan called about half the dealerships in Kentucky trying to find a truck under \$30,000. They finally found a Chevy Colorado two-wheel drive, blue, four door in Somerset KY. Brownsville is over budget on salaries, Wax is under budget but over budget on chemicals. The chart recorder has gone out and a new one has been ordered. Transportation expenses are up due to the cost of fuel.

Insurance Advisor:

Tony mentioned that insurance bids would need to go out in May and that the board had mentioned getting consultation on that last year. Tony asked Tom if a bid would be required or if that would be considered a professional service. Tom stated the he believed it would be considered a professional service and did not believe that a bid would be required. Tony will look into this for further discussion at a later date.

Grayson Co:

Tom stated that he has received the easements but he has not drawn up the paperwork yet. PSC will have to approve it once the paperwork is drawn up. The loan that project was on has been refinanced we should be required to notify KRWA of the sell due to it being such a small amount.

Check Approval:

Check reports were given for approval at the next meeting.

Onsolve Bill:

We received the bill for our code red services it was for \$8,200. The cost has not increased this year. Tony reported that it is one of the only options to get our customers notified. Motion made by Barry Rich to pay bill and continue code red services second by Jimmy Mills. Motion carried.

Wax Plant:

Tony reported he went looking for property last week near Wax Plant. Tony stated that we would have to get PSC approval and appraisal if we were going to buy the property outright. There is one owner that may be willing to sell for the right price and there is another potential option but Tony reported he hasn't spoke to them yet. Tony reported that there is a channel with water that is 10-12/13 feet deep. Tony spoke with Lewis, but Lewis said he would need historical data to see how it has held through the years. Tony reported he contacted Corps of Engineers to try and obtain some historical data.

Water Loss Reduction:

A representative with KRWA met with Tony and then also met with Dylan one on one. He will be back on Monday to help work out a water loss reduction plan. The reports are due by the end of May. The guys have put in a huge effort to find leaks at Wax.

Bid Opening for Meter Change Outs:

Vanguard Solutions LLC \$35/meter includes everything no stipulations

References included from other water districts, can start immediately

Bo Vincent- BLT- \$36/meter includes everything no stipulations

Experienced in working with local utility system, references provided, can start immediately.

Both contractors will provide bond insurance, worker's comp, liability insurance, and a W-9.

Timmy Vincent entered meeting, stated that if Bo Vincent got the bid, he would be working for him. Timmy is knowledgeable and experienced in our specific system and he would be helpful in locating the meters.

Josh Duvall with Vanguard provides assistance with our mapping system and worked for Leitchfield utilities for 15 years.

New Employee:

Tony contacted [REDACTED] regarding potential employment. He said that he had gotten a raise and was no longer interested in a position. The other applicant did not return Tony's call. Tony reported that [REDACTED] spoke with him and he may be leaving at the end of the month. Tony also reported that

[REDACTED] could also be leaving at any time. It has been difficult to get additional workers hired for [REDACTED]. It was suggested that Tony obtain pay scales from other water companies in surrounding counties to see how our pay compares with theirs.

CDL:

[REDACTED] has started classes, he will be there for four weeks.

Dump Truck:

Dylan reported that he has not spoke with Larco about getting the dump truck repaired again. He did speak with someone at the state surplus, who reported they did not have anything and to wait about a month before checking back in.

ARPA Funds:

Judge Cannon requested \$650,000 in ARPA funds from Edmonson County Fiscal Court for the water project. Tony reported that we are not sure at this time if that money will be received or not. Fiscal court is still working out how to allocate funds. Hart County Fiscal court does not want to use their funds for a water project at this time. With the funds received from the cleaner water fund we should be able to do Cub Run Holler Rd. Tony reported that he was going to speak with Grayson County Fiscal Court to see if they are willing to allocate any of their ARPA funds to a water project. Tony is going to request \$120,000.

Meter Change Out:

N.E. Reed was consulted via phone, he stated that he would support whatever decision the other board members made.

Motion made by Barry Rich to go with the low bid Vanguard, Josh Duvall, second by Jimmy Mills. Motion carried.

Adjourn:

Motion made by Barry Rich to adjourn, second by Jimmy Mills. Meeting adjourned.

X *Watts*
Jimmy Mills

X *Barry Rich*
Barry Rich

X *N.E. Reed*
N.E. Reed

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:

Edmonson County Water District

For the Month of:

FEBRUARY

Year:

2022

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	52,490,000
3	Water Purchased	
4	TOTAL PRODUCED AND PURCHASED	52,490,000
5		
6	WATER SALES	
7	Residential	30,753,100
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	2,832,200
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	33,385,300
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	1,302,400
18	Wastewater Plant	
19	System Flushing	852,100
20	Fire Department	22,750
21	Other Usage (explain) PUMPS	475,000
22	TOTAL OTHER WATER USED	2,652,250
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	2,282,200
27	Line Leaks	14,170,250
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	16,452,450
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	31.34%

MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS:

TOTAL GALLONS PUMPED	52,490,000	GALLONS FLUSHED	852,100
TOTAL GALLONS SOLD	33,385,300	NUMBER OF LEAKS	14
TOTAL GALLON LOSS	19,104,700	ESTIMATED GALLONS	2,282,200
PERCENTAGE LOSS	36%	RIVER HILL PUMPS	425,000
GALLONS ACCOUNTED FOR	3,632,050	TANK OVERFLOW	22,750
GALLONS UNACCOUNTED FOR	15,472,650	OTHER F-Dept.	
	29%		

VEHICLE MAINTAINANCE:

ACCORDING TO MAINTAINANCE MANUAL
 SOMETIMES
 NEVER

EQUIPMENT MAINTAINANCE:

ACCORDING TO MAINTAINANCE MANUAL
 SOMETIMES
 NEVER

MOWING DONE AS REQUIRED:

YES NO PARTLY

SYSTEM APPEARANCE:

LINES	<input type="checkbox"/>	POOR	<input checked="" type="checkbox"/>	FAIR	<input type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
PRESSURE STATION	<input type="checkbox"/>	POOR	<input checked="" type="checkbox"/>	FAIR	<input type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
TANK SITE	<input type="checkbox"/>	POOR	<input type="checkbox"/>	FAIR	<input checked="" type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
BOOSTER STATION	<input type="checkbox"/>	POOR	<input type="checkbox"/>	FAIR	<input checked="" type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
STORAGE YARD & LOT	<input type="checkbox"/>	POOR	<input type="checkbox"/>	FAIR	<input checked="" type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
MAINTAINANCE	<input type="checkbox"/>	POOR	<input type="checkbox"/>	FAIR	<input checked="" type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
OFFICE GROUNDS	<input type="checkbox"/>	POOR	<input type="checkbox"/>	FAIR	<input checked="" type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
VALVES	<input type="checkbox"/>	POOR	<input checked="" type="checkbox"/>	FAIR	<input type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
METERS	<input checked="" type="checkbox"/>	POOR	<input type="checkbox"/>	FAIR	<input type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT

TESTING DONE AS REQUIRED:

EVERY DAY ALMOST EVERY DAY
 SOME NEVER

PROPER REPORTS FILLED OUT:

YES NO

TOOL INVENTORY:

CHECKED & BALANCED CHECKED & SOME GONE
 NOT CHECKED

MATERIAL INVENTORY:

CHECKED & BALANCED CHECKED & SOME GONE
 NOT CHECKED

COMMENTS:

Trying to locate leaks as fast as possible Tim Blanton
 With rural water has come to help us look. While also trying to stay
 caught up on meter installs, work orders and locates.

2.105 - Pro.

3.352 - Solis

WITH THIS REPORT I CERTIFY THAT I HAVE INSPECTED THE OPERATION AND MAINTAINANCE FOR THE MONTH OF

February

Dyl Haysbrook

OPERATOR

3-21-22

DATE

Edmonson Co Water District

Monthly Water Loss Report

Feb 2022

Brownsville WTP

February-21 Totals

A:	Produced	34.839 MG		33.399 MG
	Purchased	MG		MG
	Total	34.839 MG		33.399 MG
	Sold			
	<i>Residential</i>	17.9531 MG		16.1274 MG
	<i>Wholesale</i>	2.6322 MG		2.635 MG
	<i>Wax WTP</i>	0.4320 MG		MG
	Total Sold	21.0173 MG		18.763 MG
B:	Difference	13.8217 MG		14.636 MG
	% Difference	39.67%		43.82%
	Gallons Acctd For:			
	<i>Breaks</i>	MG		MG
	<i>Hyd. Flushing</i>	MG		MG
	<i>Tank Overflow</i>	MG		MG
	<i>Plant Use</i>	0.4634 MG		0.4832 MG
	<i>Fire Dept Use</i>	MG		MG
	<i>Adjustments +/-</i>	MG		MG
	<i>Other (Wax)</i>	MG		MG
C:	Total Gallons Acctd	0.463 MG		0.483 MG
	Loss Unacctd for Wa	13.358 MG		14.153 MG
	% Loss Unacctd for	38.34%		42.38%
	Gallons / Day (+/-)	418,321		505,464
	Gallons / Minute (+/-)	291		351

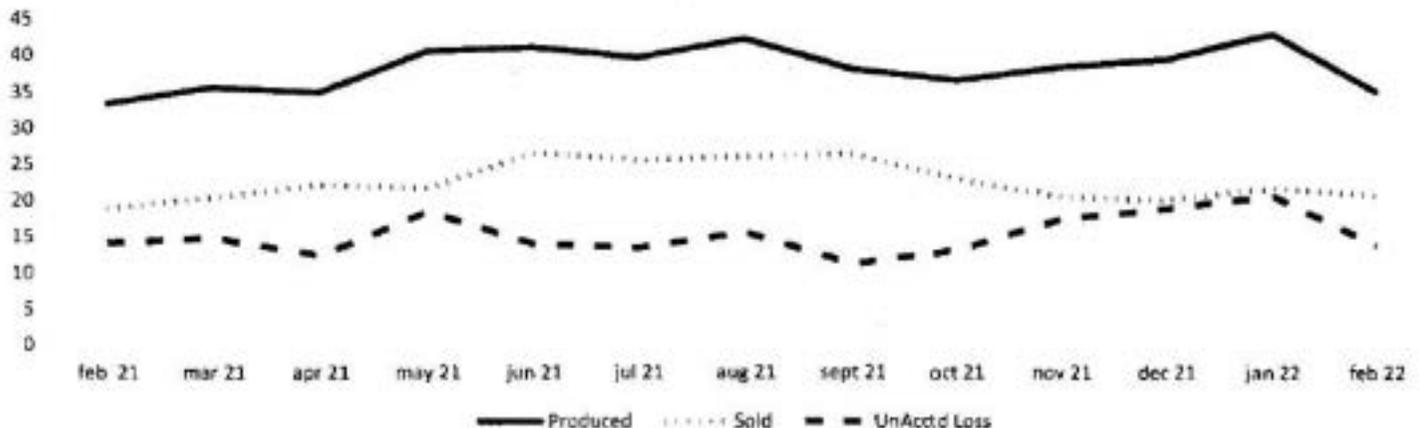
YTD Budget: 32.73% under 11.2 % Used

38.42%

Past YTD Avg Loss:

AVG YTD Loss: **41.88%**

13 Mth Loss Rpt Brownsville WTP



**MONTHLY INSPECTION & REPORT FORM
BROWNSVILLE TREATMENT PLANT**

Gallons Pumped	<u>34.839</u>
Gallons Sold	<u>21.017</u>
Gallons Lost	<u>13.358</u>
Percentage Loss	<u>38.34%</u>
GPM Loss	<u>291</u>

Maximum Pumped	<u>1.8950</u>
Minimum Pumped	<u>0.8920</u>
Average Pumped	<u>1.1230</u>

Gallons Accounted for:	
Tank Overflow	<u>0.000</u>
Plant Use	<u>0.463</u>
Computer Adj.	<u>0.000</u>
Other	<u>0.000</u>
Total	<u>0.463</u>

Booster Station Conditions

_____	Poor	_____	Fair	_____	Good	_____	Excellent	
<i>Building & Grounds</i>	_____	Poor	_____	Fair	_____	Good	_____	Excellent
<i>Electrical & Telemetry</i>	_____	Poor	_____	Fair	_____	Good	_____	Excellent
<i>Piping and valves</i>	_____	Poor	_____	Fair	_____	Good	_____	Excellent
<i>Pumps</i>	_____	Poor	_____	Fair	_____	Good	_____	Excellent

Tanks Conditions

_____	Poor	_____	Fair	_____	Good	_____	Excellent
-------	------	-------	------	-------	------	-------	-----------

Site Condition

_____	Poor	_____	Fair	_____	Good	_____	Excellent
<i>Evidence of overflow</i>	_____	Yes	_____	No			

Treatment Plant Appearance

_____	Poor	_____	Fair	<u>x</u>	Good	_____	Excellent	
<i>Buildings</i>	_____	Poor	_____	Fair	<u>x</u>	Good	_____	Excellent
<i>Grounds</i>	_____	Poor	_____	Fair	<u>x</u>	Good	_____	Excellent
<i>Intake</i>	_____	Poor	_____	Fair	<u>x</u>	Good	_____	Excellent
<i>Road & entrance</i>	_____	Poor	_____	Fair	<u>x</u>	Good	_____	Excellent

<i>Testing Done as required</i>	<u>x</u>	Everyday	_____	Almost every day	_____	Some	_____	Never
<i>Housekeeping as required</i>	<u>x</u>	Yes	_____	No				
<i>Mowing as required</i>	_____	Yes	_____	No				
<i>Proper reports filled out</i>	<u>x</u>	Yes	_____	No	_____	Sometimes		

<i>Equipment, pumps and etc. properly maintained</i>	_____	<u>x</u>	Accord. to maintenance man.	_____	Sometimes
		_____	Never		

<i>Operator overseeing treatment</i>	<u>x</u>	Was available while on duty	<u>x</u>	Was away from plant occasionally
	_____	Was away from plant more than needed		

Comments:

With this report I certify that I have personally inspected the operation and maintenance for the month of
Feb 2022 and that it is accurate to the best of my knowledge.

Tim Brewster

Operator

3/8/2022

Date

Edmonson Co Water District

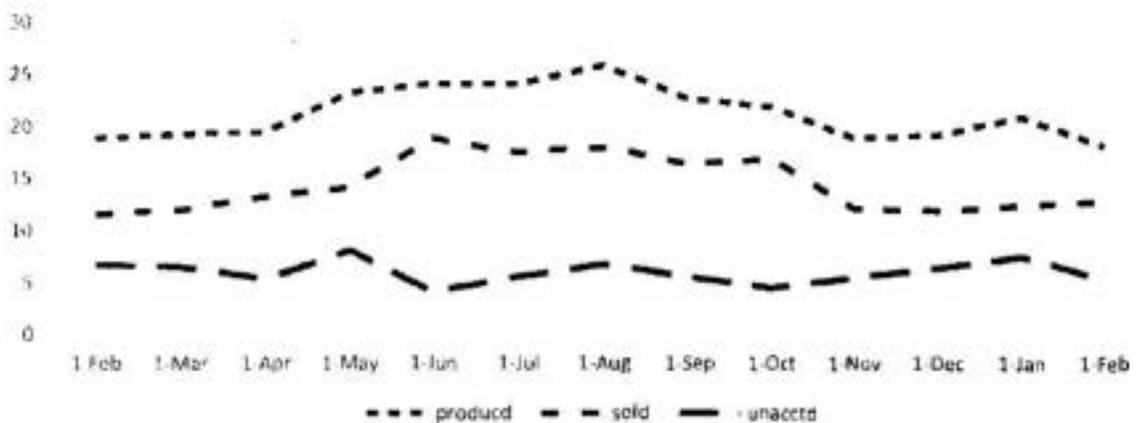
Monthly Water Loss Report

Feb-22		Wax	WTP
		Feb-21	Totals
A:	Produced	17.651 MG	18.902 MG
	Purchased	0.432 MG	MG
	Total	18.083 MG	18.902 MG
Sold	<i>Residential</i>	12.800 MG	11.5500 MG
	<i>Wholesale</i>	MG	MG
	Total Sold	12.800 MG	11.550 MG
B:	Difference	5.283 MG	7.352 MG
	% Difference	29.22%	38.90%
Gallons Acctd For:			
	<i>Breaks</i>	0.000 MG	MG
	<i>Hyd. Flushing</i>	0.000 MG	MG
	<i>Tank Overflow</i>	0.000 MG	MG
	<i>Plant Use</i>	0.839 MG	0.630 MG
	<i>Fire Dept Use</i>	0.000 MG	MG
	<i>Adjustments +/-</i>	0.000 MG	MG
	<i>Other</i>	0.000 MG	MG
C:	Total Gallons Acctd For:	0.839 MG	0.630 MG
	Loss Unacctd for Water (B-C)	4.445 MG	6.722 MG
	% Loss Unacctd for (B-C)/A	24.58%	35.56%
	Gallons / Day (+/-)	158,732	224,067
	Gallons / Minute (+/-)	110	156

YTD Budget: _____ % Used || Past YTD: _____

AVG YTD Loss:

13mth loss report wax



MONTHLY INSPECTION & REPORT FORM

wax treatment plant

Feb-22

Gallons Pumped	18,083
Gallons Sold	12,800
Gallons Lost	4,445
Percentage Loss	24.58%
GPM Loss	110

Maximum Pumped	871,100
Minimum Pumped	475,200
Average Pumped	630,393

Gallons Accounted for	
Tank Overflow	0
Plant Use	0.839
Computer Adj.	0
Other	0
Total	0.839

Booster Station Conditions

Building & Grounds	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
Electrical & Telemetry	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
Piping and valves	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
Pumps	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent

Tanks Conditions

<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
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Site Condition

<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
-------------------------------	-------------------------------	--	------------------------------------

Evidence of overflow Yes No

Treatment Plant Appearance

Buildings	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
Grounds	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
Intake	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
Road & entrance	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent

Testing Done as required Everyday Almost every day Some Never

Housekeeping as required Yes No

Mowing as required Yes No

Proper reports filled out Yes No Sometimes

Equipment, pumps and etc. properly maintained Accord. to maintenance man. Sometimes
 Never

Operator overseeing treatment Was available while on duty Was away from plant occasionally
 Was away from plant more than needed

Comments

With this report I certify that I have personally inspected the operation and maintenance for the month of Feb-22 and that it is accurate to the best of my ability.

chris graham 3-9-2022

Operator

Date

MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

Feb-22

<u>9425</u> payments received in office for the the month	
<u>1834</u> received from by mail	<u>19.46%</u> paid by mail
<u>157</u> received by walk in	<u>1.67%</u> paid by walk in
<u>43</u> received by credit card	<u>0.46%</u> paid by credit card
<u>2502</u> received from bankdraft	<u>26.55%</u> paid by bankdraft
<u>1000</u> received from drive thru	<u>10.61%</u> paid by drive thru
<u>3639</u> received from online	<u>38.61%</u> paid online
<u>250</u> received from n.d	<u>2.65%</u> paid by n.d.
<u>34</u> was the most customers walk in payments received	<u>2/18/2022</u>
<u>75.00</u> Membership Fees Collected	<u>31.00</u> Reconnect Fees Collected
<u>21</u> Tap Fees Collected	<u>0</u> Return Check Fees Collected

<u>11,118</u> Customer	<u>30,752,900</u> Total Gallons Sold	<u>\$ 307,064.23</u> \$ Amount
<u>2,632,200</u> Gals-City	<u>\$ 8,159.82</u> \$ Amount	<u>\$ 120,151.81</u> Online Amount

<u>1068</u> Phone Calls Logged	<u>290</u> Work Orders Prepared
Routes 1-10 Delinquent Notices mailed	<u>519</u>
<u>25</u> Customers Disconnected	<u>\$ 1.00</u>
<u>6</u> Rehung same day	Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	<u>268</u>
<u>16</u> Customers Disconnected	
<u>2</u> Rehung same day	

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

Feb-22

<u>56</u> Customers	<u>Revenue Received</u>
<u>324,000</u> Gallons Treated	<u>\$ 1,446.36</u> Cost
<u>2400</u> Gallons Treated	<u>10.18</u> Cost
<u>0</u> Customers Disconnected	<u>\$ 1,456.54</u>

Comments:

Quinn Wolf
 SIGNATURE

3/3/22
 DATE

March 22nd, 2022

ECWD

Present Jimmy Mills, Barry Rich, N.E. Reed, Tom Goff, Tony Sanders, Jeff Basham, Dylan Hazelwood, Erica Wolfe

Minutes:

Motion made by Barry Rich to dispense the reading of the minutes, second by N.E. Reed Motion carried.

Motion made by Barry Rich for N.E. Reed to be the chairman of this meeting second by N.E.

O&M Report:

Water loss is down a little due to a 28-day pumping cycle. Total water loss for February was 31%. A representative from KRWA has been here assisting the guys looking for leaks and creating a water loss reduction plan. There may be a leak on Hwy 88 right at Wax Plant. Office has been preparing work orders ahead for the meter change out. The contractor got a bond through the end of the year. The three man crew started changing out meters last Wednesday.

Wax Plant:

Tony reported that he spoke with some people about purchasing property for a new plant. The property owners are in a hurry to find out the price we are offering. They plan on building on the property if they don't sell it to us. Lewis said we would need to get an appraisal of the property. Without an appraisal we would probably not be able to recoup funds from the purchase. The property is also in Poplar Ridge Subdivision. Our current site is in Grayson County the new plant would be located in Hart County. Tony reported that he and Jeff found a potential spot of water, and that the levels look relatively unchanged since 1985. Tom said we may be able to get the plats amended and excluded from the subdivision. We will also need PSC approval. Tony reports that he has been in continued communication with the Corps of Engineers. When they call for projects, we will need to get this project into Kentucky Infrastructure as soon as possible. Board suggests to proceed with appraisals. Motion made by N.E. Reed and second by Barry Rich to proceed and get appraisals for the 19-acre lot. Motion carried. Tony will try and get a copy of the deed for Tom.

Cleaner Water Fund:

Tony reported that he spoke with Roger Rectenwall and although there is no deadline for the paperwork, he advises getting it in as soon as possible. We are waiting to hear about ARPA funds from Edmonson and Grayson County Fiscal Court. Tony reported that we will need a project administrator. He spoke with Melissa Melton who did it in the past. We can get an administrator from the Ad District or RCAP. Tony recommends getting an outside administrator. Motion made by Barry Rich to obtain a project administrator after Tony receives additional information second by N.E. Reed.

ARPA Funds:

No decision has been made by Edmonson County Fiscal Court. Tony reported he will need a decision by May because the Water Counsel meets in June.

██████████:

██████████ not want to bid out the construction on the subdivision, he typically does the construction himself. Tony reports that he thinks that bidding is our only option. The developer is reimbursed 50 feet of cost for every meter set. Bidding is what we have always done. Tom reported that he didn't see any way around it. Tom reports that he doesn't see any way around the bidding process. If the developer wants to do it at no cost, then he can bid it that way.

██████████ New Subdivision:

██████████ is developing a new subdivision off Noah Bledsoe; it needs to be decided if it will a 4 inch or 6-inch line. We may need to do a cost difference. Lewis has already run hydraulics.

Insurance Consultation:

Tony contacted Tommy Adams at Charles Moore Insurance regarding insurance consultation. They charge \$8,500 to evaluate existing coverage and find any potential gaps. He would also prepare bid request and analyze all bid proposals.

Motion made to approve \$8,500 for insurance consultation by N.E. Reed second by Barry Rich. Motion carried.

Pay Scale:

Tony provided a copy of Grayson County Water's pay scale and Glasgow Water's pay scale. He contacted Green River Valley about getting a copy but they are in the process of changing theirs. Tony also contacted Warren County Water but they said they did not give that information out. The board discussed the idea of changing our pay scale. They would like to see a potential pay scales where all

employee's get \$2 and \$2.50 across the board. The board members would also like to see the CDL license added to the pay scale as well. The possibility of reducing the number of steps to help employee's top out faster was also mentioned. We have had difficulty obtain N.E. Reed stated that he would like the distribution crew to start out at \$17.02.

██████████:

██████████ is requesting to work a 30-hour work week. He reports that he would be able to stay and finish out the rest of the year if this would be allowed. This request will be put on the agenda for a special meeting

Special Meeting:

Motion made to call for a Special Meeting to be held on Monday March 28th at 8:30am to review salaries and potential part time/ full time employee made by N.E. Reed second by Barry Rich.

Adjourn:

Motion made to adjourn by N.E. Reed, second by Barry Rich. Meeting adjourned.

X

Jimmy Mills

X

Barry Rich

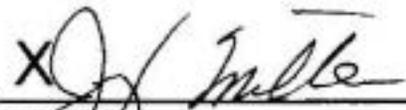
X

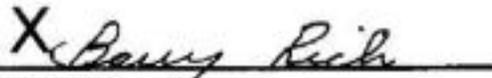
N.E. Reed

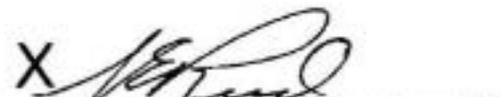
March 8, 2022

We have reviewed and approved the transactions for the month of February 2022 for the following accounts. The documents that have been reviewed are attached.

- Water Operation & Maintenance (Account ID: 13400)
- Membership Fee Fund (Account ID: 13200)
- Health Insurance Deduction Reserve (Account ID: 13530)
- Debit Card Account (Account ID: 13410)
- Sewer Operation & Maintenance (Sewer Account ID: 13400)

X 
Jimmy Mills

X 
Barry Rich

X 
N I Reed

March 28th, 2022

ECWD

Special Meeting

Present: Jimmy Mills, Barry Rich, N.E. Reed, Tom Goff, Tony Sanders, Jeff Basham, Dylan Hazelwood, Erica Wolfe

Tony presented the board with 6 different pay scale options 16 step at a \$2 and \$2.50 increase, 14 step at a \$2 and a \$2.50 increase, and 12 step at a \$2 and \$2.50 increase. Each spreadsheet has the bottom-line budget increase at the bottom.

Board met with Tony Sanders, Erica Wolfe, Dylan Hazelwood, and Jeff Basham separately

Motion made to approve the resolution for [REDACTED] to work 30 hours per week by N.E. Reed second by Barry Rich. Resolution 2022-01.

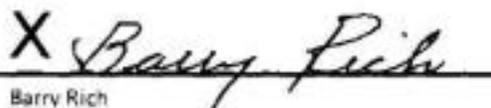
Motion made for an hourly pay increase for supervisors \$3.00 per hour across the board and non-supervisory employees \$2 across the board. General Manager will adjust the pay scale accordingly. Motion made by N.E. Reed second by Barry Rich

Motion made to increase the General Manager's pay to \$37.02 per hour. Motion made by Barry Rich second by N.E. Reed.

Adjourn:

Motion made to adjourn the meeting by N.E. Reed second by Barry Rich. Meeting adjourned.

X 
Jimmy Mills

X 
Barry Rich

X 
N.E. Reed

**EDMONSON COUNTY WATER DISTRICT
EDMONSON COUNTY, KENTUCKY**

RESOLUTION

WHEREAS, the Edmonson County Water District has a policy in which its water distribution employees work from 7:30 a.m. cst to 4:30 p.m. cst Monday through Friday.

WHEREAS, Timmy Vincent has been and is currently employed with the Edmonson County Water District working in the water distribution of the district.

WHEREAS, Timmy Vincent has worked several years for the Edmonson County Water District and has acquired a vast amount of knowledge in the area of water distribution.

WHEREAS, the knowledge and expertise of Timmy Vincent has made him an invaluable part, of the water distribution for the Edmonson County Water District.

WHEREAS, Timmy Vincent is in a position where he is only capable of working thirty (30) hours a week for Edmonson County Water District.

NOW THEREFORE, BE IT RESOLVED, by that the Edmonson County Water District, that Timmy Vincent may be employed by the Edmonson County Water District for thirty (30) hours per week.

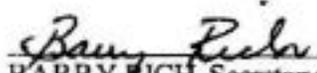
BE IT FURTHER RESOLVED, that the hours that Timmy Vincent shall be employed shall be set by the manager of Edmonson County Water District, Tony Sanders.

DULY MADE AND ADOPTED on this the 28th day of March, 2022, by the Edmonson County Water District.



JIMMY MILLS, Chairman
Edmonson County Water District

ATTESTED BY:



BARRY RICH, Secretary
Edmonson County Water District

**EDMONSON COUNTY WATER DISTRICT
EDMONSON COUNTY, KENTUCKY**

RESOLUTION

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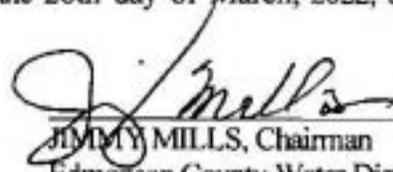
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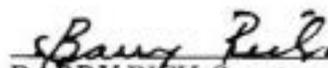
BE IT FURTHER RESOLVED, that the hours that Timmy Vincent shall be employed shall be set by the manager of Edmonson County Water District, Tony Sanders.

DULY MADE AND ADOPTED on this the 28th day of March, 2022, by the Edmonson County Water District.



JIMMY MILLS, Chairman
Edmonson County Water District

ATTESTED BY:



BARRY RICH, Secretary
Edmonson County Water District

April 12th, 2022

ECWD

Present: Jimmy Mills, Barry Rich, N.E. Reed, Tom Goff, Wil Cannon, Tony Sanders, Jeff Basham, Erica Wolfe

Minutes:

Motion made by N.E. Reed to dispense the reading of the minutes, second by Barry Rich. Motion carried.

Check Approval:

Motion made by N.E. Reed to approve the checks from Feb 2022, second by Barry Rich. Motion carried.

Special Meeting Minutes:

Motion made by Barry Rich to dispense the reading of the minutes from the special meeting, second by N.E. Reed. Motion carried.

Financial Report:

Penalties are up for the year. Water sales are up a little bit but the main reason for the revenue increase is the water rate increase. Right now, we are up \$150,000 in revenue for the year. Bond coverage is currently down because we bought over \$100,000 in meters and also had larger inventory and chemical purchases. Although another budget amendment will be required to cover salaries as of now we are holding good on our overall budget.

Budget Amendment:

Tony requested moving \$315,000 from carryover to our contractual services budget for the meter change out. Motion made by N.E. Reed to approve budget amendment, second by Barry Rich. Motion carried.

Overtime:

issues with the treatment plants and excess overtime was mentioned. Tony reported that he will meet with the plants on Wednesday to discuss further and to see if some overtime can be avoided.

████████████████████
Core & Main was the lowest bid that bid all parts. There was a lower bid but that provider could not get all the parts needed. Construction has not been bid yet. ██████████ was contacted via phone. ██████████ requested the option to buy the materials himself at a lower cost. He was advised that due to the reimbursement we would be required to follow the bidding process. Tony reported that he emailed the bid information to ██████████ last week ██████████ requested that he resend the bid information. Tom advised everyone that we have to follow the strict bidding process due to ██████████ getting reimbursed. ██████████ also requested that he be able to do the construction. He was told that would have to be bid as well due to the same reasons. He was told that he could bid the work himself.

Cleaner Water Money/ARPA:

We received \$650,000 from Edmonson County Fiscal Court. We will get the paperwork into the Ad ^{ADD} District. We may have to take off Ashley Rd off. The board would like to decide after we bid whether or not we should scale back the project. Tony reports that Grayson County Judge Executive believes that their Fiscal Court will also be willing to contribute some of their ARPA funds.

Ear Mark Grant:

Sent in paperwork for a grant to paint five tanks and to put water lines out a road in Grayson County and a road in Hart County. Tony was advised not to go over two million with the request so he kept the project under that dollar amount.

Appraisal:

Tony reported that he spoke with Roger Recentwall who said that a federal land appraisal will likely need to be completed for reimbursement.

Contract for Grayson Co Purchase:

Tom is working on a contract for purchase and to change the boundary lines for Edmonson County Water and Grayson.

Insurance Proposals:

The information has been sent to the insurance consultant. Bids will be opened May 24th then they will be given to Tommy for review and recommendations. The health insurance bid will also be opened before July 2022.

CCR:

Tony reported to the Board that the Consumer Confidence Report has been submitted.

Diplomat Shores:

Tony reported that there is a landslide. We don't appear to have a leak there. Tom advises to document everything thoroughly in reference to the landslide.

Check Approval:

Check report given to Board members for approval at the following meeting.

Internship:

The individual who will be interning from the military will be starting at the beginning of June.

New Employee:

██████████ was hired, he will start on Monday.

Dump Truck:

Continuing to have problems the part needed is now on back order. We will start looking into prices for a new one.

Adjourn:

Motion made by N.E. Reed to adjourn, second by Barry Rich. Meeting adjourned.

X *Jay Mills*
Jimmy Mills

X *Barry Rich*
Barry Rich

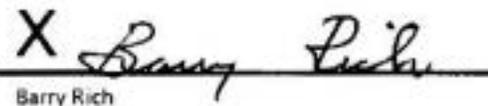
X *N.E. Reed*
N.E. Reed

April 12, 2022

We have reviewed and approved the transactions for the month of March 2022 for the following accounts. The documents that have been reviewed are attached.

- Water Operation & Maintenance (Account ID: 13400)
- Membership Fee Fund (Account ID: 13200)
- Health Insurance Deduction Reserve (Account ID: 13530)
- Debit Card Account (Account ID: 13410)
- Sewer Operation & Maintenance (Sewer Account ID: 13400)

X 
Jimmy Mills

X 
Barry Rich

X 
N.E. Reed

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:

For the Month of: Year:

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	55,461,000
3	Water Purchased	
4	TOTAL PRODUCED AND PURCHASED	55,461,000
5		
6	WATER SALES	
7	Residential	28,616,200
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	3,161,800
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	31,778,000
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	3,075,700
18	Wastewater Plant	
19	System Flushing	1,481,200
20	Fire Department	158,100
21	Other Usage (explain) PUMPS	450,000
22	TOTAL OTHER WATER USED	5,165,000
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	2,940,640
27	Line Leaks	15,577,360
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	18,518,000
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	33.39%

MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS

TOTAL GALLONS PUMPED	<u>55,461,000</u>	GALLONS FLUSHED	<u>1,481,200</u>
TOTAL GALLONS SOLD	<u>31,772,000</u>	NUMBER OF LEAKS	<u>16</u>
TOTAL GALLON LOSS	<u>23,683,000</u>	ESTIMATED GALLONS	<u>2,940,640</u>
PERCENTAGE LOSS	<u>42%</u>	RIVER HILL PUMPS	<u>450,000</u>
		TANK OVERFLOW	
GALLONS ACCOUNTED FOR	<u>5,029,940</u>	OTHER F-Dept	<u>158,100</u>
GALLONS UNACCOUNTED FOR	<u>18,653,060</u>		

VEHICLE MAINTAINANCE:

ACCORDING TO MAINTAINANCE MANUAL
 SOMETIMES
 NEVER

EQUIPMENT MAINTAINANCE:

ACCORDING TO MAINTAINANCE MANUAL
 SOMETIMES
 NEVER

MOWING DONE AS REQUIRED:

YES NO PARTLY

SYSTEM APPEARANCE:

LINES	<input type="checkbox"/> POOR	<input checked="" type="checkbox"/> FAIR	<input type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
PRESSURE STATION	<input type="checkbox"/> POOR	<input checked="" type="checkbox"/> FAIR	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
TANK SITE	<input type="checkbox"/> POOR	<input type="checkbox"/> FAIR	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
BOOSTER STATION	<input type="checkbox"/> POOR	<input type="checkbox"/> FAIR	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
STORAGE YARD & LOT	<input type="checkbox"/> POOR	<input type="checkbox"/> FAIR	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
MAINTAINANCE	<input type="checkbox"/> POOR	<input type="checkbox"/> FAIR	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
OFFICE GROUNDS	<input type="checkbox"/> POOR	<input type="checkbox"/> FAIR	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
VALVES	<input type="checkbox"/> POOR	<input checked="" type="checkbox"/> FAIR	<input type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
METERS	<input checked="" type="checkbox"/> POOR	<input type="checkbox"/> FAIR	<input type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT

TESTING DONE AS REQUIRED:

EVERY DAY ALMOST EVERY DAY
 SOME NEVER

PROPER REPORTS FILLED OUT:

YES NO

TOOL INVENTORY:

CHECKED & BALANCED CHECKED & SOME GONE
 NOT CHECKED

MATERIAL INVENTORY:

CHECKED & BALANCED CHECKED & SOME GONE
 NOT CHECKED

COMMENTS:

Trying to leak hunt as much as we can and fix leaks when we find them while trying to keep all other work caught up.

WITH THIS REPORT I CERTIFY THAT I HAVE INSPECTED THE OPERATION AND MAINTAINANCE FOR THE MONTH OF

March

Dick Hazel
OPERATOR

4-22-22
DATE

Edmonson Co Water District

Adjusted Monthly Water Loss Report

Brownsville WTP

Mar 2022

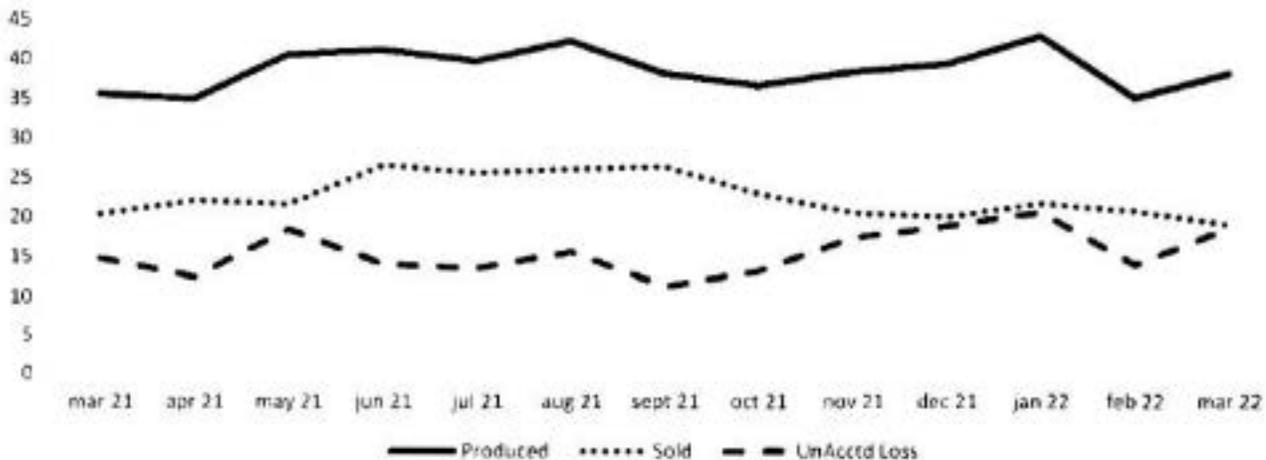
March-21

A: Produced	37.844 MG		35.622 MG
To Wax Service Area	_____ MG		_____ MG
Total	<u>37.844 MG</u>		<u>35.622 MG</u>
Sold			
<i>Residential</i>	15.7072 MG		17.1132 MG
<i>Wholesale</i>	3.1618 MG		3.238 MG
<i>Other</i>	_____ MG		_____ MG
Total Sold	<u>18.8690 MG</u>		<u>20.351 MG</u>
B: Difference	18.9750 MG		15.271 MG
% Difference	<u>50.14%</u>		<u>42.87%</u>
Gallons Acctd For:			
<i>Breaks</i>	_____ MG		_____ MG
<i>Hyd. Flushing</i>	_____ MG		_____ MG
<i>Tank Overflow</i>	_____ MG		_____ MG
<i>Plant Use</i>	0.5537 MG		0.522 MG
<i>Fire Dept Use</i>	_____ MG		_____ MG
<i>Adjustments +/-</i>	_____ MG		_____ MG
<i>Other (Wax)</i>	_____ MG		_____ MG
C: Total Gallons Acctd For:	0.554 MG		0.522 MG
Loss Unacctd for Water (B-C)	18.421 MG		14.749 MG
% Loss Unacctd for (B-C)/A	<u>48.68%</u>		<u>41.41%</u>
Gallons / Day (+/-)	594,226		491,633
Gallons / Minute (+/-)	<u>413</u>		<u>341</u>

YTD Budget: 23.08% under 19.23 % Used || Past YTD Loss: 39.41%

AVG YTD Loss: 45.42%

13 Mth Loss Rpt Bville WTP



**MONTHLY INSPECTION & REPORT FORM
BROWNSVILLE TREATMENT PLANT**

Gallons Pumped 37.844
 Gallons Sold 18.869
 Gallons Lost 18.421
 Percentage Loss 48.68%
 GPM Loss 413

Maximum Pumped 1.544
 Minimum Pumped 0.902
 Average Pumped 1.22

Gallons Accounted for:
 Tank Overflow 0.000
 Plant Use 0.554
 Computer Adj. 0.000
 Other 0.000
 Total 0.554

Booster Station Conditions

	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Building & Grounds	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Electrical & Telemetry	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Piping and valves	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Pumps	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent

Tanks Conditions Poor Fair Good Excellent

Site Condition Poor Fair Good Excellent
 Evidence of overflow Yes No

Treatment Plant Appearance

Buildings	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent
Grounds	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent
Intake	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent
Road & entrance	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent

Testing Done as required x Everyday Almost every day Some Never
 Housekeeping as required x Yes No
 Mowing as required x Yes No
 Proper reports filled out x Yes No Sometimes

Equipment, pumps and etc. properly maintained x Accord. to maintenance man. Sometimes
 Never

Operator overseeing treatment x Was available while on duty x Was away from plant occasionally
 Was away from plant more than needed

Comments:

With this report I certify that I have personally inspected the operation and maintenance for the month of
 Mar 2022 and that it is accurate to the best of my ability.

Tim Brewster

4/19/2021

Operator

Date

Edmonson Co Water District

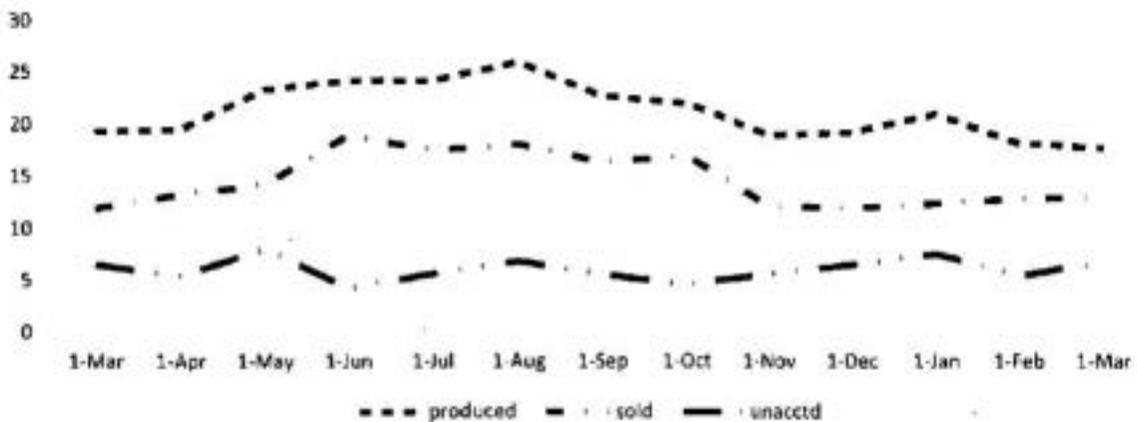
Monthly Water Loss Report

		Mar-22	Wax	WTP
			Mar-21	Totals
A:	Produced	17,617 MG	20,374 MG	
	Purchased	_____ MG	_____ MG	
	Total	17,617 MG	20,374 MG	
Sold	<i>Residential</i>	12,9090 MG	12,7410 MG	
	<i>Wholesale</i>	_____ MG	_____ MG	
		_____ MG	_____ MG	
	Total Sold	12,909 MG	12,741 MG	
B:	Difference	4,708 MG	7,633 MG	
	% Difference	26.72%	37.46%	
Gallons Acctd For:				
	<i>Breaks</i>	_____ MG	_____ MG	
	<i>Hyd. Flushing</i>	_____ MG	_____ MG	
	<i>Tank Overflow</i>	_____ MG	_____ MG	
	<i>Plant Use</i>	2,522 MG	0,834 MG	
	<i>Fire Dept Use</i>	_____ MG	_____ MG	
	<i>Adjustments +/-</i>	_____ MG	_____ MG	
	<i>Other</i>	_____ MG	_____ MG	
C:	Total Gallons Acctd For:	2,522 MG	0,834 MG	
	Loss Unacctd for Water (B-C)	2,186 MG	6,799 MG	
	% Loss Unacctd for (B-C)/A	12.41%	33.37%	
	Gallons / Day (+/-)	70,516	219,310	
	Gallons / Minute (+/-)	48.9	152	

YTD Budget: _____ % Used || Past YTD: 39.00%

AVG YTD Loss: **23.9%**

13 month loss report wax plant



MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

Mar-22

<u>10237</u> payments received in office for the the month	
<u>2051</u> received from by mail	<u>20.04%</u> paid by mail
<u>252</u> received by walk in	<u>2.46%</u> paid by walk in
<u>37</u> received by credit card	<u>0.36%</u> paid by credit card
<u>2504</u> received from bankdraft	<u>24.46%</u> paid by bankdraft
<u>1052</u> received from drive thru	<u>10.28%</u> paid by drive thru
<u>4047</u> received from online	<u>39.53%</u> paid online
<u>294</u> received from n.d	<u>2.87%</u> paid by n.d.
<u>32</u> was the most customers walk in payments received	<u>3/9/2022</u>
<u>82.00</u> Membership Fees Collected	<u>38.00</u> Reconnect Fees Collected
<u>16</u> Tap Fees Collected	<u>3.8148</u> Return Check Fees Collected

<u>11,105</u> Customer	<u>25,800,100</u> Total Gallons Sold	<u>\$ 276,724.03</u> \$ Amount
<u>3,163,800</u> Gals-City	<u>\$ 9,807.78</u> \$ Amount	<u>\$ 129,885.49</u> Online Amount

<u>1499</u> Phone Calls Logged	<u>9033</u> Work Orders Prepared
Routes 1-10 Delinques nt Notices mailed	<u>445</u>
<u>21</u> Customers Disconnected	<u>\$ 1.07</u>
<u>1</u> Rehung same day	Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	<u>244</u>
<u>9</u> Customers Disconnected	
<u>3</u> Rehung same day	

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

Mar-22

<u>56</u> Customers	<u>\$ 3,994.64</u> Revenue Received
<u>279,000</u> Gallons Treated	<u>\$ 1,255.56</u> Cost
<u>3000</u> Gallons Treated	<u>12.72</u> Cost
<u>0</u> Customers Disconnected	<u>\$ 1,268.28</u>

Comments:


SIGNATURE

4/18/22
DATE

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:

Edmonson County Water District

For the Month of:

FEBRUARY

Year:

2022

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	52,490,000
3	Water Purchased	
4	TOTAL PRODUCED AND PURCHASED	52,490,000
5		
6	WATER SALES	
7	Residential	30,753,100
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	2,632,200
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	33,385,300
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	2,775,000
18	Wastewater Plant	
19	System Flushing	852,100
20	Fire Department	22,750
21	Other Usage (explain) PUMPS	475,000
22	TOTAL OTHER WATER USED	4,124,850
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	2,282,200
27	Line Leaks	12,697,650
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	14,979,850
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	28.54%

MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS:

TOTAL GALLONS PUMPED	<u>52,490,000</u>	GALLONS FLUSHED	<u>852,100</u>
TOTAL GALLONS SOLD	<u>33,385,300</u>	NUMBER OF LEAKS	<u>14</u>
TOTAL GALLON LOSS	<u>19,104,700</u>	ESTIMATED GALLONS	<u>2,282,200</u>
PERCENTAGE LOSS	<u>36%</u>	RIVER HILL PUMPS	<u>425,000</u>
GALLONS ACCOUNTED FOR	<u>3,632,050</u>	TANK OVERFLOW	<u>22,250</u>
GALLONS UNACCOUNTED FOR	<u>13,472,650</u> 29%	OTHER F-Dept.	<u>22,250</u>

VEHICLE MAINTAINANCE:

ACCORDING TO MAINTAINANCE MANUAL
 SOMETIMES
 NEVER

EQUIPMENT MAINTAINANCE:

ACCORDING TO MAINTAINANCE MANUAL
 SOMETIMES
 NEVER

MOWING DONE AS REQUIRED:

YES NO PARTLY

SYSTEM APPEARANCE:

LINES	<input type="checkbox"/> POOR	<input checked="" type="checkbox"/> FAIR	<input type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
PRESSURE STATION	<input type="checkbox"/> POOR	<input checked="" type="checkbox"/> FAIR	<input type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
TANK SITE	<input type="checkbox"/> POOR	<input type="checkbox"/> FAIR	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
BOOSTER STATION	<input type="checkbox"/> POOR	<input type="checkbox"/> FAIR	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
STORAGE YARD & LOT	<input type="checkbox"/> POOR	<input type="checkbox"/> FAIR	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
MAINTAINANCE	<input type="checkbox"/> POOR	<input type="checkbox"/> FAIR	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
OFFICE GROUNDS	<input type="checkbox"/> POOR	<input type="checkbox"/> FAIR	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
VALVES	<input type="checkbox"/> POOR	<input checked="" type="checkbox"/> FAIR	<input type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
METERS	<input checked="" type="checkbox"/> POOR	<input type="checkbox"/> FAIR	<input type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT

TESTING DONE AS REQUIRED:

EVERY DAY ALMOST EVERY DAY
 SOME NEVER

PROPER REPORTS FILLED OUT:

YES NO

TOOL INVENTORY:

CHECKED & BALANCED CHECKED & SOME GONE
 NOT CHECKED

MATERIAL INVENTORY:

CHECKED & BALANCED CHECKED & SOME GONE
 NOT CHECKED

COMMENTS:

Trying to locate leaks as fast as possible Tim Blanton
With rural water has come to help us look. While also trying to stay
caught up on meter installs, work orders and locates.

2,108 - Pro.

3,357 - Sold

WITH THIS REPORT I CERTIFY THAT I HAVE INSPECTED THE OPERATION AND MAINTAINANCE FOR THE MONTH OF

February

Dylan Hagedorn
 OPERATOR

3-21-22
 DATE

Edmonson Co Water District

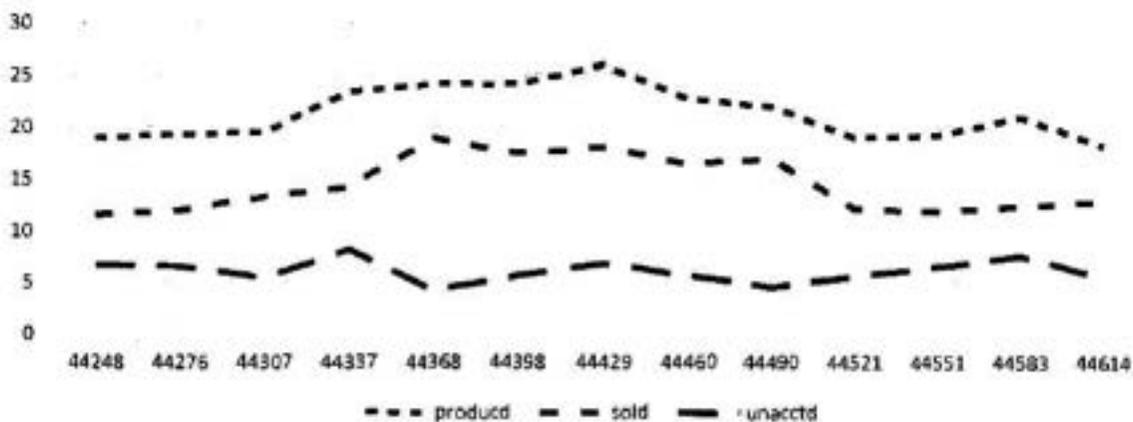
Monthly Water Loss Report

		Feb-22	Wax Feb-21	WTP Totals
A:	Produced	17.851 MG	18.902 MG	18.902 MG
	Purchased	0.432 MG	MG	MG
	Total	18.083 MG	18.902 MG	18.902 MG
Sold	Residential	12.800 MG	11.5500 MG	11.5500 MG
	Wholesale	MG	MG	MG
	Total Sold	12.800 MG	11.550 MG	11.550 MG
B:	Difference	5.283 MG	7.352 MG	7.352 MG
	% Difference	29.22%	38.90%	38.90%
Gallons Acctd For:				
	Breaks	0.000 MG	MG	MG
	Hyd. Flushing	0.000 MG	MG	MG
	Tank Overflow	0.000 MG	MG	MG
	Plant Use	1.936 MG	0.630 MG	0.630 MG
	Fire Dept Use	0.000 MG	MG	MG
	Adjustments +/-	0.000 MG	MG	MG
	Other	0.000 MG	MG	MG
C:	Total Gallons Acctd For:	1.936 MG	0.630 MG	0.630 MG
	Loss Unacctd for Water (B-C)	3.347 MG	6.722 MG	6.722 MG
	% Loss Unacctd for (B-C)/A	18.51%	35.56%	35.56%
	Gallons / Day (+/-)	119,536	224,067	224,067
	Gallons / Minute (+/-)	83	156	156

YTD Budget: _____ % Used | Past YTD: _____

AVG YTD Loss:

13mth loss report wax



MONTHLY INSPECTION & REPORT FORM

wax treatment plant

Feb-22

Gallons Pumped	18,083
Gallons Sold	12,800
Gallons Lost	3,347
Percentage Loss	18.51%
GPM Loss	83

Maximum Pumped	871,100
Minimum Pumped	475,200
Average Pumped	630,393

Gallons Accounted for:	
Tank Overflow	0
Plant Use	0.839
Computer Adj.	0
Other	0
Total	0.839

Booster Station Conditions

<u>Building & Grounds</u>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
<u>Electrical & Telemetry</u>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
<u>Piping and valves</u>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
<u>Pumps</u>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent

Tanks Conditions

<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
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Site Condition

<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
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Evidence of overflow Yes No

Treatment Plant Appearance

<u>Buildings</u>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
<u>Grounds</u>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
<u>Intake</u>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
<u>Road & entrance</u>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent

Testing Done as required	<input checked="" type="checkbox"/> Everyday	<input type="checkbox"/> Almost every day	<input type="checkbox"/> Some	<input type="checkbox"/> Never
Housekeeping as required	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Mowing as required	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Proper reports filled out	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Sometimes	

Equipment, pumps and etc. properly maintained Accord. to maintenance man. Sometimes
 Never

Operator overseeing treatment Was available while on duty Was away from plant occasionally
 Was away from plant more than needed

Comments

With this report I certify that I have personally inspected the operation and maintenance for the month of Feb-22 and that it is accurate to the best of my ability.

chris graham 3-9-2022

Operator

Date

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:	Edmonson County Water District		
For the Month of:	January	Year:	2022

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	62,719,000
3	Water Purchased	
4	TOTAL PRODUCED AND PURCHASED	62,719,000
5		
6	WATER SALES	
7	Residential	31,154,100
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	2,766,100
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	33,920,200
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	2,765,000
18	Wastewater Plant	
19	System Flushing	1,482,000
20	Fire Department	
21	Other Usage (explain) * PUMPS *	460,000
22	TOTAL OTHER WATER USED	4,707,000
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	3,333,400
27	Line Leaks	20,758,400
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	24,091,800
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	38.41%

MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS:

TOTAL GALLONS PUMPED	<u>62,719,000</u>	GALLONS FLUSHED	<u>1,481,700</u>
TOTAL GALLONS SOLD	<u>33,915,200</u>	NUMBER OF LEAKS	<u>12</u>
TOTAL GALLON LOSS	<u>28,803,800</u>	ESTIMATED GALLONS	<u>3,333,400</u>
PERCENTAGE LOSS	<u>45%</u>	RIVER HILL PUMPS	<u>460,000</u>
GALLONS ACCOUNTED FOR	<u>5,225,100</u>	TANK OVERFLOW	<u> </u>
GALLONS UNACCOUNTED FOR	<u>23,528,700 37%</u>	OTHER F-Dept.	<u> </u>

VEHICLE MAINTAINANCE:

ACCORDING TO MAINTAINANCE MANUAL
 SOMETIMES
 NEVER

EQUIPMENT MAINTAINANCE:

ACCORDING TO MAINTAINANCE MANUAL
 SOMETIMES
 NEVER

MOWING DONE AS REQUIRED:

YES NO PARTLY

SYSTEM APPEARANCE:

LINES	<input type="checkbox"/>	POOR	<input checked="" type="checkbox"/>	FAIR	<input type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
PRESSURE STATION	<input type="checkbox"/>	POOR	<input checked="" type="checkbox"/>	FAIR	<input type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
TANK SITE	<input type="checkbox"/>	POOR	<input type="checkbox"/>	FAIR	<input checked="" type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
BOOSTER STATION	<input type="checkbox"/>	POOR	<input checked="" type="checkbox"/>	FAIR	<input type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
STORAGE YARD & LOT	<input type="checkbox"/>	POOR	<input type="checkbox"/>	FAIR	<input checked="" type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
MAINTAINANCE	<input type="checkbox"/>	POOR	<input type="checkbox"/>	FAIR	<input checked="" type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
OFFICE GROUNDS	<input type="checkbox"/>	POOR	<input type="checkbox"/>	FAIR	<input checked="" type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
VALVES	<input type="checkbox"/>	POOR	<input checked="" type="checkbox"/>	FAIR	<input type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
METERS	<input checked="" type="checkbox"/>	POOR	<input type="checkbox"/>	FAIR	<input type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT

TESTING DONE AS REQUIRED:

EVERY DAY ALMOST EVERY DAY
 SOME NEVER

PROPER REPORTS FILLED OUT:

YES NO

TOOL INVENTORY:

CHECKED & BALANCED CHECKED & SOME GONE
 NOT CHECKED

MATERIAL INVENTORY:

CHECKED & BALANCED CHECKED & SOME GONE
 NOT CHECKED

COMMENTS:

Trying to find leaks and fix them as fast as possible.
While trying to keep all other work orders and located caught up.

1.02B - Pro. 1000
1.90B - Sold. 1000

WITH THIS REPORT I CERTIFY THAT I HAVE INSPECTED THE OPERATION AND MAINTAINANCE FOR THE MONTH OF

January 2022

Dshr Hoxelmann
 OPERATOR

2-18-22
 DATE

Edmonson Co Water District

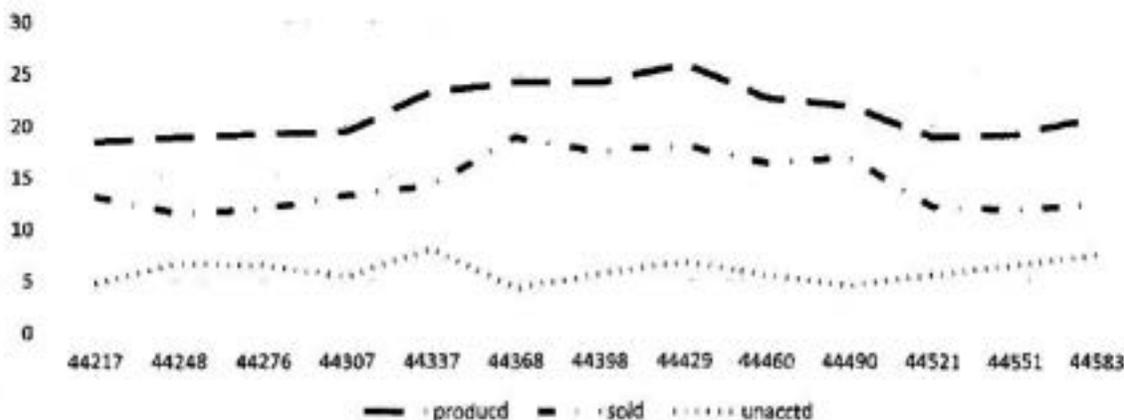
Monthly Water Loss Report

Jan-22		Wax	WTP
		Jan-21	Totals
A:	Produced	20.038 MG	17.390 MG
	Purchased	_____ MG	_____ MG
	Total	20.038 MG	17.390 MG
Sold	<i>Residential</i>	12.316 MG	13.6250 MG
	<i>Wholesale</i>	_____ MG	_____ MG
		_____ MG	_____ MG
	Total Sold	12.316 MG	13.625 MG
B:	Difference	7.722 MG	3.785 MG
	% Difference	38.54%	21.65%
Gallons Acctd For:			
	<i>Breaks</i>	_____ MG	_____ MG
	<i>Hyd. Flushing</i>	_____ MG	_____ MG
	<i>Tank Overflow</i>	_____ MG	_____ MG
	<i>Plant Use</i>	2.173 MG	0.646 MG
	<i>Fire Dept Use</i>	_____ MG	_____ MG
	<i>Adjustments +/-</i>	_____ MG	_____ MG
	<i>Other</i>	_____ MG	_____ MG
C:	Total Gallons Acctd For:	2.173 MG	0.646 MG
	Loss Unacctd for Water (B-C)	5.549 MG	3.785 MG
	% Loss Unacctd for (B-C)/A	27.69%	21%
	Gallons / Day (+/-)	179,003	121450
	Gallons / Minute (+/-)	124	65

YTD Budget: _____ % Used || Past YTD: _____

AVG YTD Loss:

13 month loss report



**MONTHLY INSPECTION & REPORT FORM
BROWNSVILLE TREATMENT PLANT**

Jan-22

Gallons Pumped	<u>20,038</u>
Gallons Sold	<u>12,316</u>
Gallons Lost	<u>5,549</u>
Percentage Loss	<u>27.69%</u>
GPM Loss	<u>124</u>

Maximum Pumped	<u>805,200</u>
Minimum Pumped	<u>485,900</u>
Average Pumped	<u>646,390</u>

Gallons Accounted for:	
Tank Overflow	<u>0</u>
Plant Use	<u>0.998</u>
Computer Adj.	<u>0</u>
Other	<u>0</u>
Total	<u>0.998</u>

Booster Station Conditions

<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Building & Grounds</i>	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Electrical & Telemetry</i>	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Piping and valves</i>	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Pumps</i>	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent

Tanks Conditions

<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
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Site Condition

<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Evidence of overflow</i>	<u> </u> No		

Treatment Plant Appearance

<i>Buildings</i>	<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Grounds</i>	<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Intake</i>	<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Road & entrance</i>	<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent

<i>Testing Done as required</i>	<u> y </u> Everyday	<u> </u> Almost every day	<u> </u> Some	<u> </u> Never
<i>Housekeeping as required</i>	<u> y </u> Yes	<u> </u> No		
<i>Mowing as required</i>	<u> y </u> Yes	<u> </u> No		
<i>Proper reports filled out</i>	<u> y </u> Yes	<u> </u> No	<u> </u> Sometimes	

Equipment, pumps and etc. properly maintained y Accord. to maintenance man. Sometimes
 Never

Operator overseeing treatment Was available while on duty y Was away from plant occasionally
 Was away from plant more than needed

Comments

With this report I certify that I have personally inspected the operation and maintenance for the month of
Jan-22 and that it is accurate to the best of my ability.

chris graham 2-8-2022
Operator

Date

April 26th, 2022

ECWD

Present: Jimmy Mills, Barry Rich, N.E. Reed, Tom Goff, Tony Sanders, Jeff Basham, Erica Wolfe, Dylan Hazelwood

Minutes:

Motion made by N.E. Reed to dispense the reading of the minutes second by Barry Rich.

Park Mammoth:

██████████ (attorney), ██████████ (director of operations), ██████████, and their realtor was present for a presentation. L█████ stated that ██████████ is one of many investors. The property is surrounded by the nature conservatory. The investors intend on having a restaurant, hotel, an events venue, 15-18 cabins, 75 RV spots, trails, a winery, and a subdivision with 38 lots for homes. This is a seven-million-dollar project. ██████████ is their engineer. They will have an intense need for water, pressure, and reliable fire protection. Tony reported that a meter can't be set under 30 psi. Tony reported that there may be a need for a new pump station and/or tank. A new pump station would be approximately \$200,000 potentially more. Tony advised that a backup generator would also be wise because if the power went out to the pump station there would not be any water. Tony reported that a fire hydrant could not be put on a four-inch line but they could install small fill hydrants. Tony reported that we would need to get our engineer, Lewis, involved. ██████████ requested that the line be tapped because a few of the cabins have already been built. Tony reported that we couldn't tap the line if the pressure was lower than 30 psi, but he would have Dylan go out and check the pressure. Tony reported that any project would have to get approval from the division of water. Tony asked Tom if an agreement could be drawn up stating that we are not responsible for low pressure. Tom stated that he would work on it. Tony reported he would contact the PSC regarding pressure and if that 30 or above psi is in reference to at the meter or inside the cabins.

Check Approval:

Motion made by Barry Rich and second by N.E. Reed to approve the checks from March 2022. Motion carried.

Fire Hydrant Contracts/Middlebrook Subdivision:

Nine fire hydrant applications have been completed for approval. Motion made by Barry Rich to approve contracts, second by N.E. Reed. Motion carried, applications approved.

Metlife:

The MetLife premium has had a slight increase. Motion made by N.E. Reed to approve the increase, second by Barry Rich. Motion carried.

Cleaner Water Grant:

Needs to be submitted to the ADD District first of June.

Grant from Representative Guthrie's Office:

We have not yet had an environmental review on the project. The project can't be approved without environmental review. Will possibly get an environmental review and submit for approval next year.

Insurance Proposals

Bids have been sent out, and an ad has been put in the paper. The bids will be opened at the last meeting in May. Tommy Adams will be present he will take the proposals back and review them.

Contract with Grayson County:

Tom reported that he spoke with Damon Talley at the PSC and that we will not have to take this in front of the PSC for approval. We just have to finalize the details. Tony reports that he will talk to Jeremy about the tie in and how to coordinate. There are 10 meters being transferred, we will need to pull our meters and they will need to put theirs in. Tom will finish the agreement and create a bill of sale. Tony will review the GPS coordinates and make sure they are accurate. Tentative transfer date is June 3rd right after we have read meters.

Water Loss:

Brownsville water loss is high this time due to only 28 days of sales and 31 days of pumping. There was a leak at Wax that was estimated to be 20 gallons a minute when it was actually 40-50 gallons a minute. Plant use nearly doubled. We have contacted Rural Water and they are assisting us with our water reduction plan.

Meter Change Out:

The contractors are not moving as quickly as anticipated, and there have been a few reading issues.

Wax Plant Injury:

██████████ slipped on the steps. He has a knee injury and has been referred to an orthopedic doctor. Right now, he has restrictions and will have to stay off while he has limitations.

Overtime:

Tony reports that Latisha will have an over time report ready for the next meeting.

Dump Truck:

The truck got repaired and that day another sensor went out on it. People are coming today to draw up specs on a new dump truck and give us an estimated time on when we may get them. The motor or compressor is locked up on the air compressor, it has less than 100 hours on it, but we have had it about 12 years.

Appraisal:

Tony reported that he is waiting to hear from Roger Rectenwall regarding the appraisal information.

Company Picnic:

Water District to pay for the meats and everyone can bring a covered dish. We are looking at having it at the Dam or Moutardier.

Adjourn:

Motion made by N.E. Reed to adjourn, second by Barry Rich. Motion carried.

X *J. Mills*
Jimmy Mills

X *Barry Rich*
Barry Rich

X
Donald

May 10th, 2022

ECWD

Present: Jimmy Mills, Barry Rich, N.E. Reed, Tom Goff, Lewis Robbins, Tony Sanders, Jeff Basham, Erica Wolfe, Dylan Hazelwood, Charles Brooks

Leak:

presented a letter (attached) requesting that the board allow him to set up a promissory note over a two-year period (24 months) to pay for the large water bill that he owes \$5,748.03. He has been disconnected since November of 2021. The total amount owed is \$239.50 per month to pay the first month \$239.50 + \$ 10 reconnect fee and \$25 membership fee to get reconnected. experienced several leaks and after repairing, another one would occur. The largest occurred the month before disconnect. Motion made by N.E. Reed to accept request for a two-year promissory note, second by Barry Rich. Motion carried.

Financial Report:

Bond coverage is currently down, partly due to paying the contractors for the meter change outs. All the parts we are purchasing for distribution are almost double the cost. The cost of fuel has gone up dramatically and there was the increase in salaries. Board members suggested purchasing a tank for off road fuel for the equipment. They suggest it may be able to save some money on fuel. Tony reported that sewer is doing fair on revenue. By February we have to have the rate case filed for sewer.

Overtime Report:

Tony reported that Brownsville plant had more overtime due to a leak. The plant lost about 24 hours of pumping and have about an hour and a half of pumping to make up for an hour lost. N.E. Reed reported that he would like to see a report on people who work more than 5 hours overtime in a month.

Vac Truck:

Tony reported that we had to pay for a vac truck to haul off sludge from the clarifiers. The drain valve broke and at one point the sludge was over muck boots in the building. Usually, Caveland charges \$1,500 per load. They only charged us \$550 per load because our guys assisted in the removal. There were no objections from the board. Tony to bring the invoice to the next board meeting.

Edmonson County Project:

We have \$1,096,221 in funds available for the Edmonson County project. Ashley Rd had to be taken off and Segal Rd has been shortened. We may be able to add those back in the fall if we are able to receive additional funding. Motion made by Barry Rich and second by N.E. Reed to sign the Ky Infrastructure commitment.

Wax Plant:

Tony has found a spot with a depth of 485' and the data from the Corps from 2012 supports that and shows a depth of 485'. That area in the bend has remained stable. Intakes could be put in that area. Lewis asked the board if they felt comfortable with that data from a ten-year timespan as they could not find any other reliable historical data. It could be \$8-\$10 million dollars cheaper to use this location. Lewis is recommending a 2-million-gallon plant on 6-10 acres. He states that lines with screens would probably be more appropriate to floating intakes. Tony reported that he is waiting to hear from the

appraisal if you don't have an appraisal, you can't recoup funds. Majority of the funds for this project will likely come from the state revolving fund. A large portion may be forgiven but unsure of how much would be forgiven.

██████████:

The hotel itself is located above tank level. A new tank and booster station would be recommended to service that. We could serve the new development and the RV park due to their elevation. Tony said Dylan checked the pressure at the new cabins and where the meter would be installed, there is 38 psi. Lewis said that he would recommend a 150,000-gallon tank which would cost 1-1.2 million dollars not including the booster station or the six inch line that would need to be run. A new pump station would run at least \$600,000. Lewis would also recommend a stand by generator. At the very minimum this would be a million-dollar project. The board requested that Tony speak with ██████████ to see how much they would be willing to contribute to the project.

Wax Injury:

██████████ got to come back to work with no restrictions he does have to wear a brace.

██████████

He is currently working but has missed a few unexcused days, the policy is 10 unexcused absences before it is reviewed by the board.

Grayson County Sale:

Tom has been working on the agreement and the bill of sale, we are good to proceed with that. We are giving the meter settings but will be removing our meters. It may be necessary to meet or have a conference call with Jeremy to work out the details.

Dump Truck/Air Compressor:

Both are repaired and operational, the starter was the issue with the air compressor.

██████████

They have both completed their 90-day probation and are now full-time employees.

Hawkins Fuel Charge:

They have sent a letter stating that they will have an increased fuel surcharge. This may cause issues because these charges were not specified in the bid.

Company Picnic:

It is scheduled for June 18th at the Moutardier Shelter

Check Approval:

Checks for April given for review and approval at the next meeting.

Motion to Adjourn:

Motion made by N.E. Reed to adjourn second by Barry Rich. Meeting adjourned.

X 

Jerry Mills

X 

Barry Rich

X 

N.E. Reed

MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

Apr-22

<u>10001</u> payments received in office for the the month	
<u>1998</u> received from by mail	<u>19.98%</u> paid by mail
<u>178</u> received by walk in	<u>1.78%</u> paid by walk in
<u>30</u> received by credit card	<u>0.30%</u> paid by credit card
<u>2508</u> received from bankdraft	<u>25.08%</u> paid by bankdraft
<u>1074</u> received from drive thru	<u>10.74%</u> paid by drive thru
<u>3968</u> received from online	<u>39.68%</u> paid online
<u>245</u> received from n.d	<u>2.45%</u> paid by n.d.
<u>37</u> was the most customers walk in payments received	<u>4/27/2022</u>
<u>79.00</u> Membership Fees Collected	<u>44.00</u> Reconnect Fees Collected
<u>15.30435</u> Tap Fees Collected	<u>4.0956</u> Return Check Fees Collected

<u>11,119</u> Customer	<u>30,599,600</u> Total Gallons Sold	<u>\$ 302,131.99</u> \$ Amount
<u>2,409,700</u> Gals-City	<u>\$ 7,470.07</u> \$ Amount	<u>\$ 126,224.85</u> Online Amount

<u>1394</u> Phone Calls Logged	<u>339</u> Work Orders Prepared
Routes 1-10 Delinques nt Notices mailed	<u>452</u>
<u>13</u> Customers Disconnected	<u>\$ 0.99</u>
<u>2</u> Rehung same day	Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	<u>238</u>
<u>11</u> Customers Disconnected	
<u>1</u> Rehung same day	

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

Mar-22

<u>56</u> Customers	<u>\$ 4,136.50</u> Revenue Received
<u>202,000</u> Gallons Treated	<u>\$ 856.48</u> Cost
<u>4800</u> Gallons Treated	<u>20.35</u> Cost
<u>0</u> Customers Disconnected	<u>\$ 876.83</u>

Comments:


SIGNATURE

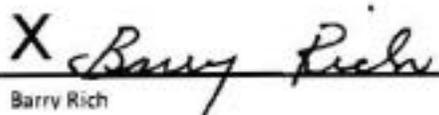
5/11/22
DATE

May 10, 2022

We have reviewed and approved the transactions for the month of April 2022 for the following accounts. The documents that have been reviewed are attached.

- Water Operation & Maintenance (Account ID: 13400)
- Membership Fee Fund (Account ID: 13200)
- Health Insurance Deduction Reserve (Account ID: 13530)
- Debit Card Account (Account ID: 13410)
- Sewer Operation & Maintenance (Sewer Account ID: 13400)


Jimmy Mills


Barry Rich


N.E. Reed

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility: Edmonson County Water District

For the Month of: April Year: 2022

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	49,798,000
3	Water Purchased	
4	TOTAL PRODUCED AND PURCHASED	49,798,000
5		
6	WATER SALES	
7	Residential	30,598,700
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	2,409,700
12	Public Authorities	
13	Other Sales (explain) _____	
14	TOTAL WATER SALES	33,008,400
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	1,222,900
18	Wastewater Plant	
19	System Flushing	1,468,000
20	Fire Department	19,425
21	Other Usage (explain) _____ PUMPS	450,000
22	TOTAL OTHER WATER USED	3,160,325
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	1,674,940
27	Line Leaks	11,954,335
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	13,629,275
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	27.37%

Edmonson Co Water District

Monthly Water Loss Report

April 2022

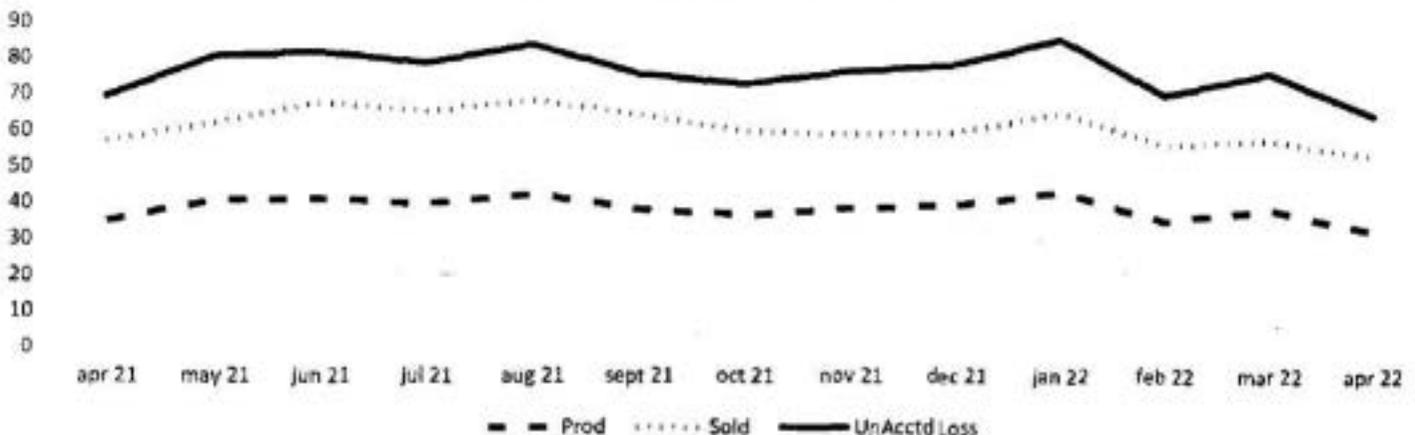
Brownsville WTP

		<u>April-21</u>	<u>Totals</u>
A: Produced		32.0360 MG	34.924 MG
Purchased		MG	MG
Total		32.0360 MG	34.924 MG
Sold	<i>Residential</i>	18.0627 MG	18.3111 MG
	<i>Wholesale</i>	2.4097 MG	3.719 MG
	<i>Wax WTP</i>	MG	MG
Total Sold		20.4724 MG	22.030 MG
B: Difference		11.564 MG	12.894 MG
% Difference		36.10%	36.92%
Gallons Acctd For:			
	<i>Breaks</i>	MG	MG
	<i>Hyd. Flushing</i>	MG	MG
	<i>Tank Overflow</i>	MG	MG
	<i>Plant Use</i>	0.4169 MG	0.514 MG
	<i>Fire Dept Use</i>	MG	MG
	<i>Adjustments +/-</i>	MG	MG
	<i>Other</i>	MG	MG
C: Total Gallons Acctd For:		0.4169 MG	0.514 MG
Loss Unacctd for Water (B-C)		11.147 MG	12.380 MG
% Loss Unacctd for (B-C)/A		34.79%	35.45%
Gallons / Day (+/-)		371,567	412,667
Gallons / Minute (+/-)		258	287

YTD Budget: _____ **28.75 % Used** | Past YTD: _____ **38.42%**

AVG YTD Loss: **42.77%**

13 Mth Loss Rpt Bville WTP



MONTHLY INSPECTION & REPORT FORM BROWNSVILLE TREATMENT PLANT

Gallons Pumped	32.036
Gallons Sold	<u>20.472</u>
Gallons Lost	<u>11.147</u>
Percentage Loss	<u>34.79%</u>
GPM Loss	<u>258</u>

Maximum Pumped	1.317
Minimum Pumped	<u>0.858</u>
Average Pumped	<u>1.068</u>

Gallons Accounted for:	
Tank Overflow	0.0000
Plant Use	<u>0.4169</u>
Computer Adj.	<u>0.0000</u>
Other	<u>0.0000</u>
Total	<u>0.4169</u>

Booster Station Conditions	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
<i>Building & Grounds</i>	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
<i>Electrical & Telemetry</i>	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
<i>Piping and valves</i>	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
<i>Pumps</i>	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent

Tanks Conditions	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
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Site Condition	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
<i>Evidence of overflow</i>	<u> </u> Yes	<u> </u> No		

Treatment Plant Appearance				
<i>Buildings</i>	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent
<i>Grounds</i>	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent
<i>Intake</i>	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent
<i>Road & entrance</i>	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent

<i>Testing Done as required</i>	<u> x </u> Everyday	<u> </u> Almost every day	<u> </u> Some	<u> </u> Never
<i>Housekeeping as required</i>	<u> x </u> Yes	<u> </u> No		
<i>Mowing as required</i>	<u> x </u> Yes	<u> </u> No		
<i>Proper reports filled out</i>	<u> x </u> Yes	<u> </u> No	<u> </u> Sometimes	

<i>Equipment, pumps and etc. properly maintained</i>	<u> x </u> Accord. to maintenance man.	<u> </u> Sometimes
	<u> </u> Never	

<i>Operator overseeing treatment</i>	<u> x </u> Was available while on duty	<u> x </u> Was away from plant occasionally
	<u> </u> Was away from plant more than needed	

Comments:

\$1.30/Thou Produced

\$2.03/Thou Sold

With this report I certify that I have personally inspected the operation and maintenance for the month of
April 2022 and that it is accurate to the best of my ability.

Tim Brewster

5/11/2022

Operator

Date

Edmonson Co Water District

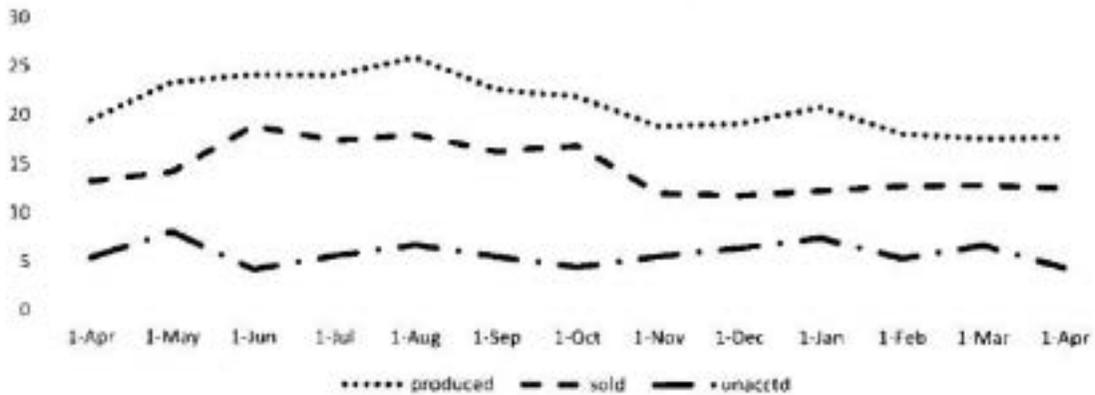
Monthly Water Loss Report

		Wax	WTP
Apr-22		Apr-21	Totals
A:	Produced	17.762 MG	MG
	Purchased	MG	MG
	Total	17.762 MG	0.000 MG
Sold	<i>Residential</i>	12.536 MG	MG
	<i>Wholesale</i>	MG	MG
	Total Sold	12.536 MG	0.000 MG
B:	Difference	5.226 MG	0.000 MG
	% Difference	29.42%	#DIV/0!
Gallons Acctd For:			
	<i>Breaks</i>	MG	MG
	<i>Hyd. Flushing</i>	MG	MG
	<i>Tank Overflow</i>	MG	MG
	<i>Plant Use</i>	0.806 MG	MG
	<i>Fire Dept Use</i>	MG	MG
	<i>Adjustments +/-</i>	MG	MG
	<i>Other</i>	MG	MG
C:	Total Gallons Acctd For:	0.806 MG	#VALUE! MG
	Loss Unacctd for Water (B-C)	4.420 MG	#VALUE! MG
	% Loss Unacctd for (B-C)/A	24.89%	#VALUE!
	Gallons / Day (+/-)	147,349	
	Gallons / Minute (+/-)	102	

YTD Budget: _____ % Used || Past YTD: _____

AVG YTD Loss:

13 month loss report wax plant



MONTHLY INSPECTION & REPORT FORM
wax treatment plant

Apr-22

Gallons Pumped	<u>17,762</u>
Gallons Sold	<u>12,536</u>
Gallons Lost	<u>4,420</u>
Percentage Loss	<u>24.89%</u>
GPM Loss	<u>102</u>

Maximum Pumped	<u>799,900</u>
Minimum Pumped	<u>490,400</u>
Average Pumped	<u>592,073</u>

Gallons Accounted for:	
Tank Overflow	<u>0</u>
Plant Use	<u>0.806</u>
Computer Adj.	<u>0</u>
Other	<u>0</u>
Total	<u>0.806</u>

Booster Station Conditions

<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Building & Grounds</i>	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Electrical & Telemetry</i>	<u> </u> Poor	<u> </u> Fair	<u> </u> Good
<i>Piping and valves</i>	<u> </u> Poor	<u> </u> Fair	<u> </u> Good
<i>Pumps</i>	<u> </u> Poor	<u> </u> Fair	<u> </u> Good

Tanks Conditions

<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
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Site Condition

<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Evidence of overflow</i>	<u> </u> Yes	<u> </u> No	

Treatment Plant Appearance

<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Buildings</i>	<u> </u> Poor	<u> </u> Fair	<u> </u> Good
<i>Grounds</i>	<u> </u> Poor	<u> </u> Fair	<u> </u> Good
<i>Intake</i>	<u> </u> Poor	<u> </u> Fair	<u> </u> Good
<i>Road & entrance</i>	<u> </u> Poor	<u> </u> Fair	<u> </u> Good

<i>Testing Done as required</i>	<u> y </u> Everyday	<u> </u> Almost every day	<u> </u> Some	<u> </u> Never
<i>Housekeeping as required</i>	<u> y </u> Yes	<u> </u> No		
<i>Mowing as required</i>	<u> y </u> Yes	<u> </u> No		
<i>Proper reports filled out</i>	<u> y </u> Yes	<u> </u> No	<u> </u> Sometimes	

<i>Equipment, pumps and etc. properly maintained</i>	<u> y </u> Accord. to maintenance man.	<u> </u> Sometimes
	<u> </u> Never	

<i>Operator overseeing treatment</i>	<u> </u> Was available while on duty	<u> y </u> Was away from plant occasionally
	<u> </u> Was away from plant more than needed	

Comments

With this report I certify that I have personally inspected the operation and maintenance for the month of
 Apr-22 and that it is accurate to the best of my ability.

chris graham 5-6-2022

Operator

Date

BID TAB SHEET

Health Insurance

KLC				
VENDOR #1	VENDOR#2	VENDOR#3	VENDOR #4	VENDOR #5
health-58,091.40 vision - 5.87 dental - 19.80 dental				
BID COST	BID COST	BID COST	BID COST	BID COST

VENDOR #6	VENDOR#7	VENDOR#8	VENDOR #9	VENDOR #10
BID COST	BID COST	BID COST	BID COST	BID COST

BID TAB SHEET

Property,
workers' comp, liability

ISU / KLC all except Fidelity Bond VENDOR #1	Houchens Ins Group VENDOR#2	Em Ford VENDOR#3	VENDOR #4	VENDOR #5
30,938.24 BID COST	only Fidelity Bond * 2,442.73 BID COST	everything except bond BID COST	BID COST	BID COST

VENDOR #6	VENDOR#7	VENDOR#8	VENDOR #9	VENDOR #10
BID COST	BID COST	BID COST	BID COST	BID COST

May 24th, 2022

ECWD

Present: Jimmy Mills, Barry Rich, N.E. Reed, Tom Goff, Tony Sanders, Jeff Basham, Dylan Hazelwood, Erica Wolfe, Tommy Adams.

Minutes:

Motion made to dispense the reading of the minutes by Barry Rich second by N.E. Reed. Motion carried.

Insurance Bids:

Tommy Adams read the insurance bids received. Kentucky League of cities bid \$15,827 property, \$2,020 marine, 988.26, \$12,918 general liability, \$11,992 auto, for a total package cost of \$46,157.10 With an additional cost of \$19,227.29 for worker's comp. EM FORD bid \$39,985 total package plus \$2,777 cyber, and \$8,937 workers comp. Tommy will review the bids, assess coverage, and make a recommendation for the next board meeting.

Health Insurance Bids:

Only one bid was received that was from Kentucky League of Cities. The only change is our vision provider from the previous year now we have a \$60 vision copay instead of the \$50 previous copay. Right now, our current health premium is \$466.19 it will be going up to \$520.96 per employee. Dental insurance remains the same at \$19.66 and vision increased from \$5.56 to \$5.87 per employee. The board asked for Tony's recommendation. Tony recommended that we accept the proposal. N.E Reed made a motion to accept, Barry Rich seconded. Motion carried; proposal accepted.

Monthly Reports:

Tony reported that water loss has come down a little bit. The water loss percentage for April is 27.37%. We have found several leaks and have continued to hunt them.

Meter Change Out:

Several wrong readings were written down by the contractors which caused some issues during the most recent billing cycle. Tony reported that we have stopped tearing down meters until after the billing cycle and be more diligent about checking the readings. Tony reported that he will meet with [REDACTED] at the end of the month to discuss the issues.

Check Approval:

Motion made by Barry Rich and second by N.E. Reed to approve the checks from April. Motion carried.

Park Mammoth:

Tony reported he called [REDACTED] to discuss the cost of 1-2 million dollars. [REDACTED] reported that he would have to discuss it and get back with Tony on how much [REDACTED] would be willing to contribute. The 2-inch meter has been paid for, for the cabins. We are able to able to provide service for the RV park and the cabins but we could not provide service to the top of the hill (the hotel and the events venue)

[REDACTED]
[REDACTED] to Lewis to do a hydraulic study. The six-inch line would have to be extended from Richland to the subdivision. We will have to have easements signed. [REDACTED] reported he was looking at 70-75 lots with the possibility of purchasing another part of the farm with 50-100 lots. For the line itself it would be at least \$30,000-\$40,000 for materials. We could do some of the work but we would have to contract out the road bore. The first step would be to get the easements. Tony reports he will get in contact with Steve Townsend to get a more accurate estimate.

Grayson Co Bill of Sale:

There are 10 active accounts being transferred, six dry boxes for a total of 16 accounts. Grayson County signed yesterday to proceed with the sale. The sale takes effect June 3rd. Motion made by N.E. Reed to accept the bill of sale, second by Barry Rich. Motion carried.

Wax:

Tony reported he is continuing to look for property for a potential build site. He is waiting on a call back about a potential property.

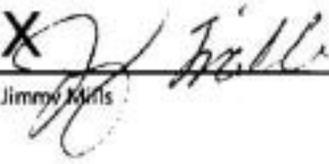
Unaccounted for Water Loss Plan:

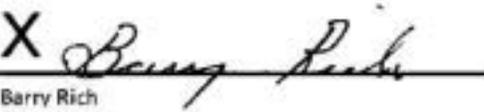
Tony reported that Gary Larimore reviewed the unaccounted-for water loss plan and capital improvement plan and he believes it will satisfy the PSC. Motion made to accept the unaccounted-for water loss plan and the capital improvement by N.E. Reed, second by Barry Rich. Motion carried.

The board discussed re-evaluating the policy for reimbursing developers 50ft of cost per meter set for ten years. Tom will look into further. If the policy is changed it will need to be approved by the PSC.

Adjourn:

Motion made by N.E. Reed to adjourn, second by Barry Rich. Meeting adjourned.

X 
Jimmy Mills

X 
Barry Rich

X 
N.E. Reed

June 14th 2022

LCWD

Present: Jimmy Mills, Barry Rich, N.L. Reed, Tom Goff, Tony Sanders, Jeff Basham, Erica Wolfe, Dylan Hazelwood, Tommy Adams

Minutes

Motion made by Barry Rich to dispense the reading of the minutes, seconded by N.E. Reed. Motion carried.

Insurance Recommendations:

Tommy Adams stated that our current company met the bid specs. Currently we have two employee dishonesty policies which aren't needed. Tommy recommended that we get the bond insurance through Tokyo Marine. It is a blanket policy for all employees we will have more coverage for less cost. Tommy also recommends that we get the cyber coverage it is a \$2,777 annual premium for a million-dollar limit. The recommendation is to stay with Tokyo Marine/EM Ford/FFVA to purchase bond coverage through them and cyber coverage as well. Tommy recommended we bid every 3-4 years instead of yearly if the rates have not increased drastically. Insurance is considered a professional service so bids may not be required. The cost for this policy is \$51,699 for property, cyber and worker's compensation, \$294.20 for contractor flood and earthquake, and \$2,700 for the blanket bond insurance. The total annual cost is \$54,693.20. We have budgeted \$61,500 so there is enough funds in the budget to pay for the additional flood/earthquake and cyber coverage. Motion made by Barry Rich to accept the recommendations of insurance consultant Tommy Adams, N.F. Reed seconds the motion. Motion carried.

Rock Lane Leak/Cave Hollow Bay.

We located a line for conduit to be buried. The line was marked in the wrong place and the line was cut. The line flooded and washed out the customer's air conditioning unit. The customer is requesting that we pay the \$400 in contractor fees because the contractor had to come out a second day due to the break. Tony recommends paying this out of pocket rather than submitting it to the insurance company. Motion made by N.F. Reed to reimburse the customer, Barry Rich seconds. Motion carried.

Brownsville Water Treatment Plant Painting:

We received one bid in the amount of \$87,310 no one else submitted a bid for review. Tim Brewster contacted other companies to see if they would be interested in bidding but received no response. An ad was also put in the paper. Billy Vincent gave five references and Tony spoke with two of them. The

references had nothing but good things to say. There is \$53,000 remaining in the Brownsville treatment plant contractual services budget. We need an additional \$34,655 in the contractual services to cover the painting. Tony suggested moving money from distribution contractual service to Brownsville contractual services and wax engineering. We amended the budget for distribution \$315,000 to pay the contractors for meter change outs. So far in three months we gave only paid \$50,300 on the changeout. If they continue at their current pace, we will only pay the contractors approximately \$175,000 more for a total cost of \$225,300. We could move the funds to Brownsville contractual services and move \$28,545 for engineering fees for Wax Plant and have some remaining funds to help pay for the increase in health insurance costs. Jimmy Mills is opposed to accepting the bid for painting because only one bid has been received. He does not feel that it is good business to proceed with only one bid. Barry Rich made a motion to accept the bid. N.E. Reed asks for Tony Sander's recommendation; Tony recommends that we accept the bid due to rising costs and inflation. N.E. Reed seconds the motion due to Tony's recommendation. Motion Carried. Jimmy Mills opposes motion.

Cub Run Tank/Verizon Lease:

Tom recommends that Verizon be held responsible for any damages. Motion made by N.E. Reed seconded by Barry Rich to sign agreement with Verizon. Paperwork signed to accept amended antenna lease agreement.

Wax:

Tony reports that he spoke with [REDACTED] and he would like to meet to discuss a price. We will have to go through appraisal process. N.E. Reed stated that he spoke with Congressman Guthrie about the project and recommended that we reach out to his office once we have decided on our plan of action.

New Line Extensions:

Tony reported that he gave Tom a copy of PSC rules regarding reimbursements for line extensions. Tony reviewed Warren County Water's policy and they reimburse half of the tap fee per meter installed for ten years and they require the developer to hire their own engineer. The developer also has to submit their plans to the Division of Water. The Water District taps the line and does the inspection. Tony recommends changing our policy for reimbursing line extensions and that we reimburse half the tap fees as well. Due to rising costs the amount of reimbursement for [REDACTED] Subdivision will be over \$1,000 per meter.

Middlebrook Subdivision:

New bid came in lower than the last, Darrell Oliver accepted bid.

[REDACTED] Subdivision:

Darrell Olliver is developing another subdivision. It is six lots and it will be a four-inch line. Motion made [REDACTED] to accept line extension second by N.E. Reed. Motion carried.

New Grove Subdivision/Josh Roney

[REDACTED]
Josh plans to extend the six-inch line from Richland to the subdivision. The materials estimate is \$28,500, estimate for labor (4 employees for 1 week) \$4,420, Estimate for fuel \$600, road bore (approx. \$150 per foot x 30 ft) \$5,250, misc and engineering plans \$2,000. A total cost of \$40,770. If Josh pays for the cost of the materials and we pay the other fees ECWD would be out approximately \$12,270. The board agrees to contribute the labor and road bore. Tom will draw up contract. Tony asked Jeff about the easements. All of the easements but two have been signed. He is still working on getting the last two.

Financial Report:

We are ahead in sales compared to last year, but coverage is down. Right now, we are \$93,000 to the good with our budget but we just spent \$108,000 in meters. We have spent \$63,216 from our capital budget we are discussing purchasing a track hoe or backhoe. Right now, salaries and transportation expenses are the most over budget categories. Fuel expenses have doubled recently. Daniel Bullock gave his notice and is no longer employed with ECWD. The intern, Travis Higgs, started this week. He is not an ECWD employee he is an intern employed through the military.

Hwy 259 Relocation:

Lewis requested funds from the Hwy 259 Relocation project. Over the course of the rest of the year we are estimated to draw another \$15,000 from the account. It is grant money that is sent to us and then forwarded to Lewis for reimbursement. Amending the budget was discussed and it was decided that we will review the budget at the next meeting because there may also be amendments required regarding the cleaner water money.

Check Approval:

Check reports given to the commissioners for approval at the next meeting.

Cleaner Water Money:

Tony reported that the paperwork will need to be resigned for the cleaner water funds. Motion made by N.E. Reed and second by Barry Rich to resign the paperwork. Motion carried; paperwork completed.

Attendance:

The board discussed amending the policy to remove the 10-day limit for manager discretion approval. There didn't appear to be a need to change that policy. Policy will remain the same.

Lead & Copper Survey:

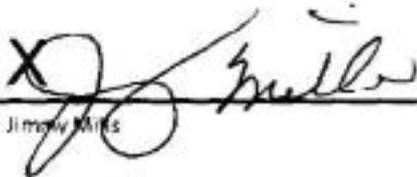
Tony reported a lead and copper survey has to be completed. We will have to inventory all services ECWD lines and customer lines.

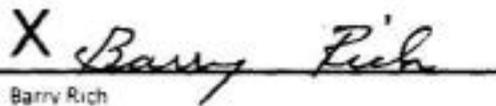
Park Mammoth:

Tony reported he has not heard back from them regarding what they are willing to contribute to the project.

Adjourn:

Motion made by N.E. Reed to adjourn, seconded by Barry Rich, Meeting adjourned.

X 
Jimmy Mills

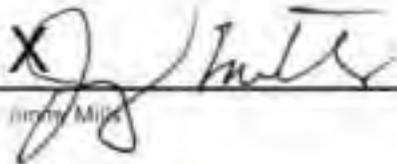
X 
Barry Rich

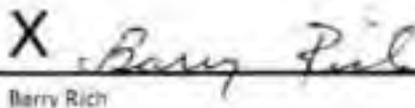
X 
N.E. Reed

June 14, 2022

We have reviewed and approved the transactions for the month of May 2022 for the following accounts. The documents that have been reviewed are attached.

- Water Operation & Maintenance (Account ID: 13400)
- Membership Fee Fund (Account ID: 13200)
- Health Insurance Deduction Reserve (Account ID: 13530)
- Debit Card Account (Account ID: 13410)
- Sewer Operation & Maintenance (Sewer Account ID: 13400)

X 
Jimmy Mills

X 
Barry Rich

X 
N.E. Reed

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:

Edmonson County Water District

For the Month of:

MAY

Year:

2022

		GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	63,007,000
3	Water Purchased	
4	TOTAL PRODUCED AND PURCHASED	63,007,000
5		
6	WATER SALES	
7	Residential	30,782,100
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	2,969,000
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	33,751,100
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	1,422,400
18	Wastewater Plant	
19	System Flushing	2,270,000
20	Fire Department	24,400
21	Other Usage (explain) PUMPS	480,000
22	TOTAL OTHER WATER USED	4,196,800
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	1,769,920
27	Line Leaks	23,289,180
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	25,059,100
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	39.77%

Edmonson Co Water District

Monthly Water Loss Report

May 2022

Brownsville WTP

May-21 Totals

A: Produced		40.5560 MG		40.469 MG
Purchased		MG		MG
Total		40.5560 MG		40.469 MG
Sold	<i>Residential</i>	16.7761 MG		17.6660 MG
	<i>Wholesale</i>	2.9690 MG		3.885 MG
	<i>Wax WTP</i>	MG		MG
Total Sold		19.7451 MG		21.551 MG
B: Difference		20.811 MG		18.918 MG
% Difference		51.31%		46.75%
Gallons Acctd For:				
	<i>Breaks</i>	MG		MG
	<i>Hyd. Flushing</i>	MG		MG
	<i>Tank Overflow</i>	MG		MG
	<i>Plant Use</i>	0.6854 MG		0.582 MG
	<i>Fire Dept Use</i>	MG		MG
	<i>Adjustments +/-</i>	MG		MG
	<i>(Wax) Other</i>	MG		MG
C: Total Gallons Acctd For:		0.6854 MG		0.582 MG
Loss Unacctd for Water (B-C)		20.1255 MG		18.337 MG
% Loss Unacctd for (B-C)/A		49.62%		45.31%
Gallons / Day (+/-)		649,210		425,245
Gallons / Minute (+/-)		451		295

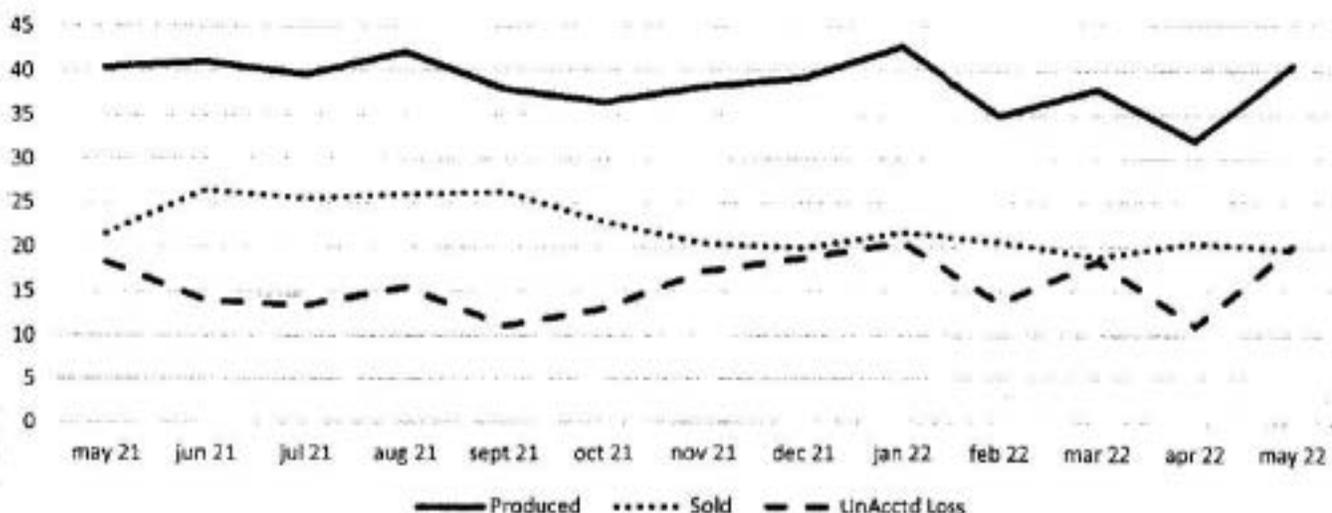
YTD Budget: 1.9% under

40.5 % Used

Past YTD: 38.80%

AVG YTD Loss: 44.14%

13 Mth Loss Rpt Bville WTP



**MONTHLY INSPECTION & REPORT FORM
BROWNSVILLE TREATMENT PLANT**

Gallons Pumped 40.556
 Gallons Sold 19.745
 Gallons Lost 20.126
 Percentage Loss 49.82%
 GPM Loss 451

Maximum Pumped 2.6700
 Minimum Pumped 0.6110
 Average Pumped 1.3080

Gallons Accounted for:
 Tank Overflow 0.000
 Plant Use 0.685
 Computer Adj. 0.000
 Other (WAX) 0.000
 Total 0.685

Booster Station Conditions

	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
<i>Building & Grounds</i>	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
<i>Electrical & Telemetry</i>	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
<i>Piping and valves</i>	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
<i>Pumps</i>	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent

Tanks Conditions

 Poor Fair Good Excellent

Site Condition

 Poor Fair Good Excellent
Evidence of overflow Yes No

Treatment Plant Appearance

<i>Buildings</i>	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent
<i>Grounds</i>	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent
<i>Intake</i>	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent
<i>Road & entrance</i>	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent

Testing Done as required x Everyday Almost every day Some Never
Housekeeping as required x Yes No
Mowing as required x Yes No
Proper reports filled out x Yes No Sometimes

Equipment, pumps and etc. properly maintained x Accord. to maintenance man. Sometimes
 Never

Operator overseeing treatment x Was available while on duty x Was away from plant occasionally
 Was away from plant more than needed

Comments:

\$1.26 Produced

\$2.59 sold

With this report I certify that I have personally inspected the operation and maintenance for the month of
 May 2022 and that it is accurate to the best of my knowledge.

Tim Brewster

6-14-2022

Operator

Date

Edmonson Co Water District

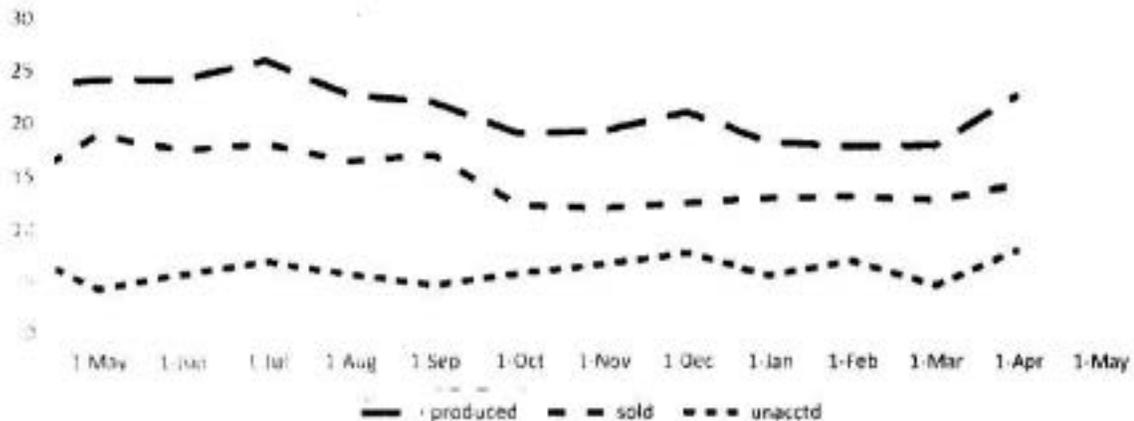
Monthly Water Loss Report

May-22		Wax	WTP
		May-21	Totals
A:	Produced	22.451 MG	23.289 MG
	Purchased	0.000 MG	0 MG
	Total	22.451 MG	23.289 MG
Sold	<i>Residential</i>	14.006 MG	14.2140 MG
	<i>Wholesale</i>	MG	MG
		MG	MG
Total Sold	14.006 MG	14.214 MG	
B:	Difference	8.445 MG	9.075 MG
	% Difference	37.61%	38.97%
Gallons Acctd For:			
	<i>Breaks</i>	MG	MG
	<i>Hyd. Flushing</i>	MG	MG
	<i>Tank Overflow</i>	MG	MG
	<i>Plant Use</i>	0.737 MG	0.996 MG
	<i>Fire Dept Use</i>	MG	MG
	<i>Adjustments +/-</i>	MG	MG
	<i>Other</i>	MG	MG
C:	Total Gallons Acctd For:	0.737 MG	0.996 MG
	Loss Unacctd for Water (B-C)	7.708 MG	8.079 MG
	% Loss Unacctd for (B-C)/A	34.33%	34.69%
	Gallons / Day (+/-)	248,639	280,261
	Gallons / Minute (+/-)	173	181

YTD Budget: _____ % Used || Past YTD: _____

AVG YTD Loss:

13 month loss report wax plant



MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

May-22

<u>10025</u> payments received in office for the the month	
<u>2053</u> received from by mail	<u>20.48%</u> paid by mail
<u>221</u> received by walk in	<u>2.20%</u> paid by walk in
<u>59</u> received by credit card	<u>0.59%</u> paid by credit card
<u>2519</u> received from bankdraft	<u>25.13%</u> paid by bankdraft
<u>997</u> received from drive thru	<u>9.95%</u> paid by drive thru
<u>3893</u> received from online	<u>38.83%</u> paid online
<u>283</u> received from n.d	<u>2.82%</u> paid by n.d.
<u>35</u> was the most customers walk in payments received	<u>5/13/2022</u>
<u>105.00</u> Membership Fees Collected	<u>65.00</u> Reconnect Fees Collected
<u>16.30435</u> Tap Fees Collected	<u>5.2088</u> Return Check Fees Collected

<u>11,134</u> Customer	<u>30,771,300</u> Total Gallons Sold	<u>\$ 301,580.23</u> \$ Amount
<u>2,969,000</u> Gals-City	<u>\$ 9,203.90</u> \$ Amount	<u>\$ 127,892.86</u> Online Amount

<u>1491</u> Phone Calls Logged	<u>388</u> Work Orders Prepared
Routes 1-10 Delinques ent Notices mailed	<u>359</u>
<u>29</u> Customers Disconnected	<u>\$ 0.98</u>
<u>8</u> Rehung same day	Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	<u>314</u>
<u>16</u> Customers Disconnected	
<u>2</u> Rehung same day	

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

May-22

<u>56</u> Customers	<u>\$ 4,288.23</u> Revenue Received
<u>206,000</u> Gallons Treated	<u>\$ 946.04</u> Cost
<u>4100</u> Gallons Treated	<u>17.38</u> Cost
<u>0</u> Customers Disconnected	<u>\$ 963.42</u>

Comments:

Eucawolfe
SIGNATURE

6/13/22
DATE

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:

Edmonson County Water District

For the Month of:

MAY

Year:

2022

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	63,007,000
3	Water Purchased	
4	TOTAL PRODUCED AND PURCHASED	63,007,000
5		
6	WATER SALES	
7	Residential	30,782,100
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
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12	Public Authorities	
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36	(Line 31 divided by Line 4)	39.77%

Edmonson Co Water District

Monthly Water Loss Report

May 2022

		Brownsville	WTP
		May-21	Totals
A: Produced		40.5560 MG	
Purchased		_____ MG	40.489 MG
Total		40.5560 MG	_____ MG
			40.489 MG
Sold	<i>Residential</i>	16.7761 MG	17.6660 MG
	<i>Wholesale</i>	2.9690 MG	3.885 MG
	<i>Wax WTP</i>	_____ MG	_____ MG
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% Difference		51.31%	46.75%
Gallons Acctd For:			
	<i>Breaks</i>	_____ MG	_____ MG
	<i>Hyd. Flushing</i>	_____ MG	_____ MG
	<i>Tank Overflow</i>	_____ MG	_____ MG
	<i>Plant Use</i>	0.6854 MG	0.582 MG
	<i>Fire Dept Use</i>	_____ MG	_____ MG
	<i>Adjustments +/-</i>	_____ MG	_____ MG
	<i>(Wax) Other</i>	_____ MG	_____ MG
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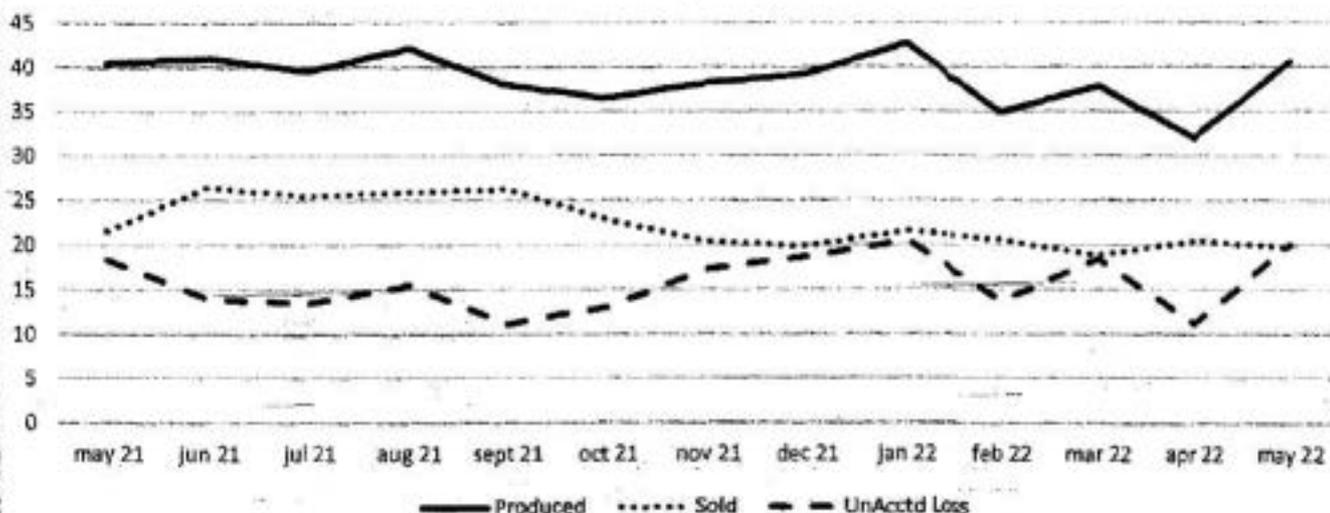
YTD Budget: 1.9% under

40.5 % Used ||

Past YTD: 38.80%

AVG YTD Loss: 44.14%

13 Mth Loss Rpt Bville WTP



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BROWNSVILLE TREATMENT PLANT**

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 Gallons Lost 20.126
 Percentage Loss 49.62%
 GPM Loss 451

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 Average Pumped 1.3080

Gallons Accounted for:
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 Plant Use 0.685
 Computer Adj. 0.000
 Other (WAX) 0.000
 Total 0.685

Booster Station Conditions

	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Building & Grounds	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Electrical & Telemetry	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Piping and valves	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Pumps	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent

Tanks Conditions

 Poor Fair Good Excellent

Site Condition

 Poor Fair Good Excellent

Evidence of overflow Yes No

Treatment Plant Appearance

Buildings	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent
Grounds	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent
Intake	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent
Road & entrance	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent

Testing Done as required x Everyday Almost every day Some Never
 Housekeeping as required x Yes No
 Mowing as required x Yes No
 Proper reports filled out x Yes No Sometimes

Equipment, pumps and etc. properly maintained x Accord. to maintenance man. Sometimes
 Never

Operator overseeing treatment x Was available while on duty x Was away from plant occasionally
 Was away from plant more than needed

Comments:

\$1.26 Produced

\$2.59 sold

With this report I certify that I have personally inspected the operation and maintenance for the month of
 May 2022 and that it is accurate to the best of my knowledge.

Tim Brewster

6-14-2022

Operator

Date

Edmonson Co Water District

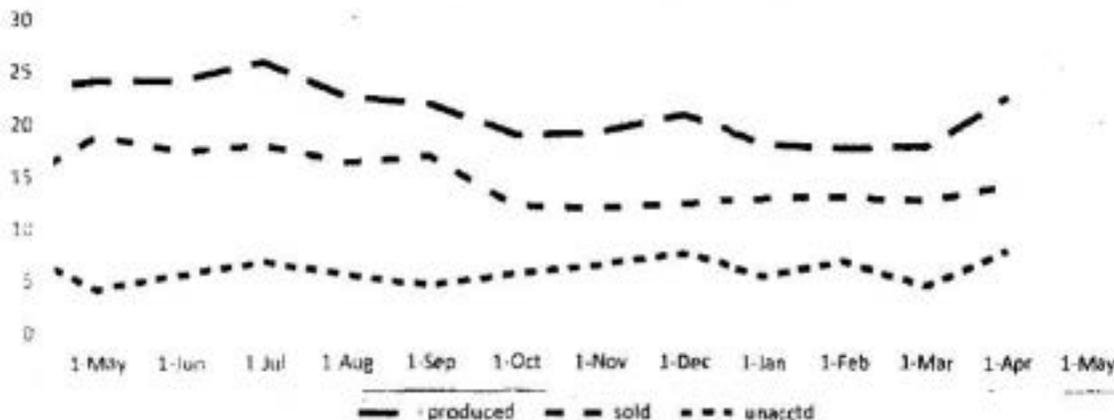
Monthly Water Loss Report

May-22		Wax	WTP
		May-21	Totals
A:	Produced	22,451 MG	23,289 MG
	Purchased	0,000 MG	0 MG
	Total	22,451 MG	23,289 MG
Sold	<i>Residential</i>	14,006 MG	14,214 MG
	<i>Wholesale</i>	MG	MG
	Total Sold	14,006 MG	14,214 MG
B:	Difference	8,445 MG	9,075 MG
	% Difference	37.61%	38.97%
Gallons Acctd For:			
	<i>Breaks</i>	MG	MG
	<i>Hyd. Flushing</i>	MG	MG
	<i>Tank Overflow</i>	MG	MG
	<i>Plant Use</i>	0,737 MG	0,996 MG
	<i>Fire Dept Use</i>	MG	MG
	<i>Adjustments +/-</i>	MG	MG
	<i>Other</i>	MG	MG
C:	Total Gallons Acctd For:	0,737 MG	0,996 MG
	Loss Unacctd for Water (B-C)	7,708 MG	8,079 MG
	% Loss Unacctd for (B-C)/A	34.33%	34.69%
	Gallons / Day (+/-)	248,639	260,261
	Gallons / Minute (+/-)	173	181

YTD Budget: _____ % Used || Past YTD: _____

AVG YTD Loss:

13 month loss report wax plant



MONTHLY INSPECTION & REPORT FORM

wax treatment plant

May-22

Gallons Pumped	22,451
Gallons Sold	14,008
Gallons Lost	7,708
Percentage Loss	34.33%
GPM Loss	173

Maximum Pumped	921,900
Minimum Pumped	521,000
Average Pumped	724,219

Gallons Accounted for	
Tank Overflow	0
Plant Use	0.958
Computer Adj.	0
Other	0
Total	0.958

Booster Station Conditions

_____	Poor	_____	Fair	_____ <u>y</u> _____	Good	_____	Excellent	
<i>Building & Grounds</i>	_____	Poor	_____	Fair	_____ <u>y</u> _____	Good	_____	Excellent
<i>Electrical & Telemetry</i>	_____	Poor	_____	Fair	_____ <u>y</u> _____	Good	_____	Excellent
<i>Piping and valves</i>	_____	Poor	_____	Fair	_____ <u>y</u> _____	Good	_____	Excellent
<i>Pumps</i>	_____	Poor	_____	Fair	_____ <u>y</u> _____	Good	_____	Excellent

Tanks Conditions

_____	Poor	_____	Fair	_____ <u>y</u> _____	Good	_____	Excellent
-------	------	-------	------	----------------------	------	-------	-----------

Site Condition

_____	Poor	_____	Fair	_____ <u>y</u> _____	Good	_____	Excellent
-------	------	-------	------	----------------------	------	-------	-----------

Evidence of overflow _____ Yes _____ No

Treatment Plant Appearance

_____	Poor	_____	Fair	_____ <u>y</u> _____	Good	_____	Excellent	
<i>Buildings</i>	_____	Poor	_____	Fair	_____ <u>y</u> _____	Good	_____	Excellent
<i>Grounds</i>	_____	Poor	_____	Fair	_____ <u>y</u> _____	Good	_____	Excellent
<i>Intake</i>	_____	Poor	_____	Fair	_____ <u>y</u> _____	Good	_____	Excellent
<i>Road & entrance</i>	_____	Poor	_____	Fair	_____ <u>y</u> _____	Good	_____	Excellent

<i>Testing Done as required</i>	_____ <u>y</u> _____	Everyday	_____	Almost every day	_____	Some	_____	Never
<i>Housekeeping as required</i>	_____ <u>y</u> _____	Yes	_____	No	_____			
<i>Mowing as required</i>	_____ <u>y</u> _____	Yes	_____	No	_____			
<i>Proper reports filed out</i>	_____ <u>y</u> _____	Yes	_____	No	_____	Sometimes		

Equipment, pumps and etc. properly maintained _____ y _____ Accord. to maintenance man. _____ Sometimes
 _____ Never

Operator overseeing treatment _____ Was available while on duty _____ y _____ Was away from plant occasionally
 _____ Was away from plant more than needed

Comments

With this report I certify that I have personally inspected the operation and maintenance for the month of
 May-22 and that it is accurate to the best of my ability.

chris graham 6-7-2022 _____

Operator

Date

MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

May-22

<u>10025</u> payments received in office for the the month	
<u>2053</u> received from by mail	<u>20.48%</u> paid by mail
<u>221</u> received by walk in	<u>2.20%</u> paid by walk in
<u>59</u> received by credit card	<u>0.59%</u> paid by credit card
<u>2519</u> received from bankdraft	<u>25.13%</u> paid by bankdraft
<u>997</u> received from drive thru	<u>9.95%</u> paid by drive thru
<u>3893</u> received from online	<u>38.83%</u> paid online
<u>283</u> received from n.d	<u>2.82%</u> paid by n.d.
<u>35</u> was the most customers walk in payments received	<u>5/13/2022</u>
<u>105.00</u> Membership Fees Collected	<u>65.00</u> Reconnect Fees Collected
<u>16.30435</u> Tap Fees Collected	<u>5.2088</u> Return Check Fees Collected

<u>11,134</u> Customer	<u>30,771,300</u> Total Gallons Sold	<u>\$ 301,580.23</u> \$ Amount
<u>2,969,000</u> Gals-City	<u>\$ 9,203.90</u> \$ Amount	<u>\$ 127,892.86</u> Online Amount

<u>1491</u> Phone Calls Logged	<u>388</u> Work Orders Prepared	
Routes 1-10 Delinques ent Notices mailed	<u>359</u>	
<u>29</u> Customers Disconnected		<u>\$ 0.98</u>
<u>8</u> Rehung same day		Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	<u>314</u>	
<u>16</u> Customers Disconnected		
<u>2</u> Rehung same day		

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

May-22

<u>56</u> Customers	<u>\$ 4,288.23</u> Revenue Received
<u>206,000</u> Gallons Treated	<u>\$ 946.04</u> Cost
<u>4100</u> Gallons Treated	<u>17.38</u> Cost
<u>0</u> Customers Disconnected	<u>\$ 963.42</u>

Comments:

Eucawolf
SIGNATURE

6/13/22
DATE

June 28th, 2022

ECWD

Present: Jimmy Mills, Barry Rich, N.E. Reed, Tom Goff, Tony Sanders, Jeff Basham, Dylan Hazelwood, Erica Wolfe

Minutes:

Motion made by N.E. Reed to dispense the reading of the minutes, second by Barry Rich. Motion carried.

Wax - Hart Co:

Tony reports that we have been running Fork's Pump station and a water conservation advisory has been issued for the area. Tony reported that he called the Judge in Hart County and contacted emergency management as well. We are purchasing water from Green River Valley Water District; they have the ability to supply water to about 200 of our customers. Green River Valley had a leak and they have had to shut the valve off for a few days, but they are still supplying us with supplemental water. Sunday afternoon the electric went off at Wax and in Cub Run. Due to the outage, we were not able to pump water for about two and a half hours. Right now, Wax is still holding stable. Running Forks has really helped. Tony reports that we will not have any issue running Forks once we get a sixteen-inch line put in. We are not pumping as much as we could be if we had larger lines. Wax Treatment plant has a capacity to pump 1 million gallons. We are currently pumping 800,000 gallons, 900,000 gallons with the use of Forks Pump. Right now, they are pumping around the clock, over fourth of July weekend there will likely be high usage, so we will likely have to continue pumping around the clock.

Brownsville Plant:

██████ has been training to work at Brownsville plant. He will train for a few more weeks than he will be able to work there 8-16 hours per week. ██████████ are going this fall to take their test to become licensed.

Locke 5:

The gauge has been repaired and the current elevation is 403 ft at the intake. On one side the water is at the top of the screen on the other side the screen is slightly above the water. Tony reported that he spoke with Lee with Fish and Wildlife. Tony is waiting on an email from the Corps of Engineers they would like to have an in-person meeting. Lewis will be present for the meeting on Thursday he has been on vacation but he will be back by then. We are currently 1.5 ft above the minimum water level requirement. We have already lost about 80 gallons per minute per Donie, 60 gallons a minute per Tim Brewster. Tony reports that we have received calls from Edmonson News and WBKO. WBKO would like to do a live interview. Brett Guthrie will be at the office around 12:15-12:30 in the morning to see the

water levels. Barry suggests letting WBKO know about the visit from Guthrie. Michael Meredith has contacted Mitch McConnell and Rand Paul about the situation. Tony reports that one potential option would be building our own dam like BGMU. That may be the most cost effective solution. We took a break from the meeting because Tony got a call from WBKO. After resuming the meeting N.E. Reed requested that the commissioners get a conference call daily with updates regarding the condition of Brownsville Treatment Plant and the Green River. Tony stated that he could call the commissioners around 9am daily.

O&M Reports:

Tony reports that water loss appears higher due to April sales and May's pumping being compared. The water loss percentage should come down. Lawrence has been hunting leaks at night.

Check Approval:

Motion made by Barry Rich and seconded by N.E. Reed to approve the checks from May.

Disconnect Error:

On the most recent disconnect a meter got pulled in error. The customer was out of water for several hours until the situation was remedied. She requested to see if she is eligible for any type of credit due to the error. N.E. Reed made a motion to give her a credit of \$10 if she is willing to sign a liability waiver, seconded by Barry Rich. Motion carried.

Contract for Water Line Extension:

Tony reports that he is still working on the new contract for water line extensions and that we are also re-evaluating our transfer/application forms.

New Subdivisions:

Lewis is working on the plans for the Division of Water for [REDACTED]. Tony reports that he gave [REDACTED] the estimates for his subdivision and he agreed to pay for the materials. Tom is getting a contract drawn up. [REDACTED] was also wanting to put in a new subdivision, Lewis did a hydraulic study it is borderline, Lewis would not recommend doing it. Lewis conducted a hydraulic study on the 40-lot subdivision at Iberia, and said that it looks good. The people who bought land at Ponderosa are also interested in a putting in a subdivision a hydraulic study will have to be completed on that.

Cleaner Water:

We have the engineer ranking next week. 3-4 engineers have contacted and put in their qualifications. We will score engineers and pick a firm. We will need to amend the budget to receive \$446,221 from Edmonson, \$202,773 from Hart, \$168,112 from Grayson, and \$15,000 for the Grayson County Relocation Project. This amendment does not account for ARPA funds. Motion made to adopt all three resolutions, accept the grant funds, amend the budget, and appoint Jimmy Mills as the representative. Motion made by N.E. Reed, seconded by Barry Rich. Motion carried.

Distribution:

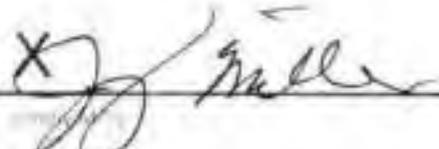
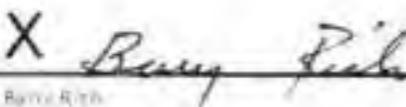
Tony reports that we are having issues with the intern, one day he wasn't here and he has missed a few times. He is not our employee but is an employee of the military interning for us. We are requiring that he clock in, in case the military requests that information. We have received a few applications and we are looking for someone experienced to hire for the distribution team.

[REDACTED]
It is almost completed, [REDACTED] has requested it be extended 200 ft, we will have to evaluate if that is possible.

[REDACTED]
Tony reports that he has not heard back from [REDACTED]. We will pull the meter at the hotel and the fuse at the pump.

Adjourn

Motion made by Barry Rich to ^{adjourn} ~~adjourn~~ the meeting, seconded by N.E. Reed. Meeting adjourned.

X  X 
Jimmy Mills Barry Rich

X _____
N.E. Reed

July 12th, 2022

ECWD

Present: Jimmy Mills, Barry Rich, Tony Sanders, Tom Goff, Tim Brewster, Erica Wolfe

Financial Report:

Tony reports that we sold a lot of water this month. The report compares this month's pumping with last month's sales. Next month will show a more accurate depiction. Right now, we are showing a negative bond coverage, meaning we have spent more than we took in last month. We are over budget in salaries, purchased inventory parts, and transportation expenses. Fuel was approximately \$2.20 last year versus nearly \$5 a gallon this year. Meter supplies and parts have also increased dramatically. Retail sales will be up next month. We have one more set of meters to order and receive and pay for this year. The budget is pretty close other than those three categories purchased inventory, salaries, and transportation expenses. Tony reported that increased revenue will show on the financial report next month. Tony reports that right now we are still buying water from Green River Valley Water District.

Meter Change Outs:

Tony reports that one of the employees of the contractor had a wreck and they will not be working for the next few weeks. The board discussed the contractor needing to renew his bond coverage for what is left on the contract next year.

Water Conservation Plan:

Tony reports that if there continue to be issues that we may need to stop irrigation to conserve water.

Wax Plant:

The system has outgrown the plant. Tony reports that we did not run out of water but he thought we might a few times. Some customers experienced low pressure. Tony reports that he and Steffan will check the pressure at the pump stations and get that information to Louis. A portable pump is being considered to assist until a new plant can be constructed. Tony is talking to [REDACTED] about purchasing some land as a site for the new water plant. It is 9.532 acres. He is asking \$450,500 per lot, or \$369,500 per lot if we purchase all of it. Tom suggested negotiating a six month to one year option to buy. Tom suggested to see how much it'd take to secure an option to buy since we are unsure are plan of action at this point.

Subdivisions:

There is a new subdivision going in at Ponderosa but the developer has not come in for a contract yet. The forty-lot subdivision at Iberia may be turned into eighty condominiums. We will have to evaluate if we can service the eighty condos as it was previously evaluated as forty lots.

Options for Wax Plant:

Tim Brewster discussed Brownsville Plant taking over Lincoln short term. Green River Valley taking over part of our system was also discussed. There is uncertainty if Green River Valley would have the capacity to service our customers. The option of moving the whole system and upgrading distribution was also discussed.

Tony spoke with [REDACTED] via Phone:

Tony suggested a six-month nonrefundable option to buy. [REDACTED] that he didn't know if they could set on it for six months. The land is already platted, deeded, and recorded. [REDACTED] stated he would speak with the other parties involved and get back with Tony.

Motion made that if [REDACTED] agrees to six-month option to buy to offer a nonrefundable \$5,000. Motion made by Barry Rich, second by Jimmy Mills. Tom to draw up contract. Motion carried.

Engineer Procurement:

GRW was awarded the engineering for the Cleaner Water Project. They are preparing the contract and will get back with us in the next week or two.

Change of Reimbursement for Developers:

Instead of reimbursing for fifty feet of cost Tony created a new contract stating that ECWD would reimburse half the tap fee for a period of no longer than ten years for each meter set. The developer would be responsible for plans, engineering, and submitting to Division of Water. ECWD would do the inspection but there would be an inspection fee. Tony reported we are waiting on reevaluating the reconnection fee but we are reevaluating tap fees right now.

Federal Appraisal:

Tony reports he will try to find someone to do a federal appraisal of the land we are considering purchasing.

Priorities Moving Forward:

Tony reports we need to have a plan to provide to the Corps when we request that they hold the water level. We need to be able to submit the profile to the Water Council at their next meeting in September. We also have to have an answer to give to Chad Harston regarding the option to buy.

With either option building a new treatment plant or expanding Brownsville at the end of the process the current treatment plant at Wax would be abandoned. The cost of either option is similar, it is about which option we prefer. The expansion of Brownsville plant assumes that there will be water at the current intake and if there is not the Corps of Engineers will assist in paying for a solution to that problem.

Louis reported that it will take a combination of fund sources to cover the cost of either option. He reports that it is unlikely that one fund source would provide that much. We would likely need to utilize RD & KIA. In order to cover the cost for \$20 million our water rates would need to be increased by \$10-\$12.

Right of way easements could also be an issue with either option. The landowner and the corps have not been addressed regarding lake access if the option to build a new plant is pursued.

If Brownsville plant is upgraded to a six million gallon a day plant it would transition from a class three to a class four plant. This would require different licensure for operators.

A decision will need to be made by next meeting to give Louis time to prepare the plans/profile for the Water Council meeting in September.

Motion to Proceed with Option to buy:

Motion made by Barry Rich and seconded by Jimmy Mills to proceed with the six-month option to buy for \$10,000.

Contract for Reimbursing Developers:

Tom is continuing to review and prepare the changes for PSC submittal.

Tap On Fee:

Tony calculated the cost of meter installation. He is proposing that our tap on fee be increased from \$575 to \$975 due to rising costs of parts, labor, and fuel. Tony will double check figures and will get the information to Tom as soon as possible.

Meter Change Out:

██████████ with Vanguard has passed away, his wife intends on taking over the company and the meter change out contract. Tom stated that shouldn't be an issue as long as his wife is the executrix. Tony reported that he will speak with the bond company as well.

Division of Water/Sanitary Survey:

The administrative portion was completed by Tony and Erica by zoom. The Division of Water came and inspected the plants and the distribution system. Only two deficiencies were noted. The DNR 5000 was not working at inspection and there was vegetation growing on Peonia Tank. Tony reported that we are to remedy the issues and provide a written response within 90 days.

Disconnect/Customer Complaint:

Tony explained a situation that occurred between ██████████ and a customer ██████████ reported that she did not say what the customer reported that she did. Tony reported that he did not know what was said and what wasn't. Tony suggested that we begin recording phone calls. The board agreed. Tom said it wasn't required if one party knew but it may be wise to inform customers that they are being recorded. Tony reported we will start recording calls.

Ky Rural Water:

Motion made to appoint Tony Sanders as the voting representative and Jeff Basham to be the alternate at the KRWA meeting by Barry Rich, seconded by Jimmy Mills. Motion carried

Costs Re-evaluated:

Louis re evaluated the cost. To expand Brownsville to a 6 million gallon a day plant it would be approximately \$40 million and to build a 2.9 million gallon treatment plant at Wax would be approximately \$43 million.

Customer whose meter got mistakenly pulled:

The customer did not accept the \$10 and did not agree to sign the waiver. The board agreed to give her a credit of an average bill and not require the waiver.

Check Approval:

The check report was given for June. Motion made by Barry Rich to approve checks for the month, seconded by Jimmy Mills. Motion carried.

Adjourn:

Motion made by Barry Rich to adjourn meeting. Seconded by Jimmy Mills. Meeting adjourned.

1
X *J Mills*
Jimmy Mills

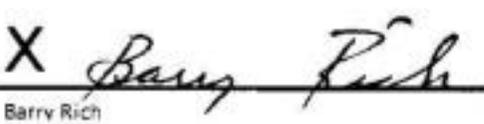
X *Barry Rich*
Barry Rich

July 12, 2022

We have reviewed and approved the transactions for the month of June 2022 for the following accounts. The documents that have been reviewed are attached.

- Water Operation & Maintenance (Account ID: 13400)
- Membership Fee Fund (Account ID: 13200)
- Health Insurance Deduction Reserve (Account ID: 13530)
- Debit Card Account (Account ID: 13410)
- Sewer Operation & Maintenance (Sewer Account ID: 13400)

X 
Jimmy Mills

X 
Barry Rich

X

N E Reed

July 26th, 2022

ECWD

Present: Jimmy Mills, Barry Rich, Tony Sanders, Louis Robbins, Jeff Basham, Tim Brewser, Dylan Hazelwood, Erica Wolfe

Minutes: Motion made by Barry Rich to dispense the reading of the minutes, second by Jimmy Mills. Motion carried.

Department Reports:

Right now, we are pumping a lot of water from Brownsville to Wax. We have been getting water from Green River Valley and pumping nearly 24/7. At the peak Brownsville was sending up to 200,000 gallons of water a day. We are only running about 52 hertz at River Hill Booster when the new 12-inch line goes in we will be able to pump more water from Brownsville to Wax.

There continues to be issues getting water from Wax to Cub Run. Louis Robbins reports A short-term remedy for that would be to put in a temporary pump station between Big Windy Booster Station and Cub Run Tank. It could be a trailer mounted temporary pump. Louis recommends putting in the same size that Big Windy currently has. It would increase the flow from 200 gallons per minute to 290 gallons per minute. If we get to the point that it is no longer needed there it could be moved between Cub Run and Kessinger as well. The potential cost is between \$50,000-\$75,000. It would be similar to our other pump stations it would have a dog house style covering and would need a power hook up.

Tony reported that he spoke to the Judge in Hart County about providing service to additional areas and told him we may have an issue expanding because we are struggling to provide water to our current customers. Tony said that he spoke with Roger Rectenenwall and there is supposed to be more cleaner water money coming.

Problems with Filter at Wax:

There was an issue with the filter at Wax Plant. They were only able to filter about half of what they needed to. It has never happened before but it got airlocked. Tim, Tony, and Dylan went to work on it. The air finally got released and so far, things are going well this morning.

Water Loss:

Tony reported that each plant has about a 40% water loss. We currently have an overall water loss of 38%. Tony reported that he met with the distribution team and went over the water loss plan that was submitted to the PSC. Tony reported that the goal is to get water loss down to 20% in the next 18 months.

Locke 5/Brownsville Plant:

Tony reported that he hasn't heard anything since last week. Last thing we heard is the Corps has no intention to continue Locke removal until there is a viable plan in place. On July 29th there is a meeting with the nature conservancy to discuss potential solutions. Tony reports they will schedule a meeting with us after that meeting.

██████████/Option to Buy

Tony reported that ██████████ got back with him and he is willing to do a \$10,000 six-month option to buy. If we decide to buy the property the \$10,000 will go towards the purchase. If we decide not to proceed that \$10,000 will be nonrefundable.

Louis Robbins on Options for Wax Plant:

Louis said there were three potential options. One is that we could build a new intake and do plant expansion at the current plant at Wax. This is not a feasible option due to very limited usable property around the current site. This is not a feasible plan. Another option is to build a new intake and new treatment plant at Wax. There are several promising spots on the Cub Run side of the bridge. Louis looked at the cost and line modifications it would be approximately \$38,400,000 for a new plant, intake, and lines. Louis stated that river work is very unpredictable and he is more unsure of the pricing for the new plant. The timeline would be at least four plus years to operational. The third option would be to expand and to get water from Brownsville. We would need two major pump stations, pressure reducing stations, operational changes, and a twelve-inch line from Cub Run to Wax Treatment Plant. The cost would be approximately \$34,200,000 to expand Brownsville another 1.5 million gallons per day taking it to a 4.5 million gallon per day plant. To increase to a 6 million gallon per day plant would be another 2-3 million dollars. If we expanded Brownsville, we would have to plan on chlorinating out in the distribution system. Louis would also suggest an elevated tank that would be approximately \$1,000,000. Bringing the cost of the expansion to approximately 38,200,00.

The potential expansion of Brownsville Treatment plant does not factor in the current intake situation. It is assuming that the issue would be resolved and water would be available.

Adjourn:

Motion made by Barry Rich to adjourn the meeting, second by Jimmy Mills. Meeting adjourned.

X *J Mills* X *Barry Rich*
Jimmy Mills Barry Rich

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility: Edmonson County Water District

For the Month of: JUNE Year: 2022

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	72,489,000
3	Water Purchased	
4	TOTAL PRODUCED AND PURCHASED	72,489,000
5		
6	WATER SALES	
7	Residential	38,708,800
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	2,839,600
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	41,548,400
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	1,396,300
18	Wastewater Plant	
19	System Flushing	1,000,800
20	Fire Department	
21	Other Usage (explain) * PUMPS *	500000
22	TOTAL OTHER WATER USED	2,897,100
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	1,305,000
27	Line Leaks	26,738,500
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	28,043,500
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	38.69%

MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS:

TOTAL GALLONS PUMPED	<u>72,489,000</u>	GALLONS FLUSHED	<u>1,000,800</u>
TOTAL GALLONS SOLD	<u>41,548,400</u>	NUMBER OF LEAKS	<u>30</u>
TOTAL GALLON LOSS	<u>30,940,600</u>	ESTIMATED GALLONS	<u>1,304,670</u>
PERCENTAGE LOSS	<u>42%</u>	RIVER HILL PUMPS	<u>500,000</u>
GALLONS ACCOUNTED FOR	<u>2,814,420</u>	TANK OVERFLOW	<u>8950</u>
GALLONS UNACCOUNTED FOR	<u>28,126,180</u>	OTHER Fire Dep	<u>380%</u>

VEHICLE MAINTAINANCE:

ACCORDING TO MAINTAINANCE MANUAL
 SOMETIMES
 NEVER

EQUIPMENT MAINTAINANCE:

ACCORDING TO MAINTAINANCE MANUAL
 SOMETIMES
 NEVER

MOWING DONE AS REQUIRED:

YES NO PARTLY

SYSTEM APPEARANCE:

LINES	<input type="checkbox"/>	POOR	<input checked="" type="checkbox"/>	FAIR	<input type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
PRESSURE STATION	<input type="checkbox"/>	POOR	<input type="checkbox"/>	FAIR	<input checked="" type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
TANK SITE	<input type="checkbox"/>	POOR	<input type="checkbox"/>	FAIR	<input checked="" type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
BOOSTER STATION	<input type="checkbox"/>	POOR	<input type="checkbox"/>	FAIR	<input checked="" type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
STORAGE YARD & LOT	<input type="checkbox"/>	POOR	<input type="checkbox"/>	FAIR	<input checked="" type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
MAINTAINANCE	<input type="checkbox"/>	POOR	<input type="checkbox"/>	FAIR	<input checked="" type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
OFFICE GROUNDS	<input type="checkbox"/>	POOR	<input type="checkbox"/>	FAIR	<input checked="" type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
VALVES	<input type="checkbox"/>	POOR	<input type="checkbox"/>	FAIR	<input checked="" type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
METERS	<input checked="" type="checkbox"/>	POOR	<input type="checkbox"/>	FAIR	<input type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT

TESTING DONE AS REQUIRED:

EVERY DAY ALMOST EVERY DAY
 SOME NEVER

PROPER REPORTS FILLED OUT:

YES NO

TOOL INVENTORY:

CHECKED & BALANCED CHECKED & SOME GONE
 NOT CHECKED

MATERIAL INVENTORY:

CHECKED & BALANCED CHECKED & SOME GONE
 NOT CHECKED

COMMENTS:

Trying to find leaks and fix them as fast as possible.
Trying to keep locates and work orders caught up.

WITH THIS REPORT I CERTIFY THAT I HAVE INSPECTED THE OPERATION AND MAINTAINANCE FOR THE MONTH OF

June

Dylon Hazelwood

OPERATOR

7-21-22

DATE

Edmonson Co Water District

Monthly Water Loss Report

June 2022

Brownsville WTP

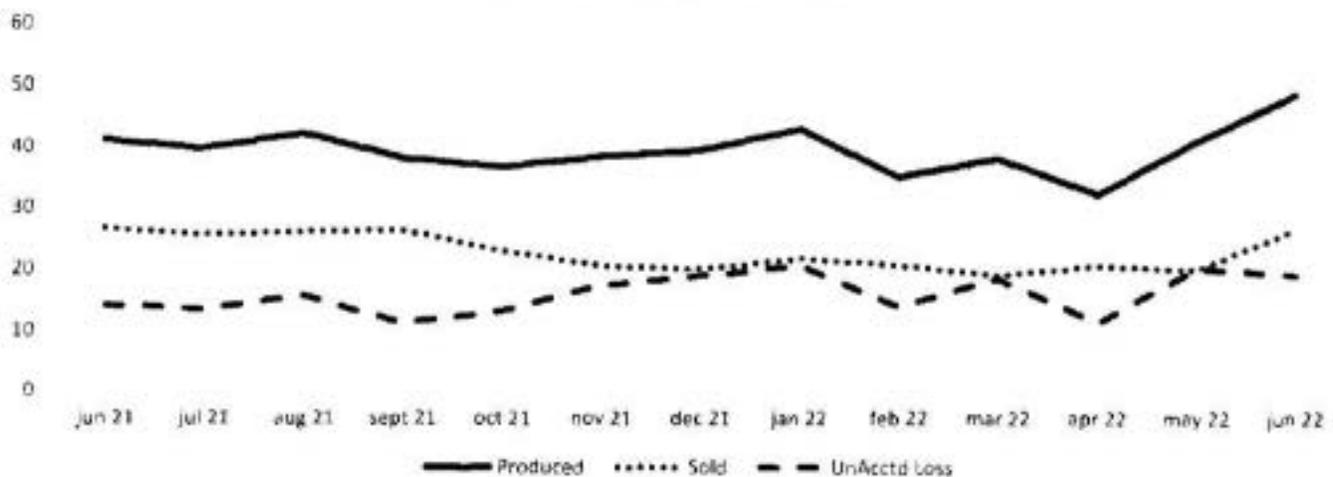
June-21 Totals

A: Produced		48.1280 MG		41.029 MG
Purchased		_____ MG		_____ MG
Total		48.1280 MG		41.029 MG
Sold	<i>Residential</i>	23.5278 MG		20.6017 MG
	<i>Wholesale to City</i>	2.8396 MG		4.878 MG
Total Sold		26.3674 MG		26.4795 MG
		_____ MG		_____ MG
B: Difference		21.7606 MG		14.550 MG
% Difference		45.21%		35.46%
Gallons Acctd For:				
	<i>Breaks</i>	_____ MG		_____ MG
	<i>Hyd. Flushing</i>	_____ MG		_____ MG
	<i>Tank Overflow</i>	_____ MG		_____ MG
	<i>Plant Use</i>	0.6093 MG		0.5912 MG
	<i>Fire Dept Use</i>	_____ MG		_____ MG
	<i>Adjustments +/-</i>	_____ MG		_____ MG
	<i>Other (Wax)</i>	2.2680 MG		_____ MG
C: Total Gallons Acctd For:		2.8773 MG		0.5912 MG
Loss Unacctd for Water (B-C)		18.8833 MG		13.8583 MG
% Loss Unacctd for (B-C)/A		39.24%		34.02%
Gallons / Day (+/-)		629,443		465,277
Gallons / Minute (+/-)		437		323

YTD Budget: _____ % Used || Past YTD: 38.84%

AVG YTD Loss: 43.32%

13 Mth Loss Rpt Bville WTP



MONTHLY INSPECTION & REPORT FORM BROWNSVILLE TREATMENT PLANT

Gallons Pumped	48,1280
Gallons Sold	26,3674
Gallons Lost	18,8833
Percentage Loss	39.24%
GPM Loss	437

Maximum Pumped	2,002
Minimum Pumped	1,025
Average Pumped	1,4930

Gallons Accounted for:	
Tank Overflow	0.000
Plant Use	0.6093
Computer Adj.	0.000
Other (Wax)	2.268
Total	2.8773

Booster Station Conditions	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent
Building & Grounds	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent
Electrical & Telemetry	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent
Piping and valves	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent
Pumps	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent

Tanks Conditions	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent
-------------------------	-------------------------------	-------------------------------	-------------------------------	------------------------------------

Site Condition	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent
Evidence of overflow	<input type="checkbox"/> Yes	<input type="checkbox"/> No		

Treatment Plant Appearance

Buildings	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
Grounds	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
Intake	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
Road & entrance	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent

Testing Done as required	<input checked="" type="checkbox"/> Everyday	<input type="checkbox"/> Almost every day	<input type="checkbox"/> Some	<input type="checkbox"/> Never
Housekeeping as required	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Mowing as required	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Proper reports filled out	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Sometimes	

Equipment, pumps and etc. properly maintained	<input checked="" type="checkbox"/> Accord. to maintenance man.	<input type="checkbox"/> Sometimes
	<input type="checkbox"/> Never	

Operator overseeing treatment	<input checked="" type="checkbox"/> Was available while on duty	<input checked="" type="checkbox"/> Was away from plant occasionally
	<input type="checkbox"/> Was away from plant more than needed	

Comments:

Intake screens and intake bldg cleaned out by green river diving.

River elevation ogg of USGS guage on 6/16 at 11pm.

Jun 24 river guage back in operation, top of upper intake screen visible.

With this report I certify that I have personally inspected the operation and maintenance for the month of
June 2022 and that it is accurate to the best of my knowledge.

Tim Brewster

7/6/2022

Operator

Date

Edmonson Co Water District

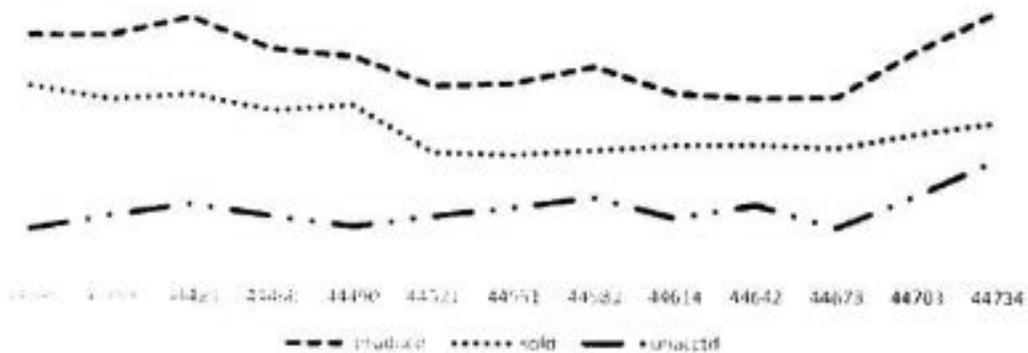
Monthly Water Loss Report

		Jun-22	Wax	WTP
			Jun-21	Totals
A:	Produced	24,361 MG	24,145 MG	
	Purchased	2,268 MG	0 MG	
	Total	26,629 MG	24,145 MG	
Sold	Residential	15,181 MG	18,869 MG	
	Wholesale	MG	MG	
	Total Sold	15,181 MG	18,869 MG	
B:	Difference	11,448 MG	5,276 MG	
	% Difference	42.99%	21.85%	
Gallons Acctd For:				
	Breaks	MG	MG	
	Hyd. Flushing	MG	MG	
	Tank Overflow	MG	MG	
	Plant Use	0.787 MG	1.067 MG	
	Fire Dept Use	MG	MG	
	Adjustments +/-	MG	MG	
	Other	MG	MG	
C:	Total Gallons Acctd For:	0.787 MG	1.067 MG	
	Loss Unacctd for Water (B-C)	10,661 MG	4,209 MG	
	% Loss Unacctd for (B-C)/A	40.04%	17.43%	
	Gallons / Day (+/-)	355,370	140,300	
	Gallons / Minute (+/-)	247	97	

YTD Budget: _____ % Used || Past YTD: _____

AVG YTD Loss:

13 month loss report wax plant



MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

Jun-22

<u>10075</u> payments received in office for the the month	
<u>2014</u> received from by mail	<u>19.99%</u> paid by mail
<u>137</u> received by walk in	<u>1.36%</u> paid by walk in
<u>45</u> received by credit card	<u>0.45%</u> paid by credit card
<u>2535</u> received from bankdraft	<u>25.16%</u> paid by bankdraft
<u>1010</u> received from drive thru	<u>10.02%</u> paid by drive thru
<u>4101</u> received from online	<u>40.70%</u> paid online
<u>233</u> received from n.d	<u>2.31%</u> paid by n.d.
<u>30</u> was the most customers walk in payments received	<u>6/7/2022</u>
<u>90.00</u> Membership Fees Collected	<u>37.00</u> Reconnect Fees Collected
<u>14.34783</u> Tap Fees Collected	<u>3.1324</u> Return Check Fees Collected

<u>11,189</u> Customer	<u>44,798,000</u> Total Gallons Sold	<u>\$ 379,191.37</u> \$ Amount
<u>2,839,600</u> Gals-City	<u>\$ 8,802.76</u> \$ Amount	<u>\$ 141,568.83</u> Online Amount

<u>1597</u> Phone Calls Logged	<u>327</u> Work Orders Prepared	
Routes 1-10 Delinquent Notices mailed	<u>359</u>	
<u>14</u> Customers Disconnected		<u>\$ 0.85</u>
<u>11</u> Rehung same day		Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	<u>271</u>	
<u>6</u> Customers Disconnected		
<u>3</u> Rehung same day		

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

Jun-22

<u>56</u> Customers	<u>\$ 3,915.90</u> Revenue Received	
<u>206,000</u> Gallons Treated	<u>\$ 946.04</u> Cost	
<u>4100</u> Gallons Treated	<u>17.38</u> Cost	<u>\$ 963.42</u>
<u>0</u> Customers Disconnected		

Comments:

Quia Wolfe
 SIGNATURE

7/8/22
 DATE

Emergency Meeting

7/29/22

ECWD

Present: Jimmy Mills, Barry Rich, Tony Sanders, Jeff Basham, Dylan Hazelwood, Erica Wolfe

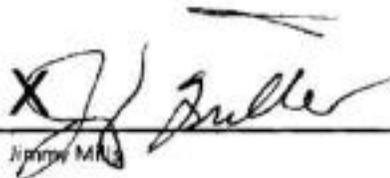
Dylan reported to the board that the motor on the trackhoe has gone out. It will cost \$12,000 to get it repaired. Dylan got quotes on a new one. A new Kato from Kato CES will be \$89,800 we could have it in two weeks but if we pass it may be next spring before they have anymore available. Dylan got a quote from Case it came in at \$126,000. He requested a quote from John Deere but they only had smaller trackhoes and they had not sent in a quote at the time of the meeting. Kato is willing to give us \$15,000 trade in on our current trackhoe. Dylan reports that it may bring more at auction but not sure if we would want to sell it as is with the motor out on it. If we do the trade in, we can get a trackhoe from Kato for \$74,800. Kato warranties the machine and they do the first service on it. Kato has also got the last few low bids on similar equipment.

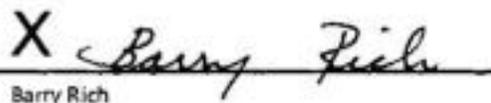
Tony called Hobdy, Dye, and Read for price and availability during the meeting. They said that they did not have a KX080 in stock and it would be 90-120 days for delivery.

Barry Rich made a motion to purchase the trackhoe through Kato CES at \$89,800 with the \$15,000 trade in on our current trackhoe and to declare an emergency due to having an immediate need for a working trackhoe. We need the trackhoe on a near daily basis. If the trackhoe doesn't arrive in a realistic timeframe permission is given to obtain a rental. Seconded by Jimmy Mills. Motion carried.

Adjourn:

Motion made to adjourn the meeting by Barry Rich, second by Jimmy Mills. Motion carried, meeting adjourned.

X 
Jimmy Mills

X 
Barry Rich

August 9th, 2022

ECWD

Present: Tony Sanders, Louis Robbins, Jimmy Mills, Barry Rich, Dylan Hazelwood, Tom Goff, Norman Meredith, Jeff Basham, Erica Wolfe, Wil Cannon, Tim Brewster

Minutes:

Motion made by Barry Rich to dispense the reading of the minutes, second by Jimmy Mills. Motion carried.

Sewer Treatment/City of Brownsville:

This month after receiving a bill of .79, which was an error of the city, the bill was calculated and we discovered since 2020 we have been charged \$4.00 per thousand instead of the price agreed upon in the contract which was \$3.25 per thousand. The city raised the rate without notifying us. Tony reported that he reviewed the ordinance and the rate charged to ECWD was not mentioned. Tony had it calculated how much we have overpaid it was \$67.89 for the bus garage and \$4,740.59. Tom stated that they should've given us notice. Tony reported that he spoke with the city clerk about it but he hasn't heard anything from the mayor. Tony reported that he will provide Tom with a copy of the contract and the ordinance as well as a list of the overpayments. Motion made for Tom to write a letter to the city about the issue by Barry Rich second by Jimmy Mills, motion carried.

Treatment Operator Classes:

Tony reported that he signed [REDACTED] and [REDACTED] up to take the operator's license certification. There have been issues with [REDACTED] application. He doesn't not have a copy of his GED certificate. He has a DD214 that states that he completed his high school equivalency. The state is saying that they will not accept that as proof of completion. [REDACTED] reported that obtaining a military GED is hard. [REDACTED] reports that he took the GED in March of 1986 and as far as he knows he passed. [REDACTED] reported that he has been talking to the Division of Water to try and get the application pushed through. A company called Parchment handles the military GEDs prior to a certain year. Tim reports that he put in a claim with Parchment and he is hoping to get the matter resolved. Tom recommended getting in contact with Representative Guthrie's office that they may be helpful in getting responses from the military.

Agreement with [REDACTED]:

The agreement states that [REDACTED] will pay for materials. The District will obtain the easements, have the plans prepared and provide the labor and equipment for installation. Motion made to accept the agreement by Barry Rich, second by Jimmy Mills. Motion carried. Paperwork was signed by Barry Rich and Jimmy Mills.

[REDACTED]
Tony reports that [REDACTED] intends on building a house and some cabins. He wants to extend the 4-inch line approximately 500 ft to get to his property. Motion made by Barry Reed to accept the contract to extend the 4-inch line second by Jimmy Mills. Motion carried contract accepted.

Application/Form Changes:

The commissioners were given copies of an updated application/transfer form that will replace several of our current forms. The landowner signature requirement has been removed due to issues with the PSC. ECWD was told by the PSC that we have to provide water whether the landowner consents or not. It is not the district's job to get involved with evictions/disputes. New Installations will still require easements. Tom will review the form and get back to us with any changes.

Refigured Cost for Meter Installation:

The new cost calculation puts the average cost for a meter installation at \$1,001.78. Raising the cost to \$1,000 would be a \$425 increase from the current \$575 cost. Tom will review the cost calculation sheet and hopefully the new cost request will be ready to submit at the next board meeting.

Contract for Developers:

The updated contract has been sent to Tom for review before submittal to PSC.

Meter Change Out:

Tony reported he spoke with Vanguard and he also spoke with the bond company. Per the bond company [REDACTED] can proceed with the contract. Tony spoke with them via phone. Tom recommended we get something in writing to that effect and also stating that we notified them and it was okay to continue. The bond contract is in effect until the job is complete. The change outs have not started back yet, Tony will inform her that the change outs can resume once we have something in writing from the bond company.

Financial Report:

Tony reports that this is the biggest month we have ever had in retail sales at \$440,830. \$11,700 in tap fees for the month. Our bond coverage is back to .2, but it will likely go down next month due to ordering another set of meters. Tim Brewster reported on the painting at Brownsville plant the walls and ceiling upstairs have been completed they have to finish downstairs and the floors. Tim reported it may be the first week of September before they are completed. Tony reported that they also plan on ordering new cabinets at Brownsville Plant. Currently we are \$26,114 over budget for the year the largest part is transportation expenses and salaries. The treatment plant is holding close to their budget and distribution would've been good other than salaries, transportation expenses, and parts. Tony reported that we will likely have to have line-item changes or a budget amendment. Dylan reported that the track hoe is supposed to be ready on Friday. Tony reported that sewer is holding it own and not losing money.

Check Approval:

Motion made by Barry Rich to approve the checks for July second by Jimmy Mills. Motion carried.

Water Loss:

Tony reported that water loss is still in the 30s the water loss reports will be submitted for the next board meeting. Tony reported that he had a meeting last week with the office to go over the water loss reduction plan and he will be meeting with the treatment plant crew next week.

Expansion of the System:

The approximate cost for upgrading Brownsville is \$42,300,000 and the approximate cost for building a new plant at Wax is \$43,800,000. There is approximately 1.5 million difference cost wise they should be considered equal. These quotes address the main issues and main transmission issues. It will not solve all issues. It will address part of the issue with Kessinger but not all and not all of the issue with Peonia. We would need to continue to make incremental improvements. Norman Meredith was asked on his recommendations he said that we don't know our intake situation and we are not sure if we would have six million gallons of water available at Brownsville Plant. Louis responded that there is plenty of water if the depth is available, it will support six million gallons. Louis reports if we are able to operate and produce three million gallons, we will be able to produce six million. Tim Brewster was asked he reported that an advantage of expanding Brownsville would reduce the sampling cost and would reduce the cost of chemicals, one plant would reduce the overall operating cost. The advantages of having a new plant at Wax are there is there is a back up plant if one has to be down for a brief period of time, it allows operators to be cross trained, and having two plants will allow the distribution team to monitor water loss more effectively. Tim recommends building a new plant at Wax rather than expanding Brownsville. Tony talked about some pros and cons as well he reported that expanding Brownsville would require class four operators getting a class four license is harder and requires more experience. Tony reports that it may cost a little bit more but he believes it is better for the District to build a new plant at Wax especially considering the growth on both sides.

Tony reports that he spoke with the landowner and they are favorable regarding selling a spot with lake access. The PSC may have to provide a certificate before purchasing. Louis and Tony both discussed getting PSC approval for this large of an expansion when we have such high water loss. Louis stated there may be eyebrows raised about increasing that much capacity. He reported that the water loss may come into play and that some costs may be disallowed.

Louis reported that the cost does not include any upgrades to the Peonia side and no new tanks.

The big storage capacity at the new plant would be an oversized clear well of about one million gallons. Using a clear well reduces the age of the water which is an advantage.

Louis reports the major advantage to expanding at Brownsville is that you could potentially get water to Wax area two years earlier than building a new plant.

A profile detailing mapping and costs would need to be ready fairly quickly the water council meeting is in September.

Congressman Brett Guthrie arrived with Kyle Foushee, Mark Lourd, and Nick.

Motion made by Barry Rich to move forward with upgrades to the distribution system and a new water treatment plant in the Wax Area. Seconded by Jimmy Mills. Motion carried.

Corps of Engineers/Locke 5:

The studies support the original study. The Corps will be continuing to meet with Fish and Wildlife and the Nature Conservancy. It may be next summer before a solution is reached. Congressman Guthrie suggested a potential solution before the next funding cycle in the spring.

Material Purchase for Distribution:

Board approval is required to purchase items over \$20,000, Dylan requested quotes for needed parts and materials the quotes are expected to come in at over \$20,000. Motion made to approve the purchase of needed parts over \$20,000 as long as they remain under the \$30,000 threshold. Motion made by Barry Rich second by Jimmy Mills. Motion carried.

Adjourn:

Motion made by Barry Rich and second by Jimmy Mills to adjourn the meeting. Meeting adjourned.

X *J. Mills*

Jimmy Mills

X *Barry Rich*

Barry Rich



**PRELIMINARY COSTS ESTIMATE
EDMONSON COUNTY WATER DISTRICT
NEW 2.9 MGD WATER TREATMENT PLANT AND INTAKE AT WAX
AUGUST 2022**

Item	Description	Total Price
I	CONSTRUCTION COSTS	
1	New 2.9 MGD conventional water treatment plant	\$17,000,000
2	New raw water intake on Nolin Lake	\$11,000,000
3	25,200 LF 16" water line to Cub Run @ \$110/LF	\$2,772,000
4	2,500 LF 12" water line to Wax WTP @ \$80/LF	\$200,000
5	1,000 LF 16" directional bore under lake @ \$800/LF	\$800,000
6	New Big Windy BPS @ \$400,000	\$400,000
7	5,350 LF 12" on Hwy 728 (to Cub Run Tank) @ \$80/LF	\$428,000
8	7,600 LF 12" water line to Cub Run BPS @ \$80/LF	\$608,000
9	Modifications to Cub Run BPS @ \$50,000	\$50,000
10	Additional Kessinger BPS @ \$300,000	<u>\$300,000</u>
	Total Construction	\$33,558,000
	Contingencies (approx. 10%)	<u>\$3,356,000</u>
	Total Budgeted for Construction	\$36,914,000
II	PROJECT COSTS	
	Construction	\$36,914,000
	Interest During Construction (assume 4 1/4% for multi-year project)	\$1,568,000
	Land Acquisitions, Environmental Reviews, Easements and Permits	\$520,000
	Development Costs (assume 12%)	\$4,430,000
	Project Contingencies (approx. 1% of construction)	<u>\$368,000</u>
	TOTAL PROJECT COSTS	\$43,800,000
III	FUNDING	
	Total Project Funding Needed	\$43,800,000



**PRELIMINARY COSTS ESTIMATE
 EDMONSON COUNTY WATER DISTRICT
 SUPPLY WAX AREA WITH WATER FROM BROWNSVILLE WTP
 AUGUST 2022**

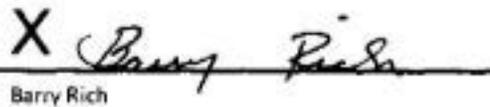
Item	Description	Total Price
I CONSTRUCTION COSTS		
1	Expansion of Brownsville WTP by 3.0 MGD to 6.0 MGD	\$9,000,000
2	Modifications to Brownsville raw water intake (pumps and new screen)	\$1,100,000
3	108,000 LF 16" water line to Cub Run @ \$110/LF	\$11,880,000
4	600 LF 16" directional bore under river crossing @ \$800/LF	\$480,000
5	30 main line 16" valves @ \$10,000 each	\$300,000
6	2 new BPS's @ \$400,000 each	\$800,000
7	4 PRV/flow control installations for connections @ tanks @ \$75,000 each	\$300,000
8	27,500 LF 12" on Hwy 88 (to Wax WTP) @ \$80/LF	\$2,200,000
9	1200 LF 16" directional bore under Nolin Lake @ \$800/LF	\$960,000
10	11 main line 12" valves @ \$8,000 each	\$88,000
11	8 connections to existing lines @ \$10,000 each	\$80,000
12	5,350 LF 12" water line on Hwy 728 to Cub Run Tank @ \$80/LF	\$428,000
13	7,600 LF 12" water line on Hwy 88 to Cub Run BPS @ \$80/LF	\$608,000
15	Additional Kessinger BPS @ \$300,000	\$300,000
15	New 1 MG elevated water tank near existing Linclon Tank	\$3,500,000
16	7,800 LF 16" water line from Brownsville WTP to Riverhill @ \$110/LF	<u>\$858,000</u>
	Total Construction	\$32,882,000
	Contingencies (approx. 10%)	<u>\$3,288,000</u>
	Total Budgeted for Construction	\$36,170,000
II PROJECT COSTS		
	Construction	\$36,170,000
	Interest During Construction (assume 4 1/4% for multi-year project)	\$1,535,000
	Land Acquisition, Environmental Surveys, Easements and Permits	\$250,000
	Development Costs (assume 11%)	\$3,980,000
	Project Contingencies (approx. 1% of construction)	<u>\$365,000</u>
	TOTAL PROJECT COSTS	\$42,300,000
III FUNDING		
	Total Project Funding Needed	\$42,300,000

August 9, 2022

We have reviewed and approved the transactions for the month of July 2022 for the following accounts. The documents that have been reviewed are attached.

- Water Operation & Maintenance (Account ID: 13400)
- Membership Fee Fund (Account ID: 13200)
- Health Insurance Deduction Reserve (Account ID: 13530)
- Debit Card Account (Account ID: 13410)
- Sewer Operation & Maintenance (Sewer Account ID: 13400)


Jirana Mills


Barry Rich

AGREEMENT

This waterline extension **AGREEMENT** is made and entered into by and between the **EDMONSON COUNTY WATER DISTRICT** of Brownsville, Edmonson County, Kentucky, hereinafter called **DISTRICT** and **JOSH RONEY** of 617 S Main St. Brownsville, KY 42210 Edmonson County, Kentucky, hereinafter called **DEVELOPER**.

WITNESSETH

WHEREAS, the District is a water district organized under the provisions of KRS. Chapter 74 and is also a governmental agency within the meaning of KRS. 82.083(4)(a);

WHEREAS, the District currently owns and operates both water treatment and water distribution facilities in Edmonson, Grayson, and Hart Counties in Kentucky;

WHEREAS, Developer desires to develop or create a subdivision on New Grove Road in Edmonson County;

WHEREAS, Developer desires to obtain water services for his development and District desires to provide water to said development;

WHEREAS, in order to adequately supply water to the property of developer, it shall be necessary to extend or install a 6 inch main water line from the district's main waterline located in the Richland Subdivision approximately 2800 LF to the subdivision of developer.

NOW, THEREFORE, FOR AND IN CONSIDERATION of premises set forth above and in further consideration of the mutual promises, covenant, and conditions contained herein the parties hereby agree as follows:

1.) The District shall acquire easements necessary to establish a water line from the development that the developer desires to create to the existing waterline of District located on the Richland Subdivision in Edmonson County.

2.) The District shall obtain all necessary materials to install and/or extend a 6 inch waterline from District's current line in the Richland Subdivision to be property of developer.

3.) Developer shall, at his expense, reimburse the District or pay for all costs of the materials to install the 6 inch of water line from the District's line in the Richland Subdivision to the property of the developer.

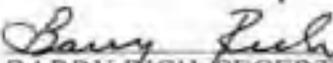
4.) District shall at its expense have plans prepared for submittal to the DOW for approval, furnish all labor and equipment necessary to install the 6 inch water line from the districts line in the Richland Subdivision to the property of developer using the materials purchased by developer including but not limited to obtaining all necessary permits and boring underneath New Grove Road.

IN TESTIMONY WHEREOF, This agreement has been executed by the parties here to the day and year first above mentioned.

EDMONSON COUNTY WATER DISTRICT

By: 
JIMMY MILLS, CHAIRMAN

ATTEST:


BARRY RICH, SECERTARY

COMMONWEALTH OF KENTUCKY
COUNTY OF EDMONSON

Subscribed sworn to and acknowledged before me by EDMONSON COUNTY WATER DISTRICT, a municipal corporation organized and existing under the laws of the Commonwealth of Kentucky, by and through JIMMY MILLS, Chairman to be the free and voluntary act and deed of EDMONSON COUNTY WATER DISTRICT and JIMMY MILLS, Chairman.

This the 9th day of August, 2022


NOTARY PUBLIC
MY COMMISSION EXPIRES: 8/18/25

COMMONWEALTH OF KENTUCKY
COUNTY OF EDMONSON

Subscribed sworn to and acknowledged before me by EDMONSON COUNTY WATER DISTRICT, a municipal corporation organized and existing under the laws of the Commonwealth of Kentucky, by and through BARRY RICH, Secretary/Treasurer to be the free and voluntary act and deed of EDMONSON COUNTY WATER DISTRICT and BARRY RICH, Secretary/Treasurer.

This the 9th day of August, 2022.

Eucawolfe KYNP31804
NOTARY PUBLIC
MY COMMISSION EXPIRES: 11/18/25

DEVELOPER

[Signature]
JOSH RONEY

COMMONWEALTH OF KENTUCKY
COUNTY OF EDMONSON

SUBSCRIBED, SWORN TO AND ACKNOLEDGED before me by JOSH RONEY on this the 29th day of July, 2022

Eucawolfe KYNP31804
NOTARY PUBLIC
MY COMMISSION EXPIRES: 11/18/25

INSTRUMENT PREPARED BY:

GOFF & GOFF PSC
Attorneys At Law
53 Public Square
Leitchfield, KY 42754
(270) 259-9237

By: THOMAS H. GOFF

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility: Edmonson County Water District

For the Month of: JULY Year: 2022

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	68,968,000
3	Water Purchased	240,800
4	TOTAL PRODUCED AND PURCHASED	69,208,800
5		
6	WATER SALES	
7	Residential	51,314,400
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	2,739,800
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	54,054,300
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	1,475,000
18	Wastewater Plant	
19	System Flushing	1,082,500
20	Fire Department	
21	Other Usage (explain) * PUMPS *	450,000
22	TOTAL OTHER WATER USED	3,007,500
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	3,277,440
27	Line Leaks	8,869,560
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	12,147,000
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	17.56%

Edmonson Co Water District

Monthly Water Loss Report

July 2022

Brownsville WTP

		July-21	Totals
A: Produced		45.7270 MG	39.588 MG
Purchased		MG	MG
Total		45.7270 MG	39.588 MG
Sold	<i>Residential</i>	30.1004 MG	22.9242 MG
	<i>Wholesale to City</i>	2.7399 MG	2.554 MG
		MG	MG
Total Sold		32.8403 MG	25.4784 MG
B: Difference		12.8867 MG	14.110 MG
% Difference		28.18%	35.64%
Gallons Acctd For:			
	<i>Breaks</i>	MG	MG
	<i>Hyd. Flushing</i>	MG	MG
	<i>Tank Overflow</i>	MG	MG
	<i>Plant Use</i>	0.6570 MG	0.665 MG
	<i>Fire Dept Use</i>	MG	MG
	<i>Adjustments +/-</i>	MG	MG
	<i>Other (Wax)</i>	3.1380 MG	MG
C: Total Gallons Acctd For:		3.7950 MG	0.665 MG
Loss Unacctd for Water (B-C)		9.0917 MG	13.445 MG
% Loss Unacctd for (B-C)/A		19.88%	33.96%
Gallons / Day (+/-)		293,281	433,703
Gallons / Minute (+/-)		204	233

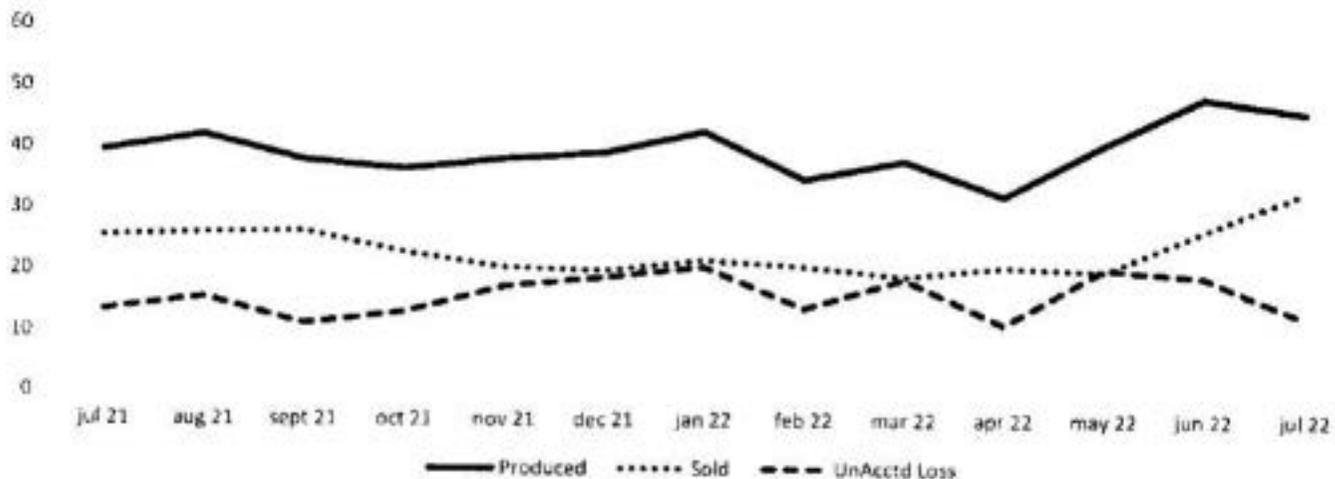
YTD Budget: 0.19 % under

58.14 % Used

Past YTD AVG Loss : 38.14%

AVG YTD Loss: 40.95%

13 Mth Loss Rpt Bville WTP



MONTHLY INSPECTION & REPORT FORM BROWNSVILLE TREATMENT PLANT

Gallons Pumped	45.7270
Gallons Sold	0.0000
Gallons Lost	9.0917
Percentage Loss	19.88%
GPM Loss	204

Maximum Pumped	2.061
Minimum Pumped	1.083
Average Pumped	1.475

Gallons Accounted for:	
Tank Overflow	0.000
Plant Use	0.657
Computer Adj.	0.000
Other	3.138
Total	3.795

Booster Station Conditions

<u>Booster Station Conditions</u>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent
<i>Building & Grounds</i>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent
<i>Electrical & Telemetry</i>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent
<i>Piping and valves</i>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent
<i>Pumps</i>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent

Tanks Conditions

<u>Tanks Conditions</u>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent
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Site Condition

<u>Site Condition</u>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent
<i>Evidence of overflow</i>	<input type="checkbox"/> Yes	<input type="checkbox"/> No		

Treatment Plant Appearance

<i>Buildings</i>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
<i>Grounds</i>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
<i>Intake</i>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
<i>Road & entrance</i>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent

<i>Testing Done as required</i>	<input checked="" type="checkbox"/> Everyday	<input type="checkbox"/> Almost every day	<input type="checkbox"/> Some	<input type="checkbox"/> Never
<i>Housekeeping as required</i>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
<i>Mowing as required</i>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
<i>Proper reports filled out</i>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Sometimes	

<i>Equipment, pumps and etc. properly maintained</i>	<input checked="" type="checkbox"/> Accord. to maintenance man.	<input type="checkbox"/> Sometimes		
	<input type="checkbox"/> Never			

<i>Operator overseeing treatment</i>	<input checked="" type="checkbox"/> Was available while on duty	<input checked="" type="checkbox"/> Was away from plant occasionally		
	<input type="checkbox"/> Was away from plant more than needed			

Comments:

With this report I certify that I have personally inspected the operation and maintenance for the month of
July 2022 and that it is accurate to the best of my knowledge

Tim Brewster

Operator

18-Aug-22

Date

Edmonson Co Water District

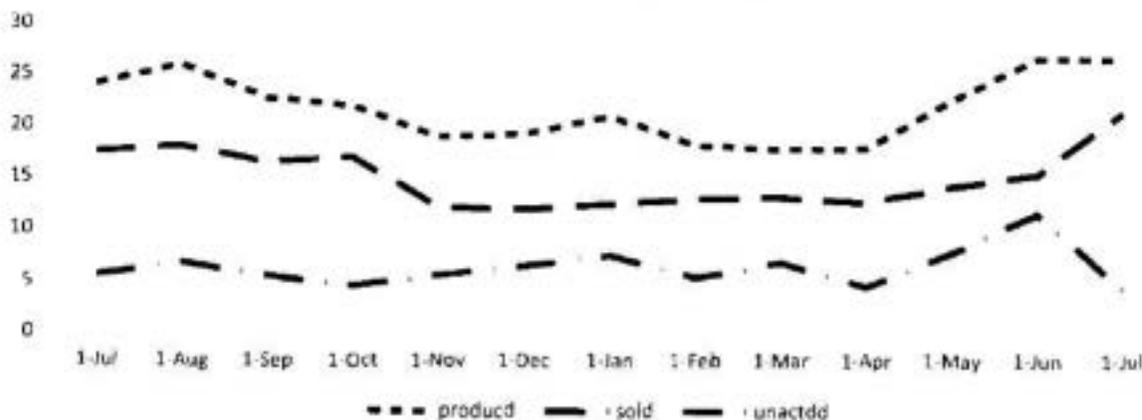
Monthly Water Loss Report

		Wax	WTP
		Jul-22	Jul-21
			Totals
A:	Produced	23.241 MG	24.080 MG
	Purchased	3.138 MG	0.000 MG
	Total	26.379 MG	24.080 MG
Sold	<i>Residential</i>	21.214 MG	17.457 MG
	<i>Wholesale</i>	MG	MG
		MG	MG
Total Sold	21.214 MG	17.457 MG	
B:	Difference	5.165 MG	6.623 MG
	% Difference	19.58%	27.50%
Gallons Acctd For:			
	<i>Breaks</i>	MG	MG
	<i>Hyd. Flushing</i>	MG	MG
	<i>Tank Overflow</i>	MG	MG
	<i>Plant Use</i>	0.818 MG	1.019 MG
	<i>Fire Dept Use</i>	MG	MG
	<i>Adjustments +/-</i>	MG	MG
	<i>Other</i>	MG	MG
C:	Total Gallons Acctd For:	0.818 MG	1.019 MG
	Loss Unacctd for Water (B-C)	4.347 MG	5.604 MG
	% Loss Unacctd for (B-C)/A	16.48%	23.27%
	Gallons / Day (+/-)	140,216	180,774
	Gallons / Minute (+/-)	97	126

YTD Budget: _____ % Used || Past YTD: _____

AVG YTD Loss:

13 month loss report wax plant



MONTHLY INSPECTION & REPORT FORM
wax treatment plant

Jul-22

Gallons Pumped	<u>26,379</u>
Gallons Sold	<u>21,214</u>
Gallons Lost	<u>4,347</u>
Percentage Loss	<u>16.48%</u>
GPM Loss	<u>97</u>

Maximum Pumped	<u>935,800</u>
Minimum Pumped	<u>492,700</u>
Average Pumped	<u>749,700</u>

Gallons Accounted for	
Tank Overflow	<u>0</u>
Plant Use	<u>1,063</u>
Computer Adj.	<u>0</u>
Other	<u>0</u>
Total	<u>1,063</u>

Booster Station Conditions

<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Building & Grounds</i>	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Electrical & Telemetry</i>	<u> </u> Poor	<u> </u> Fair	<u> </u> Good
<i>Piping and valves</i>	<u> </u> Poor	<u> </u> Fair	<u> </u> Good
<i>Pumps</i>	<u> </u> Poor	<u> </u> Fair	<u> </u> Good

Tanks Conditions

<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
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Site Condition

<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Evidence of overflow</i>	<u> </u> Yes	<u> </u> No	

Treatment Plant Appearance

<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Buildings</i>	<u> </u> Poor	<u> </u> Fair	<u> </u> Good
<i>Grounds</i>	<u> </u> Poor	<u> </u> Fair	<u> </u> Good
<i>Intake</i>	<u> </u> Poor	<u> </u> Fair	<u> </u> Good
<i>Road & entrance</i>	<u> </u> Poor	<u> </u> Fair	<u> </u> Good

<i>Testing Done as required</i>	<u> y </u> Everyday	<u> </u> Almost every day	<u> </u> Some	<u> </u> Never
<i>Housekeeping as required</i>	<u> y </u> Yes	<u> </u> No		
<i>Mowing as required</i>	<u> y </u> Yes	<u> </u> No		
<i>Proper reports filled out</i>	<u> y </u> Yes	<u> </u> No	<u> </u> Sometimes	

Equipment, pumps and etc. properly maintained y Accord. to maintenance man Sometimes
 Never

Operator overseeing treatment Was available while on duty y Was away from plant occasionally
 Was away from plant more than needed

Comments

With this report I certify that I have personally inspected the operation and maintenance for the month of
 Jul-22 and that it is accurate to the best of my ability.

chris graham 8-9-2022
 Operator Date

MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

Jul-22

<u>10408</u> payments received in office for the the month		
<u>2020</u> received from by mail		<u>19.41%</u> paid by mail
<u>249</u> received by walk in		<u>2.39%</u> paid by walk in
<u>24</u> received by credit card		<u>0.23%</u> paid by credit card
<u>2547</u> received from bankdraft		<u>24.47%</u> paid by bankdraft
<u>975</u> received from drive thru		<u>9.37%</u> paid by drive thru
<u>4220</u> received from online		<u>40.55%</u> paid online
<u>373</u> received from n.d		<u>3.58%</u> paid by n.d.
<u>56</u> was the most customers walk in payments received		<u>7/29/2022</u>
<u>102.00</u> Membership Fees Collected	<u>46.00</u>	Reconnect Fees Collected
<u>21.34783</u> Tap Fees Collected		<u>0</u> Return Check Fees Collected

<u>11,199</u> Customer	<u>51,313,900</u> Total Gallons Sold	<u>\$ 417,660.88</u> \$ Amount
<u>2,739,900</u> Gals-City	<u>\$ 8,493.69</u> \$ Amount	<u>\$ 170,497.34</u> Online Amount

<u>1474</u> Phone Calls Logged	<u>368</u> Work Orders Prepared	
Routes 1-10 Delinques ent Notices mailed	<u>481</u>	
<u>25</u> Customers Disconnected		<u>\$ 0.81</u>
<u>8</u> Rehung same day		Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	<u>317</u>	
<u>8</u> Customers Disconnected		
<u>3</u> Rehung same day		

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

Jul-22

<u>56</u> Customers	<u>\$ 4,812.51</u> Revenue Received	
<u>130,000</u> Gallons Treated	<u>\$ 623.80</u> Cost	
<u>170</u> Gallons Treated	<u>7.21</u> Cost	<u>\$ 631.01</u>
<u> </u> Customers Disconnected		

Comments:

Erica Wolfe
SIGNATURE

8/10/22
DATE

File

GOFF & GOFF, P.S.C.

Attorneys at Law
53 Public Square
Leitchfield, Kentucky 42754
Phone: (270) 259-9237
Fax: (270) 259-0060

Thomas H. Goff
Zachary Craddock-Vocke

Of Counsel:
Kenneth H. Goff

August 22, 2022

Jerry Meredith, Mayor
City of Brownsville
121 Washington St
PO Box 238
Brownsville KY 42210

Re: Waste Water treatment for Edmonson County Water District.

Dear Mayor Meredith:

I am writing you in regards to the waste water treatment bills the Edmonson County Water District has received from January 2020 through the present date.

On the 5th day of January 2004, the City of Brownsville entered into a waste water contract establishing the rates that the City would charge the Edmonson County Water District for the treatment of its sewage. This contract was for a period of 40 years and required the consent of both parties to raise the rates.

In January 2020, the City increased their rates without the consent or approval of the Edmonson County Water District in breach of the contract.

As of a result of this increase of the unapproved sewer rates, the Edmonson County Water District has been over charged in the sum of FOUR THOUSAND SEVEN HUNDRED FORTY DOLLARS and FIFTY-NINE CENTS (\$4,740.59) for one account and an additional sum of SIXTY-SEVEN DOLLARS and EIGHTY-NINE CENTS (\$67.89) for the Edmonson County Water District's second account. For your convenience, I am enclosing a copy of the billed amount and the correct amount that should have been billed for each of these accounts.

Please see that this mistake is corrected in the next Edmonson County Water District's next bill. In addition, you can reimburse the Edmonson County Water District for the sums stated above and forward the check to the Edmonson County Water District.

Sincerely,


Thomas H. Goff

THG/mp

cc: Tony Sanders, District Manager
Edmonson County Water District
PO Box 208
Brownsville, KY 42210

Edmonson County Water District Acct# 60015000 Hwy 259 North

Service Dates	Due Date	Usage	Billed Amount		
			Sewer	5% Tax	Total
1/10/20-02/03/20	3/16/2020	163000	\$ 652.00	\$ 39.12	\$ 691.12
2/03/20-03/05/20	4/15/2020	277000	\$ 1,108.00	\$ 66.48	\$ 1,174.48
3/05/20-04/09/20	5/15/2020	380000	\$ 1,520.00	\$ 91.20	\$ 1,611.20
4/09/20-05/06/20	6/15/2020	96000	\$ 384.00	\$ 23.04	\$ 407.04
5/06/20-06/04/20	7/15/2020	142000	\$ 568.00	\$ 34.08	\$ 602.08
6/04/20-07/06/20	8/17/2020	169000	\$ 676.00	\$ 40.56	\$ 716.56
7/06/20-08/05/20	9/15/2020	217000	\$ 868.00	\$ 52.08	\$ 920.08
8/05/20-09/08/20	10/15/2020	171000	\$ 684.00	\$ 41.04	\$ 725.04
9/08/20-10/06/20	11/16/2020	208000	\$ 832.00	\$ 49.92	\$ 881.92
10/06/20-11/04/20	12/15/2020	148000	\$ 592.00	\$ 35.52	\$ 627.52
1/04/21-12/02/20	1/15/2021	153000	\$ 612.00	\$ 36.72	\$ 648.72
2/02/21-01/13/21	2/15/2021	199000	\$ 796.00	\$ 47.76	\$ 843.76
1/13/21-02/15/21	3/15/2021	198000	\$ 792.00	\$ 47.52	\$ 839.52
2/15/21-03/08/21	4/15/2021	242000	\$ 968.00	\$ 58.08	\$ 1,026.08
3/08/21-04/08/21	5/15/2021	178000	\$ 712.00	\$ 42.72	\$ 754.72
4/08/21-05/10/21	6/15/2021	239000	\$ 956.00	\$ 57.36	\$ 1,013.36
5/10/21-06/03/21	7/15/2021	108000	\$ 432.00	\$ 25.92	\$ 457.92
6/03/21-07/09/21	8/16/2021	216000	\$ 864.00	\$ 51.84	\$ 915.84
7/09/21-08/11/21	9/15/2021	200000	\$ 800.00	\$ 48.00	\$ 848.00
8/11/21-09/03/21	10/15/2021	167000	\$ 668.00	\$ 40.08	\$ 708.08
9/03/21-10/08/21	11/15/2021	199000	\$ 796.00	\$ 47.76	\$ 843.76
10/08/21-11/04/21	12/15/2021	160000	\$ 640.00	\$ 38.40	\$ 678.40
1/04/22-12/01/21	1/15/2022	191000	\$ 764.00	\$ 45.84	\$ 809.84
2/01/22-01/03/22	2/15/2022	324000	\$ 1,296.00	\$ 77.76	\$ 1,373.76
1/03/22-02/03/22	3/15/2022	279000	\$ 1,116.00	\$ 66.96	\$ 1,182.96
2/03/22-03/08/22	4/15/2022	268000	\$ 1,072.00	\$ 64.32	\$ 1,136.32
3/08/22-04/05/22	5/16/2022	202000	\$ 808.00	\$ 48.48	\$ 856.48
4/05/22-05/03/22	6/15/2022	206000	\$ 824.00	\$ 49.44	\$ 873.44
5/03/22-06/08/22	7/15/2022	133000	\$ 532.00	\$ 31.92	\$ 563.92
6/08/22-07/11/22	8/16/2022	130000	\$ 520.00	\$ 31.20	\$ 551.20

Correct Amount		
Sewer	5% Tax	Total
\$ 529.75	\$ 31.79	\$ 561.54
\$ 900.25	\$ 54.02	\$ 954.27
\$ 1,235.00	\$ 74.10	\$ 1,309.10
\$ 312.00	\$ 18.72	\$ 330.72
\$ 461.50	\$ 27.69	\$ 489.19
\$ 549.25	\$ 32.96	\$ 582.21
\$ 705.25	\$ 42.32	\$ 747.57
\$ 555.75	\$ 33.35	\$ 589.10
\$ 676.00	\$ 40.56	\$ 716.56
\$ 481.00	\$ 28.86	\$ 509.86
\$ 497.25	\$ 29.84	\$ 527.09
\$ 646.75	\$ 38.81	\$ 685.56
\$ 643.50	\$ 38.61	\$ 682.11
\$ 786.50	\$ 47.19	\$ 833.69
\$ 578.50	\$ 34.71	\$ 613.21
\$ 776.75	\$ 46.61	\$ 823.36
\$ 351.00	\$ 21.06	\$ 372.06
\$ 702.00	\$ 42.12	\$ 744.12
\$ 650.00	\$ 39.00	\$ 689.00
\$ 542.75	\$ 32.57	\$ 575.32
\$ 646.75	\$ 38.81	\$ 685.56
\$ 520.00	\$ 31.20	\$ 551.20
\$ 620.75	\$ 37.25	\$ 658.00
\$ 1,053.00	\$ 63.18	\$ 1,116.18
\$ 906.75	\$ 54.41	\$ 961.16
\$ 871.00	\$ 52.26	\$ 923.26
\$ 656.50	\$ 39.39	\$ 695.89
\$ 669.50	\$ 40.17	\$ 709.67
\$ 432.25	\$ 25.94	\$ 458.19
\$ 422.50	\$ 25.35	\$ 447.85

\$ 23,852.00 \$ 1,431.12 \$ 25,283.12

\$ 19,379.75 \$ 1,162.79 \$ 20,542.54

Difference in Billed Amount and Correct Amount: \$ 4,740.59

Edmonson County Water District Acct# 60015500 Bus Garage

Service Dates	Due Date	Usage	Billed Amount		
			Sewer	6% Tax	Total
01/10/20-02/03/20	3/16/2020	3100	\$ 12.40	\$ 0.74	\$ 13.14
02/03/20-03/05/20	4/15/2020	3300	\$ 13.20	\$ 0.79	\$ 13.99
03/05/20-04/09/20	5/15/2020	4000	\$ 16.00	\$ 0.96	\$ 16.96
04/09/20-05/06/20	6/15/2020	1200	\$ 4.80	\$ 0.29	\$ 5.09
05/06/20-06/04/20	7/15/2020	700	\$ 2.80	\$ 0.17	\$ 2.97
06/04/20-07/06/20	8/17/2020	1800	\$ 7.20	\$ 0.43	\$ 7.63
07/06/20-08/05/20	9/15/2020	1500	\$ 6.00	\$ 0.36	\$ 6.36
08/05/20-09/08/20	10/15/2020	2800	\$ 11.20	\$ 0.67	\$ 11.87
09/08/20-10/06/20	11/16/2020	2700	\$ 10.80	\$ 0.65	\$ 11.45
10/06/20-11/04/20	12/15/2020	3300	\$ 13.20	\$ 0.79	\$ 13.99
11/04/20-12/02/20	1/15/2021	2200	\$ 8.80	\$ 0.53	\$ 9.33
12/02/20-01/13/21	2/15/2021	1600	\$ 6.40	\$ 0.38	\$ 6.78
01/13/21-02/15/21	3/15/2021	2000	\$ 8.00	\$ 0.48	\$ 8.48
02/15/21-03/08/21	4/15/2021	1700	\$ 6.80	\$ 0.41	\$ 7.21
03/08/21-04/08/21	5/15/2021	3800	\$ 15.20	\$ 0.91	\$ 16.11
04/08/21-05/10/21	6/15/2021	3100	\$ 12.40	\$ 0.74	\$ 13.14
05/10/21-06/03/21	7/15/2021	3900	\$ 15.60	\$ 0.94	\$ 16.54
06/03/21-07/09/21	8/16/2021	3500	\$ 14.00	\$ 0.84	\$ 14.84
07/09/21-08/11/21	9/15/2021	2400	\$ 9.60	\$ 0.58	\$ 10.18
08/11/21-09/03/21	10/15/2021	2900	\$ 11.60	\$ 0.70	\$ 12.30
09/03/21-10/08/21	11/15/2021	3500	\$ 14.00	\$ 0.84	\$ 14.84
10/08/21-11/04/21	12/15/2021	3300	\$ 13.20	\$ 0.79	\$ 13.99
11/04/21-12/01/21	1/15/2022	3300	\$ 13.20	\$ 0.79	\$ 13.99
12/01/21-01/03/22	2/15/2022	2400	\$ 9.60	\$ 0.58	\$ 10.18
01/03/22-02/03/22	3/15/2022	3000	\$ 12.00	\$ 0.72	\$ 12.72
02/03/22-03/08/22	4/15/2022	2800	\$ 11.20	\$ 0.67	\$ 11.87
03/08/22-04/05/22	5/16/2022	4800	\$ 19.20	\$ 1.15	\$ 20.35
04/05/22-05/03/22	6/15/2022	4100	\$ 16.40	\$ 0.98	\$ 17.38
05/03/22-06/08/22	7/15/2022	5000	\$ 20.00	\$ 1.20	\$ 21.20
06/08/22-07/11/22	8/16/2022	1700	\$ 6.80	\$ 0.41	\$ 7.21

\$ 341.60 \$ 20.50 \$ 362.10

Correct Amount		
Sewer	6% Tax	Total
\$ 10.08	\$ 0.60	\$ 10.68
\$ 10.73	\$ 0.64	\$ 11.37
\$ 13.00	\$ 0.78	\$ 13.78
\$ 3.90	\$ 0.23	\$ 4.13
\$ 2.28	\$ 0.14	\$ 2.41
\$ 5.85	\$ 0.35	\$ 6.20
\$ 4.88	\$ 0.29	\$ 5.17
\$ 9.10	\$ 0.55	\$ 9.65
\$ 8.78	\$ 0.53	\$ 9.30
\$ 10.73	\$ 0.64	\$ 11.37
\$ 7.15	\$ 0.43	\$ 7.58
\$ 5.20	\$ 0.31	\$ 5.51
\$ 6.50	\$ 0.39	\$ 6.89
\$ 5.53	\$ 0.33	\$ 5.86
\$ 12.35	\$ 0.74	\$ 13.09
\$ 10.08	\$ 0.60	\$ 10.68
\$ 12.68	\$ 0.76	\$ 13.44
\$ 11.38	\$ 0.68	\$ 12.06
\$ 7.80	\$ 0.47	\$ 8.27
\$ 9.43	\$ 0.57	\$ 9.99
\$ 11.38	\$ 0.68	\$ 12.06
\$ 10.73	\$ 0.64	\$ 11.37
\$ 10.73	\$ 0.64	\$ 11.37
\$ 7.80	\$ 0.47	\$ 8.27
\$ 9.75	\$ 0.59	\$ 10.34
\$ 9.10	\$ 0.55	\$ 9.65
\$ 15.60	\$ 0.94	\$ 16.54
\$ 13.33	\$ 0.80	\$ 14.12
\$ 16.25	\$ 0.98	\$ 17.23
\$ 5.53	\$ 0.33	\$ 5.86

\$ 277.56 \$ 16.65 \$ 294.20

Difference in Billed Amount and Correct Amount: \$ 67.89

August 23rd, 2022

ECWD

Present:

Jimmy Mills, Barry Rich, Greg Nugent, Tony Sanders, Tom Goff, Jeff Basham, Dylan Hazelwood, Erica Wolfe

Minutes:

Motion made by Barry Rich to dispense the reading of the minutes, second by Jimmy Mills. Motion carried.

[REDACTED]
[REDACTED] has passed his certification test and is now a class three distribution operator. He is now eligible for a pay increase. Pay increase approved and signed by Jimmy Mills.

Division Reports:

The water loss of 17% for the month is deceiving, pumping went down in July due to rain. July pumping is compared to June's sales. Much more was pumped in June than in July. The comparison of July's pumping to June's sales makes it seem lower than what it is. We can expect water loss to go back to 30-40% next month. Tony reported that he has now met with all department heads regarding the water loss reduction plan. Next Monday a new employee will be starting with the distribution team. The new employee will go with Lawrence to hunt for leaks. Last week a big leak on highway 70 was found and repaired. Dylan reported that they have been repairing leaks every day. Dylan reported that they are fixing more service lines than main lines it is about 70/30. Dylan reported that they were going to get the track hoe today. Tony discussed a satellite leak detection program. The program would include a satellite image of our system that would pinpoint leaks within a three-hundred-foot radius. The first time would cost about \$100,000 but the if a second time was needed in the future it would be about a third of the cost at \$65,000. Tony reported that he would be getting on a webinar today to see the results of a place in Northern KY that used the program. It would detect chlorine and fluoride not just water. The reasons for the high-water loss were discussed such as the age of lines and the pipe vibrations caused in higher pressure areas.

Lead and Copper Survey:

Tony reported that we would have to complete a lead and copper survey by the end of 2024. It would consist of all service lines both our lines and customer lines. All systems older than 1987 will have to

conduct this survey. Tony reported he would find out more about this at the KY Rural Water Meeting next week.

Over Charge from City of Brownsville

Tom has written a letter to the city of Brownsville telling them that we have a contract in place and it has been breached. In the letter Tom requested that they adjust the bills, correct the mistake, and reimburse the District. In February of 2020 the City increased our rate, they billed us for \$4 instead of \$3.25. The Ordinance in the paper does not mention rates to ECWD. Tony reports that he has not heard from the Mayor regarding this issue. Motion made by Barry Rich and second by Jimmy Mills to send the letter to the City of Brownsville. Greg Nugent abstained from voting.

Locke 5:

Tony received an email from the Corps they will meet with Nature Conservancy, Fish and Wildlife, and Engineers this week. They will be meeting to try and find potential solutions. Tony reported that he spoke with Danna Baxley with the Nature Conservancy about how to get funds and about needing a profile. Tony reported that Corps has said it may be next Summer before a resolution has been reached. Danna stated that we can't wait that long. Tony reported that he told Danna that the Board of Commissioners would probably not want to request a loan for this project due to it being an issue not caused by ECWD. Tony reported that we may need to hold an emergency or special meeting after the Corps meets to discuss possible solutions. Tony has been told that the Nature Conservancy will reimburse us for the siltation clean out and the pump. We will also request reimbursement for the hoses needed. Tony reported that the Nature Conservancy has stated that they will not be paying GRW for their services regarding Locke 5. Tony reported that at some point GRW will expect payment for their services.

Wax Plant

Lewis sent profile in the amount of \$43,800,000 for a new water treatment plant in the Wax area.

Cleaner Water Grant:

Lewis submitted the project budgets to the ADD District. We will run a new sixteen-inch line to the top of river hill so that we can pump more water to Lindseyville tank. We will also be putting a new line on E. Hack Rd and replacing 2 ¼ mile of line on Segal Rd. We received \$202,000 in Hart County we will have a mile of new line there. In Grayson County we will be replacing the pump station at Sleepy Hollow. Tony reported that he is working on a profile for each county. We are supposed to get another round of cleaner water funds \$400,000 in Edmonson County, \$200,000 in Hart, and \$166,000 in Grayson County. With this round of money in Edmonson County the plan is to do upgrades to Bee Spring Pump Station. Tim Brewster will be checking on the cost of new filter media. In Hart County we plan on getting a portable pump to utilize between Cub Run and Big Windy. In Grayson County we plan on putting a six-

inch line in on Iberia Rd that will run to intersection of 1214 and 479. Tony is going to talk to the representative at the ADD District to see if we could do the work on that ourselves or if it has to be contracted out.

Motion made by Jimmy Mills and seconded by Barry Rich to sign the agreement with GRW for engineering for the Edmonson, Grayson, and Hart Cleaner Water Projects. Motion carried.

Contracts, Forms, Meter Cost:

The average cost per meter is \$1,001.78. Right now, we are currently charging \$575 per meter. Tony recommends going to the PSC with a proposed cost of \$1,000 per meter for 5/8 by 3/4 meters. The cost for a larger meter would still be a \$200 deposit and the customer would be billed for the actual cost. Tom and the board recommend adding a footnote to the cost justification with the cost of new meters noted. Motion made to submit the cost justification sheets to the PSC after the footnote is added about the cost of new meters. Motion made by Barry Rich seconded by Greg Nugent. Motion carried.

Meter Change Out:

Tony reported that he spoke with [REDACTED] and he spoke with the bonding company (Assured Partners). We are just waiting on something in writing from the insurance company to proceed.

Uniforms:

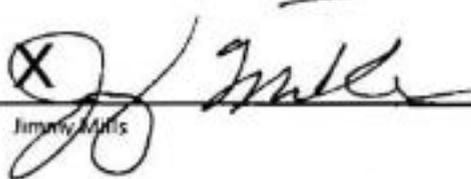
Tony reports it is about time to order new uniforms. Right now, we order them once a year distribution gets four sets per year the treatment plants get two sets. A new employee will receive seven sets of uniforms when they start. Tony reported that it has been very difficult to get uniforms. Tony got a call from Cintas and met with a salesperson about their rental program. The uniforms would be covered by insurance and would be replaced at no cost. The only way that we would be charged a fee for the uniforms is if they were lost or not returned. Tony reports that he spoke with Tim and Dylan and both crews would rather launder their own uniforms. The price for 18 employees is \$5,569.20, to rent uniforms we are currently spending \$2,500-\$3,000 per year. Right now, employees are not able to wear the clothes due to sizing and many of the uniforms are stained and have holes in them. The price is for seven sets of uniforms they will be self-laundered and if someone quits or is terminated, they will be required to return the uniforms. Motion made to change the uniform policy to allow the rental of uniforms. If a person terminates employment or is terminated, they will return the uniforms. If the uniforms are not returned the amount owed will be deducted from their final check. If an active employee loses a uniform, they will be responsible for the cost. Motion made by Barry Rich, seconded by Greg Nugent. Motion carried.

[REDACTED]:

Tony reported that he got a call from an engineering firm about developing near [REDACTED]. The 2-inch meter for the cabins has been set. Tony has not heard anymore about the hotel or the event venue.

Adjourn:

Motion made by Barry Rich to adjourn the meeting, second by Greg Nugent. Motion carried. Meeting adjourned.

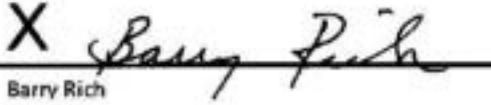
X  X 
Jimmy Mills Barry Rich

X 
Greg Nugent

September 13, 2022

We have reviewed and approved the transactions for the month of August 2022 for the following accounts. The documents that have been reviewed are attached.

- Water Operation & Maintenance (Account ID: 13400)
- Membership Fee Fund (Account ID: 13200)
- Health Insurance Deduction Reserve (Account ID: 13530)
- Debit Card Account (Account ID: 13410)
- Sewer Operation & Maintenance (Sewer Account ID: 13400)

 
Jimmy Mills Barry Rich


Gregory Nuaant

September 15th, 2022

ECWD

Present: Jimmy Mills, Barry Rich, Greg Nugent, Donie Meredith, Dylan Hazelwood, Marcie Hack, Erica Wolfe, Jeff Basham, Tom Goff, and Tony Sanders via phone

Minutes:

Motion made by Barry Rich to dispense the reading of the minutes, second by Greg Nugent. Motion carried.

Meeting with Corps & Nature Conservancy:

Tony discussed several options that were discussed during the meeting last week. We could lower the pump inside the well, move the intake further out (where there would be less silt and more water), lower the pump by about fourteen inches, build a new well with a submergible pump that would pump into the existing intake, or build a dam (this option was not support by the Nature Conservancy). Tony reported that he spoke with Louis and they agreed that the pump we have now is not a permanent solution. Tony reported that Fish and Wildlife suggested that the plug could be removed and put back in if any issues arose. This would give us accurate levels of how things would be once the locke was taken out. If this takes place it would not be until next year. Tony reported he was asked how much risk he was willing to take and he reported to them, none. Tony reported that he told them the water level situation would need to be monitored very closely. They are supposed to be getting a proposal together for the Board to review. He also reported that the Commissioners would need to review any documentation thoroughly before signing. Tony reported that it will have to be decided what will get done and how it will be paid for. Greg Nugent asked if a pond or lake could be built connecting to the river to act as a holding place for water.

Tony Out of Office:

Tony is currently in the hospital; he hopes to be back tomorrow or Monday.

Financial Reports:

Jeff reports that we have had \$332,912 in sales for the month, and bond coverage of .18. Coverage will likely go back down once the meters are paid for and the painting for Brownsville plant is paid for. We are currently over budget in parts, salaries, and transportation expenses.

Cleaner Water/ARPA:

Tony reported that the profiles are due by October 10th, we will be getting a little over \$200,000 in Grayson County and will be utilizing that money on Iberia Rd and putting in a pressure vault, Tony reports there is also a meeting scheduled with the Judge and ADD representative in Edmonson County. We could receive up to \$700,000 in Edmonson County to make upgrades to the system. We will also be ordering a new pump at Fairview to replace the one that we have. Tim Brewster is checking on the cost of replacing the filter media at Brownsville Plant. Hart County funds are being distributed differently this time. We probably will not get as much, but will hopefully get enough for a portable pump for the Cub Run Area. Next years budget will include upgrading the pumps at Big Windy.

Dump Truck:

Dylan reported that there was not much body damage to the dump truck but the windows are busted out and so are the side mirrors. Dylan reported that there were fluids all over the road oil, hydraulic fluid, and power steering. Dylan said that on the straight stretch Devin says his steering wheel locked up, he dropped off the side of the road before flipping the truck on its side. Dylan reports that he spoke with a company about renting a truck it will be approximately \$2,900 a month. Dylan reports that he spoke with a business that would be willing to be on call 24 hours a day. [REDACTED] the business is not in Timmy's name. Tony reported that he has also looked online for a used dump truck and they have a lot of miles on them. Barry stated that we need to do whatever we need to do to get a new one even if it may take 8-9 months. It was suggested that both Dickie Logan, and Darrell Craine may also have trucks if we needed an alternate. Dylan stated that he looked at past invoices and other companies charged around \$90 an hour plus the haul bill.

Motion made to pay for dump truck work to be completed until a new one can be purchased, motion made by Greg Nugent and seconded by Barry Rich. Motion carried.

Gravel:

Jimmy Mills suggested checking prices at other rock companies and comparing prices. Right now, we typically use Scotty's he said to check other places such as Park City.

Closing Parade:

The commissioners were asked if they had any objections to the office closing for the parade, the commissioners stated no objections.

City Sewer Bill:

Tom reported that he has not heard from the city. They should have already received his letter he stated he sent it over a week ago. There has been no word from the mayor. Tom suggested we go ahead and pay them until we hear from them regarding the overpayment.

KRWA:

KRWA handled our water rate case previously. Tony suggested they handle our sewer rate case that is coming due. Motion made by Barry Rich to engage with KRWA and for them to get a proposal together regarding our sewer rate case, second by Greg Nugent. Motion carried.

Meter Change Out:

██████████ has not started back changing out meters, insurance has given the all clear since last Tuesday. Dylan spoke with ██████████ Saturday and told her he would be willing to train them to change out the meters on his own time. Tom reported that he would get with Tony on how to proceed if they do not get started on the change out soon.

Fairview Pump:

The board suggested looking at an alternative design for Fairview pump. They suggested considering horizontal pump instead of a vertical one. Jimmy stated that getting Fairview in order should be a top priority.

Agreement with ██████████:

Tom had the agreement drawn up, it was signed by Jimmy Mills and Barry Rich to be sent to Chad Harston.

New Employee:

The new employee that we hired worked four days before quitting. A few applications have been put in. We will be looking into hiring someone else. The board suggests getting someone hired immediately.

Water Loss:

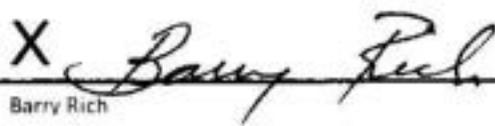
Dylan reported that he would have the loss calculated for the next meeting.

State Surplus:

Jimmy suggested contacting state surplus about truck availability. Dylan reported that he has reached out to them and they do not have anything available.

Adjourn:

Motion made by Barry Rich to adjourn the meeting, seconded by Greg Nugent. Motion carried.

X  X 
Jimmy Mills Barry Rich

X 
Greg Nugent

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility: Edmonson County Water District

For the Month of: AUGUST Year: 2022

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	69,438,000
3	Water Purchased	
4	TOTAL PRODUCED AND PURCHASED	
5		
6	WATER SALES	
7	Residential	37,322,900
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	2,888,200
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	1,450,200
18	Wastewater Plant	
19	System Flushing	4,004,800
20	Fire Department	6,200
21	Other Usage (explain) * PUMPS *	475,000
22	TOTAL OTHER WATER USED	
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	5,522,470
27	Line Leaks	17,768,230
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	

Edmonson Co Water District

Monthly Water Loss Report

August 2022

Brownsville WTP

		August-21	Totals
A:	Produced	45,8610 MG	42,114 MG
	Purchased	MG	MG
	Total	45,8610 MG	42,114 MG
	Sold Residential	21,7139 MG	23,4229 MG
	Wholesale	2,8882 MG	2,510 MG
	Wax WTP	MG	MG
	Total Sold	24,6021 MG	25,933 MG
	Difference	21,259 MG	16,181 MG
	% Difference	46.36%	38.42%
	Gallons Acctd For:		
Breaks	MG	MG	
Hyd. Flushing	MG	MG	
Tank Overflow	MG	MG	
Plant Use	0,6632 MG	0,6995 MG	
Fire Dept Use	MG	MG	
Adjustments +/-	MG	MG	
Wax	MG	MG	
C:	Total Gallons Acctd f	0,6632 MG	0,6995 MG
	Loss Unacctd for Wa	20,5957 MG	15,481 MG
	% Loss Unacctd for (44.91%	36.76%
Gallons / Day (+ / -	684,377	499,400	
Gallons / Minute { +	461	347	

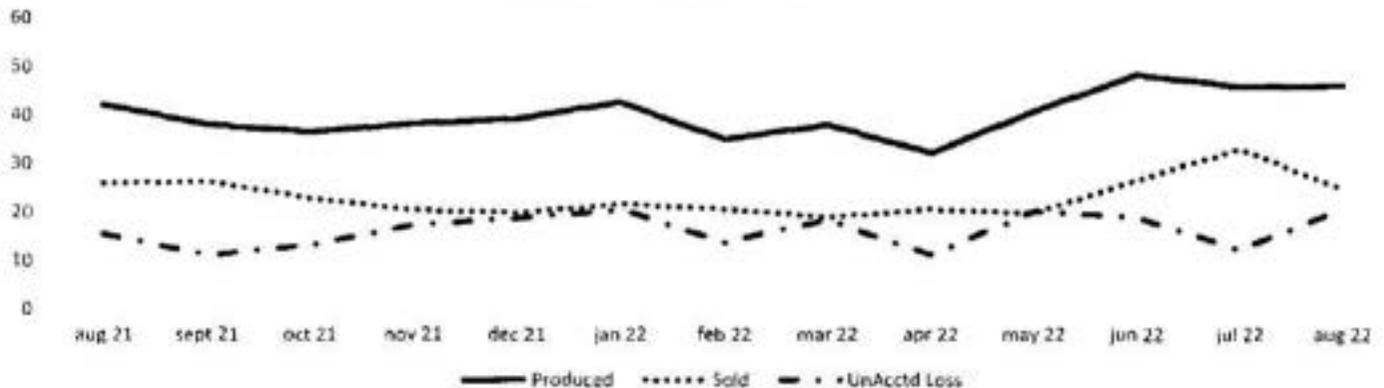
YTD Budget: 1.04% Under

66.96 % Used

Past YTD Avg. Loss: 37.97%

AVG YTD Loss: 41.45%

13 Mth Loss Rpt Bville WTP



**MONTHLY INSPECTION & REPORT FORM
BROWNSVILLE TREATMENT PLANT**

Gallons Pumped 45.861
 Gallons Sold 24.602
 Gallons Lost 20.596
 Percentage Loss 44.91%
 GPM Loss 461

Maximum Pumped 2.2890
 Minimum Pumped 1.1350
 Average Pumped 1.4794

Gallons Accounted for:
 Tank Overflow 0.0000
 Plant Use 0.6995
 Computer Adj. 0.0000
 Other 0.0000
 Total 0.6995

Booster Station Conditions

	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Building & Grounds	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Electrical & Telemetry	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Piping and valves	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Pumps	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent

Tanks Conditions Poor Fair Good Excellent

Site Condition Poor Fair Good Excellent
 Evidence of overflow Yes No

Treatment Plant Appearance

Buildings	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent
Grounds	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent
Intake	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent
Road & entrance	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent

Testing Done as required x Everyday Almost every day Some Never
 Housekeeping as required x Yes No
 Mowing as required x Yes No
 Proper reports filled out x Yes No Sometimes

Equipment, pumps and etc. properly maintained x Accord. to maintenance man. Sometimes
 Never

Operator overseeing treatment x Was available while on duty x Was away from plant occasionally
 Was away from plant more than needed

Comments:

With this report I certify that I have personally inspected the operation and maintenance for the month of August 2022 and that it is accurate to the best of my knowledge.

Tim Brewster

Operator

9-5-2021

Date

Edmonson Co Water District

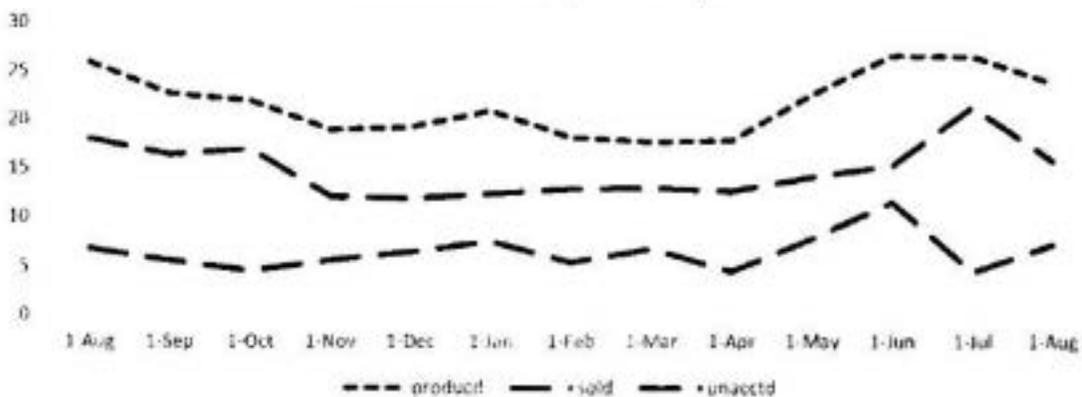
Monthly Water Loss Report

		Aug-22	Wax	WTP
			Aug-21	Totals
A:	Produced	23.577 MG	25.891 MG	
	Purchased	MG	MG	
	Total	23.577 MG	25.891 MG	
Sold	Residential	15.609 MG	17.9940 MG	
	Wholesale	MG	MG	
	Total Sold	15.609 MG	17.994 MG	
B:	Difference	7.968 MG	7.897 MG	
	% Difference	33.80%	30.50%	
Gallons Acctd For:				
	Breaks	MG	MG	
	Hyd. Flushing	MG	MG	
	Tank Overflow	MG	MG	
	Plant Use	0.787 MG	1.099 MG	
	Fire Dept Use	MG	MG	
	Adjustments +/-	MG	MG	
	Other	MG	MG	
C:	Total Gallons Acctd For:	0.787 MG	1.099 MG	
	Loss Unacctd for Water (B-C)	7.181 MG	6.798 MG	
	% Loss Unacctd for (B-C)/A	30.46%	26.25%	
	Gallons / Day (+/-)	231,645	219,275	
	Gallons / Minute (+/-)	161	152	

YTD Budget: _____ % Used || Past YTD: _____

AVG YTD Loss:

13 month loss report wax plant



MONTHLY INSPECTION & REPORT FORM

wax treatment plant

Aug-22

Gallons Pumped	<u>23,577</u>
Gallons Sold	<u>15,609</u>
Gallons Lost	<u>7,181</u>
Percentage Loss	<u>30.46%</u>
GPM Loss	<u>161</u>

Maximum Pumped	<u>894,400</u>
Minimum Pumped	<u>629,700</u>
Average Pumped	<u>760,548</u>

Gallons Accounted for	
Tank Overflow	<u>0</u>
Plant Use	<u>0.787</u>
Computer Adj.	<u>0</u>
Other	<u>0</u>
Total	<u>0.787</u>

Booster Station Conditions

_____ Poor	_____ Fair	<u> y </u> Good	_____ Excellent
<i>Building & Grounds</i>	_____ Fair	<u> y </u> Good	_____ Excellent
<i>Electrical & Telemetry</i>	_____ Fair	<u> y </u> Good	_____ Excellent
<i>Piping and valves</i>	_____ Fair	<u> y </u> Good	_____ Excellent
<i>Pumps</i>	_____ Fair	<u> y </u> Good	_____ Excellent

Tanks Conditions

_____ Poor _____ Fair y Good _____ Excellent

Site Condition

_____ Poor _____ Fair y Good _____ Excellent

Evidence of overflow _____ Yes _____ No

Treatment Plant Appearance

_____ Poor	_____ Fair	<u> y </u> Good	_____ Excellent
<i>Buildings</i>	_____ Fair	<u> y </u> Good	_____ Excellent
<i>Grounds</i>	_____ Fair	<u> y </u> Good	_____ Excellent
<i>Intake</i>	_____ Fair	<u> y </u> Good	_____ Excellent
<i>Road & entrance</i>	_____ Fair	<u> y </u> Good	_____ Excellent

<i>Testing Done as required</i>	<u> y </u> Everyday	_____ Almost every day	_____ Some	_____ Never
<i>Housekeeping as required</i>	<u> y </u> Yes	_____ No		
<i>Mowing as required</i>	<u> y </u> Yes	_____ No		
<i>Proper reports filled out</i>	<u> y </u> Yes	_____ No	_____ Sometimes	

Equipment, pumps and etc. properly maintained y Accord. to maintenance man. _____ Sometimes

_____ Never

Operator overseeing treatment _____ Was available while on duty y Was away from plant occasionally

_____ Was away from plant more than needed

Comments

With this report I certify that I have personally inspected the operation and maintenance for the month of
Aug-22 and that it is accurate to the best of my ability.

chris graham 9-2-2022

Operator

Date

MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

Aug-22

<u>10394</u> payments received in office for the the month		
<u>2079</u> received from by mail		<u>20.00%</u> paid by mail
<u>273</u> received by walk in		<u>2.63%</u> paid by walk in
<u>53</u> received by credit card		<u>0.51%</u> paid by credit card
<u>2590</u> received from bankdraft		<u>24.92%</u> paid by bankdraft
<u>1038</u> received from drive thru		<u>9.99%</u> paid by drive thru
<u>4156</u> received from online		<u>39.98%</u> paid online
<u>205</u> received from n.d		<u>1.97%</u> paid by n.d.
<u>58</u> was the most customers walk in payments received		<u>8/5/2022</u>
<u>97.00</u> Membership Fees Collected	<u>51.00</u>	Reconnect Fees Collected
<u>21</u> Tap Fees Collected	<u>4.6652</u>	Return Check Fees Collected <i>correct</i>

<u>11,235</u> Customer	<u>37,919,500</u> Total Gallons Sold	<u>\$ 337,860.23</u> \$ Amount
<u>2,888,200</u> Gals-City	<u>\$ 8,953.42</u> \$ Amount	<u>\$ 155,377.86</u> Online Amount

<u>1512</u> Phone Calls Logged	<u>383</u> Work Orders Prepared	
Routes 1-10 Delinquent Notices mailed	<u>596</u>	
<u>31</u> Customers Disconnected		<u>\$ 0.89</u>
<u>6</u> Rehung same day		Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	<u>263</u>	
<u>17</u> Customers Disconnected		
<u>5</u> Rehung same day		

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

Aug-22

<u>56</u> Customers	<u>\$ 4,207.40</u> Revenue Received
<u>130,000</u> Gallons Treated	<u>\$ 623.80</u> Cost
<u>170</u> Gallons Treated	<u>7.21</u> Cost
<u>Customers Disconnected</u>	<u>\$ 631.01</u>

Comments:

C. Canale
 SIGNATURE

9/7/22
 DATE

September 27th, 2022

ECWD

Present: Jimmy Mills, Barry Rich, Greg Nugent, Tony Sanders, Tom Goff, Wil Cannon, Dylan Hazelwood, Jeff Basham, Tim Brewster, Nathan Taylor, Chris Graham, Erica Wolfe

Minutes:

Motion made by Barry Rich to dispense the reading of the minutes, seconded by Greg Nugent. Motion carried.

O&M Reports:

Tony asked if the board would like the department heads at the first meeting of each month, they agreed that the department heads should be present.

Tim Brewster reported on Brownsville Treatment plant. For the month the water loss for Brownsville Plant is about 44.91% which is up about 4% from last year. The options discussed with the Corps of Engineers, Nature Conservancy, and Fish & Wildlife regarding Locke 5 were discussed. Tony reported that some of the options are to put in a submergible pump, extend the line and make the well deeper, to extend the pipes out 15-20 ft more in the channel to get away from sedimentation, or lower the intake about 14 inches. Tony reported that it was suggested that they could remove the plug and see what happens as a test. The plug could be put back in if there were issues. Tony reported that the situation would need to be monitored closely. Tony reported that he has spoke with Chris Warick and the test would not take place until next year if they decided to go that route. Tony has not heard any updates from the Corps; they are supposed to be getting a proposal together for the board to review. Tim Brewster suggested that they do the test during the summer months. Barry asked Tim about vertical turbine pumps at Fairview, Tim suggested that they are less maintenance but they are expensive. Perhaps some contingency money from a project could go towards a purchase like that.

Tim reported that the painting still needs to be completed in the office and on the floors. They will also be buying new cabinets and countertops. Tim reported there have been issues with only receiving partial shipments of chlorine and fluoride. He suggested quarterly bidding instead of annual bidding. This will be discussed further at a later date.

The situation at Wax Plant was discussed, and it was reported that things are only going to continue to get worse each summer. Chris Graham reported that there was an issue with the raw water pump the motor single phased. Chris reported that someone came to repair it they spliced it, wrapped it, and put it back in. Chris reported that new electrical overloads were going to be put in. They are going to put in new 80-amp fuses and a soft start. Chris also reported that there were some issues with the bigger high service pump. Tony advised that it is the department head's responsibility to handle maintenance at the

plants. That if a bearing needs to be replaced then it needs to be fixed as soon as it is noticed. Chris reported that there are frequent power surges at Wax Plant, it seems to be a maintenance issue with the electric company. Chris reported that the total unaccounted for water loss for Wax Plant is 30.46%.

Dylan reported on the total water loss for the month it is currently at 33.54%. Dylan reported that he is aware that that is high, he reported repairing 36 leaks last month. They are fixing leaks every day. He is hoping that changing out the meters and better meter accuracy will drop water loss by 5%.

Erica gave a report on the office. We have 11,235 customers as of the end of September. We disconnected 31 customers on routes 1-10 and rehung 6 of them on the same day, we disconnected 17 customers on routes 11-21 and rehung 5 on the same day.

Cleaner Water #2

Tony reported that we will hopefully open the bids for the cleaner water #2 project next year with the money being spent by 2026. Tony reported that ECWD will probably not get the full \$700,000 in Edmonson County, Caveland and Brownsville may submit profiles to receive part of the funds. Right now, Caveland has approximately 150 customers in Edmonson County. In Edmonson County the profile includes refurbishing the sand filter at Brownsville plant, painting the Industrial Park Tank, the purchase of two booster pumps and motors for Fairview, and a flow meter for the 16-inch line. Tony reported that he has a meeting with the Judge in Hart County on Friday, Tony figured the profile with us receiving around \$207,000 to use for the temporary pump station. Tony stated that we would have to have this temporary pump station even if we had to utilize some of our own funds to purchase it.

Sandra Gardener has tentatively agreed to lease her land for the site of the temporary pump station. Tony reported that he would need to speak with the electric company. Tony reports that he would like to lease the land for five years with the option to renew after the five years. The board suggested starting the offer at \$500 but do what is needed to get things done.

Sewer Rate Study:

Tony has made the request for the sewer rate study; he has spoken with Alan Villines via email. Alan stated based on the water rate case we may be looking at a significant sewer rate increase.

City of Brownsville:

Tom has called the attorney for the City of Brownsville but has not heard back. The amount of reimbursement is growing each month, Tom reports he will try calling again.

Badger Meter:

Tony reports that he spoke with Badger Meter they will do a training on the tablets for \$2,500 for a one-day training. Tony reported that due to all the issues that we have been having he is going to try and negotiate the cost.

Budget

The budget process will start next month. Tony reports that he is going to start teaching Jeff those process and how to understand it all. Tony reported that they will include a new dump truck on next year's budget.

Tariff Changes:

Motion made by Barry Rich and second by Greg Nugent to approve tariff changes regarding form updates, the new line extension contract, and the change in tap fees.

New Employee:

A new employee was hired for distribution they will be starting on October 3rd.

Tattoo Policy:

A change in policy regarding tattoos was discussed. The Water District reserves the right to request any offensive tattoos be covered during work hours. Management shall define offensive and their determination shall be final. Motion made to approve the new policy by Greg Nugent, second by Barry Rich. Motion carried.

Dump Truck:

The insurance paperwork has been submitted on the dump truck. It still needs to be inspected; it was not just the frame that was damaged

Adjourn:

Motion made by Barry Rich and seconded by Greg Nugent to adjourn the meeting. Meeting adjourned

X

Jeremy Mills

X

Barry Rich

X

Greg Nugent

October 11th, 2022

ECWD

Present: Jimmy Mills, Barry Rich, Greg Nugent, Tom Goff, Tony Sanders, Dylan Hazelwood, Jeff Basham, Tim Brewster, Jeremy Staples, Erica Wolfe

Minutes:

Motion made by Greg Nugent seconded by Barry Rich to dispense the reading of the minutes. Motion carried.

Financial Reports:

Tony reports that we sold the same amount of water as this time last year. Sales for the year are up, wholesale sales are down, and penalties are up. We are overbudget approximately \$100,000 in salaries for the year due to the pay increase. Purchased power costs have increased and we are overbudget around \$67,000 in inventory for the year. We should have another set of meters delivered in November, and we will have another big contractual service bill for the painting at Brownsville Plant. We will likely need to do a budget amendment. Next year we will need to increase transportation expenses, because of the increase in fuel and because of needing new trucks.

The sewer bond coverage is good for the year. Right now, we do not have a lot of maintenance issues with sewer. We are operating at a surplus, which is good. We are waiting to hear from KRWA about the sewer rate case.

Motion made by Barry Rich, and seconded by Greg Nugent to approve the checks for September.

The board asked about the current turnaround time for new installs. Dylan reported that locates are now taking four to five business days, and that has been the biggest wait right now. Emergency locates may now take up to 48 hours.

Budget:

Next year we will need around \$900,000 for bond payments for principal and interest for the year. Tony reported that he emailed all the department heads and told them that their budgets are due on the 26th. Tony reports that the board can review the initial budget the first meeting in November and the budget will need to be approved at the second meeting in November.

Meter Distributor:

Tony reports that FPG will be taking over as our meter distributor we currently are a direct customer of Badger Meter. Due to the issues that we have been having with our tablets Badger has agreed to give us two free days of in person training.

Meter Change Outs:

Tony reports the process is going smoother than before, they have picked up their pace a little bit.

Dump Truck:

We are waiting on an estimate from Larco on the old dump truck. Several places have been contacted about a new one and there is a significant wait list.

Brownsville Report:

Brownsville's loss for the month is at 32.14%. Housekeeping and maintenance are good. Tim reported that they will start releasing the water for winter pool on the 15th. Barry Rich stated we have an emergency facing us. Tim stated that right now we do not have a viable solution we are taking it as it comes. Tim said he may need to contact the diver and have them do an inspection/ clean out. Tim reported on the painting at the plant, 2/3 of the upstairs is done, and about 1/3 of the downstairs. They should be done in about two weeks. Tony reported that Jeremiah is supposed to put down the tile there once the painting is completed.

Wax Report:

Wax's water loss for the month is at 22.37%. Jeremy reported that there is an issue with the high service pump and they are supposed to be coming today or tomorrow to work on it. The guttering on the chemical building is falling off and needs repair.

Distribution Report:

Dylan reported that the water loss for the month is at 19.94%. They fixed 39 leaks during the month. The tanks and booster stations are in fair condition and inventory was not counted this month.

Office Report:

Erica reported on the status of the office. There have been 10,146 payments collected for the month with 41% being online payments. We processed 34 new installs for the month.

Chemical Quotes:

Tim Brewster reported that companies may not be able to honor yearly quotes. The companies that he spoke with said that they would try to honor quarterly quotes. Recently there have been both quality and supply issues, the global economy is having a major impact on the water industry. Tony and Tim are both worried that if we do a yearly quote, we won't get any quotes in. Tom reported that he will look

into it further we are in new territory with the bidding process. Tony reported that we usually send out quotes the second week in November, so we would need to know before then. We will decide at the next meeting.

Meeting with the Corps:

Tony reported that he has been emailing back and forth with Derck Rodgers and he and Louis will be meeting with the Corps on Thursday at 9am to discuss the deviation at Wax Plant. Barry Rich suggests that they also be showed the debris at the river when they come.

Consulting Co in Glasgow KY

Tony has been talking with a company that does consulting work with FEMA. They have told Tony that we may qualify for some FEMA funds for our intake situation. Tony is going to check to see what the fees would be for the consultation if we are not approved for funds.

Cleaner Water#2.

Tony reported that we got the full amount for Edmonson County \$736,590. In Hart County they divided it evenly and we got \$157,000. In Grayson County they divided it based on customer count and we got \$274,000. The estimated cost for the temporary pump station in Hart County is \$207,000 if we don't have any funds leftover from Cleaner Water #1 we may have to utilize some of our own funds for the pump.

Ms. Gardener agreed to lease the land for the temporary pump for \$800 a year. Tony reports he will check out the situation with the electric company and then have Tom draw up a lease agreement for 5 years with the potential to extend that as needed.

Proposed Subdivision Ponderosa Rd:

Tony reports that there is a 25-acre subdivision, requesting a line extension. Another few people have also called about potential subdivisions. The board commented that adding more subdivisions would be stressing a system that is already stressed to the max. They reported that we need to discuss the capacity of Wax Plant particularly during the summer months. That subdivisions may need to be approved on a case-by-case basis due to lack of capacity to furnish water. Tom reported he will check on the legalities.

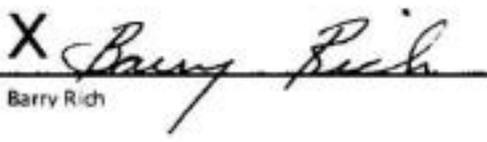
We will need to send the information to Louis for a hydraulic study first. The line extension has already been signed by the customer. Motion made by Greg Nugent and seconded by Barry Rich to approve the subdivision pending engineer evaluation, Jimmy Mills signed the contract.

City of Brownsville:

Tom reported that he spoke with the City of Brownsville's attorney and sent him the information regarding the contract and the overpayment, he has not heard back. Tom reports that he will follow up before the next meeting.

Adjourn:

Motion made by Greg Nugent to adjourn, seconded by Barry Rich. Meeting adjourned.

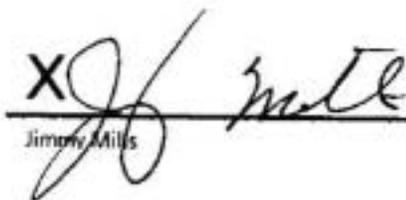
X  X 
Jimmy Mills Barry Rich

X 
Greg Nugent

October 11, 2022

We have reviewed and approved the transactions for the month of September 2022 for the following accounts. The documents that have been reviewed are attached.

- Water Operation & Maintenance (Account ID: 13400)
- Membership Fee Fund (Account ID: 13200)
- Health Insurance Deduction Reserve (Account ID: 13530)
- Debit Card Account (Account ID: 13410)
- Sewer Operation & Maintenance (Sewer Account ID: 13400)

 Jimmy Mills

 Barry Rich

 George Muggert

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility: Edmonson County Water District

For the Month of: SEPT Year: 2022

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	61,713,000
3	Water Purchased	
4	TOTAL PRODUCED AND PURCHASED	61,713,000
5		
6	WATER SALES	
7	Residential	39,897,500
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	2,806,900
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	42,704,400
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	1,373,300
18	Wastewater Plant	
19	System Flushing	4,849,000
20	Fire Department	350
21	Other Usage (explain) * PUMPS *	480000
22	TOTAL OTHER WATER USED	6,702,650
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	5,175,020
27	Line Leaks	7,130,930
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	12,305,950
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	19.94%

MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS:

TOTAL GALLONS PUMPED	61,713,000	GALLONS FLUSHED	4,849,000
TOTAL GALLONS SOLD	42,704,400	NUMBER OF LEAKS	39
TOTAL GALLON LOSS	19,008,600	ESTIMATED GALLONS	5,125,020
PERCENTAGE LOSS	30%	RIVER HILL PUMPS	480,000
GALLONS ACCOUNTED FOR	10,504,320	TANK OVERFLOW	350
GALLONS UNACCOUNTED FOR	8,504,230 30%	OTHER F-Dept	

VEHICLE MAINTAINANCE: ACCORDING TO MAINTAINANCE MANUAL
 SOMETIMES
 NEVER

EQUIPMENT MAINTAINANCE: ACCORDING TO MAINTAINANCE MANUAL
 SOMETIMES
 NEVER

MOWING DONE AS REQUIRED: YES NO PARTLY

SYSTEM APPEARANCE:

LINES	<input type="checkbox"/>	POOR	<input checked="" type="checkbox"/>	FAIR	<input type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
PRESSURE STATION	<input type="checkbox"/>	POOR	<input checked="" type="checkbox"/>	FAIR	<input type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
TANK SITE	<input type="checkbox"/>	POOR	<input checked="" type="checkbox"/>	FAIR	<input type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
BOOSTER STATION	<input type="checkbox"/>	POOR	<input checked="" type="checkbox"/>	FAIR	<input type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
STORAGE YARD & LOT	<input type="checkbox"/>	POOR	<input checked="" type="checkbox"/>	FAIR	<input type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
MAINTAINANCE	<input type="checkbox"/>	POOR	<input type="checkbox"/>	FAIR	<input checked="" type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
OFFICE GROUNDS	<input type="checkbox"/>	POOR	<input type="checkbox"/>	FAIR	<input checked="" type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
VALVES	<input type="checkbox"/>	POOR	<input type="checkbox"/>	FAIR	<input checked="" type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT
METERS	<input type="checkbox"/>	POOR	<input checked="" type="checkbox"/>	FAIR	<input type="checkbox"/>	GOOD	<input type="checkbox"/>	EXCELLENT

TESTING DONE AS REQUIRED: EVERY DAY ALMOST EVERY DAY
 SOME NEVER

PROPER REPORTS FILLED OUT: YES NO

TOOL INVENTORY: CHECKED & BALANCED CHECKED & SOME GONE
 NOT CHECKED

MATERIAL INVENTORY: CHECKED & BALANCED CHECKED & SOME GONE
 NOT CHECKED

COMMENTS: Trying to find leaks and get them fixed as quick as possible. While keeping all other work caught up.

WITH THIS REPORT I CERTIFY THAT I HAVE INSPECTED THE OPERATION AND MAINTAINANCE FOR THE MONTH OF Sept.
Sgt. Harper
 OPERATOR DATE 10-10-22

Edmonson Co Water District

Monthly Water Loss Report

Sept 2022

Brownsville WTP

		September-21	Totals
A:	Produced	37.8440 MG	37.9820 MG
	Purchased	MG	MG
	Total	37.8440 MG	37.9820 MG
Sold	Residential	21.8715 MG	23.8251 MG
	Wholesale	2.8069 MG	2.4137 MG
		MG	MG
Total Sold		24.6784 MG	26.2388 MG
B:	Difference	13.1656 MG	11.7432 MG
	% Difference	34.79%	30.92%
Gallons Acctd For:			
	Breaks	MG	MG
	Hyd. Flushing	MG	MG
	Tank Overflow	MG	MG
	Plant Use	0.5543 MG	0.5701 MG
	Fire Dept Use	MG	MG
	Adjustments +/-	MG	MG
	Wax	0.448 MG	MG
C:	Total Gallons Acctd	1.002 MG	0.570 MG
	Loss Unacctd for Wa	12.164 MG	11.173 MG
	% Loss Unacctd for	32.14%	29.42%
	Gallons / Day (+/-)	423,933	372,433
	Gallons / Minute (+/-)	294	259

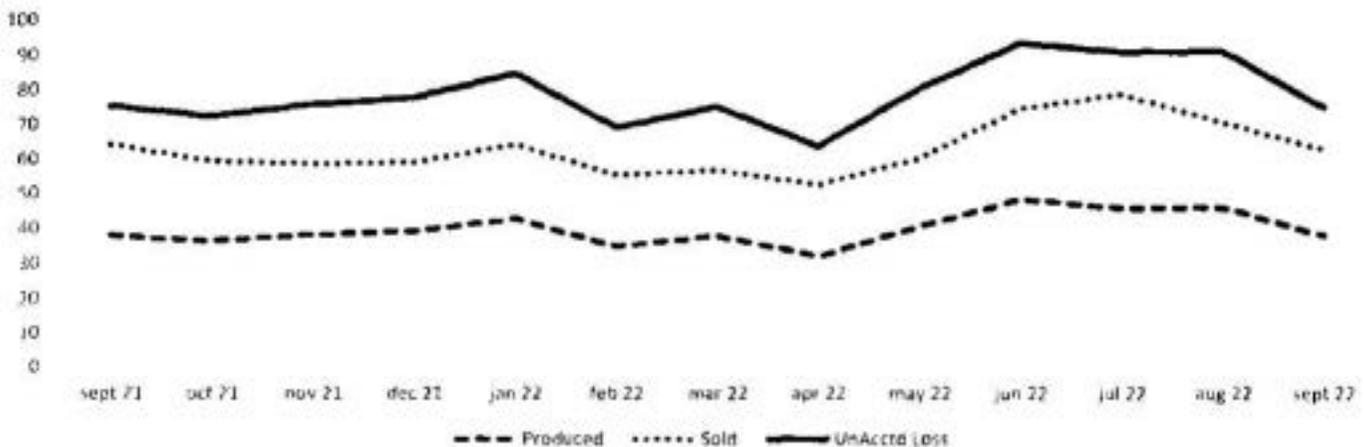
YTD Budget: 3.04% over

78.04 % Used

Past YTD Avg. Loss: 37.02%

YTD Loss: **40.41%**

13 Mth Loss Rpt Bville WTP



**MONTHLY INSPECTION & REPORT FORM
BROWNSVILLE TREATMENT PLANT**

Gallons Pumped	<u>37,844</u>
Gallons Sold	<u>24,678</u>
Gallons Lost	<u>12,164</u>
Percentage Loss	<u>32.14%</u>
GPM Loss	<u>294</u>

Maximum Pumped	<u>1,482,000</u>
Minimum Pumped	<u>938,000</u>
Average Pumped	<u>1,2208</u>

Gallons Accounted for:	
Tank Overflow	<u>0.000</u>
Plant Use	<u>0.5543</u>
Computer Adj.	<u>0.000</u>
Other	<u>0.448</u>
Total	<u>1.0021</u>

Booster Station Conditions	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Building & Grounds	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Electrical & Telemetry	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Piping and valves	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Pumps	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent

Tanks Conditions	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
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Site Condition	<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Evidence of overflow	<u> </u> Yes	<u> </u> No		

Treatment Plant Appearance				
Buildings	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent
Grounds	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent
Intake	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent
Road & entrance	<u> </u> Poor	<u> </u> Fair	<u> x </u> Good	<u> </u> Excellent

Testing Done as required	<u> x </u> Everyday	<u> </u> Almost every day	<u> </u> Some	<u> </u> Never
Housekeeping as required	<u> x </u> Yes	<u> </u> No		
Mowing as required	<u> x </u> Yes	<u> </u> No		
Proper reports filled out	<u> x </u> Yes	<u> </u> No	<u> </u> Sometimes	

Equipment, pumps and etc. properly maintained	<u> </u> x	<u> </u> Accord. to maintenance man.	<u> </u> Sometimes
		<u> </u> Never	

Operator overseeing treatment	<u> x </u> Was available while on duty	<u> x </u> Was away from plant occasionally
	<u> </u> Was away from plant more than needed	

Comments:

With this report I certify that I have personally inspected the operation and maintenance for the month of
Sept 2022 and that it is accurate to the best of my knowledge.

Tim Brewster
Operator

October 10, 2022
Date

Edmonson Co Water District

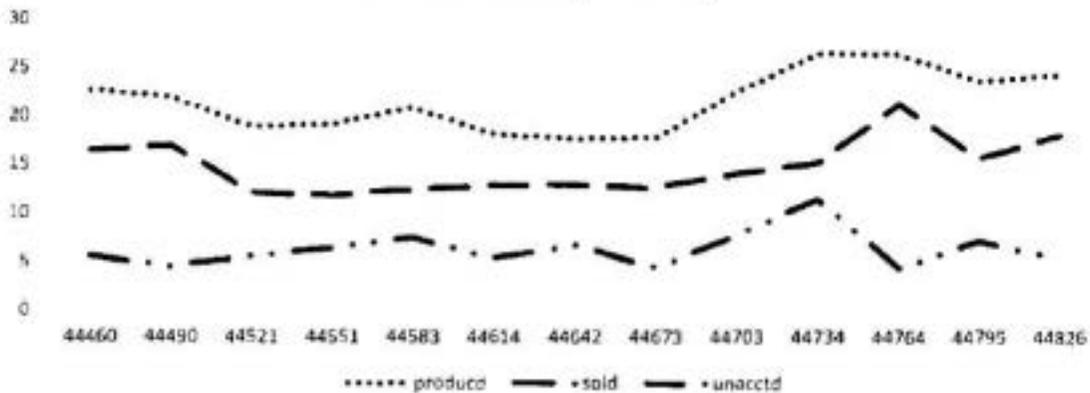
Monthly Water Loss Report

		Wax	WTP
		Sep-22	Sep-21
		Totals	
A:	Produced	23.829 MG	22.852 MG
	Purchased	0.448 MG	0 MG
	Total	24.277 MG	22.852 MG
Sold	Residential	18.026 MG	16.3370 MG
	Wholesale	MG	MG
		MG	MG
Total Sold	18.026 MG	16.337 MG	
B:	Difference	6.251 MG	6.515 MG
	% Difference	25.75%	28.51%
Gallons Acctd For:			
	Breaks	MG	MG
	Hyd. Flushing	MG	MG
	Tank Overflow	0.000 MG	0.000 MG
	Plant Use	0.819 MG	0.970 MG
	Fire Dept Use	MG	MG
	Adjustments +/-	MG	MG
	Other	MG	MG
C:	Total Gallons Acctd For:	0.819 MG	0.970 MG
	Loss Unacctd for Water (B-C)	5.432 MG	5.545 MG
	% Loss Unacctd for (B-C)/A	22.37%	24.26%
Gallons / Day (+/-)		181,053	184,836
Gallons / Minute (+/-)		126	128

YTD Budget: _____ % Used || Past YTD: _____

AVG YTD Loss:

13 month loss report wax plant



MONTHLY INSPECTION & REPORT FORM
wax treatment plant

Sep-22

Gallons Pumped 24,277
 Gallons Sold 18,026
 Gallons Lost 5,432
 Percentage Loss 22.37%
 GPM Loss 126

Maximum Pumped 919,500
 Minimum Pumped 648,600
 Average Pumped 794,287

Gallons Accounted for
 Tank Overflow 0
 Plant Use 1,065
 Computer Adj. 0
 Other 0
 Total 1,065

Booster Station Conditions

Building & Grounds	<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
Electrical & Telemetry	<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
Piping and valves	<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
Pumps	<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent

Tanks Conditions

 Poor Fair y Good Excellent

Site Condition

 Poor Fair y Good Excellent

Evidence of overflow Yes y No

Treatment Plant Appearance

Buildings	<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
Grounds	<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
Intake	<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
Road & entrance	<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent

Testing Done as required y Everyday Almost every day Some Never

Housekeeping as required y Yes No

Mowing as required y Yes No

Proper reports filled out y Yes No Sometimes

Equipment, pumps and etc. properly maintained y Accord. to maintenance man. Sometimes
 Never

Operator overseeing treatment Was available while on duty y Was away from plant occasionally
 Was away from plant more than needed

Comments Guttering on chemical building needs work or replaced is falling off. New packing and packing gland was ordered for high service pump #1 and packing for #2 new overloads were ordered for raw #1 and received model w71

With this report I certify that I have personally inspected the operation and maintenance for the month of
 Sep-22 and that it is accurate to the best of my ability.

chris graham 10-4-2022

Operator

Date

MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

Sep-22

<u>10146</u> payments received in office for the the month	
<u>1965</u> received from by mail	<u>19.37%</u> paid by mail
<u>170</u> received by walk in	<u>1.68%</u> paid by walk in
<u>33</u> received by credit card	<u>0.33%</u> paid by credit card
<u>2576</u> received from bankdraft	<u>25.39%</u> paid by bankdraft
<u>970</u> received from drive thru	<u>9.56%</u> paid by drive thru
<u>4173</u> received from online	<u>41.13%</u> paid online
<u>259</u> received from n.d	<u>2.55%</u> paid by n.d.
<u>20</u> was the most customers walk in payments received	<u>9/19/2022</u>
<u>99.00</u> Membership Fees Collected	<u>24.00</u> Reconnect Fees Collected
<u>34</u> Tap Fees Collected	<u>(2,568)</u> Return Check Fees Collected

<u>11,264</u> Customer	<u>39,897,300</u> Total Gallons Sold	<u>\$ 352,645.16</u> \$ Amount
<u>2,806,900</u> Gals-City	<u>\$ 8,701.39</u> \$ Amount:	<u>\$ 143,277.30</u> Online Amount

<u>1374</u> Phone Calls Logged	<u>294</u> Work Orders Prepared
Routes 1-10 Delinques ent Notices mailed	<u>0</u>
<u>0</u> Customers Disconnected	<u>\$ 0.88</u>
<u>0</u> Rehung same day	Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	<u>323</u>
<u>10</u> Customers Disconnected	
<u>0</u> Rehung same day	

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

Sep-22

<u>56</u> Customers	<u>Revenue Received</u>
<u>154,000</u> Gallons Treated	<u>\$ 652.96</u> Cost
<u>0</u> Gallons Treated	<u>6.36</u> Cost
<u>0</u> Customers Disconnected	<u>\$ 659.32</u>

Comments:

Eucan Wolfe
SIGNATURE

10/10/22
DATE

October 25th, 2022

ECWD

Present: Louis Robbins, Jimmy Mills, Barry Rich, Greg Nugent, Tom Goff, Tony Sanders, Jeff Basham, Tim Brewster, Dylan Hazelwood, Erica Wolfe

Minutes:

Motion made by Barry Rich, and seconded by Greg Nugent to dispense the reading of the minutes.
Motion carried.

Water Issues:

Tony reported that there were posts made and photos posted on Facebook regarding water issues and the news media was tagged in some of those posts. There have been widespread taste and odor issues and pockets of mud. Tony reported that he reported on the situation at Fiscal court. The water produced was checked yesterday and it is good quality. Tim Brewster reported on the situation. He said that this happens yearly but this time it was around three days later, the turbidity went from 16 to 500 and it was worse water than he has ever seen. He reported that some of the color issues were due to feeding excessive chlorine. The excessive chlorine scours the lines and breaks stuff loose. Tim reported after the bad water came in it took about two days to get the plant back where it needed to be. Tim reported that we only had about 30% of water due to the drought, there was very little dilution factor. When they let the lake out it came right off the bottom of the lake there was four feet rise in the river. Tim reports that next year we should request that the Corps hold off until around 4pm. We would work towards closing the plant for 12-16 hours to get most of it passed us. There may be complaints for the next week or so as it is distributed throughout the system.

Meeting with the Corps:

Tony reported that he and Louis met with the Corps about two weeks ago. They are concerned about holding the water level because of flood control. They reported it puts greater stress on the Dam. They will get started on the permit for deviation for this year. The Corps would like for us to look at other alternatives for next year. The idea of dredging continues to be mentioned. Tony reports that he got estimates last year and the cost would be around \$400,000. Tony reported that he spoke with Kylie at Representative Guthrie's office about getting money for dredging in next year's budget. She believes it could be a possibility but she should know more after the election. Barry reports that the simplest option would be for them to hold the water level. Tony reported that the Corps believes that they can do the permitting to allow the sediment to be put back into the lake after the dredging. Both Louis and Tony do not believe that permitting would be allowed it would be dumping 44,000 cubic yards of sediment downstream. Tony reported that there would be a large increase in price if the sediment had to be removed from the lake rather than being moved. Tony reported that the Corps said they could do an environmental study regarding the possibility of dredging. Barry reported that he would be for it if the Corps was paying for the dredging but he is not in favor of it if we are expected to pay. Tony reported that we would be expected to cover the expense but there may be funds available to cover the cost. Tony reported that he has so reached out to see if there may be FEMA funds available as well.

Motion made by Greg Nugent and seconded by Jimmy Mills to write a letter to the Corps officially requesting an environmental study so that we can proceed with the possibility of dredging. Motion carried.

Legalties of Denying Subdivisions:

Tom reported that if we get to a point where we can not provide adequate water the PSC can say no more hook ups. This could be no more hook ups in the Wax area or no more hook ups system wide. The possibility of hooking onto other Water Districts was discussed. Green River Valley can feed us water for about 100 customers. Grayson County can't hardly feed us water due to their tank elevation. Tom reported that he spoke with Damon Talley about denying service and Damon reported it could open things up for litigation. If we continue selling meters, we are obligated to supply water at 30 psi and obligated to provide an adequate supply. We could potentially do a self-imposed tap ban if need be. Louis reports that water loss would be a major issue in this situation.

Water Loss/Leak Detection:

Tony reported that he spoke with a company from California about satellite leak detection, that can pinpoint a leak within 300 ft. It picks up chemical characteristics. It is around \$90,000 for the first scan but the cost would decrease if you have it done more than once. Tony reported that if we are interested in pursuing it, he could put it in the budget for next year. It could help remedy our water loss and reduce a lot of issues at Wax Plant.

Budgets:

All budgets are to be turned in tomorrow, Tony will have potential draft budget available at the next board meeting.

City of Brownsville:

Their attorney has not returned Tom's call, and we have not heard from the Mayor regarding the overcharge.

Option to Buy:

Tom signed the option to buy and advised that we get it recorded at the County Clerk's office.

Quarterly Quotes:

Tom reported that he did some research and if it is going to be over \$30,000 for the quarterly chemical quotes, we will have to advertise each time. Tony also reported that lab fees are going up 7%, we are going to check into if the lab is considered a professional service to see if we will need to get quotes on lab services.

KRWA dues:

Dues are up for renewal the cost is \$1,900. Motion made by Barry Rich to pay dues, second by Greg Nugent. Motion carried.

[REDACTED]
[REDACTED] is requesting to extend the line to 10 more lots. The contract was signed, motion made to send it to Louis for a hydraulic study and to send for approval with DOW. Motion made by Barry Rich and seconded by Greg Nugent. Motion carried.

Dump Truck:

Dylan reported that finding a new dump truck is nearly impossible. We can get on wait lists but it may be 2024 before we are able to get one. If we are going to get one it will likely need to be declared an emergency. A few new trucks have been found in other states, Dylan and Jeff are continuing to look into different options.

[REDACTED]:
[REDACTED] is having to take his spouse to the doctor and physical therapist on a regular basis. He is requesting to use his accumulative vacation time. The board reported they are his days as far as they are concerned, he can use them as he needs them. The use of these accumulative days will be approved under the extension of her hospitalization.

Employee/Personnel Issues:

Motion made by Greg Nugent to go into closed session to discuss employee/personnel issues. Motion made by Barry Rich to come out of closed session, seconded by Greg Nugent.

Adjourn:

Motion made by Barry Rich to adjourn the meeting, seconded by Greg Nugent. Motion carried. Meeting adjourned.

X

J. Noble

Jimmy Noble

X

Barry Rich

Barry Rich

X

Greg Nugent

Greg Nugent

Emergency Meeting

November 1st, 2022

ECWD

Present: Barry Rich, Greg Nugent, Tony Sanders, Dylan Hazelwood, Jeff Basham, Erica Wolfe

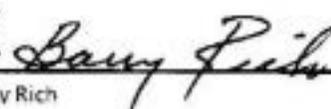
Motion made by Barry Rich to appoint Greg Nugent as the chairman of the meeting due to Jimmy Mill's absence.

The board discussed purchasing a dump truck found in Ohio. It is a new 2023 model. Photos have been shown to Greg and Barry. Barry stated that the only thing that he noticed about it is that it may have to have a board put on it. Tony reported that we do have the funds available but we may have to do a budget amendment. Right now, we have over \$400,000 in our short-term depreciation reserve. These funds can be used for purchases such as this. Tony reports that we have \$255,000 budgeted for capital expenditures. We have already spent \$169, 942. This purchase would put us over the \$255,000 budgeted amount. Tony recommends we do a line-item change and add \$40,000 to capital expenditures to cover the purchase. Motion made by Greg Nugent to amend the capital expenditures budget by increasing it \$40,000 second by Barry Rich. Motion carried.

Motion made by Barry Rich to purchase this dump truck under an emergency basis, our dump truck has been wrecked and we don't currently have one. It is a necessity. The assistant manager and distribution supervisor have checked with several dealers this is the only new truck that has been found available due to supply issues. Motion seconded by Greg Nugent. Emergency declared. Motion carried.

Adjourn:

Motion made by Barry Rich to adjourn the meeting, seconded by Greg Nugent. Meeting adjourned.

X 
Barry Rich

X 
Greg Nugent

November 8th, 2022

ECWD

Present:

Jimmy Mills, Barry Rich, Greg Nugent, Tom Goff, Tony Sanders, Jeff Basham, Dylan Hazelwood, Tim Brewster, Nathan Taylor, Erica Wolfe

Minutes:

Motion made to dispense the reading of the minutes by Greg Nugent, seconded by Barry Rich. Motion carried.

O&M Reports:

Tony reported that the YTD bond coverage is good, nearly a 3. We do have some big expenses left to pay; the meters and the painting at Brownsville plant. Tony reported that he plans on having the budget amendments ready by the first meeting in December for review. Tony reports that the bond coverage is good for sewer as well, and that we are currently making more than we are spending in sewer. Tony reported that the PSC did a sewer inspection and found no deficiencies. We did need updated CPR training, but we got that completed the following week and sent it over.

Jimmy Mills signed the verification of insurance coverage to send to Rural Development.

Check Approval:

Motion made by Barry Rich to approve the checks for October 2022, seconded by Greg Nugent. Motion carried.

Rough Draft of 2023 Budget:

Tony is estimating that we will take in \$4,109,000, we will have \$3,342,000 in expenses, \$890,000 in depreciation, and \$123, 841 in taxes. That would leave us with a net plant utility loss of \$246,000 after recovering depreciation. Next year we will have to do a single audit.

Tony reported that he has not put dredging in the budget, he is waiting on an updated quote on that. Tony reported that he did send the letter requesting that the Corps do an environmental study.

Satellite Leak Detection:

Tony reported that he spoke with the company about satellite leak detection, and that Steffan sent them a map of our system. We are waiting to hear from them regarding a quote. Leitchfield has used a satellite leak detection program, Grayson County has gotten a quote, and Ohio County is considering using them as well. Tony reported that we have 796 miles in our system and that previously he was told it would be about \$90,000 for one scan but we would get a discount on the second scan. Tony will get the quote and we can decide if we want to proceed at the next meeting.

New Wax Treatment Plant:

Tony reported that he road around with the Corps last week. They found two lots in a subdivision that may be suitable for an intake. They were the best ground with the deepest water. Tony reported that he spoke with Damon Talley and subdivision rules do not apply to government entities, they are exempt from planning and zoning. Tony reported that he has not contacted the owners yet about if they are willing to sell.

Brownsville Plant:

Tim Brewster reported a 41.37% water loss, which is approximately 377 gallons per minute. Tim reported that housekeeping has been completed as required and reports have been completed in a timely manner. Tim reported that the painting job is done, except for the downstairs floors. Tim reported that they will have to come back to complete the cleanup.

Wax Plant:

Nathan reported a 36.02% water loss, which is approximately 189 gallons per minute. Nathan reported that all inspections have been completed and tank conditions are in good condition. Regular housekeeping has been completed. The raw pump has been repaired, the VFD on the high service pump is still in need of repair.

Distribution:

Dylan reported a 37.04% water loss. Dylan reported that maintenance has been completed according to the manual. Inventory was not counted for the month of October. Dylan reported that they put in the PRV on Sandlin Rd, and we will send Stephen Jones the bill for his portion. Dylan reported that they are continue to flush for odor and taste issues but not as much.

Lead & Copper Survey:

Tony reported that he signed Jeff, Dylan, and Erica signed up for a lead and copper training on November 29th. The lead and copper survey is to be completed by October 17th, 2024.

Office:

Erica reported that there are 11,277 customers as of the end of October, and we received 10,681 payments for the month. Approximately 40% of payments were collected through the online portal. We disconnected 32 on routes 1-10, and 14 on routes of 11-21. We have 56 sewer customers. The new sales & use exemption was discussed. Effective January 1st any customer with more than one meter will be charged sales & use tax. We will have to start requesting declaration of domicile forms after January 1st, anyone who does not complete one declaring that the property is their primary residence will be billed for sales & use tax.

Employees:

Tony reported that Jeremiah went to school and passed his test. But he will be off for a while due to an accident he had outside of work. He is waiting to see if he will need reconstructive surgery

Patrick and Jeremy also went to school, they have not been informed if they have passed the test.

Proposal from KRWA on Sewer Rates:

Tony reported that the cost will be \$7,500 for KRWA to conduct the rate study. It is his recommendation that we move forward with the rate study with KRWA. Tony reported that he put \$7,500 in the sewer budget for the rate case. Motion made by Barry Rich and seconded by Greg Nugent to move forward with the rate study.

PSC:

The PSC has responded to our request for form changes with a few corrections. We will make the corrections and send to the PSC. Tom stated that he has a conference call with Driel Hinton at the PSC tomorrow to discuss the line extension agreement changes.

Dump Truck Estimate:

The estimate for the dump truck is \$10,986.59 after our \$500 deductible the insurance company will reimburse us \$10,486.59. We will repair the non-cosmetic issues with the old dump truck.

Hwy 88:

Tony reported that he met with the electric company about the potential booster station site. The electric company stated that there should be no issue if we do not build under the electric line. When

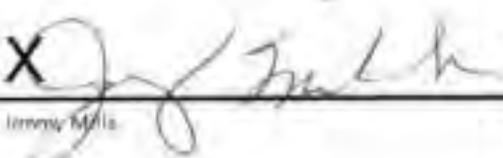
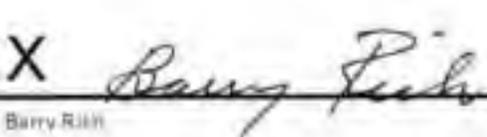
we get ready for it, they said to complete the request online. We will lease the land when the grant money is committed.

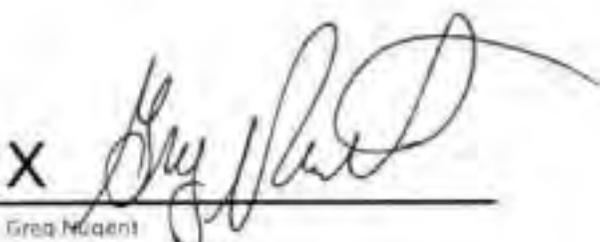
Line Extension:

There are currently ten people interested in a line extension at Old Iberia Rd. It will be approximately 4,000ft of 3-inch line coming off the 4-inch line. The board discussed if the request could be denied, Tom responded that at this point he did not believe that we could deny it. Motion made by Barry Rich to accept the private line extension at Old Iberia Rd if the hydraulic study is approved by Louis. Seconded by Greg Nugent. Motion carried.

Meeting Adjourned:

Motion made by Barry Rich to adjourn the meeting, seconded by Greg Nugent. Meeting Adjourned

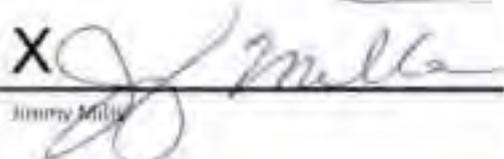
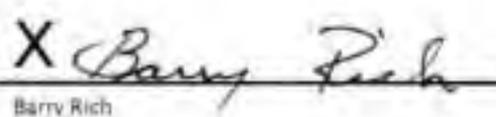
X  X 
Jimmy Mills Barry Rich

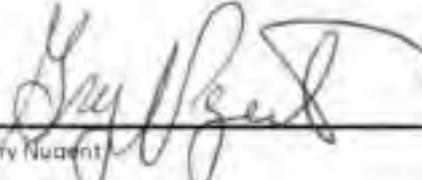
X 
Greg Nugent

November 8, 2022

We have reviewed and approved the transactions for the month of October 2022 for the following accounts. The documents that have been reviewed are attached.

- Water Operation & Maintenance (Account ID: 13400)
- Membership Fee Fund (Account ID: 13200)
- Health Insurance Deduction Reserve (Account ID: 13530)
- Debit Card Account (Account ID: 13410)
- Sewer Operation & Maintenance (Sewer Account ID: 13400)

X  X 
Jimmy Miller Barry Rich

X 
Gregory Nugent

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility: Edmonson County Water District

For the Month of: OCT Year: 2022

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	62,414,000
3	Water Purchased	
4	TOTAL PRODUCED AND PURCHASED	62,414,000
5		
6	WATER SALES	
7	Residential	34,050,200
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	2,530,900
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	36,581,100
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	1,355,100
18	Wastewater Plant	
19	System Flushing	873,900
20	Fire Department	5,250
21	Other Usage (explain) * PUMPS *	480,000
22	TOTAL OTHER WATER USED	2,714,250
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	1,935,940
27	Line Leaks	21,182,710
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	23,118,650
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	37.04%

Edmonson Co Water District

Monthly Water Loss Report

Oct 2022

Brownsville WTP

A: Produced		39.1970 MG
Purchased		MG
Total		39.1970 MG
Sold	<i>Residential</i>	19.8552 MG
	<i>Wholesale</i>	2.5309 MG
	<i>Wax WTP</i>	MG
Total Sold		22.3861 MG
B: Difference		16.8109 MG
% Difference		42.89%

October-21	Totals
36.474 MG	MG
36.474 MG	MG
20.5633 MG	MG
2.286 MG	MG
MG	MG
22.850 MG	MG
13.625 MG	MG
37.35%	

Gallons Acctd For:

<i>Breaks</i>	MG
<i>Hyd. Flushing</i>	MG
<i>Tank Overflow</i>	MG
<i>Plant Use</i>	0.5941 MG
<i>Fire Dept Use</i>	MG
<i>Adjustments +/-</i>	MG
<i>Other (Wax)</i>	MG

MG
MG
MG
0.529 MG
MG
MG
MG

C: Total Gallons Acctd For:	0.594 MG
Loss Unacctd for Water (B-C)	16.217 MG
% Loss Unacctd for (B-C)/A	41.37%

0.529 MG
13.096 MG
35.90%

Gallons / Day (+/-)	542,290
Gallons / Minute (+/-)	377

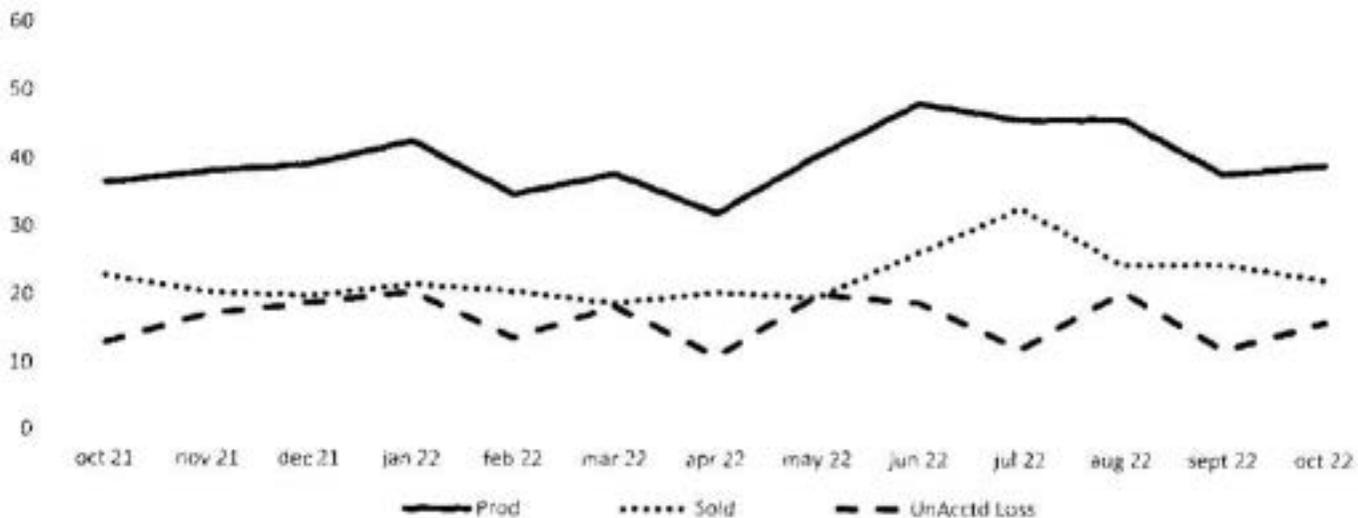
422,452
293

YTD Budget: _____ % Used

Past YTD Avg. Loss: 36.91%

YTD Avg Loss: 40.51%

13 Mth Loss Rpt Bville WTP



Edmonson Co Water District

Monthly Water Loss Report

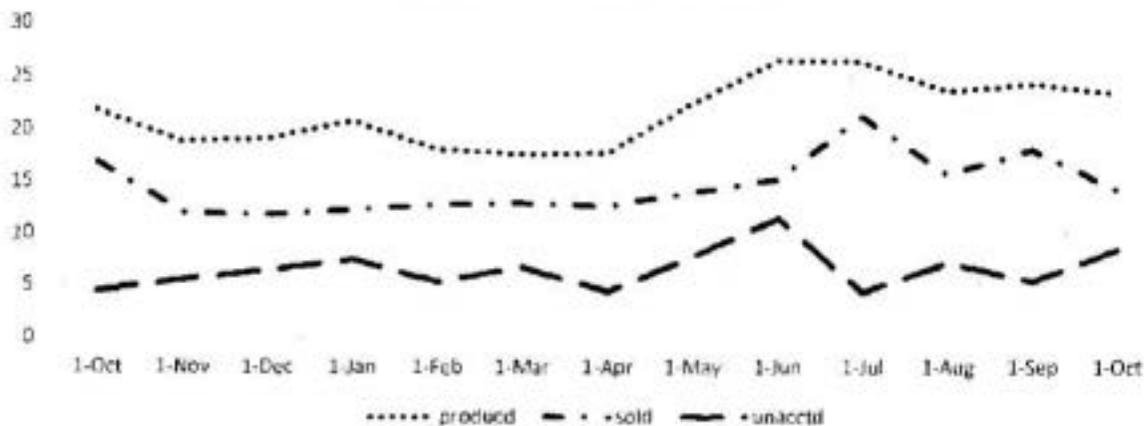
Erica

		Wax	WTP
		Oct-22	Oct-21
		Totals	
A:	Produced	23.217 MG	21.883 MG
	Purchased	0.158 MG	0.000 MG
	Total	23.375 MG	21.883 MG
Sold	Residential	14.195 MG	16.889 MG
	Wholesale	MG	MG
	Total Sold	14.195 MG	16.889 MG
B:	Difference	9.180 MG	4.994 MG
	% Difference	39.27%	22.82%
Gallons Acctd For:			
	Breaks	MG	MG
	Hyd. Flushing	MG	MG
	Tank Overflow	MG	MG
	Plant Use	0.761 MG	0.937 MG
	Fire Dept Use	MG	MG
	Adjustments +/-	MG	MG
	Other	MG	MG
C:	Total Gallons Acctd For:	0.761 MG	0.937 MG
	Loss Unacctd for Water (B-C)	8.419 MG	4.057 MG
	% Loss Unacctd for (B-C)/A	36.02%	18.54%
	Gallons / Day (+/-)	271,587	130,878
	Gallons / Minute (+/-)	189	91

YTD Budget: \$314,372.00 86 % Used || Past YTD: 83.00%

AVG YTD Loss: -

13 month loss report wax plant



MONTHLY INSPECTION & REPORT FORM
wax treatment plant

Oct-22

Gallons Pumped	<u>23,375</u>
Gallons Sold	<u>14,195</u>
Gallons Lost	<u>8,419</u>
Percentage Loss	<u>36.02%</u>
GPM Loss	<u>189</u>

Maximum Pumped	<u>884,000</u>
Minimum Pumped	<u>626,900</u>
Average Pumped	<u>748,942</u>

Gallons Accounted for	
Tank Overflow	<u>0</u>
Plant Use	<u>1,030</u>
Computer Adj.	<u>0</u>
Other	<u>0</u>
Total	<u>1,030</u>

Booster Station Conditions

<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Building & Grounds</i>	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Electrical & Telemetry</i>	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Piping and valves</i>	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Pumps</i>	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent

Tanks Conditions

<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<u>Site Condition</u>	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Evidence of overflow</i>	<u> </u> No		

Treatment Plant Appearance

<u> </u> Poor	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Buildings</i>	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Grounds</i>	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Intake</i>	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent
<i>Road & entrance</i>	<u> </u> Fair	<u> y </u> Good	<u> </u> Excellent

<i>Testing Done as required</i>	<u> y </u> Everyday	<u> </u> Almost every day	<u> </u> Some	<u> </u> Never
<i>Housekeeping as required</i>	<u> y </u> Yes	<u> </u> No		
<i>Mowing as required</i>	<u> y </u> Yes	<u> </u> No		
<i>Proper reports filled out</i>	<u> y </u> Yes	<u> </u> No	<u> </u> Sometimes	

Equipment, pumps and etc. properly maintained y Accord. to maintenance man. Sometimes
 Never

Operator overseeing treatment Was available while on duty y Was away from plant occasionally
 Was away from plant more than needed

Comments

With this report I certify that I have personally inspected the operation and maintenance for the month of
 Oct-22 and that it is accurate to the best of my ability.

chris graham 11-4-2022

Operator

Date

Oct 22nd
~~Sep-22~~

MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

<u>10681</u> payments received in office for the the month	
<u>2362</u> received from by mail	<u>22.11%</u> paid by mail
<u>186</u> received by walk in	<u>1.74%</u> paid by walk in
<u>43</u> received by credit card	<u>0.40%</u> paid by credit card
<u>2611</u> received from bankdraft	<u>24.45%</u> paid by bankdraft
<u>1047</u> received from drive thru	<u>9.80%</u> paid by drive thru
<u>4160</u> received from online	<u>38.95%</u> paid online
<u>272</u> received from n.d	<u>2.55%</u> paid by n.d.
<u>26</u> was the most customers walk in payments received	<u>10/28/2022</u>
<u>75.00</u> Membership Fees Collected	<u>40.00</u> Reconnect Fees Collected
<u>21.34783</u> Tap Fees Collected	

<u>11,277</u> Customer	<u>34,142,000</u> Total Gallons Sold	<u>\$ 323,156.07</u> \$ Amount
<u>2,530,900</u> Gals-City	<u>\$ 7,845.79</u> \$ Amount	<u>\$ 149,250.74</u> Online Amount

<u>1436</u> Phone Calls Logged	<u>367</u> Work Orders Prepared
Routes 1-10 Delinquent Notices mailed	<u>569</u>
<u>32</u> Customers Disconnected	<u>\$ 0.95</u>
<u>4</u> Rehung same day	Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	<u>364</u>
<u>14</u> Customers Disconnected	
<u>6</u> Rehung same day	

Oct 22nd
~~Sep-22~~

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

<u>56</u> Customers	<u>Revenue Received</u>
<u>210,000</u> Gallons Treated	<u>\$ 963.00</u> Cost
<u>2560</u> Gallons Treated	<u>10.6</u> Cost
<u>Customers Disconnected</u>	<u>\$ 973.60</u>

Comments:

Encawolf
SIGNATURE

11/2/22
DATE

November 22nd, 2022

ECWD

Present: Jimmy Mills, Barry Rich, Greg Nugent, Tony Sanders, Tom Goff, Jeff Basham, Dylan Hazelwood, Erica Wolfe

Minutes:

Motion made by Barry Rich and seconded by Jimmy Mills to dispense the reading of the minutes.

Budget

Tony estimates our operating income for next year to be \$3,920,854 based on the 10 months of this year. He estimates another \$103,000 in revenue from the City and \$19,892 in sewer income for a total revenue amount of \$4,444,248. Salaries and bond payments for next year are our biggest expenses those come to \$1,356,766. Tony estimated a 10% increase in medical insurance and benefits. The estimated purchased power expense is \$300,000, materials and supplies expense \$572,785, and estimated chemical expenses at \$142,000. The total estimated expenses for 2023 is \$3,492,930. After including the depreciation expense of \$890,000 and removing grant funds received and carryover funds it shows us having a loss of \$284,000. Tony reported that he budgeted \$755,000 for capital expenditures this includes the purchase of land for the new plant and intake site. Tony also told the board that the company that offers the satellite leak detection is a sole source provider. It is not likely that there is another provider that provides this service but we will bid it because it is over the \$30,000 limit.

Motion made by Barry Rich to approve the 2023 budget, seconded by Greg Nugent. Motion carried, budget approved.

Line Extension Agreement Submitted to the PSC.

Tony reported that the line extension agreement changes had been submitted to the PSC. We are waiting for the response from the PSC. We did not have to advertise for this change. The new meter tap fee has also been submitted, we are looking to hear from it around the beginning of the year.

Dredging:

Tony reported that he received an email from Derick Rodgers and he has completed the application for the environmental study. The current proposal cost for dredging is \$512,000, that cost assumes that the

they will be able to dump back into the lake. Tony has applied for earmark funding from Representative Guthrie's Office for dredging and for the new Wax Water Treatment Plant. Tony also reported that he could inquire about a grant writing firm. The board members think that would be a good idea.

Zoom Meeting with the Conservancy Group:

Tony reported that the Corps stated that they would not be removing the plug to do the test next year. They stated that the test is out of the question, and that nothing will be done until they can get a solution in place. They will get back with us about possible solutions, but they understand that the dam can't be taken out until we know that water will be available.

Engagement Letter from the Auditor:

We received the engagement letter from Campbell, Myers, and Rutledge the cost is \$18,000. Motion made by Greg Nugent, and seconded by Barry Rich to approve the engagement letter and proceed with Campbell, Myers, and Rutledge.

December Disconnects:

Motion made by Barry Rich and seconded by Greg Nugent to cease disconnects for the month of December due to the holidays.

Annual Review:

Next meeting the annual review will take place immediately following the board meeting.

Christmas Dinner:

It was decided that we will do a Christmas pot luck during lunch. The Water District will purchase main dishes and employees can bring sides. This will be December 13th after the next board meeting.

Retro Pay:

Motion made to continue \$500 retro pay, and to pro rate \$125 per quarter for employees who have been employed less than a year by Barry Rich seconded by Greg Nugent. Motion carried.

Adjourn:

Motion made by Barry Rich and seconded by Greg Nugent to adjourn. Meeting adjourned.

X *Jimmy Mills*

Jimmy Mills

X *Barry Rich*

Barry Rich

X *Greg Nudent*

Greg Nudent

December 13th, 2022

ECWD

Present: Jimmy Mills, Barry Rich, Greg Nugent, Tony Sanders, Tim Brewster, Nathan Taylor, Jeff Basham, Dylan Hazelwood, Erica Wolfe, Justin Coy

Minutes:

Motion made by Greg Nugent to dispense the reading of the minutes, seconded by Barry Rich. Motion carried.

Annual Review:

██████████ last day was Friday. He would like to discuss with the board his CDL contract. He is requesting that the board consider reducing his amount due.

Motion made by Greg Nugent and seconded by Barry Rich to go into executive session for the annual review. Motion passed.

Motion made by Greg Nugent and seconded by Barry Rich to come out of executive session. Motion passed.

O&M Reports:

Brownsville is reporting a water loss of 40.71% for the month of November. Wax plan is reporting a water loss of 30.21%. After all deduction distribution reports a total water loss of 33.97%. Tim Brewster reports that the grounds are in good shape and proper reports have been filled out. The painting and the floor have been done, and the cabinets have been installed. The floor in the office and bathroom just needs to be completed. Nathan Taylor reported that the grounds at Wax Plant are good and the housekeeping is good. Nathan reported that the divers came and cleaned out the clarifiers and trenched around the intake. Barry Rich asked about moving Wax's equipment indoors. Nathan reported that right now they did not have anywhere indoors to store the mowers. Tony reported that they may look into getting a small storage shed. Dylan reported on distribution; maintenance has been completed according to the manual, they are leak hunting daily, mostly small service line leaks. Erica reported on the office there were 11,319 customers at the end of November. We disconnected 23 customers on routes 1-10, and 22 customers on routes 11-21. Erica reported on the upcoming lead and copper surveys and the declaration of domicile forms that are being sent out to customers.

Financial Reports:

Tony reports that we have sold approximately 200 meters for the year and our bond coverage is at approximately 1.8. We are currently over budget. Tony reported that we were making more than we were spending in sewer, there are very few sewer expenses at this time. A list of checks for the month of November were given to the commissioners.

Check Approval:

Motion made by Barry Rich and seconded by Greg Nugent to approve the checks from November
Motion carried.

New Employee:

Tony reported that a new employee has been hired. he starts on Monday. He has his CDLs and has been an equipment operator for over 20 years.

Budget Amendment:

Tony reported that we will need to amend the O&M expenditures by \$7,303 and increase the revenue by \$187,107 to accurately reflect our budget for the year. Motion by Barry Rich to amend the budget from our most recent amendment. seconded by Greg Nugent. Motion carried.

PSC/Line Extension Form:

Tony reported that he spoke with Daniel Hinton with the PSC and that the commission wants us to strike the one sentence and resubmit the request. Tony read aloud the sentence in question. Motion made by Greg Nugent and seconded by Barry Rich to strike the sentence. Motion carried.

Windstream Invoices:

Tony has tried to get in contact with Windstream to discuss invoices that we would like to dispute, but has continually had issues reaching someone. Tom will reach out to them in writing.

Warning/Weather Siren:

Grayson County Emergency Services would like to put an alert siren on Powell tank. Tony reports that he will tell them no welding or drilling. Tom to write up an agreement. Motion made by Greg Nugent and seconded by Barry Rich to allow this. Motion carried.

Nature Conservancy:

Tony reported that he has spoke with the Nature Conservancy and they have found a 2-million-dollar grant that we may be eligible for. They asked if we would prefer a new tower or a submersible pump. Tony told him we would prefer a new tower, Tony reported that Louis chimed in that a new tower may be more like 5-10 million. There is no decision yet on how things will proceed. Tony reports that he has not heard from the Corps any more about the dredging.

Grayson County Fiscal Court:

Grayson County fiscal court would like to install 10 hydrants. Tony will get the contracts together and take an invoice to Fiscal Court for approval. They will pay the deposit and then be billed the actual cost.

██████████

After discussion from the board they have decided to give ██████████ his retro pay, since he did work nearly the whole year. However, they are asking that he honor the contract and that he pay the remaining \$2,700 as he is able. Tony Sanders to work out a payment agreement with him.

██████████ Vacation Request:

After discussion from the Board they would like to give ██████████ an additional two weeks' vacation, which would put her back up to the 3 weeks' vacation she had when she left. Motion made by Barry Rich and seconded by Greg Nugent to give her the 3 weeks that she had when she left.

Wax Plant:

The board of commissioners requests a meeting with the department heads at Wax Plant and Tim Brewster. Meeting to occur after the next board meeting.

Management Institute Training with KRWA:

██████████ and ██████████ to be considered for management training with KRWA.

Adjourn:

Motion made by Greg Nugent to adjourn the meeting, seconded by Barry Rich. Meeting adjourned.

X

Jimmy Mills

X

Barry Rich

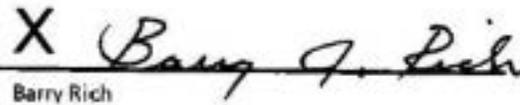
X

Greg Nugent

December 13, 2022

We have reviewed and approved the transactions for the month of November 2022 for the following accounts. The documents that have been reviewed are attached.

- Water Operation & Maintenance (Account ID: 13400)
- Membership Fee Fund (Account ID: 13200)
- Health Insurance Deduction Reserve (Account ID: 13530)
- Debit Card Account (Account ID: 13410)
- Sewer Operation & Maintenance (Sewer Account ID: 13400)

X  X 
Jimmy Mills Barry Rich

X 
Gregory Nugent

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:

Edmonson County Water District

For the Month of:

NOV

Year:

2022

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	57,141,000
3	Water Purchased	
4	TOTAL PRODUCED AND PURCHASED	57,141,000
5		
6	WATER SALES	
7	Residential	32,472,100
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	2,191,800
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	34,663,700
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	1,364,100
18	Wastewater Plant	
19	System Flushing	1,222,100
20	Fire Department	500
21	Other Usage (explain) * PUMPS *	480000
22	TOTAL OTHER WATER USED	3,066,700
23		
24	WATER LOSS	
25	Tank Overflows	126,000
26	Line Breaks	2,836,310
27	Line Leaks	16,448,290
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	19,410,600
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	33.97%

MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS:

TOTAL GALLONS PUMPED	<u>57,141,000</u>	GALLONS FLUSHED	<u>1,222,100</u>
TOTAL GALLONS SOLD	<u>34,663,200</u>	NUMBER OF LEAKS	<u>23</u>
TOTAL GALLON LOSS	<u>22,477,300</u>	ESTIMATED GALLONS	<u>2,836,310</u>
PERCENTAGE LOSS	<u>39%</u>	RIVER HILL PUMPS	<u>480,000</u>
GALLONS ACCOUNTED FOR	<u>4,664,910</u>	TANK OVERFLOW	<u>126,000</u>
GALLONS UNACCOUNTED FOR	<u>17,812,390</u> 31%	OTHER Fire Dept.	<u>500</u>

VEHICLE MAINTAINANCE:

ACCORDING TO MAINTAINANCE MANUAL
 SOMETIMES
 NEVER

EQUIPMENT MAINTAINANCE:

ACCORDING TO MAINTAINANCE MANUAL
 SOMETIMES
 NEVER

MOWING DONE AS REQUIRED:

YES NO PARTLY

SYSTEM APPEARANCE:

LINES	<input type="checkbox"/> POOR	<input checked="" type="checkbox"/> FAIR	<input type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
PRESSURE STATION	<input type="checkbox"/> POOR	<input checked="" type="checkbox"/> FAIR	<input type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
TANK SITE	<input type="checkbox"/> POOR	<input type="checkbox"/> FAIR	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
BOOSTER STATION	<input type="checkbox"/> POOR	<input checked="" type="checkbox"/> FAIR	<input type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
STORAGE YARD & LOT	<input type="checkbox"/> POOR	<input type="checkbox"/> FAIR	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
MAINTAINANCE	<input type="checkbox"/> POOR	<input type="checkbox"/> FAIR	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
OFFICE GROUNDS	<input type="checkbox"/> POOR	<input type="checkbox"/> FAIR	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
VALVES	<input type="checkbox"/> POOR	<input checked="" type="checkbox"/> FAIR	<input type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
METERS	<input type="checkbox"/> POOR	<input checked="" type="checkbox"/> FAIR	<input type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT

TESTING DONE AS REQUIRED:

EVERY DAY ALMOST EVERY DAY
 SOME NEVER

PROPER REPORTS FILLED OUT:

YES NO

TOOL INVENTORY:

CHECKED & BALANCED CHECKED & SOME GONE
 NOT CHECKED

MATERIAL INVENTORY:

CHECKED & BALANCED CHECKED & SOME GONE
 NOT CHECKED

COMMENTS:

Trying to keep all work orders, installs, locates, and leaks caught up. Looking for leaks daily.

WITH THIS REPORT I CERTIFY THAT I HAVE INSPECTED THE OPERATION AND MAINTAINANCE FOR THE MONTH OF

Nov. 2022

DGH Hojeh
OPERATOR

12-7-22
DATE

Edmonson Co Water District

Monthly Water Loss Report

Nov 2021

Brownsville WTP

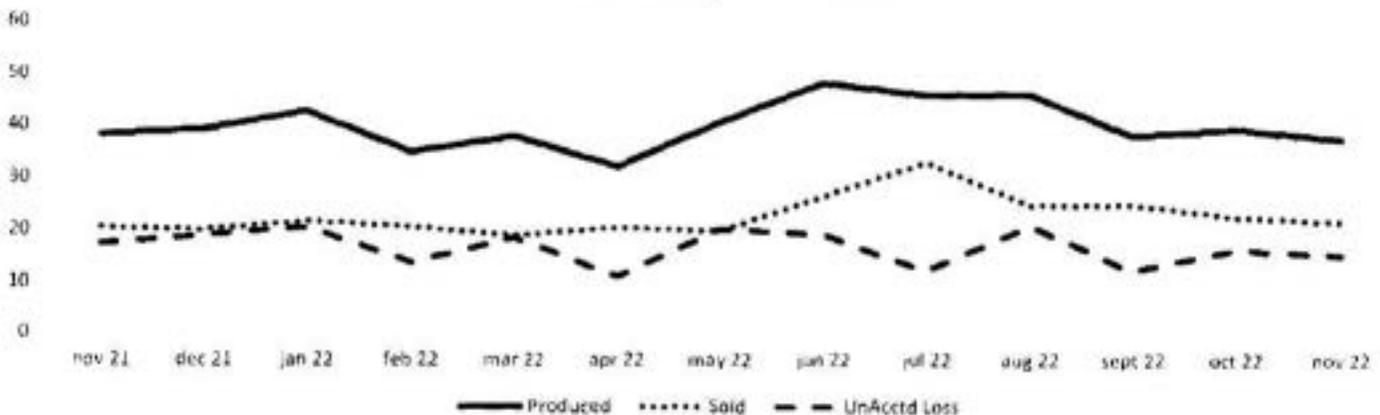
		November-20	Totals
A:	Produced	37.2070 MG	38.1940 MG
	Purchased	MG	MG
	Total	37.2070 MG	38.1940 MG
Sold	Residential	19.2631 MG	17.1108 MG
	Wholesale	2.1916 MG	3.2990 MG
	Wax WTP	MG	MG
	Total Sold	21.4547 MG	20.4088 MG
B:	Difference	15.7523 MG	17.7842 MG
	% Difference	42.34%	46.56%
Gallons Acctd For:			
	Breaks	MG	MG
	Hyd. Flushing	MG	MG
	Tank Overflow	MG	MG
	Plant Use	0.6035 MG	0.4922 MG
	Fire Dept Use	MG	MG
	Adjustments +/-	MG	MG
	Wax	MG	MG
C:	Total Gallons Acctd f	0.6035 MG	0.492 MG
	Loss Unacctd for Wa	15.149 MG	17.292 MG
	% Loss Unacctd for (40.71%	45.27%
	Gallons / Day (+ / -	578,000	556,867
	Gallons / Minute (+	401	387

YTD Budget: _____ Cur Mth _____

Past YTD Avg. Loss: 37.67%

AVG YTD Loss: 40.53% _____ % Used

13 Mth Loss Rpt Bville WTP



**MONTHLY INSPECTION & REPORT FORM
BROWNSVILLE TREATMENT PLANT**

Gallons Pumped 37,207
 Gallons Sold 21,455
 Gallons Lost 15,149
 Percentage Loss 40.71%
 GPM Loss 401

Maximum Pumped 1.902
 Minimum Pumped 0.867
 Average Pumped 1.240

Gallons Accounted for:
 Tank Overflow 0.000
 Plant Use 0.604
 Computer Adj. 0.000
 Other 0.000
 Total 0.604

Booster Station Conditions

<u> </u> Poor	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Building & Grounds	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Electrical & Telemetry	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Piping and valves	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent
Pumps	<u> </u> Fair	<u> </u> Good	<u> </u> Excellent

Tanks Conditions Poor Fair Good Excellent

Site Condition Poor Fair Good Excellent
 Evidence of overflow Yes No

Treatment Plant Appearance

<u> </u> Poor	<u> </u> Fair	<input checked="" type="checkbox"/> Good	<u> </u> Excellent
Buildings	<u> </u> Fair	<input checked="" type="checkbox"/> Good	<u> </u> Excellent
Grounds	<u> </u> Fair	<input checked="" type="checkbox"/> Good	<u> </u> Excellent
Intake	<u> </u> Fair	<input checked="" type="checkbox"/> Good	<u> </u> Excellent
Road & entrance	<u> </u> Fair	<input checked="" type="checkbox"/> Good	<u> </u> Excellent

Testing Done as required Everyday Almost every day Some Never
 Housekeeping as required Yes No
 Mowing as required Yes No
 Proper reports filed out Yes No Sometimes

Equipment, pumps and etc. properly maintained Accord. to maintenance man. Sometimes
 Never

Operator overseeing treatment Was available while on duty Was away from plant occasionally
 Was away from plant more than needed

Comments:

Painting and floor finish has been completed
Cabinets have been installed

<u> </u>	Prod
<u> </u>	Sold

With this report I certify that I have personally inspected the operation and maintenance for the month of
 Nov 2021 and that it is accurate to the best of my knowledge.

Tim Brewster

12/7/2021

Operator

Date

Edmonson Co Water District

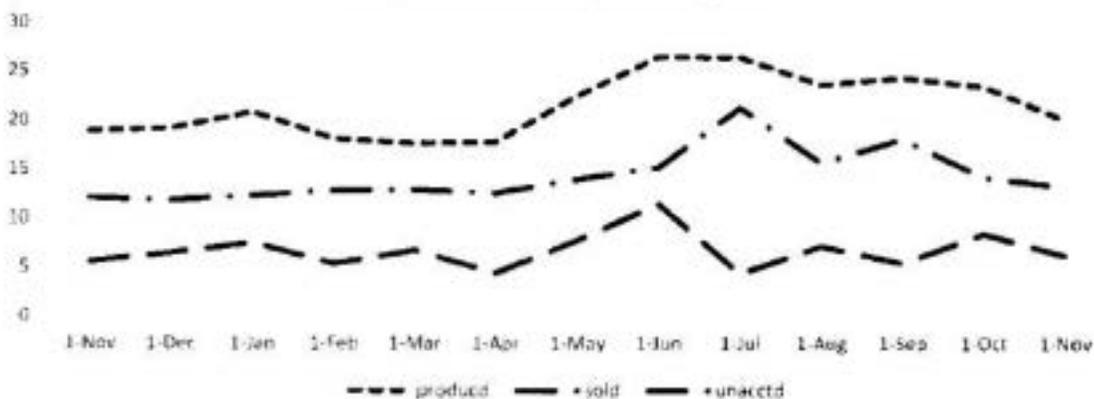
Monthly Water Loss Report

		Nov-22	Wax	WTP	
			Nov-21	Totals	
A:	Produced	19.934 MG	18.864 MG		1.07 more
	Purchased	0.000 MG	0 MG		
	Total	19.934 MG	18.864 MG		
Sold	Residential	13.209 MG	12.0870 MG		1.122 more
	Wholesale	MG	MG		
		MG	MG		
	Total Sold	13.209 MG	12.087 MG		
B:	Difference	6.725 MG	6.777 MG		2.19%
	% Difference	33.74%	35.93%		
Gallons Acctd For:					
	Breaks	MG	MG		744,000 400
	Hyd. Flushing	MG	MG		
	Tank Overflow	0.000 MG	0.000 MG		
	Plant Use	0.703 MG	0.847 MG		
	Fire Dept Use	MG	MG		
	Adjustments +/-	MG	MG		
	Other	MG	MG		
C:	Total Gallons Acctd For:	0.703 MG	0.847 MG		
	Loss Unacctd for Water (B-C)	6.022 MG	5.930 MG		
	% Loss Unacctd for (B-C)/A	30.21%	31.44%		
	Gallons / Day (+/-)	200,743	197,667		3076 more
	Gallons / Minute (+/-)	139	137		

YTD Budget: _____ % Used | Past YTD: _____

AVG YTD Loss:

13 month loss report wax plant



MONTHLY INSPECTION & REPORT FORM

wax treatment plant

Nov-22

Gallons Pumped	19,934
Gallons Sold	13,209
Gallons Lost	6,022
Percentage Loss	30.21%
GPM Loss	139

Maximum Pumped	751,200
Minimum Pumped	548,400
Average Pumped	664,477

Gallons Accounted for	
Tank Overflow	0
Plant Use	0.913
Computer Adj.	0
Other	0
Total	0.913

Booster Station Conditions

Building & Grounds	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
Electrical & Telemetry	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
Piping and valves	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
Pumps	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent

Tanks Conditions

<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
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Site Condition

<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
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Evidence of overflow Yes No

Treatment Plant Appearance

Buildings	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
Grounds	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
Intake	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
Road & entrance	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent

Testing Done as required	<input checked="" type="checkbox"/> Everyday	<input type="checkbox"/> Almost every day	<input type="checkbox"/> Some	<input type="checkbox"/> Never
Housekeeping as required	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Mowing as required	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Proper reports filled out	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Sometimes	

Equipment, pumps and etc. properly maintained Accord. to maintenance man. Sometimes
 Never

Operator overseeing treatment Was available while on duty Was away from plant occasionally
 Was away from plant more than needed

Comments

With this report I certify that I have personally inspected the operation and maintenance for the month of
 Nov-22 and that it is accurate to the best of my ability.

Chris graham 11-2022

Operator

Date

MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

Nov-22

<u>9607</u> payments received in office for the the month	
<u>1531</u> received from by mail	<u>15.94%</u> paid by mail
<u>279</u> received by walk in	<u>2.90%</u> paid by walk in
<u>50</u> received by credit card	<u>0.52%</u> paid by credit card
<u>2594</u> received from bankdraft	<u>27.00%</u> paid by bankdraft
<u>971</u> received from drive thru	<u>10.11%</u> paid by drive thru
<u>3980</u> received from online	<u>41.43%</u> paid online
<u>202</u> received from n.d	<u>2.10%</u> paid by n.d.
<u>67</u> was the most customers walk in payments received	<u>11/16/2022</u>
<u>78.00</u> Membership Fees Collected	<u>41.00</u> Reconnect Fees Collected
<u>13</u> Tap Fees Collected	

<u>11,319</u> Customer	<u>32,471,100</u> Total Gallons Sold	<u>\$ 316,980.37</u> \$ Amount
<u>2,191,600</u> Gals-City	<u>\$ 6,793.96</u> \$ Amount	<u>\$ 130,985.10</u> Online Amount

<u>1205</u> Phone Calls Logged	<u>383</u> Work Orders Prepared	
Routes 1-10 Delinques ent Notices mailed	<u>602</u>	
<u>23</u> Customers Disconnected		<u>\$ 0.98</u>
<u>2</u> Rehung same day		Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	<u>250</u>	
<u>22</u> Customers Disconnected		
<u>10</u> Rehung same day		

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

Nov-22

<u>56</u> Customers		Revenue Received
<u>3,300</u> Gallons Treated	<u>\$ 10.60</u> Cost	
<u>135000</u> Gallons Treated	<u>572.4</u> Cost	<u>\$ 583.00</u>
<u> </u> Customers Disconnected		

Comments:

Erica Wolf
SIGNATURE

12/16/22
DATE