

January 10<sup>th</sup>, 2023

ECWD

Present: Jimmy Mills, Barry Rich, Greg Nugent, Tom Goff, Tony Sanders, Louis Robbins, Tim Brewster, Nathan Taylor, Jeff Basham, Erica Wolfe, Edmonson County Judge Executive Scott Lindsey, Grayson County Judge Executive Kevin Henderson, Gene Weikel (ECWD customer), Bryan Ashley (Grayson County Magistrate), Kyle Cannon (GCWD), Jeremy Woosley (GCWD)

Minutes:

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

Grayson County Customer Outage:

During the cold spell approximately 2,000 customers in Grayson County were without water. Tony reported that Judge Henderson worked with emergency management, and handed out water at Anneta Fire Department. Tony reported that many of the leaks were on the customer side, there were several leaks in subdivisions where no one was home. Tony reported that we were able to load the routes on our tablets and utilize them for leak hunting. Tony explains that our tablets flag customer leaks that have been running for more than 24 hours continuously. If we were not able to utilize the tablets to assist us in finding customer leaks the Grayson County area probably would've been without water 2-3 more days. Tony reported that the bulk of the issue was on HWY 88 tank, it was pulling so much water we could not fill up Peonia tank.

Mr. Weikel would like to know how many leaks were customer leaks versus Edmonson County Water District. He stated that several people in his lake area are now there full time. Mr. Weikel reported that he has had low pressure in his area for several months.

Judge Henderson asked Jeremy Woosley from GCWD if there was anything that Grayson County could do to assist Edmonson County in ensuring that something like this does not happen again. Jeremy stated that there is a potential connection on Hwy 259, it is a 6 inch line on GCWD side and a 4 inch line on ECWD side. There is approximately 1,600 ft between the two lines. This connection could assist in serving the customers in the Peonia area. The connection could serve the customers but could not fill the tank without a pump station.

Judge Henderson asked Tony about the electrical issues at the plant. Tony reported the electrical issues started Friday morning. The employees at Wax Plant said that they were not able to pump for approximately 12 hours. The water outages started on Sunday, when things started thawing out from the freeze. Tony reported that many customers were keeping their water running due to the freezing temperatures which led to increased demand. Tony reported that we have applied for funding for

generators at both plants approximately 2 years ago. We have been approved for that funding and are waiting to receive it.

Judge Henderson reported that he has worked very well with Tony throughout this process, but he did speak to someone (he would not disclose who) who told him Well Edmonson County has water. Judge Henderson said that he was here to ensure that Grayson County residents have water.

Tony reported that the plans have been submitted to the Water Council to build a new water treatment plant at Wax. The next steps will be submitting it to clearinghouse and going through an environmental study. It will take a year to design and a year to year and a half to bid depending on funding. We currently have an option to buy on a piece of property where the new plant will be located.

Judge Henderson asked what can be done to help in the meantime. Tony and Jeremy reported that Grayson County Water District can assist in serving customers in the Peonia area through the tie in on Hwy 259. Approximately 1,600 feet of pipe would be needed for the tie in. A rough estimate would be a couple hundred thousand for the tie in and another couple hundred thousand if a pump station was put in to fill up the tanks. Hydraulics would have to be drawn up to get a clearer picture. Tony reported that there are almost 500 customers in the Peonia tank area. Tony reported that removing Peonia would free us up to better serve the Nolin Estates and Dug Hill systems. It will also alleviate stress on our pumps. Any other connection would likely require substantial infrastructure changes on both sides. It was mentioned that both sides have fed off the St. Augustine Church connection in the past.

Tony reported that we have funding to put in a pump station at Twin Coves and to put in a 16-inch line from Brownsville plant. The 16-inch line will allow Brownsville Plant to pump more water to Wax.

#### Opened Bid for Satellite Leak Detection:

Bids for the leak detection were opened at 9am 1 bid was received it will be \$103,500 for two full scans, and \$9,000 for a 5-day boots on the ground leak detection training.

#### Grayson County Customer Outage:

Judge Henderson reported that he would do everything that he could to help, but Grayson County is not receiving any revenue from ECWD.

If the tie in project was started today it could take a few years to get it completed. All were in agreement that something needs to be done, we just need to figure out how.

Judge Henderson stated that 27% of Edmonson County Water District's assets are in Grayson County. He spoke with the PSC and he can appoint two commissioners to Edmonson County Water District's board of commissioners. He referenced KRS 74.020, he stated that he has already spoke with the PSC about it. It would make ECWD a five-member board with two of its' members appointed from Grayson County. He would like to do this to provide a voice for Grayson County residents. The number of assets was

calculated based on ECWD's map. The new members would need to reside in Grayson County but be customers of Edmonson County Water District.

Motion by Barry Rich to authorize Tony Sanders to work with Jeremy Woosley at Grayson County Water regarding the connection on Hwy 259 seconded by Greg Nugent. Motion carried.

Jeremy reported that the next board meeting with Grayson County Board of Commissioners is Jan 23<sup>rd</sup> and he will discuss the situation with his board further.

#### Satellite Leak Detection:

The bid for satellite leak detection came out to \$112,500 for the two scans and the training. If additional licenses are needed it would be another \$450 per license. Motion made by Greg Nugent and seconded by Barry Rich to proceed with the purchase of satellite leak detection program. Motion carried.

#### Materials Bid:

Bids were received for inventory materials. Core and Main bid \$22,715 and G&C for \$24,870.50. Motion made by Barry Rich and seconded by Greg Nugent to purchase necessary materials.

#### Wax:

Nathan reported that all the tanks are currently full. A breaker burned out on the raw pump, but it has been fixed. Everything is currently running well. We stopped buying water from Green River Valley yesterday. Operations are pretty much back to normal.

#### Brownsville:

Tim Brewster reported that Brownsville plant did not have many issues during the cold spell. They ran at about 85% capacity worked 22-24 hours. Brownsville plant sent about 250,000 gallons to Wax Plant daily. If we couldn't have pumped from Brownsville during this period Cub Run and Lincoln would have also ran out of water.

#### Dist:

Jeff reported that distribution had crews out day and night for days. The crews had issues finding leaks due to snow, and then due to water from the melted snow.

#### Office:

Erica reported that the office had an excessive number of calls during the cold spell, but operations have returned to normal. The new sales tax will be added to bills during the February billing cycle. Per the department of Revenue they were telling companies that they could give customer's the opportunity to return the domicile forms.

#### Financial Report:

For the year 2022 we had \$460,641 more in retail sales. The city sales were down approximately \$13,000, interest income increased, and miscellaneous revenue was up due to the sale of surplus scrap. Our total revenue was up \$462,000 from the prior year. After amending the budget, we were \$140,000 to the good.

In sewer our revenue was \$22,000 and our expenses were \$13,000 so we remained to the good.

Sewer Alternative Rate Case:

Alan Villines stated we may want to change the first meeting date for February to the 7<sup>th</sup> so that he could present the alternative rate case. This can be decided at the next meeting.

Interest Rate:

The new rates for 2023 are all checking accounts but O&M are 2.5%, O&M will be at 1.65%. and the 3-year CDs are at 3.5%. Tony reported we cashed in a \$300,000 CD to have funds available for the property purchase and so we wouldn't lose interest if it needed to be cashed out during the year.

Chamber of Commerce:

Motion made to pay the \$75 chamber of commerce membership dues by Greg Nugent, seconded by Barry Rich. Motion carried.

KRWA Compliance Check:

The cost is \$3,720. Tony recommends hiring them. Motion made by Barry Rich seconded by Greg Nugent. Motion carried.

KWVOA Membership:

Motion made to pay membership on operators only. Motion made by Barry Rich, seconded by Greg Nugent. Motion carried.

Grayson Co. Fiscal Court/Hydrants:

Hydrants are to be put in in Anneta and Wax, Fiscal court has already voted and paid the deposit. Motion made for Jimmy Mills to sign paperwork and to bill Grayson County Court for cost by Greg Nugent, seconded by Barry Rich. Motion carried.

Cleaner Water:

X *Jimmy Mills*

Jimmy Mills

X *Barry Rich*

Barry Rich

X *Greg Nagan*

Greg Nagan

Tony reported \$736,590 will be received in Edmonson County and \$157,214 in Hart County . Motion made to sign commitment letter by Barry Rich, seconded by Greg Nugent. Motion carried.

City of Brownsville:

No word regarding waste water contract.

PSC Approval:

The meter tap fee was approved to increase from \$575 to \$1,150. The new line extension agreement was also approved.

Allen Johnson- Bledsoe Rd Subdivision

Motion to approve the new subdivision, Louis will draw up plans. Motion made by Barry Rich, seconded by Greg Nugent. Motion carried.

Intake Site:

Tony spoke with someone at a potential intake site, he said he would consider selling one lot. Tony reported that we will need to come up with something in the next few months. Tony will ask owners what they would take for the lot and report back.

Ky Rural Water Conference:

The conference is Feb 23<sup>rd</sup> and Feb 24<sup>th</sup>, it will be a commissioner training. Jimmy, Barry, and Greg will get back with Tony on if they can attend on those dates.

Adjourn:

Motion made by Barry Rich and seconded by Greg Nugent. Meeting adjourned.

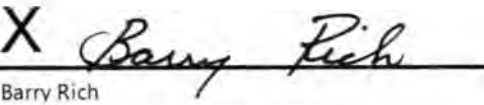


January 10, 2023

We have reviewed and approved the transactions for the month of December 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**   
Gregory Nugent



# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility: Edmonson County Water District

For the Month of: DEC Year: 2022

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED AND PURCHASED</b>	
2	Water Produced	64,514,000
3	Water Purchased	
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>64,514,000</b>
5		
6	<b>WATER SALES</b>	
7	Residential	31,578,300
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	2,480,000
12	Public Authorities	
13	Other Sales (explain)	
14	<b>TOTAL WATER SALES</b>	<b>34,058,300</b>
15		
16	<b>OTHER WATER USED</b>	
17	Utility and/or Water Treatment Plant	1,405,900
18	Wastewater Plant	
19	System Flushing	2,574,200
20	Fire Department	3,000
21	Other Usage (explain) <span style="margin-left: 50px;">* PUMPS &amp; WAX *</span>	1607000
22	<b>TOTAL OTHER WATER USED</b>	<b>5,590,100</b>
23		
24	<b>WATER LOSS</b>	
25	Tank Overflows	
26	Line Breaks	2,881,600
27	Line Leaks	21,984,000
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	<b>TOTAL WATER LOSS</b>	<b>24,865,600</b>
32		
33	<b>Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4</b>	
34		
35	<b>WATER LOSS PERCENTAGE</b>	
36	(Line 31 divided by Line 4)	38.54%

# MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS:

TOTAL GALLONS PUMPED	<u>64,514,000</u>	GALLONS FLUSHED	<u>2,574,200</u>
TOTAL GALLONS SOLD	<u>34,058,300</u>	NUMBER OF LEAKS	<u>13</u>
TOTAL GALLON LOSS	<u>30,455,700</u>	ESTIMATED GALLONS	<u>2,821,600</u>
PERCENTAGE LOSS	<u>47%</u>	RIVER HILL PUMPS & TANK OVERFLOW <sup>max</sup>	<u>1,607,000</u>
GALLONS ACCOUNTED FOR	<u>7,065,800</u>	OTHER Fire Dep.	<u>3,000</u>
GALLONS UNACCOUNTED FOR	<u>23,389,900 36%</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 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 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:

Spent alot of time leak hunting. Have got behind of installs  
hoping to get caught up in January. Trying to keep work orders and locates  
caught up.

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

Dec. 2023

Daryl H. [Signature]  
 OPERATOR

1-6-23  
 DATE

# Edmonson Co Water District

## Monthly Water Loss Report

**Brownsville** WTP

Dec 2022

**December-21** Totals

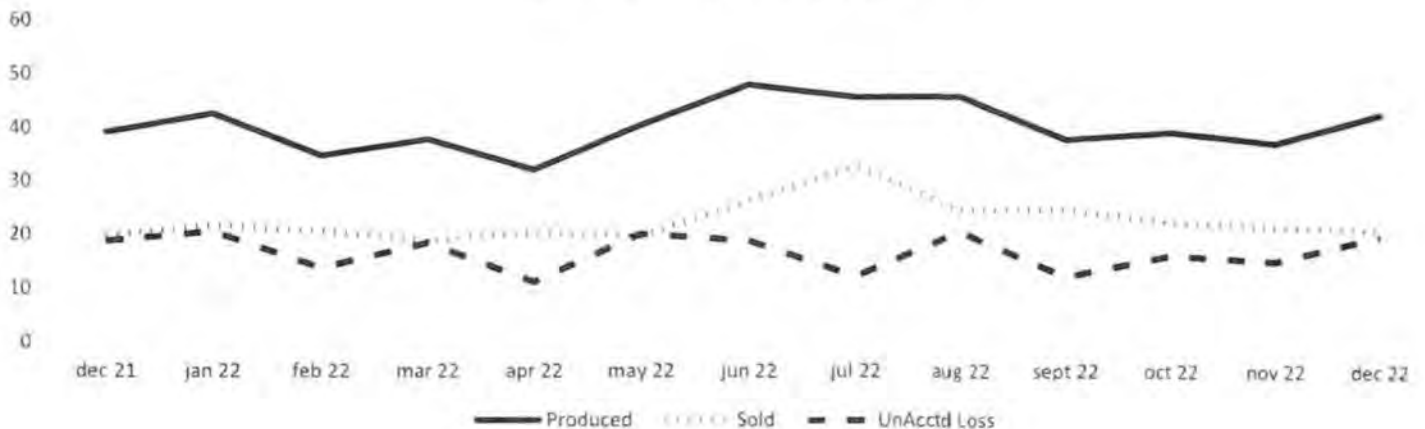
<b>A:</b>	<b>Produced</b>	42.5690 MG		39.185 MG
	<b>Purchased</b>	_____ MG		_____ MG
	<b>Total</b>	42.5690 MG		39.185 MG
	<b>Sold</b>			
	<i>Residential</i>	28.4896 MG		17.4502 MG
	<i>Wholesale</i>	2.4741 MG		2.438 MG
	<i>Wax WTP</i>	_____ MG		_____ MG
	<b>Total Sold</b>	20.9640 MG		19.888 MG
<b>B:</b>	<b>Difference</b>	21.6050 MG		19.2973 MG
	<b>% Difference</b>	50.75%		49.25%
	<b>Gallons Acctd For:</b>			
	<i>Breaks</i>	_____ MG		_____ MG
	<i>Hyd. Flushing</i>	_____ MG		_____ MG
	<i>Tank Overflow</i>	_____ MG		_____ MG
	<i>Plant Use</i>	0.6469 MG		0.529 MG
	<i>Fire Dept Use</i>	_____ MG		_____ MG
	<i>Adjustments +/-</i>	_____ MG		_____ MG
	<i>Other (Wax)</i>	1.127 MG		_____ MG
<b>C:</b>	<b>Total Gallons Acctd f</b>	1.774 MG		0.529 MG
	<b>Loss Unacctd for Wa</b>	19.831 MG		18.769 MG
	<b>% Loss Unacctd for (</b>	46.59%		47.90%
	<b>Gallons / Day ( + / -</b>	318,419		604,452
	<b>Gallons / Minute ( +</b>	221		420

YTD Budget: \_\_\_\_\_ Cur Mth \_\_\_\_\_

Past YTD Avg. Loss: 38.52%

AVG YTD Loss: 39.08% \_\_\_\_\_ % Used

13 Mth Loss Rpt Bville WTP



# MONTHLY INSPECTION & REPORT FORM

## BROWNSVILLE TREATMENT PLANT

Gallons Pumped	42.569
Gallons Sold	20.964
Gallons Lost	19.831
Percentage Loss	46.59%
GPM Loss	221

Maximum Pumped	2.5800
Minimum Pumped	0.9090
Average Pumped	1.3732

Gallons Accounted for:	
Tank Overflow	0.000
Plant Use	0.6469
Computer Adj.	0.000
Other (WAX)	1.127
<b>Total</b>	<b>1.7739</b>

<b>Booster Station Conditions</b>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent
<i>Building &amp; Grounds</i>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent
<i>Electrical &amp; 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

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

<b>Treatment Plant Appearance</b>				
<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 &amp; 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 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:

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	Prod
	Sold

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

Operator \_\_\_\_\_ Date \_\_\_\_\_

# Edmonson Co Water District

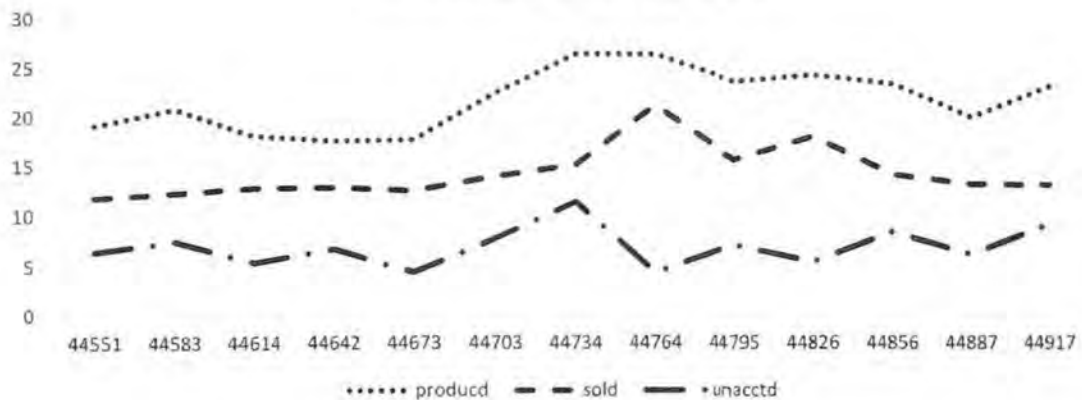
## Monthly Water Loss Report

		Dec-22	Wax	WTP
			Dec-21	Totals
<b>A:</b>	Produced	21.945 MG		
	Purchased	1.393 MG	19.225 MG	
	<b>Total</b>	<b>23.338 MG</b>	<b>19.225 MG</b>	
<b>Sold</b>	<i>Residential</i>	13.088 MG	11.843 MG	
	<i>Wholesale</i>	0.059 MG		
	<b>Total Sold</b>	<b>13.147 MG</b>	<b>11.843 MG</b>	
<b>B:</b>	Difference	10.192 MG	7.382 MG	
	% Difference	43.67%	38.40%	
<b>Gallons Acctd For:</b>				
	<i>Breaks</i>	MG		MG
	<i>Hyd. Flushing</i>	MG		MG
	<i>Tank Overflow</i>	MG		MG
	<i>Plant Use</i>	0.759 MG	0.883 MG	
	<i>Fire Dept Use</i>	MG		MG
	<i>Adjustments +/-</i>	MG		MG
	<i>Other</i>	MG		MG
<b>C:</b>	<b>Total Gallons Acctd For:</b>	<b>0.759 MG</b>	<b>0.883 MG</b>	
	<b>Loss Unacctd for Water (B-C)</b>	<b>9.433 MG</b>	<b>6.499 MG</b>	
	<b>% Loss Unacctd for (B-C)/A</b>	<b>40.42%</b>	<b>33.80%</b>	
	<b>Gallons / Day (+/-)</b>	<b>304,274</b>	<b>209,620</b>	
	<b>Gallons / Minute (+/-)</b>	<b>211</b>	<b>146</b>	

YTD Budget: \_\_\_\_\_ % Used || Past YTD: \_\_\_\_\_

AVG YTD Loss:

13 month loss report wax plant



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

Gallons Pumped	<u>42.569</u>
Gallons Sold	<u>30.964</u>
Gallons Lost	<u>9.871</u>
Percentage Loss	<u>23.19%</u>
GPM Loss	<u>221</u>

Maximum Pumped	<u>2.5800</u>
Minimum Pumped	<u>0.9090</u>
Average Pumped	<u>1.3732</u>

Gallons Accounted for:

Tank Overflow	<u>0.000</u>
Plant Use	<u>0.6469</u>
Computer Adj.	<u>0.000</u>
Other (WAX)	<u>1.088</u>
<b>Total</b>	<b><u>1.7344</u></b>

**Booster Station Conditions**

	<u>        </u> Poor	<u>        </u> Fair	<u>        </u> Good	<u>        </u> Excellent
<i>Building &amp; Grounds</i>	<u>        </u> Poor	<u>        </u> Fair	<u>        </u> Good	<u>        </u> Excellent
<i>Electrical &amp; 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 &amp; 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>        </u> Yes	<u>        </u> No		
<i>Proper reports filled out</i>	<u>  x  </u> Yes	<u>        </u> No	<u>        </u> 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:

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	Prod
	Sold

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

Operator \_\_\_\_\_

Date \_\_\_\_\_

MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

Dec-22

<u>8810</u> payments received in office for the the month	
<u>1879</u> received from by mail	<u>21.33%</u> paid by mail
<u>247</u> received by walk in	<u>2.80%</u> paid by walk in
<u>28</u> received by credit card	<u>0.32%</u> paid by credit card
<u>1219</u> received from bankdraft	<u>13.84%</u> paid by bankdraft
<u>1018</u> received from drive thru	<u>11.56%</u> paid by drive thru
<u>4240</u> received from online	<u>48.13%</u> paid online
<u>179</u> received from n.d	<u>2.03%</u> paid by n.d.
<u>42</u> was the most customers walk in payments received	<u>12/28/2022</u>
<u>68.00</u> Membership Fees Collected	<u>13.00</u> Reconnect Fees Collected
<u>15</u> Tap Fees Collected	

<u>11,313</u> Customer	<u>42,077,300</u> Total Gallons Sold	<u>\$ 381,446.94</u> \$ Amount
<u>2,474,100</u> Gals-City	<u>\$ 7,669.71</u> \$ Amount	<u>\$ 137,524.21</u> Online Amount

<u>2502</u> Phone Calls Logged	<u>234</u> Work Orders Prepared
Routes 1-10 Delinques ent Notices mailed	<u>458</u>
<u>0</u> Customers Disconnected	<u>\$ 0.91</u>
<u>0</u> Rehung same day	Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	<u>332</u>
<u>0</u> Customers Disconnected	
<u>0</u> Rehung same day	

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

Dec-22

<u>56</u> Customers	<u>Revenue Received</u>
<u>Gallons Treated</u>	<u>Cost</u>
<u>Gallons Treated</u>	<u>Cost</u> \$ -
<u>Customers Disconnected</u>	

Comments:

city did not bill us for any usage yet for December.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Erica Wolfe  
 SIGNATURE

1/6/23  
 DATE

January 13<sup>th</sup>, 2023

Special Meeting

ECWD

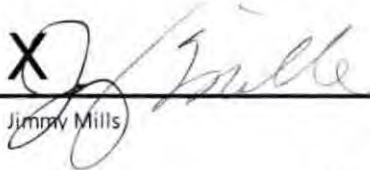
Present: Jimmy Mills, Barry Rich, Greg Nugent, Tony Sanders, Jeff Basham, Erica Wolfe

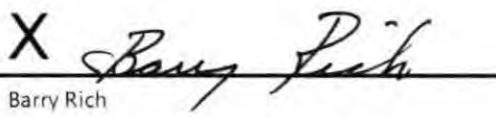
Generator Grant:

Motion to adopt resolution naming Tony Sanders as administrator and Jeff Basham as alternate in case Tony Sanders is not available, and to allow Jimmy Mills to sign applicable paperwork made by Barry Rich and seconded by Greg Nugent. Motion carried.

Adjourn:

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

X   
Jimmy Mills

X   
Barry Rich

X   
Greg Nugent



#### Corps of Engineers- Dredging:

Tony reported that Derick Rodgers told him the Corps approved the deviation for this year but that The Corps would not consider holding the water level in the future. The permit for dredging must go through the permitting department. Tony reports that there are four options he can do the application without professional help, he can do the application with some help from a professional, we can not do the application and risk the chance of them not holding the water, or he can contact some politicians and see if they may be able to get involved to help. Tony states that he does not feel qualified to complete the application without some additional assistance. Tony states that he feels we will need to get a consultant like Louis to assist us on the application. The board agrees for Tony to get a quote for engineering consulting to assistance on the dredging permit application.

#### Truck Sale:

Tony stated that he spoke with a salesman about purchasing a new truck. They are going to give us fleet pricing. For a 4-wheel drive, extended cab, F150 the cost is \$43,805. He also had 2 Colorados in stock they are extended cab 2 wheel drive their cost is \$26,000 each. The board did not decide to purchase either, Tony will draw up specs and post an advertisement for bid.

#### GIS Mapping System:

Tony reported we have had a lot of issues with our current mapping system. We have had the system for about 15 years. Bennett and Williams sent a proposal for services. This is not an annual fee, most of the fees are one time. The total cost on the proposal is \$17,500, \$5,000 for reformatting, \$2,000 for data upload, \$900 to transfer egov to map, \$1,000 leak collection, \$3,600 for lead and copper, and \$5,000 for training and technical support. Tony reported that some of the costs may be able to be cut out or reduced. Greg Nugent made a motion to proceed with the mapping change, but Tony to look at reducing costs seconded by Barry Rich. Motion carried.

#### Generator Update:

Tony reported that the quotes for the generators came in \$269,000 more than the funds we are getting. It will be \$158,900 for Wax, \$234,600 for Brownsville intake, and \$288,700 for Brownsville Plant. Tony reported that we applied for the generator at Wax Plant and the generator for the intake at Brownsville plant.

#### Satellite Leak Detection:

Tony reported that they had a conversation with the company and they plan on having the first scan done by the end of February and boots on the ground in March.

January 24<sup>th</sup>, 2023

ECWD

Present: Jimmy Mills, Barry Rich, Greg Nugent, Tom Goff, Tony Sanders, Jeff Basham, Erica Wolfe

Minutes:

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

Grayson County Appointment:

Grayson County Fiscal court has given the Judge Executive the authority to appoint two commissioners. They will then be approved by Fiscal Court. Tony reported that he spoke with Judge Henderson about ECWD confirming assets to ensure that Grayson County qualifies as having 25%. Tony reports that he checked percentages based on meters and came with around 25.02% in Grayson County. Tony reports that he is unsure of how to calculate distribution assets without contacting the PSC or Damon Talley. He is unsure if the various pipe sizes are created equal. He is also unsure if water treatment plants are included in distribution assets. If the assets use their depreciated cost Wax Water Treatment Plant is nearly depreciated out.

Alan Villines/ Sewer Rate Case:

Alan reported that he used year 2021 as the test year as it is the most recent year with a filed PSC report. He determined the following adjustments \$230 sales revenue adjustment, proper allocation of labor and benefits, \$1,133 for field employees, adjustment for allocation of benefits .5% was adjusted and there was an adjustment of \$87,053 for depreciation. Alan reported that currently we are not covering any depreciation. The original order from the PSC stated that proper allocations be made from water to sewer and for ECWD to recover depreciation expenses. Tony reported that all the sewer startup funds for the sewer system other than approximately \$100,000 came from grant sources. We have no new taps for sewer in 16-17 years. The board discussed the percentage of depreciation that we would ask for. Motion made to recover 12.5% depreciation the first year and up to 25% the second year by BR, seconded by GN. Motion carried. Resolution adopted and signed.

Grayson County Board Appointments:

Tom reported that he will check with PSC and see what is considered Distribution assets.

Apartment Complex by Dollar General/ Keystone Trio:

They entered a contract and hired an engineering firm; they plan on putting in 32 apartments and putting in a 6 inch main. There will be four buildings with 8 meters at each building for a total of 32 meters.

Motion made by Barry Rich and seconded by Greg Nugent to approve the line extension. Motion carried.

Trails to Nature/Robert Mullet:

Tony reported that Robert Mullet requested a line extension from Twin Coves Rd it will be 35-40 lots, but likely 30 meters. The plans have been drawn up and are ready to send to Louis. It will likely be a 3 inch line. The board discussed that they could not legally refuse service.

Motion made by Greg Nugent and seconded by Barry Rich to accept the line extension. Motion carried.

Meter Change Outs:

The meter change outs have come to a halt. Tony will try and get in contact with Emily about how to proceed.

Wax Plant:

Jeremy Staples has put in his notice. An ad has been posted in the paper that we are currently hiring.

G. Hodge Vacation Request:

Gretchen had a procedure and scheduled 1 vacation day for that procedure. The doctor put her off for a week. She is requesting to utilize emergency vacation time rather than personal time. If she has to utilize personal time, she will have it all used up the first month of the year. Board agrees to make an exception to allow Gretchen to utilize her vacation due to a medical procedure. Exceptions to be reviewed on a case-by-case basis.

Adjourn:

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

X *Jimmy Mills*

Jimmy Mills

X *Barry Rich*

Barry Rich

X *Greg Nugent*

Greg Nugent

Emergency Meeting

February 8<sup>th</sup>, 2023

ECWD

Present: Jimmy Mills, Barry Rich, Greg Nugent, Tom Goff, Tony Sanders, Jeff Basham, Erica Wolfe

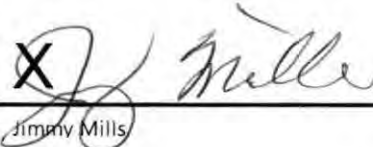
Wax Plant:

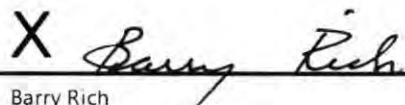
Tony reports that we are in an emergency at Wax Treatment Plant. One raw water pump is currently down. Brooks Motor came to pull it out for repair. They tried multiple times and could not get it out, they broke multiple chains. Tony reported that he and Tim Brewster will be going to look at it tomorrow. Tony reported that they were going to see if the diver can come in and assist with the repair. We are currently exploring all avenues. We will also need to purchase a new one so we have a back up in case one of both of the pumps go down in the future.

Motion made to declare an emergency, the board gives Tony the authority to resolve the issue by any means necessary by Barry Rich and seconded by Greg Nugent. Motion Carried.

Adjourn:

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

X   
Jimmy Mills

X   
Barry Rich

X   
Greg Nugent

## Special Meeting

February 8<sup>th</sup>, 2023

ECWD

Present: Jimmy Mills, Barry Rich, Greg Nugent, Tom Goff, Tony Sanders, Jeff Basham, Erica Wolfe

### Sewer Rates:

We were showing \$3 million in sewer assets in 2018 when Caveland took over the sewer. 1.6 million should have been taken off the books and was not. The auditors have fixed it and the changes have been sent to Alan Villines. Alan refigured the new rates. At 25% depreciation recovered the average bill would be \$33.36, at 50% depreciation recovered the average bill would be approximately \$43.80. Tony informed the board that we would be mailing out letters to the customers informing them of the proposed rate change. Tony recommends we ask for the 25% depreciation recovery the first year and up to 50% depreciation recovery in the second year. On the letter to customers it will give them the contact information for the PSC in case the customers have questions or concerns.

Motion made to rescind the original resolution and rates from the previous meeting, and adopt the new rates and resolution as recommended; 25% depreciation recovered the first year and up to 50% the second year by Greg Nugent and seconded by Barry Rich. Unanimous. Motion carried.

Resolution signed by Jimmy Mills and Barry Rich.

### Commissioner Appointments:

Judge Henderson has appointed two commissioners Jared Beatty and Blake Aubrey and those appointments have been by fiscal court.

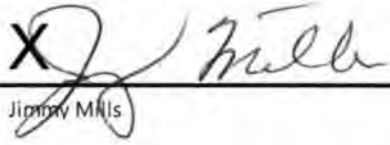
Tom reports that he cannot find anything that defines 25% of assets. Tom is preparing a letter to send to the PSC to request their formal opinion on the matter.

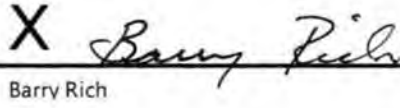
Tony asked Tom about notifying the PSC of the appointments, Tom reported that he would get back in contact with Tony about that. Tom will also find out if we need to formally accept the commissioners or start their payroll before the information is received from the PSC.

The board of commissioners agreed that the new commissioners need to be invited and letters sent to them about the date and time of the meeting.

### Adjourn:

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

X   
Jimmy Mills

X   
Barry Rich

X   
Greg Nugent

02/14/2023

ECWD

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

Minutes:

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

Grayson County Appointments:

Tom reported that he was contacting the PSC asking their formal opinion on what constitutes 25% of distribution assets. Tom reports that he is hoping to hear from the PSC in the next few days regarding the matter.

O&M Reports:

Brownsville Plant:

Tim reports that Brownsville plant was at a 30.77% unaccounted for water loss for January 2023. Housekeeping, maintenance, and reports have been completed as required. Tim reported that some leaks had been found around Windyville and Lindseyville. Tim reports that all the samples are coming back fine.

Wax Plant:

For January 2023 there was a 26.56% unaccounted for water loss. Pumps, telemetry, and tanks are all good. Reports and maintenance have been completed as required.

In February the raw water pump went down, and Brooks motor could not get it out of the casing. The divers came and figured out how to get it out. Brooks Motor currently has the pump in their possession for repairs. Something was getting caught on the pump causing it to get stuck. Tim reported that it would be at least 4 weeks before they could get a new pump and it could be between \$17,000-\$30,000 depending on availability and where it is purchased from.



#### Interviews for Wax Plant:

One applicant in Hart County seemed to be a good fit, Tony reports that he is going to contact the applicant and see if he wants to start immediately

#### Distribution:

25.71% total unaccounted for water loss. System appearance is fair, reports have been completed in a timely manner. Dylan reported that he was gone several weeks to get his CDLs. We are currently behind on new installs and replacing boxes and lids, but everything went as smoothly as possible while he was out.

#### Truck Bid:

Tony reported that we sent out bids and advertised in the paper. Jeff reported that he spoke with Don Franklin, Gillie Hyde, Greenwood Ford, and Campbell Chevrolet.

Jeff reported that he had no response other than from Don Franklin. They bid 2 single cab 4x4 F150s for \$36,325.28 each. Jeff called the representative he said that it may be six months before we are able to get the trucks in. The trucks are base model XL as close to specs as they could get, but there are some minimal changes. The representative said we could get one truck or two.

Motion made by Barry Rich and seconded by Greg Nugent to order two trucks. Motion carried.

#### Meter Change Outs:

Bo Vincent was present and he is willing to take over the meter change out contract at the cost of \$35 per meter. Tom reported that he was sure if we would have to go through the bonding company, if it would need to be rebid, or if Bo could take over as a subcontractor. Tony reported that he can reach out to Emily and the bonding company and try to get something worked out. Tom said he would reach out to Emily's attorney and draw up a contract if need be.

#### CDL Additional Costs:

Dylan was charged an application fee, permit fee, and testing fee for his CDLs. He is requesting reimbursement. Motion made by Barry Rich and seconded by Greg Nugent to reimburse Dylan for the additional fees. Motion carried.

#### Materials Bid:

We received two bids for materials. G&C Supply Bid- \$29,016.20 and Core and Main bid \$28,963.80. Greg Nugent made a motion to purchase the materials from lowest bidder, seconded by Barry Rich. Motion carried.

#### Office Report:

We had 11,279 customers at the end of January and collected 10,644 payments. We disconnected 43 meters total and rehung 18 in the same day. We collected 17 tap fees for the month. Next month we have an office employee going on maternity leave so we will be short staffed.

#### Financial Report:

Bond coverage is currently 1.3% for the year. Interest rates are up so we have more revenue in that area. Salaries are up for the month, it was a five-week month, and there was quite a bit of overtime in January. Right now, we are \$29,000 underbudget. The auditors will be at the next meeting to review the audit and go over the financial statements for 2022.

Wax is currently overbudget, they are expected to continue to be overbudget due to repairs.

In Sewer we have had \$631 in expenses and \$2,000 in revenue. The rate case has been filed with the PSC.

Motion made by Barry Rich and seconded by Greg Nugent to approve the checks for the month of January 2023. Motion carried.

#### Dredging Application:

All the information for the application has been gathered, Tony reports that he is trying to have it ready to submit next week. Louis' consultation fee is \$3,000. The application will be submitted to the Corps and then will have to go for an environmental review.

#### Grayson Co Tie In:

It will be approximately \$950,000 for the pump and the installation of the line. It will be on at the next water council meeting. Tony reported that he has spoken with Michael Meredith, and Michael is supposed to be checking to see if there are any emergency funds available for the project.

#### Wax Treatment Plant:

Tony reported that he and Jeff met with the ADD District about a possible CDBG grant, ARC grant, Economic Development, or potentially a FEMA grant for the new Wax Water Treatment Plant. The project is on the steering committee in Hart County and Tony is trying to get it on the steering committees in Edmonson and Grayson as well. First, we will probably have to see what a KIA loan and

grant would do. We are also hoping that it can be classified as an emergency and that Brett Guthrie's office can help with funding.

Cleaner Water Money:

Grayson County Cleaner water money letters should be ready by the next meeting.

Intake Site:


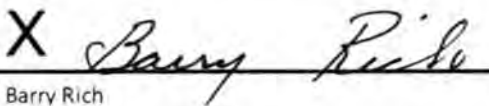
Tony said that he spoke with the landowner for our potential intake site. Louis says the spot proposed will not be enough land for what we need. Tony reported that he is looking at a few other spots that may better meet our needs. On the PVA the potential lot is valued at \$38-\$40,000.



Option to Buy:

The option to buy has to be exercised by March 15<sup>th</sup>, we will need to let the owner know at the first meeting in March if we would like to proceed.

Adjourn:

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

X  X   
Jimmy Mills Barry Rich

X  X   
Greg Nugent Jarrod Beatty

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility: Edmonson County Water District

For the Month of: JAN Year: 2023

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED AND PURCHASED</b>	
2	Water Produced	57,931,000
3	Water Purchased	
4	<b>TOTAL PRODUCED AND PURCHASED</b>	57,931,000
5		
6	<b>WATER SALES</b>	
7	Residential	36,939,000
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	2,647,500
12	Public Authorities	
13	Other Sales (explain)	
14	<b>TOTAL WATER SALES</b>	39,586,500
15		
16	<b>OTHER WATER USED</b>	
17	Utility and/or Water Treatment Plant	1,497,100
18	Wastewater Plant	
19	System Flushing	1,451,500
20	Fire Department	2,300
21	Other Usage (explain) <span style="margin-left: 50px;">* PUMPS *</span>	500000
22	<b>TOTAL OTHER WATER USED</b>	3,450,900
23		
24	<b>WATER LOSS</b>	
25	Tank Overflows	
26	Line Breaks	3,870,290
27	Line Leaks	11,023,310
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	<b>TOTAL WATER LOSS</b>	14,893,600
32		
33	<b>Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4</b>	
34		
35	<b>WATER LOSS PERCENTAGE</b>	
36	(Line 31 divided by Line 4)	25.71%

# MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS:

TOTAL GALLONS PUMPED	<u>57,931,000</u>	GALLONS FLUSHED	<u>1,497,100</u>
TOTAL GALLONS SOLD	<u>39,586,500</u>	NUMBER OF LEAKS	<u>27</u>
TOTAL GALLON LOSS	<u>18,344,500</u>	ESTIMATED GALLONS	<u>3,870,290</u>
PERCENTAGE LOSS	<u>31%</u>	RIVER HILL PUMPS	<u>500,000</u>
GALLONS ACCOUNTED FOR	<u>5,869,690</u>	TANK OVERFLOW	<u>2,300</u>
GALLONS UNACCOUNTED FOR	<u>12,474,810</u> 21%	OTHER Fire Rep.	<u>2,300</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 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 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:

*I was gone about the whole month getting COA. Seems things went smooth as possible. Just behind on installs and changing meter boxes. Trying to get caught up and keep work orders / locates caught up. Leak hunting daily. Trying to fix leaks when we find them*

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

Jan. 2023

*John Boyler*  
OPERATOR

2-10-23  
DATE

# Edmonson Co Water District

## Monthly Water Loss Report

Jan 2023

Brownsville WTP

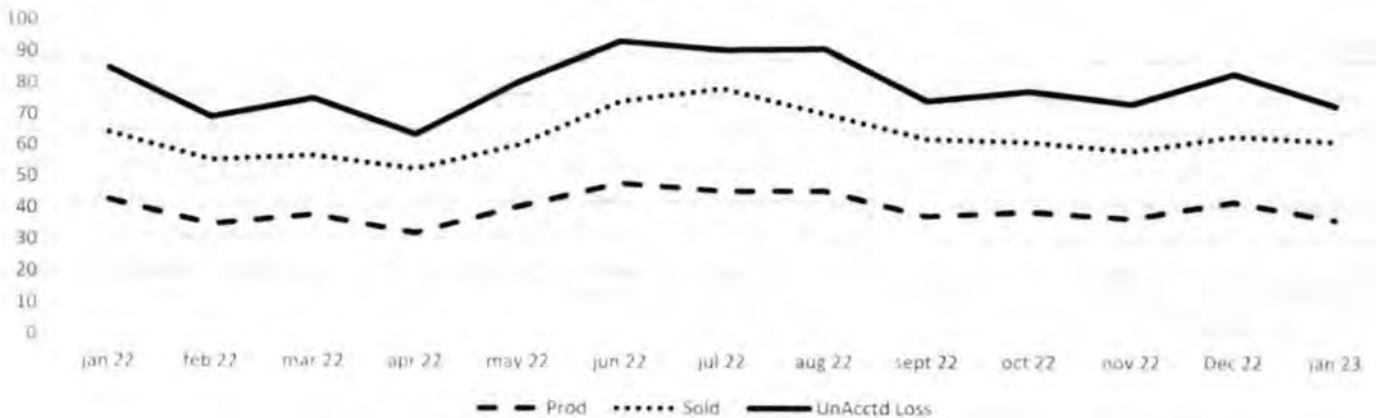
		<u>January-22</u>	<u>Totals</u>
<b>A:</b>	<b>Produced</b>	36.9140 MG	42.6810 MG
	<b>Purchased</b>	_____ MG	_____ MG
	<b>Total</b>	36.9140 MG	42.6810 MG
	<b>Sold</b>		18.8381 MG
	<i>Residential</i>	22.4600 MG	_____ MG
	<i>Wholesale</i>	2.5565 MG	2.7611 MG
	<i>Wax WTP</i>	_____ MG	_____ MG
	<b>Total Sold</b>	25.0165 MG	21.5992 MG
<b>B:</b>	<b>Difference</b>	11.8975 MG	21.0818 MG
	<b>% Difference</b>	32.23%	49.39%
<b>Gallons Acctd For:</b>			
	<i>Breaks</i>	_____ MG	_____ MG
	<i>Hyd. Flushing</i>	_____ MG	_____ MG
	<i>Tank Overflow</i>	_____ MG	_____ MG
	<i>Plant Use</i>	0.5401 MG	0.5920 MG
	<i>Fire Dept Use</i>	_____ MG	_____ MG
	<i>Adjustments +/-</i>	_____ MG	_____ MG
	<i>Other</i>	_____ MG	_____ MG
<b>C:</b>	<b>Total Gallons Acctd f</b>	0.5401 MG	0.5920 MG
	<b>Loss Unacctd for Wa</b>	11.3574 MG	20.4898 MG
	<b>% Loss Unacctd for (</b>	30.77%	48.01%
	<b>Gallons / Day ( + / -</b>	368,039	660,961
	<b>Gallons / Minute ( +</b>	256	459

YTD Budget: \_\_\_\_\_ % Used

Past YTD: 48.01%

AVG YTD Loss: 30.8%

13 Mth Loss Rpt Bville WTP



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

Gallons Pumped	<u>36.914</u>
Gallons Sold	<u>25.017</u>
Gallons Lost	<u>11.357</u>
Percentage Loss	<u>30.77%</u>
GPM Loss	<u>256</u>

Maximum Pumped	<u>1.911</u>
Minimum Pumped	<u>0.948</u>
Average Pumped	<u>1.1908</u>

Gallons Accounted for:	
Tank Overflow	<u>0.000</u>
Plant Use	<u>0.540</u>
Computer Adj.	<u>0.000</u>
Other	<u>0.000</u>
<b>Total</b>	<b><u>0.540</u></b>

**Booster Station Conditions**

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

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

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

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

Comments:

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With this report I certify that I have personally inspected the operation and maintenance for the month of  
Jan 2023 and that it is accurate to the best of my ability.

*Tim Brewster*

2-8-2023

Operator

Date

# Edmonson county water Monthly Water Loss Report

Jan-23

Wax WTP

Jan-22 Totals

<b>A:</b>	Produced	21.017 MG		20.038	
	Purchased	_____ MG		_____	MG
	<b>Total</b>	<u>21.017 MG</u>		<u>20.038</u>	<u>MG</u>
	<b>Sold</b>				
	<i>Residential</i>	14.479 MG		12.3160	MG
	<i>Wholesale</i>	0.91 MG		_____	MG
		_____ MG		_____	MG
	<b>Total Sold</b>	<u>14.479 MG</u>		<u>12.316</u>	<u>MG</u>
<b>B:</b>	<b>Difference</b>	6.538 MG		7.722	MG
	<b>% Difference</b>	<u>31.11%</u>		<u>38.54%</u>	
	<b>Gallons Acctd For:</b>				
	<i>Breaks</i>	_____ MG		_____	MG
	<i>Hyd. Flushing</i>	_____ MG		_____	MG
	<i>Tank Overflow</i>	_____ MG		_____	MG
	<i>Plant Use</i>	0.957 MG		2.173	MG
	<i>Fire Dept Use</i>	_____ MG		_____	MG
	<i>Adjustments +/-</i>	_____ MG		_____	MG
	<i>Other</i>	_____ MG		_____	MG
<b>C:</b>	<b>Total Gallons Acctd For:</b>	0.957 MG		2.173	MG
	<b>Loss Unacctd for Water (B-C)</b>	5.581 MG		5.549	MG
	<b>% Loss Unacctd for (B-C)/A</b>	<u>26.56%</u>		<u>27.69%</u>	
	<b>Gallons / Day (+ / -)</b>	180,040		179,003	
	<b>Gallons / Minute (+ / -)</b>	<u>125</u>		<u>124</u>	

YTD Budget: \_\_\_\_\_ % Used || Past YTD: \_\_\_\_\_

AVG YTD Loss:

13 month loss wax





**MONTHLY INSPECTION & REPORT FORM**  
wax treatment plant

Jan-23

Gallons Pumped	<u>21,017</u>	Maximum Pumped	<u>910,900</u>
Gallons Sold	<u>14,479</u>	Minimum Pumped	<u>512,400</u>
Gallons Lost	<u>5,581</u>	Average Pumped	<u>677,968</u>
Percentage Loss	<u>26.56%</u>	Gallons Accounted for:	
GPM Loss	<u>125</u>	Tank Overflow	<u>0</u>
		Plant Use	<u>0.957</u>
		Computer Adj.	<u>0</u>
		Other	<u>0</u>
		Total	<u>0.957</u>

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

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

<b>Treatment Plant Appearance</b>				
<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 &amp; 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	

<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  
 Jan-23 and that it is accurate to the best of my ability.

hris graha 2-5-2023

Operator

Date

Email Tom Contract

I have received your email regarding the contract for the project. I am sorry that I cannot provide a more definitive answer at this time, but I need to consult with my legal counsel regarding the terms and conditions. I will get back to you as soon as I have their input.

In the meantime, please let me know if there are any specific questions or concerns you have about the project. I would be happy to discuss them with you.

Thank you for your patience and understanding.

Sincerely,  
 Tom

MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

Jan-23

<u>10644</u> payments received in office for the the month	
<u>1995</u> received from by mail	<u>18.74%</u> paid by mail
<u>297</u> received by walk in	<u>2.79%</u> paid by walk in
<u>57</u> received by credit card	<u>0.54%</u> paid by credit card
<u>2608</u> received from bankdraft	<u>24.50%</u> paid by bankdraft
<u>968</u> received from drive thru	<u>9.09%</u> paid by drive thru
<u>4455</u> received from online	<u>41.85%</u> paid online
<u>264</u> received from n.d	<u>2.48%</u> paid by n.d.
<u>50</u> was the most customers walk in payments received	<u>1/18/2023</u>
<u>91.00</u> Membership Fees Collected	<u>43.00</u> Reconnect Fees Collected
<u>17</u> Tap Fees Collected	

<u>11,279</u> Customer	<u>36,940,400</u> Total Gallons Sold	<u>\$ 334,434.95</u> \$ Amount
<u>2,556,500</u> Gals-City	<u>\$ 7,925.15</u> \$ Amount	<u>\$ 151,592.34</u> Online Amount

<u>1755</u> Phone Calls Logged	<u>393</u> Work Orders Prepared
Routes 1-10 Delinquent Notices mailed	<u>651</u>
<u>32</u> Customers Disconnected	<u>\$ 0.91</u>
<u>14</u> Rehung same day	Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	<u>396</u>
<u>11</u> Customers Disconnected	
<u>4</u> Rehung same day	

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

Jan-23

<u>57</u> Customers	<u>Revenue Received</u>
<u>231,000</u> Gallons Treated	<u>\$ 924.00</u> Cost
<u>2400</u> Gallons Treated	<u>9.6</u> Cost
<u>Customers Disconnected</u>	<u>\$ 933.60</u>

Comments:

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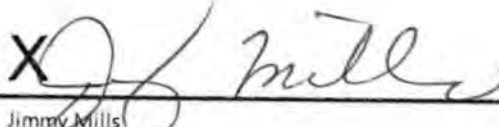
*Erica Wolfe*  
SIGNATURE

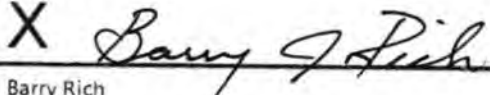
2/7/23  
DATE

February 14, 2023

We have reviewed and approved the transactions for the month of January 2023 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   
Gregory Nugent

February 28<sup>th</sup>, 2023

ECWD

Present: Jimmy Mills, Barry Rich, Greg Nugent, Ryan Mosier, Lane Norris, Blake Aubrey, Jarrod Beatty, Jeff Basham, Dylan Hazelwood, Erica Wolfe

Minutes:

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

Audit Report:

Ryan reported that we received a clean audit, which is the best you can get. Ryan reported that 1.4 million had to be pulled off the books for the sewer sale to Caveland Environmental. Ryan reported that we paid \$570,000 down on our bonds. The Water District's net position has increased approximately \$300,000. Revenue is up about \$400,0000 from the previous year. Sewer sales are consistent, but expenses were slightly up from 2022. Ryan reported there were no issuances, refinances, or activity on the bonds this year. Ryan reported that the internal controls that the Water District has in place such as dual signatures help to protect against fraud.

Motion made by Barry Rich and seconded by Greg Nugent to accept the audit report and to pay Campbell, Myers, and Rutledge for their services. Motion carried.

Discussion of PSC Letter from Tom regarding assets:

There is currently no clear definition of 25% of distribution assets , if we want a formal opinion we will have to open a case with the PSC. Motion made by Greg Nugent to give Tom Goff the authority to file a case with the PSC and hire a consultant if needed, seconded by Barry Rich. Motion carried.

Cleaning Bids:

Tony reported that we received two bids for cleaning. Marcie Hack bid \$60/per week and Rose Elmore bid \$125/per week. Either person can extend the contract by two years if both parties agree. Motion made by Barry Rich and seconded by Greg Nugent to go with the low bid, Marcie Hack. Marcie requested that she get paid monthly instead of weekly motion made by Greg Nugent and seconded by Barry Rich to allow monthly payments Motion carried.

#### Meter Change Out Agreement:

Tom drew up a contract and Bo Vincent signed it. Emily with Vanguard has said that her attorney has advised her not to sign.

#### Intake Site:

Tony reported that he has found a ½ acre spot downstream. The first spot that he looked out, the seller was wanting to sell a spot that was too small. The potential seller is supposed to get back with Tony in the next 3-4 weeks.

#### Option for Treatment Plant Site:

The option must be exercised within the next few days if we want to continue with the purchase. Motion made by Greg Nugent and seconded by Barry Rich to proceed with the purchase of the property.

#### Wax Treatment Plant Intake:

Tony reported that they put a camera in the casing, it went down about 30 ft, and they did not see anything that would cause an issue. Tony reports that the diver thinks that there were not enough rollers. That if we put a couple more rollers on it the pump may go in and come out a lot better. The diver quoted \$4,500 to go in and clean out the casing. The board suggested proceeding with cleaning out the casing by the diver, staff is to make sure that the diver's certificate of insurance is on file.

#### Dredging Permit:

Tony reported that he got a response and that he had to answer a few more questions, one question was if it was a onetime event or if the dredging would need to take place on multiple occasions. Tony reported it was a onetime occurrence. Tony reported that by the time this application is completed it will be time to draw down the lake again.

#### Nature Conservancy/Locke 5:

Tony reported that he has not heard anything since December. The Nature Conservancy has put in for a \$2 million grant to put in a new pumping system.

#### Grayson County Line Extension:

The Line extension was filed with the Lincoln Trail ADD district, and will go before the Water Council on March 9<sup>th</sup>. Tony reported that he is still waiting to hear from Michael Meredith about potential funding opportunities.

Motion to have Grayson County Water Line Extension declared an emergency made by Barry Rich seconded by Greg Nugent. Motion carried.

Motion to declare Wax Water Treatment Project and upgrade to distribution system an emergency made by Greg Nugent and seconded by Barry Rich. Motion carried.

Wax Employees:

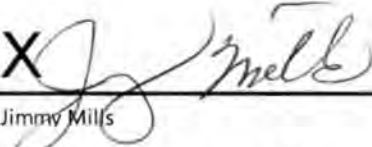
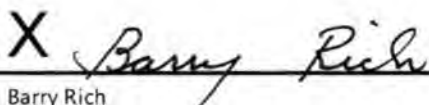
Tony hired a new employee for Wax Water Treatment Plant they are supposed to start tomorrow. Tony suggests hiring another operator for Wax Water Treatment plant. This will allow Patrick to have more time at Brownsville, will cut down on overtime, and will help with scheduling issues. The board agreed.



Customer Letter:

Customer wrote a letter to the board requesting that he be considered for a leak adjustment. He has been out of town and requested it after the due date and after he had already made payment. Tony Sanders read the letter. The board decided to deny the leak adjustment.

Adjourn:

Motion made by Barry Rich and seconded by Greg Nugent. Motion carried.

X  X   
Jimmy Mills Barry Rich

X  X   
Greg Nugent Jarrod Beatty

X   
Blake Aubrey

March 14<sup>th</sup>, 2023

ECWD

Present: Barry Rich, Jimmy Mills, Greg Nugent, Jarrod Beatty, Blake Aubrey, Tony Sanders, Jeff Basham, Dylan Hazelwood, Erica Wolfe, Tim Brewster, Tom Goff

Minutes:

Motion made by Barry Rich and seconded by Jimmy Mills to dispense the reading of the minutes.  
Motion carried.

O&M Reports:

Brownsville:

Produced 32.381 and sold 19.291, total unaccounted for water loss is 38.93% housekeeping and maintenance were completed according to manual and reports were completed on time.

Wax Plant:

Produced 16.800 and sold 12.722 total unaccounted for water loss is 19.59% housekeeping and maintenance completed according to manual.

The raw water pump is ready to be installed but is waiting on rollers. The diver checked the casing when he cleaned it out and there are no issues.

The new hire seems to be catching on well. Nathan reports that he seems like a good choice, and that he has a good work ethic.

Storm:

Tony reported that three generators were delivered one was at Hwy 88, one at sleepy hollow, and one for Wax Plant. Judge Henderson, Grayson County Emergency Management, and the Division of Water helped in getting the generators. Tony reported that we did not need to use the one at Wax Plant, the power came back on right before it arrived. Tony reported that he spoke with Terry Massey at Emergency Management he said to keep track of the storm expenses for potential reimbursement. The generators were covered and we will not be charged for them. Everyone was kept in service, but there was a bit of tank overflow due to telemetry being down when power was out. The Friday night during the storm a main line was ripped out on Sulphur Rd, due to the weather it could not be fixed until early the next morning.

The VFD at Big Windy is burned out, and the VFD at Chaumont needs to be reprogrammed.



#### Distribution:

The total unaccounted for water loss is 27.89%. Maintenance has been completed according to the manual and reports have been completed in a timely manner. Dylan reports that right now we are behind on new installs (about 20 meters behind). We are supposed to get the results from the satellite leak detection the week of March 27<sup>th</sup> and they will be coming the following week with boots on the ground to assist us with leak detection.

#### Office:

The customer count for February is 11,295, we received 9,367 payments for the month. We disconnected 29 customers and rehung six the same day. We collected 16 tap fees and 39 reconnect fees

#### Financial Report:

We are down for the month in sales, our interest income is up, and our bond coverage is good. We are waiting to receive meters that were ordered back in August of last year, and we are also waiting on some materials for distribution. Right now, all departments are holding good on their budgets. Tony reports that he spoke with our insurance carrier and he is hoping to get the renewal approved as soon as possible. Sewer coverage is good we have very minimal sewer expenses. We are waiting to hear back from the sewer rate case about recovering depreciation.

#### Check Approval:

Motion made by Barry Rich and seconded by Greg Nugent to approve the checks from February. Motion carried.

#### Code Red Call Out:

The cost for this service is \$8,200 per year. There were some issues with people not getting the message after receiving the call. Steffan has put in a ticket to get that issue resolved. The system has been a good way to contact customers about boil water advisories, delinquents, lead & copper, etc. Motion made by Greg Nugent and seconded by Barry Rich to approve the payment. Motion carried.

#### Hydrant Installations for Grayson County:

\$30,439 was the lowest bid for the hydrants from Core & Main. Must have board approval for purchases over \$30,000, Tony reports that he will get Judge Henderson's approval before ordering as well. Motion made to approve the hydrant purchase by Barry Rich and seconded by Greg Nugent. Motion carried.

#### Meter Change Out Contract:

Tony reported that we received a letter from Emily's attorney that she is not capable to fulfill the contract, Tony reported that he was advised by Tom to reach out to the bonding company, which he did. The bonding company will not pursue the issue unless we file a claim with them. Bo Vincent still wants to do the contract for \$35/meter. Motion made to rebid with the stipulation that we reserve the right to accept the lowest and best bid and have the ability to reject any and all bids made by Greg Nugent and seconded by Barry Rich. Motion Carried. Special meeting to take place on 03/29/23 to open the bids.

#### ECWD Distribution Assets:

Tom reported that he spoke with Damon Talley and he could not assist with the declaratory order but he recommended Todd who previously worked with the PSC. The fees would be \$275 per hour and the estimated cost would be between \$3,000-\$6,000 to get it accomplished.

Tom reviewed the matter and 25% of distribution assets could be interpreted in the way that Judge Henderson presented to Grayson County Fiscal Court. Tom feels that the commission is safe in adopting the appointed commissioners (Jarrod Beatty & Blake Aubrey)

Motion made to rescind the prior motion made to proceed with declaratory order and Motion made to accept the Jarrod Beatty and Blake Aubrey onto the board by Greg Nugent seconded by Jimmy Mills. Motion carried.

#### Dredging Application:

Tony has requested \$579,000 in funds for dredging and approximately \$4 million for the Wax Water Treatment Plant. Tony reported that we will not know if we get that funding until next year. Tony reported that he has completed an application for flood plain, and another application for certification. Louis does not believe that the Corps will allow us to dump the sediment downstream. If we are not able to dump downstream it would quadruple the cost and would be at least \$2-3 million.

#### Brownsville Intake:

Tony reports that the Nature Conservancy has gone back to the drawing board. They have dissolved the partnership with their engineers. No formal plans on how to proceed are in place. The board suggested that Tony set up a meeting with The Corps, the Nature Conservancy, and representatives from Guthrie's office, Rand Paul's office, and Mitch McConnell's office.

#### Option to Purchase Land:


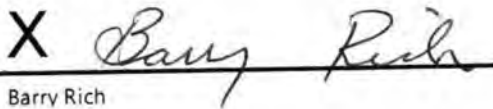
Tony reports that Chad Harston would like to have the documents by Thursday or Friday of the week prior to the closing on the 28<sup>th</sup>. The closing will take place at the next meeting on the 28<sup>th</sup>.

Sewer Rate Case:

We have until April 10<sup>th</sup>, to get our response ready for the PSC. We are currently working on it. Alan Villines will submit the documentation prior on or before April 10<sup>th</sup>.

Adjourn:

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

X  X   
Jimmy Mills Barry Rich

X  X   
Greg Nugent Jarrod Beatty

X   
Blake Aubrey

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility: Edmonson County Water District

For the Month of: FEB Year: 2023

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED AND PURCHASED</b>	
2	Water Produced	49,181,000
3	Water Purchased	
4	<b>TOTAL PRODUCED AND PURCHASED</b>	49,181,000
5		
6	<b>WATER SALES</b>	
7	Residential	29,860,200
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	2,873,300
12	Public Authorities	
13	Other Sales (explain)	
14	<b>TOTAL WATER SALES</b>	32,733,500
15		
16	<b>OTHER WATER USED</b>	
17	Utility and/or Water Treatment Plant	1,265,500
18	Wastewater Plant	
19	System Flushing	963,200
20	Fire Department	1,500
21	Other Usage (explain) <span style="margin-left: 50px;">* PUMPS *</span>	500000
22	<b>TOTAL OTHER WATER USED</b>	2,730,200
23		
24	<b>WATER LOSS</b>	
25	Tank Overflows	
26	Line Breaks	1,276,660
27	Line Leaks	12,440,640
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	<b>TOTAL WATER LOSS</b>	13,717,300
32		
33	<b>Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4</b>	
34		
35	<b>WATER LOSS PERCENTAGE</b>	
36	(Line 31 divided by Line 4)	27.89%



# Edmonson Co Water District

## Monthly Water Loss Report

Feb 2023

Brownsville WTP

<b>A:</b>	<b>Produced</b>	32.381 MG
	<b>Purchased</b>	_____ MG
	<b>Total</b>	32.381 MG
	<b>Sold</b>	
	<i>Residential</i>	17.2012 MG
	<i>Wholesale</i>	2.0903 MG
	<i>Wax WTP</i>	_____ MG
	<b>Total Sold</b>	19.2915 MG
<b>B:</b>	<b>Difference</b>	13.0895 MG
	<b>% Difference</b>	40.42%

<u>February-22</u>	<u>Totals</u>
34.839 MG	_____ MG
_____ MG	34.839 MG
17.9531 MG	_____ MG
2.632 MG	_____ MG
0.4320 MG	_____ MG
21.017 MG	_____ MG
13.822 MG	_____ MG
39.67%	_____ MG

**Gallons Acctd For:**

<i>Breaks</i>	_____ MG
<i>Hyd. Flushing</i>	_____ MG
<i>Tank Overflow</i>	_____ MG
<i>Plant Use</i>	0.4825 MG
<i>Fire Dept Use</i>	_____ MG
<i>Adjustments +/-</i>	_____ MG
<i>Other (Wax)</i>	_____ MG

_____ MG	_____ MG
_____ MG	_____ MG
_____ MG	_____ MG
0.4634 MG	_____ MG
_____ MG	_____ MG
_____ MG	_____ MG
_____ MG	_____ MG

<b>C:</b>	<b>Total Gallons Acctd f</b>	0.483 MG
	<b>Loss Unacctd for Wa</b>	12.607 MG
	<b>% Loss Unacctd for (</b>	38.93%

0.463 MG	_____ MG
13.359 MG	_____ MG
38.34%	_____ MG

<b>Gallons / Day (+ / -</b>	450,250
<b>Gallons / Minute (+</b>	_____

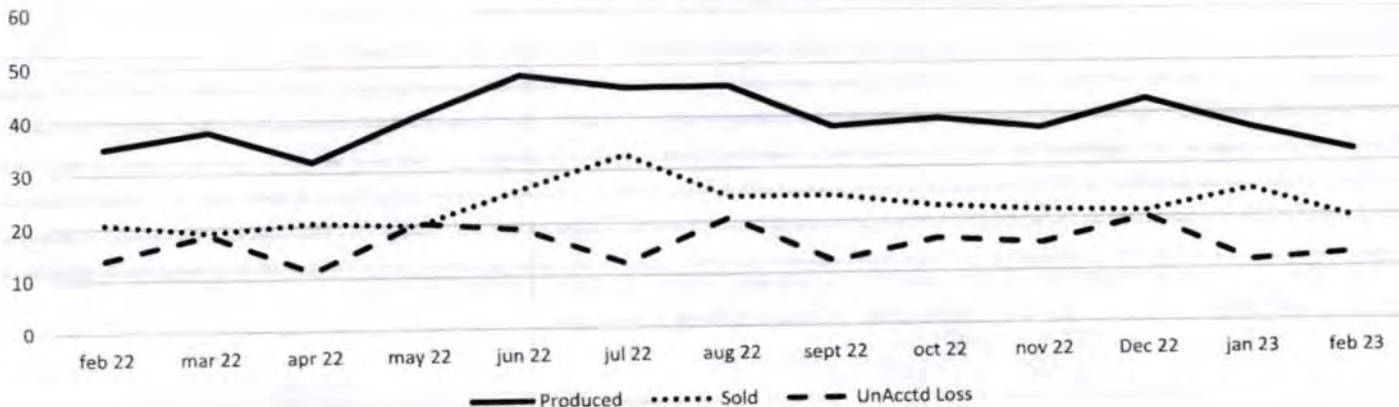
418,321	_____
291	_____

YTD Budget: \_\_\_\_\_ % Used

Past YTD Avg Loss: \_\_\_\_\_ 38.42%

AVG YTD Loss: 34.85%

13 Mth Loss Rpt Bville WTP



## MONTHLY INSPECTION & REPORT FORM BROWNSVILLE TREATMENT PLANT

Gallons Pumped	32.381
Gallons Sold	19.292
Gallons Lost	12.607
Percentage Loss	38.93%
GPM Loss	0

Maximum Pumped	1.5680
Minimum Pumped	0.9320
Average Pumped	1.1560
Gallons Accounted for:	
Tank Overflow	0.000
Plant Use	0.483
Computer Adj.	0.000
Other	0.000
Total	0.483

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

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

<b>Treatment Plant Appearance</b>	_____	Poor	_____	Fair	<input checked="" type="checkbox"/>	Good	_____	Excellent
Buildings	_____	Poor	_____	Fair	<input checked="" type="checkbox"/>	Good	_____	Excellent
Grounds	_____	Poor	_____	Fair	<input checked="" type="checkbox"/>	Good	_____	Excellent
Intake	_____	Poor	_____	Fair	<input checked="" type="checkbox"/>	Good	_____	Excellent
Road & entrance	_____	Poor	_____	Fair	<input checked="" type="checkbox"/>	Good	_____	Excellent

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

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

Operator overseeing treatment	<input checked="" type="checkbox"/>	Was available while on duty	<input checked="" type="checkbox"/>	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 2023 and that it is accurate to the best of my knowledge.

*Tim Brewster*

Operator

3/13/2022

Date

# Edmonson Co Water District

## Monthly Water Loss Report

Feb-23		Wax	WTP
		Feb-22	Totals
<b>A:</b>	<b>Produced</b>	16.800 MG	17.651 MG
	<b>Purchased</b>	_____ MG	0 MG
	<b>Total</b>	16.800 MG	18.083 MG
	<b>Sold</b>		
	<i>Residential</i>	12.659 MG	12.8000 MG
	<i>Wholesale</i>	0.063 MG	_____ MG
		_____ MG	_____ MG
	<b>Total Sold</b>	12.722 MG	12.800 MG
<b>B:</b>	<b>Difference</b>	4.078 MG	5.283 MG
	<b>% Difference</b>	24.27%	29.22%
	<b>Gallons Acctd For:</b>		
	<i>Breaks</i>	_____ MG	_____ MG
	<i>Hyd. Flushing</i>	_____ MG	_____ MG
	<i>Tank Overflow</i>	0.003 MG	_____ MG
	<i>Plant Use</i>	0.783 MG	1.936 MG
	<i>Fire Dept Use</i>	_____ MG	_____ MG
	<i>Adjustments +/-</i>	_____ MG	_____ MG
	<i>Other</i>	_____ MG	_____ MG
<b>C:</b>	<b>Total Gallons Acctd For:</b>	0.786 MG	1.936 MG
	<b>Loss Unacctd for Water (B-C)</b>	3.292 MG	3.347 MG
	<b>% Loss Unacctd for (B-C)/A</b>	19.59%	18.51%
	<b>Gallons / Day (+/-)</b>	117,557	119536
	<b>Gallons / Minute (+/-)</b>	82	83

YTD Budget: \_\_\_\_\_ % Used || Past YTD: \_\_\_\_\_

AVG YTD Loss:





# MONTHLY INSPECTION & REPORT FORM

wax treatment plant

Feb-23

Gallons Pumped	16.800
Gallons Sold	12.722
Gallons Lost	3.292
Percentage Loss	19.59%
GPM Loss	82

Maximum Pumped	713,600
Minimum Pumped	528,700
Average Pumped	599,993

Gallons Accounted for	
Tank Overflow	0
Plant Use	0.783
Computer Adj.	0
Other	0
Total	0.783

**Booster Station Conditions**

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

**Tanks Conditions**

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

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

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

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

**Comments**

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With this report I certify that I have personally inspected the operation and maintenance for the month of Feb-23 and that it is accurate to the best of my ability.

chris graham 3-5-2023

Operator

Date

MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

Feb-23

<u>9367</u> payments received in office for the the month	
<u>1876</u> received from by mail	<u>20.03%</u> paid by mail
<u>233</u> received by walk in	<u>2.49%</u> paid by walk in
<u>38</u> received by credit card	<u>0.41%</u> paid by credit card
<u>2632</u> received from bankdraft	<u>28.10%</u> paid by bankdraft
<u>912</u> received from drive thru	<u>9.74%</u> paid by drive thru
<u>3460</u> received from online	<u>36.94%</u> paid online
<u>216</u> received from n.d	<u>2.31%</u> paid by n.d.
<u>27</u> was the most customers walk in payments received	<u>1/18/2023</u>
<u>71.00</u> Membership Fees Collected	<u>39.00</u> Reconnect Fees Collected
<u>16</u> Tap Fees Collected	

<u>11,295</u> Customer	<u>29,860,000</u> Total Gallons Sold	<u>\$ 303,229.03</u> \$ Amount
<u>2,090,300</u> Gals-City	<u>\$ 3,479.93</u> \$ Amount	<u>\$ 130,707.85</u> Online Amount

<u>1279</u> Phone Calls Logged	<u>309</u> Work Orders Prepared
Routes 1-10 Delinques ent Notices mailed	<u>501</u>
<u>13</u> Customers Disconnected	<u>\$ 1.02</u>
<u>4</u> Rehung same day	Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	<u>215</u>
<u>16</u> Customers Disconnected	
<u>2</u> Rehung same day	

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

Feb-23

<u>57</u> Customers		Revenue Received
<u>273,000</u> Gallons Treated	<u>\$ 1,164.60</u> Cost	
<u>3600</u> Gallons Treated	<u>14.4</u> Cost	\$ 1,179.00
<u>        </u> Customers Disconnected		

Comments:

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Erica Wolf  
SIGNATURE

3/8/23  
DATE

<b>File #:</b>	2023-112	<b>Property</b>	Alvey Lane	<b>Settlement Date</b>	03/28/2023
<b>Prepared:</b>	03/23/2023		Cub Run, KY 42729	<b>Disbursement Date</b>	03/28/2023
<b>Escrow Officer:</b>	THOMAS H GOFF	<b>Buyer</b>	EDMONSON COUNTY WATER DISTRICT, PO Box 208 Brownsville, KY 42210		
		<b>Seller</b>	SPRING CORPORATION 13020 Scottsville Road Lucas, KY 42156		
		<b>Lender</b>			

Seller			Buyer	
Debit	Credit		Debit	Credit
		<b>Primary Charges &amp; Credits</b>		
	\$369,500.00	Sales Price of Property	\$369,500.00	
		Deposit		\$10,000.00
\$10,000.00		Excess Deposit		
		<b>Loan Charges</b>		
\$75.00		Deed preparation to Goff & Goff, PSC		
		<b>Government Recording and Transfer Charges</b>		
		Recording Fees	\$50.00	
		---Deed: \$50.00		
\$369.50		Transfer Tax (Deed) to Hart County Court Clerk		

Seller			Buyer	
Debit	Credit		Debit	Credit
\$10,444.50	\$369,500.00	<b>Subtotals</b>	\$369,550.00	\$10,000.00
		Due from Buyer		\$359,550.00
\$359,055.50		Due to Seller		
\$369,500.00	\$369,500.00	<b>Totals</b>	\$369,550.00	\$369,550.00

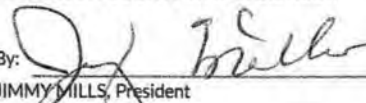
**Acknowledgement**

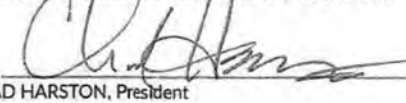
We/I have carefully reviewed the Settlement Statement and find it to be a true and accurate statement of all receipts and disbursements made on my account or by me in this transaction and further certify that I have received a copy of the Settlement Statement.

We/I authorize Goff & Goff, PSC to cause the funds to be disbursed in accordance with this statement.

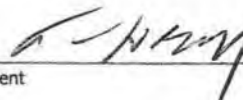
EDMONSON COUNTY WATER DISTRICT,

SPRING CORPORATION Inc., a Kentucky Corporation

By:   
 JIMMY MILLS, President Date

By:   
 CHAD HARSTON, President Date

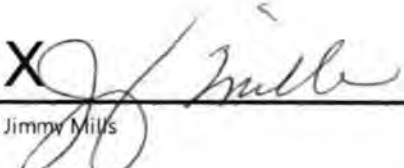
By:   
 BARRY RICH, Secretary/Treasurer Date

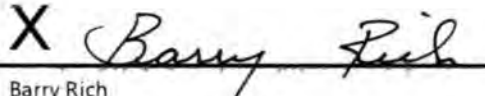
 3-28-2023  
 Settlement Agent Date

March 14, 2023

We have reviewed and approved the transactions for the month of February 2023 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**   
Gregory Nugent

March 28<sup>th</sup>, 2023

ECWD

Present: Jimmy Mills, Barry Rich, Greg Nugent, Jarrod Beatty, Blake Aubrey, Tony Sanders, Jeff Basham, Dylan Hazelwood, Erica Wolfe, Tom Goff

Minutes:

Motion made by Barry Rich and seconded by Blake Aubrey to dispense the reading of the minutes. Motion carried.

KIA Grant:

Motion made by Greg Nugent and seconded by Jarrod Beatty to accept the grant from KIA. Tony reported that he spoke with Representative Meredith about the emergency water line in Grayson County and advised him that the project would be going through Lincoln Trail ADD District. Motion Carried.

Meter Change Out Bid:

Tony reported there was an error made with the advertisement rather than the ad stating that the bid would open tomorrow it said the date that the ad ran. Tony reported he corrected the ad and it will be going out and that the bids will open next week.

Dredging:

Tony reported that he has completed all the applications for dredging. There will be an ad going out in the Grayson County paper regarding the flood plain, it will run for two weeks. After that there will be an application to complete for the Division of Water.

Ear Mark Grant:

Tony reported that he was asked to combine both requests the one for the dredging and the four million for the plant. He combined the applications and resubmitted. Tony reported that ECWD would have to provide 20-25% of the proceeds, we may be able to utilize KIA funds. We can not use federal funds for the match.

The board requested a meeting to discuss Locke 5. Tony reported that he will try to get it set up for April or May, he has already spoke with Louis and the Corps of Engineers about it.

Interviews:

Tony reported that he set up three interviews for Wax Treatment Plant all three live in the area. The interviews will be this afternoon.

Distribution Employee:

The latest hire was let go before the end of the 90-day probationary period. Tony reported that we will be looking for a distribution employee as well.

Line at New Grove:

Tony reported that the boring has been done, the distribution crew will have to spend 3-4 days getting the line put in.

Billing Issue:

Tony reported that there was an issue with the billing and they did not get sent out until a week later. The customers have received them in the required time frame, but it did not give them much time to get it paid. Motion made by Jarrod Beatty and seconded by Blake Aubrey to give customers an extra week to pay before adding penalties due to the billing delay. Motion Carried

Closing for Property Future Site for Wax Treatment Plant:

Motion made to purchase the property pursuant to the option, and to give Jimmy Mills and Barry Rich authority to sign all applicable documents. Motion made by Greg Nugent and seconded by Barry Rich. Motion Carried

Adjourn:

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

X *J Mills*

Jimmy Mills

X *Barry Rich*

Barry Rich

X *Greg Nuqent*

Greg Nuqent

X

Jarrold Beatty

X *Blake Aubrey*

Blake Aubrey

April 5<sup>th</sup>, 2023

ECWD

Present: Jimmy Mills, Barry Rich, Jarrod Beatty, Tom Goff, Tony Sanders, Jeff Basham, Erica Wolfe, Bo Vincent


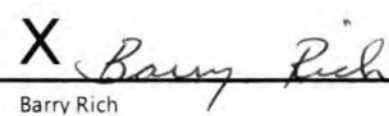
Meter Change Out Bid:

Only one bid was received, it is from BLJ Contracting (Bo Vincent). He bid it at \$35 per meter. Motion made by Barry Rich and seconded by Jarrod Beatty to accept the bid. Motion carried. Contract signed by Jimmy Mills.

Bo stated he would start work on Monday.

Adjourn:

Motion made by Barry Rich and seconded by Jarrod Beatty. Meeting adjourned.

X  X   
Jimmy Mills Barry Rich

X \_\_\_\_\_  
Jarrod Beatty



April 11<sup>th</sup>, 2023

ECWD

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

Minutes:

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

O&M Reports:

Brownsville Plant-

Tim Brewster reports a total unaccounted for water loss of 48.65%, housekeeping has been completed as required, maintenance has been completed according to the manual, and reports have been completed in a timely manner. The water loss is higher this month due to a 28-day read cycle versus a 31-day pumping cycle. Water loss is historically higher for the month of March. Tim was asked about the conditions at the intake. Tim reported that it has cleared up a bit but we are going to be getting the divers to come in now that they are able to.

Wax Plant-

Tim Brewster reported that the unaccounted-for water loss for Wax Plant for the month of March is 40.07%. Housekeeping has been completed as required, maintenance has been completed according to the manual, and reports have been completed in a timely manner. The new operator trainee was supposed to start yesterday but he was sick, once he is cleared by his doctor he will start

Distribution-

The total unaccounted for water loss for March 2023 is 43.06%. Maintenance has been completed according to the manual, Dylan reported that they did not do a full count of inventory for the month. Leak hunting is being conducting daily. There have been 250 spots of interest flagged from the satellite leak detection, they have made it to about sixty spots. So far, the program seems to be working well.

The meter change outs started yesterday they changed thirty meters in about five hours. So far, the paperwork looks good.

#### Office-

For March 2023 ECWD had 11,295 customers and collected 11,002 payments. We collected 18 tap fees, 43 reconnect fees, and 96 membership fees. We disconnected 28 total customers and rehung 11 in the same day. The office is continuing to work on sending out and inputting lead and copper surveys.

#### Financial Reports:

Tony reports that retail sales are down for the month, but are ahead for the year. Penalties are about the same and interest income is up from the previous year. Bond coverage is down for the month, we have paid for a lot of large expenses, hopefully it will improve next month. Sewer is still holding well there are very few expenses. We have taken in \$12,000 and had \$3,000 in expenses, we are not currently recovering depreciation.

#### Wax Plant:

Tony reported that we have a new pump at Wax Plant, the old one is still at Brooks Motor once it is repaired and returned, we will have a spare on hand. Tony reported that the generators for Wax Plant could take from six months to two years to receive.

#### Sewer Rate Case:

Tony reported it was submitted last week and that the PSC has already been calling to ask questions. Tony reports that we expect to hear a response with more questions within 3-4 weeks.

#### Approval of Checks:

Motion made by Greg Nugent and seconded by Barry Rich to approve the checks for March 2023. Motion carried.

#### Intake Site at Harbor View Village:

Tony reported that he spoke with the owner about an option to buy, and that idea seemed favorable to the owner. Tony reported that the owner seems interested in selling but will get back with him in about a month to follow back up.

#### Meeting with the Corps of Engineers & Nature Conservancy:

Tony reported that he has sent out emails to get a meeting set up with all involved parties. He has received some responses but has not yet heard from everyone. Tony reported that if he can get it arranged, he will try and get the meeting scheduled at 9:30 on the next meeting date.

#### Projects:

Tony reported that he does not have an update on the projects. He has reached back out to Representative Meredith about the Emergency Line/Connection with Grayson County.

#### Health Insurance Renewal:

Tony reported for the same policy it will go up \$78 per employee per month. That is a 14.95% increase, Tony reported that he figured an 11-12% increase on the budget so an amendment may be needed before the end of the year.


Motion made to accept renewal and authorize Tony Sanders to sign health insurance paperwork made by Barry Rich and seconded by Greg Nugent. Motion Carried.

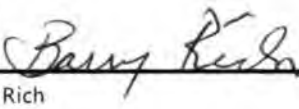
Cost of Living Raise:


The Commissioners will review a cost-of-living increase at the next meeting, Tony to get some potential figures together.

Adjourn:

Motion made by Barry Rich and seconded by Blake Aubrey to adjourn the meeting. Meeting Adjourned.

X  \_\_\_\_\_  
Jimmy Mills

X  \_\_\_\_\_  
Barry Rich

X  \_\_\_\_\_  
Greg Nugent

X  \_\_\_\_\_  
Jarrod Beatty

X  \_\_\_\_\_  
Blake Aubrey

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility: Edmonson County Water District

For the Month of: MARCH Year: 2023

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED AND PURCHASED</b>	
2	Water Produced	55,213,000
3	Water Purchased	
4	<b>TOTAL PRODUCED AND PURCHASED</b>	55,213,000
5		
6	<b>WATER SALES</b>	
7	Residential	26,081,000
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	2,658,500
12	Public Authorities	
13	Other Sales (explain)	
14	<b>TOTAL WATER SALES</b>	28,739,500
15		
16	<b>OTHER WATER USED</b>	
17	Utility and/or Water Treatment Plant	1,201,400
18	Wastewater Plant	
19	System Flushing	993,900
20	Fire Department	3,000
21	Other Usage (explain) <span style="margin-left: 50px;">* PUMPS *</span>	500000
22	<b>TOTAL OTHER WATER USED</b>	2,698,300
23		
24	<b>WATER LOSS</b>	
25	Tank Overflows	
26	Line Breaks	728,930
27	Line Leaks	23,046,270
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	<b>TOTAL WATER LOSS</b>	23,775,200
32		
33	<b>Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4</b>	
34		
35	<b>WATER LOSS PERCENTAGE</b>	
36	(Line 31 divided by Line 4)	43.06%

# MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

### WATER LOSS:

TOTAL GALLONS PUMPED	<u>55,213,000</u>	GALLONS FLUSHED	<u>993,900</u>
TOTAL GALLONS SOLD	<u>28,739,500</u>	NUMBER OF LEAKS	<u>22</u>
TOTAL GALLON LOSS	<u>26,473,500</u>	ESTIMATED GALLONS	<u>728,930</u>
PERCENTAGE LOSS	<u>47%</u>	RIVER HILL PUMPS	<u>500,000</u>
		TANK OVERFLOW	
GALLONS ACCOUNTED FOR	<u>2,225,830</u>	OTHER Fire dep.	<u>3,000</u>
GALLONS UNACCOUNTED FOR	<u>24,247,670</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: Leak hunting daily. Satellite leak detection flagged 250 spots  
have looked at about 60 spots, 9 service line leaks, 3 main line leaks &  
customer leaks so far. Trying to keep locates and work orders caught up.  
5th behind about 30 new installs.

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

March  
Duke Hogeboom  
OPERATOR

4-10-23  
DATE

# Edmonson Co Water District

## Monthly Water Loss Report

Wax WTP

Mar-23

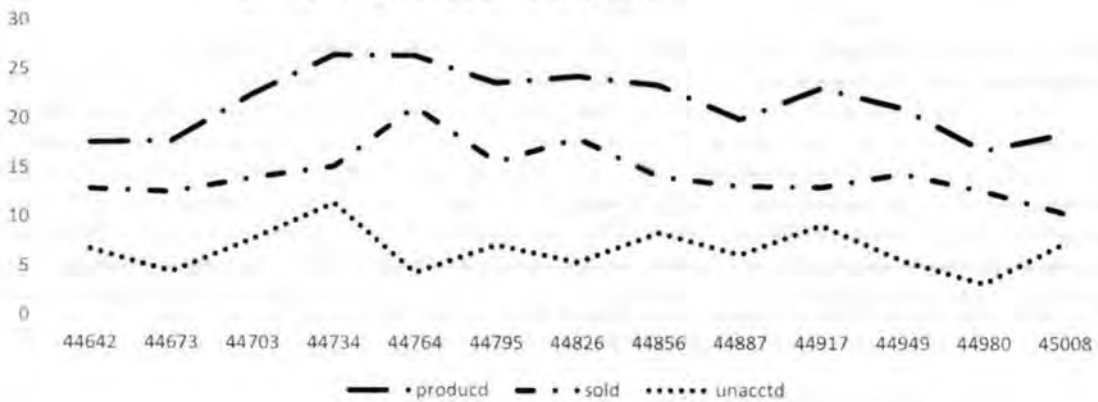
Mar-22 Totals

<b>A:</b>	<b>Produced</b>	18.524 MG	17.617 MG
	<b>Purchased</b>	0.000 MG	MG
	<b>Total</b>	18.524 MG	17.617 MG
	<b>Sold</b>		16.8890 MG
	<i>Residential</i>	10.160 MG	MG
	<i>Wholesale</i>	0.289 MG	MG
		MG	MG
	<b>Total Sold</b>	10.449 MG	16.889 MG
<b>B:</b>	<b>Difference</b>	8.075 MG	0.728 MG
	<b>% Difference</b>	43.59%	4.13%
	<b>Gallons Acctd For:</b>		
	<i>Breaks</i>	MG	MG
	<i>Hyd. Flushing</i>	MG	MG
	<i>Tank Overflow</i>	MG	MG
	<i>Plant Use</i>	0.652 MG	0.842 MG
	<i>Fire Dept Use</i>	MG	MG
	<i>Adjustments +/-</i>	MG	MG
	<i>Other</i>	MG	MG
<b>C:</b>	<b>Total Gallons Acctd For:</b>	0.652 MG	0.842 MG
	<b>Loss Unacctd for Water (B-C)</b>	7.423 MG	-0.114 MG
	<b>% Loss Unacctd for (B-C)/A</b>	40.07%	-0.65%
	<b>Gallons / Day (+/-)</b>	239,439	-3678
	<b>Gallons / Minute (+/-)</b>	166	-3

YTD Budget: \_\_\_\_\_ % Used || Past YTD: \_\_\_\_\_

AVG YTD Loss:

13 month loss report wax plant



# MONTHLY INSPECTION & REPORT FORM

wax treatment plant

Mar-23

Gallons Pumped	18,524
Gallons Sold	10,449
Gallons Lost	7,423
Percentage Loss	40.07%
GPM Loss	166

Maximum Pumped	726,200
Minimum Pumped	506,600
Average Pumped	597,535

Gallons Accounted for	
Tank Overflow	0
Plant Use	0.849
Computer Adj.	0
Other	0
<b>Total</b>	<b>0.849</b>

**Booster Station Conditions**

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

**Tanks Conditions**

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

_____ Poor	_____ Fair	<u>  y  </u> Good	_____ Excellent
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*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>	_____ Poor	<u>  y  </u> Good	_____ Excellent
<i>Intake</i>	_____ Fair	<u>  y  </u> Good	_____ Excellent
<i>Road &amp; entrance</i>	_____ Poor	<u>  y  </u> Good	_____ 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

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With this report I certify that I have personally inspected the operation and maintenance for the month of  
 Mar-23 and that it is accurate to the best of my ability.

chris graham 4-3-2023

Operator

Date

# Edmonson Co Water District

## Adjusted Monthly Water Loss Report

Brownsville WTP

Mar 2023

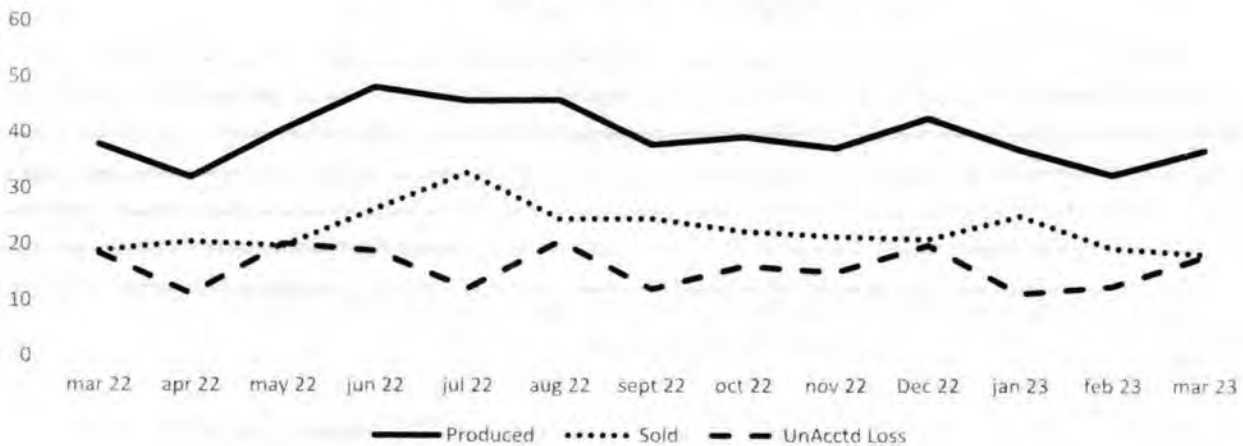
March-22

<b>A: Produced</b>		36.689 MG		37.844 MG
<b>To Wax Service Area</b>		_____ MG		_____ MG
<b>Total</b>		<u>36.689 MG</u>		<u>37.844 MG</u>
<b>Sold</b>	<i>Residential</i>	15.9210 MG		15.7072 MG
	<i>Wholesale</i>	2.3695 MG		3.162 MG
	<i>Other</i>	_____ MG		_____ MG
<b>Total Sold</b>		<u>18.2905 MG</u>		<u>18.869 MG</u>
<b>B: Difference</b>		18.3985 MG		18.975 MG
<b>% Difference</b>		<u>50.15%</u>		<u>50.14%</u>
<b>Gallons Acctd For:</b>				
	<i>Breaks</i>	_____ MG		_____ MG
	<i>Hyd. Flushing</i>	_____ MG		_____ MG
	<i>Tank Overflow</i>	_____ MG		_____ MG
	<i>Plant Use</i>	0.5494 MG		0.554 MG
	<i>Fire Dept Use</i>	_____ MG		_____ MG
	<i>Adjustments +/-</i>	_____ MG		_____ MG
	<i>Other (Wax)</i>	_____ MG		_____ MG
<b>C: Total Gallons Acctd For:</b>		0.549 MG		0.554 MG
<b>Loss Unacctd for Water (B-C)</b>		17.849 MG		18.421 MG
<b>% Loss Unacctd for (B-C)/A</b>		<u>48.65%</u>		<u>48.67%</u>
<b>Gallons / Day (+/-)</b>		575,774		594,226
<b>Gallons / Minute (+/-)</b>		<u>400</u>		<u>413</u>

YTD Budget: 0.06% Under      22.76 % Used    || Past YTD Loss: 45.42%

AVG YTD Loss: 39.45%

13 Mth Loss Rpt Bville WTP





## MONTHLY INSPECTION & REPORT FORM BROWNSVILLE TREATMENT PLANT

Gallons Pumped	36.689
Gallons Sold	<u>18.291</u>
Gallons Lost	<u>17.849</u>
Percentage Loss	<u>48.65%</u>
GPM Loss	<u>400</u>

Maximum Pumped	1.514
Minimum Pumped	<u>0.912</u>
Average Pumped	<u>1.184</u>

Gallons Accounted for:	
Tank Overflow	0.000
Plant Use	<u>0.549</u>
Computer Adj.	<u>0.000</u>
Other	<u>0.000</u>
Total	<u>0.549</u>

**Booster Station Conditions**

_____	Poor	_____	Fair	_____	Good	_____	Excellent	
<i>Building &amp; Grounds</i>	_____	Poor	_____	Fair	_____	Good	_____	Excellent
<i>Electrical &amp; 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
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**Site Condition**

_____	Poor	_____	Fair	_____	Good	_____	Excellent
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<i>Evidence of overflow</i>	_____	Yes	_____	No	_____	Good	_____	Excellent
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**Treatment Plant Appearance**

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

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

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

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

Comments:

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With this report I certify that I have personally inspected the operation and maintenance for the month of  
Mar 2023 and that it is accurate to the best of my ability.

*Tim Brewster*

Operator

4/5/2023

Date

MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

Mar-23

<u>11002</u> payments received in office for the the month	
<u>1989</u> received from by mail	<u>18.08%</u> paid by mail
<u>222</u> received by walk in	<u>2.02%</u> paid by walk in
<u>65</u> received by credit card	<u>0.59%</u> paid by credit card
<u>2633</u> received from bankdraft	<u>23.93%</u> paid by bankdraft
<u>934</u> received from drive thru	<u>8.49%</u> paid by drive thru
<u>4917</u> received from online	<u>44.69%</u> paid online
<u>242</u> received from n.d	<u>2.20%</u> paid by n.d.
<u>38</u> was the most customers walk in payments received	<u>3/28/2023</u>
<u>96.00</u> Membership Fees Collected	<u>43.00</u> Reconnect Fees Collected
<u>18</u> Tap Fees Collected	

<u>11,295</u> Customer	<u>26,131,000</u> Total Gallons Sold	<u>\$ 281,729.96</u> \$ Amount
<u>2,369,500</u> Gals-City	<u>\$ 7,345.45</u> \$ Amount	<u>\$ 154,856.03</u> Online Amount

<u>1700</u> Phone Calls Logged	<u>337</u> Work Orders Prepared	
Routes 1-10 Delinques ent Notices mailed	<u>482</u>	
<u>16</u> Customers Disconnected		<u>\$ 1.08</u>
<u>7</u> Rehung same day		Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	<u>327</u>	
<u>12</u> Customers Disconnected		
<u>4</u> Rehung same day		

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

Mar-22

<u>57</u> Customers		<u>Revenue Received</u>
<u>4,300</u> Gallons Treated	<u>\$ 17.20</u> Cost	
<u>263000</u> Gallons Treated	<u>1124.6</u> Cost	<u>\$ 1,141.80</u>
<u>Customers Disconnected</u>		

Comments:

Continuing with Lead & Copper Inventory, we have started field verifications on customers who have reported unknown.

  
SIGNATURE

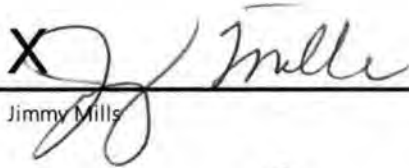
4/5/23  
DATE

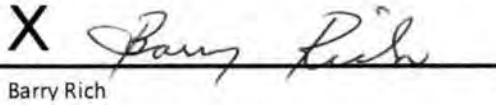
April 11, 2023

We have reviewed and approved the transactions for the month of March 2023 for the following accounts:

- 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)

The documents that have been reviewed are attached.

X   
Jimmy Mills

X   
Barry Rich

X   
Greg Nugent

X  
Jarrod Beatty

X   
Blake Aubrey

April 25<sup>th</sup>, 2023

ECWD

Present: Jimmy Mills, Barry Rich, Greg Nugent, Tom Goff, Jarrod Beatty, Blake Aubrey, Tony Sanders, Jeff Basham, Erica Wolfe, Dylan Hazelwood

Minutes:

Motion made by Barry Rich and seconded by Jarrod Beatty to approve and dispense the reading of the minutes. Motion carried.

Metlife Renewal:

Right now we currently pay .56/1,000 per employee, it will go up to .61/1,000. That is a 8.9% increase. There was no change to the A&D policy. Motion made by Jarrod Beatty and seconded by Greg Nugent to approve and proceed with the current plan. Motion carried.

Grayson County:

Tony spoke with Jeremy at Grayson County Water District, around 1983/1984 we annexed past bear creek, but in 1997 Grayson County Water annexed back to where our current line ends. From where we stop to Bear Creek Rd is Grayson County Water's territory. Jeremy is going to talk to his board about doing the tie in without the pump to feed our customers in the area. We would use a 4-inch meter to feed part of the area. Jeremy will get back with Tony after he discusses it with his board. Tony reported that he spoke with Michael Meredith there is no word on any emergency funding.

Harbor View Village:

There is a half acre spot that we are looking at purchasing for the intake site from Harry Leewald. Mr. Leewald is asking \$50,000 firm. If we don't buy is looking to sell it to someone else. This site is a better and bigger site than the other one we were looking at. It has about 2ft more of water. Louis told Tony this is where the site needs to be to have that deeper pool. Barry Rich made a motion to purchase the property and authorize Tony Sanders to sign and execute any and all purchase agreements to buy the property. Start the offer at \$45,000 and go up to \$50,000 if necessary. Motion seconded by Jarrod Beatty. Motion carried.

Meeting with the Nature Conservancy:

The tentative date for the meeting in May 25<sup>th</sup>. So far that date has worked for everyone, but Tony has not heard from Kylie Foushee at Representative Guthrie's office. Meeting tentatively set for May 25<sup>th</sup> at 10am CDT.

#### Intake Dredging Certification Application:

Tony reported there is an application fee of \$2,500. Louis reported that he spoke with someone at the Division of Water and they think the application will go through on their end. Right now the cost of dredging will be about \$600,000 if we are able to dump back into the lake. Tony reports that we have applied for an earmark grant with Representative Guthrie's office. Blake Aubrey made a motion to pay the application fee, seconded by Jarrod Beatty. Barry Rich opposes the motion. Greg Nugent reported that he is voting for it because we have to show we are trying to find a solution and do everything we can. Jimmy Mills voted for the motion. Motion carried.

#### PSC Inspection:

Tony reports that the field inspector will be here May 10<sup>th</sup>. Tony has sent the list of required items to the department heads. Tony reports that we will show them whatever they want to see.

#### Two New Hires:

Tony reported that we had interviews last week and two new employees will start next week for distribution.

#### Industrial Authority:

Tony reported that there is a potential battery recycling plant going into the industrial authority. He has a meeting tomorrow at 3pm to discuss their water needs further, to see if we will be able to supply them.

#### Cost of Living Increase:

CPI for last year was 6.5% if we do a cost of living raise we will have to do a budget amendment.

Motion made by Greg Nugent and seconded by Barry Rich to go into closed session to discuss personnel issues.

Motion made by Blake Aubrey and seconded by Greg Nugent to come out of closed session.

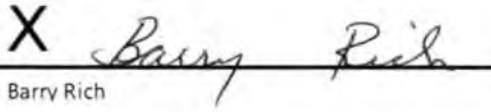
Motion made to give a cost of living increase of 4% by Barry Rich and seconded by Greg Nugent.

Unanimous. Motion carried.

Adjourn:

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

X   
Jimmy Mills

X   
Barry Rich

X   
Greg Nugent

X   
Jarrod Beatty

X   
Blake Aubrey

May 9<sup>th</sup>, 2023

ECWD

Present: Jimmy Mills, Barry Rich, Greg Nugent, Jarrod Beatty, Blake Aubrey, Tom Goff, Tony Sanders, Tim Brewster, Jeff Basham, Erica Wolfe

Minutes:

Motion made by Barry Rich and seconded by Blake Aubrey to dispense the reading of the minutes.  
Motion carried.

O&M Reports:

Brownsville-

Brownsville plant produced 32,916,000 gallons for the month of April, and had an unaccounted-for water loss of 35.75%. The plant appearance is good, reports have been filled out in a timely manner, housekeeping and maintenance have been done as required. Tim reported that the diver came and the farthest intake is about 60% covered in sand. It is operating at 1/3 capacity. The inner intake is covered in moss and algae. Tony suggested blowing off the intakes. Tim reported that using the air system will not help the removal of sand, but they have not tried it on the algae. Tim reported that more the increase in sand makes it harder on the pumps. Tim reported that the diver will come to the meeting on the 25<sup>th</sup> without charging. He has been doing work for us for the past 7-9 years and can give a historical report. Tony reported that meeting will be on held here at the office on May 25<sup>th</sup> at 9am.

Wax-

Wax plant produced 19,769,000 gallons for the month of April and had an unaccounted-for water loss of 33.08%. Plant appearance is good, housekeeping and maintenance have been completed as required, and the proper reports have been filled out. Tim reports that the raw water issues have been addressed. The big issue at Wax now is capacity and age of equipment. Tim reported that hopefully the schedule issues have been worked out since they have hired an additional employee.

Distribution-

The total water produced is 52,685,000 the total water loss is 31.79%. System appearance is good, and testing has been done as required. Two new employees have started. Jeff reports that we have a lot of locates to do every day. We are setting meters as often as we can. Jeff reports that the change out seems to be doing well. They did not work yesterday, and they've had one meter hung backwards.

#### Office-

For the month of April we had 11,319 customers. We took in 105 membership fees, 54 reconnect fees, and 24 tap fees. We have logged 1,182 phone calls and created 387 work orders. We are continuing to send out lead and copper surveys. Erica and Tony will be attending a meeting to discuss the Lead and Copper Inventory on Thursday.

#### Financial Reports:

Tony reported retail sales are up from last year, penalties are running pretty close, and interest income is up. For April coverage is down but there were some large purchases in April (property, meters, maintenance for Wax Plant).

Tony reported that sewer is paying for itself. Tony reported that we have sent in the last round of documents to the PSC and are awaiting the staff opinion.

#### Approval of Checks:

Motion made by G.N. and seconded by B.R. to approve the checks for April. Motion carried.

#### Intake Site:

Tony reported that he first offered \$45,000, but the owner did not accept the offer so he went up to \$50,000 per board recommendation. Motion made by Greg Nugent and seconded by Jarrod Beatty to sign and accept the purchase agreement. Motion carried. Tony mentioned that we may be able to do the closing at the next meeting.

#### Grayson County Assistance Agreement & Resolution:

Motion made by Jarrod Beatty and seconded by Greg Nugent to sign the grant assistance agreement and pass the resolution for Grayson County Cleaner Water #2. Motion carried.

#### Insurance Renewal:

The insurance renewal quote came in for property and liability it is \$50,787 for worker's compensation it is \$10,032, and for cyber security it is \$3,022 for a total annual cost of \$63,841. We hired an insurance consultant last year who advised us to not conduct the bidding process every year, Tony reports that he did budget for an increase. Tony recommends renewing the current policy. Motion made by Blake Aubrey and seconded by Jarrod Beatty to renew the insurance policies. Motion carried.

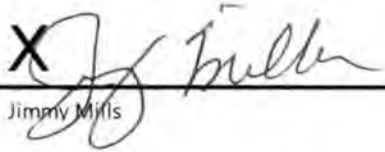


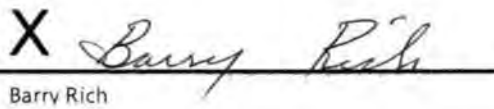
PSC Inspection:

Tony reported the PSC field inspector will be here tomorrow at 9am. All departments have their items together. Tony reports that it is the first time they have been here since before COVID. The board recommends showing the inspector our problem areas so they can be aware of the issues we are facing.

Adjourn:

Motion to adjourn the meeting made by Jarrod Beatty and seconded by Barry Rich. Meeting adjourned.

X   
Jimmy Mills

X   
Barry Rich

X   
Greg Nugent

X   
Jarrod Beatty

X   
Blake Aubrey

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility:

For the Month of:  Year:

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED AND PURCHASED</b>	
2	Water Produced	52,685,000
3	Water Purchased	
4	<b>TOTAL PRODUCED AND PURCHASED</b>	52,685,000
5		
6	<b>WATER SALES</b>	
7	Residential	30,707,000
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	2,686,000
12	Public Authorities	
13	Other Sales (explain)	
14	<b>TOTAL WATER SALES</b>	33,393,000
15		
16	<b>OTHER WATER USED</b>	
17	Utility and/or Water Treatment Plant	1,210,200
18	Wastewater Plant	
19	System Flushing	877,100
20	Fire Department	5,750
21	Other Usage (explain) <u>PUMPS</u>	450,000
22	<b>TOTAL OTHER WATER USED</b>	2,543,050
23		
24	<b>WATER LOSS</b>	
25	Tank Overflows	
26	Line Breaks	660,680
27	Line Leaks	16,088,270
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	<b>TOTAL WATER LOSS</b>	16,748,950
32		
33	<b>Note:</b> Line 14 + Line 22 + Line 31 <b>MUST</b> Equal Line 4	
34		
35	<b>WATER LOSS PERCENTAGE</b>	
36	(Line 31 divided by Line 4)	31.79%

# MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS:

TOTAL GALLONS PUMPED	<u>52685000</u>	GALLONS FLUSHED	<u>877100</u>
TOTAL GALLONS SOLD	<u>33393000</u>	NUMBER OF LEAKS	<u>        </u>
TOTAL GALLON LOSS	<u>19292000</u>	ESTIMATED GALLONS	<u>660680</u>
PERCENTAGE LOSS	<u>37%</u>	RIVER HILL PUMPS	<u>450000</u>
GALLONS ACCOUNTED FOR	<u>1987780</u>	TANK OVERFLOW	<u>        </u>
GALLONS UNACCOUNTED FOR	<u>17304220</u>	OTHER	<u>        </u>
		33%	

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 type="checkbox"/> FAIR	<input checked="" 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 type="checkbox"/> POOR	<input type="checkbox"/> FAIR	<input checked="" 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

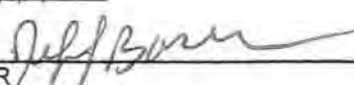
MATERIAL INVENTORY:

CHECKED & BALANCED       CHECKED & SOME GONE  
 NOT CHECKED

COMMENTS:

Still finding leaks from leak detection. Two  
New guys have started work both seem interested so  
far and doing good. setting meter every day we  
can locate right now is more than you could  
imagine. cable going in everywhere.

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

April  
  
 OPERATOR

5-8-23  
 DATE

# Edmonson Co Water District

## Monthly Water Loss Report

April 2023

Brownsville WTP

April-22 Totals

<b>A: Produced</b>		32.9160 MG		32.036 MG
<b>Purchased</b>		_____ MG		_____ MG
<b>Total</b>		32.9160 MG		32.036 MG
<b>Sold</b>	<i>Residential</i>	18.3660 MG		18.0627 MG
	<i>Wholesale</i>	2.2446 MG		2.410 MG
	<i>Wax WTP</i>	_____ MG		_____ MG
<b>Total Sold</b>		20.6106 MG		20.472 MG
<b>B: Difference</b>		12.305 MG		11.564 MG
<b>% Difference</b>		37.38%		36.10%
<b>Gallons Acctd For:</b>				
	<i>Breaks</i>	_____ MG		_____ MG
	<i>Hyd. Flushing</i>	_____ MG		_____ MG
	<i>Tank Overflow</i>	_____ MG		_____ MG
	<i>Plant Use</i>	0.5372 MG		0.417 MG
	<i>Fire Dept Use</i>	_____ MG		_____ MG
	<i>Adjustments +/-</i>	_____ MG		_____ MG
	<i>Other</i>	_____ MG		_____ MG
<b>C: Total Gallons Acctd For:</b>		0.5372 MG		0.417 MG
<b>Loss Unacctd for Water (B-C)</b>		11.768 MG		11.147 MG
<b>% Loss Unacctd for (B-C)/A</b>		35.75%		34.79%
<b>Gallons / Day (+/-)</b>		392,267		371,567
<b>Gallons / Minute (+/-)</b>		272		258

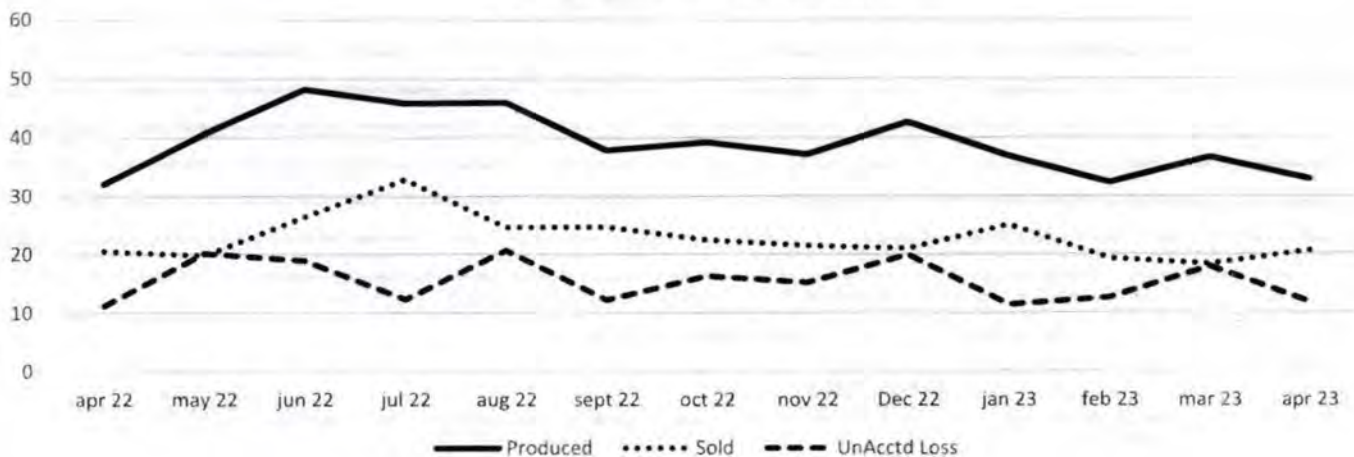
YTD Budget: 14% under

28.67 % Used ||

Past YTD: 42.77%

AVG YTD Loss: 38.53%

13 Mth Loss Rpt Bville WTP



## MONTHLY INSPECTION & REPORT FORM BROWNSVILLE TREATMENT PLANT

Gallons Pumped 32.916  
 Gallons Sold 20.611  
 Gallons Lost 11.768  
 Percentage Loss 35.75%  
 GPM Loss 272

Maximum Pumped 1.322  
 Minimum Pumped 0.817  
 Average Pumped 1.139

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

**Booster Station Conditions**

<u>_____</u> Poor	<u>_____</u> Fair	<u>_____</u> Good	<u>_____</u> Excellent
<i>Building &amp; Grounds</i>	<u>_____</u> Poor	<u>_____</u> Fair	<u>_____</u> Excellent
<i>Electrical &amp; Telemetry</i>	<u>_____</u> Poor	<u>_____</u> Fair	<u>_____</u> Excellent
<i>Piping and valves</i>	<u>_____</u> Poor	<u>_____</u> Fair	<u>_____</u> Excellent
<i>Pumps</i>	<u>_____</u> Poor	<u>_____</u> Fair	<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	<input checked="" type="checkbox"/> Good	<u>_____</u> Excellent
<i>Grounds</i>	<u>_____</u> Poor	<u>_____</u> Fair	<input checked="" type="checkbox"/> Good	<u>_____</u> Excellent
<i>Intake</i>	<u>_____</u> Poor	<u>_____</u> Fair	<input checked="" type="checkbox"/> Good	<u>_____</u> Excellent
<i>Road &amp; entrance</i>	<u>_____</u> Poor	<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 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  
 April 2023 and that it is accurate to the best of my ability.

*Tim Brewster*

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Operator \_\_\_\_\_ Date 5/8/2023

# Edmonson Co Water District

## Monthly Water Loss Report

Apr-23

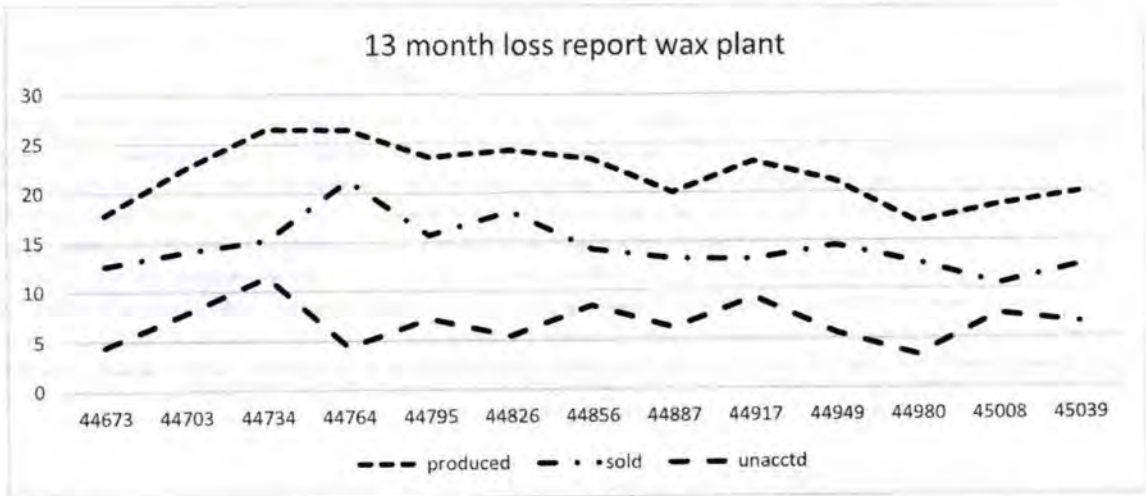
Wax WTP

Apr-22 Totals

<b>A:</b>	<b>Produced</b>	19.769 MG		
	<b>Purchased</b>	0.038 MG		17.769 MG
	<b>Total</b>	19.807 MG		MG
	<b>Sold</b>			17.769 MG
	<i>Residential</i>	12.341 MG		12.5360 MG
	<i>Wholesale</i>	0.240 MG		MG
		MG		MG
	<b>Total Sold</b>	12.581 MG		12.536 MG
<b>B:</b>	<b>Difference</b>	7.226 MG		5.226 MG
	<b>% Difference</b>	36.48%		29.41%
	<b>Gallons Acctd For:</b>			
	<i>Breaks</i>	MG		MG
	<i>Hyd. Flushing</i>	MG		MG
	<i>Tank Overflow</i>	MG		MG
	<i>Plant Use</i>	0.673 MG		0.806 MG
	<i>Fire Dept Use</i>	MG		MG
	<i>Adjustments +/-</i>	MG		MG
	<i>Other</i>	MG		MG
<b>C:</b>	<b>Total Gallons Acctd For:</b>	0.673 MG		0.806 MG
	<b>Loss Unacctd for Water (B-C)</b>	6.553 MG		4.420 MG
	<b>% Loss Unacctd for (B-C)/A</b>	33.08%		24.87%
	<b>Gallons / Day (+/-)</b>	218,433		147,349
	<b>Gallons / Minute (+/-)</b>	152		102

YTD Budget: \_\_\_\_\_ % Used || Past YTD: \_\_\_\_\_

AVG YTD Loss:



# MONTHLY INSPECTION & REPORT FORM

## wax treatment plant

Apr-23

Gallons Pumped	19.807	Maximum Pumped	803,100
Gallons Sold	12.581	Minimum Pumped	548,000
Gallons Lost	6.553	Average Pumped	658,950
Percentage Loss	33.08%	Gallons Accounted for	
GPM Loss	152	Tank Overflow	0
		Plant Use	0.874
		Computer Adj.	0
		Other	0
		Total	0.874

<b>Booster Station Conditions</b>		Poor	Fair	<u>  y  </u>	Good	Excellent
<i>Building &amp; Grounds</i>		Poor	Fair	<u>  y  </u>	Good	Excellent
<i>Electrical &amp; 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

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

<b>Treatment Plant Appearance</b>		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 &amp; 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 filled out</i>	<u>  y  </u>	Yes	No		Sometimes	

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

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

Comments

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With this report I certify that I have personally inspected the operation and maintenance for the month of  
 Apr-23 and that it is accurate to the best of my ability.

Operator chris graham 5-5-2023

Operator

Date

MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

Apr-23

<u>9748</u> payments received in office for the the month	
<u>1638</u> received from by mail	<u>16.80%</u> paid by mail
<u>294</u> received by walk in	<u>3.02%</u> paid by walk in
<u>74</u> received by credit card	<u>0.76%</u> paid by credit card
<u>2656</u> received from bankdraft	<u>27.25%</u> paid by bankdraft
<u>888</u> received from drive thru	<u>9.11%</u> paid by drive thru
<u>4004</u> received from online	<u>41.08%</u> paid online
<u>194</u> received from n.d	<u>1.99%</u> paid by n.d.
<u>44</u> was the most customers walk in payments received	<u>4/26/2023</u>
<u>105.00</u> Membership Fees Collected	<u>54.00</u> Reconnect Fees Collected
<u>24</u> Tap Fees Collected	

<u>11,319</u> Customer	<u>30,706,300</u> Total Gallons Sold	<u>\$ 305,526.73</u> \$ Amount
<u>2,244,600</u> Gals-City	<u>\$ 6,958.26</u> \$ Amount	<u>\$ 125,265.46</u> Online Amount

<u>1182</u> Phone Calls Logged	<u>387</u> Work Orders Prepared
Routes 1-10 Delinquent Notices mailed	<u>437</u>
<u>26</u> Customers Disconnected	<u>\$ 0.99</u>
<u>6</u> Rehung same day	Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	<u>306</u>
<u>14</u> Customers Disconnected	
<u>12</u> Rehung same day	

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

Apr-22

<u>57</u> Customers		Revenue Received
<u>305,000</u> Gallons Treated	<u>\$ 1,292.60</u> Cost	
<u>3100</u> Gallons Treated	<u>12.4</u> Cost	\$ 1,305.00
<u>Customers Disconnected</u>		

Comments:

Continuing to send out lead and copper surveys, customer service employee to return from leave next week.

  
SIGNATURE

5/3/23  
DATE

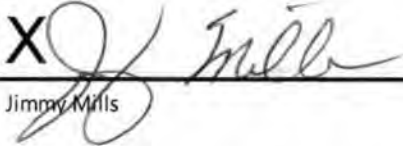


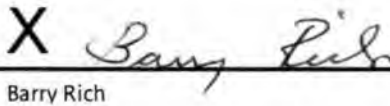
May 9, 2023

We have reviewed and approved the transactions for the month of April 2023 for the following accounts:

- 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)

The documents that have been reviewed are attached.

X   
Jimmy Mills

X   
Barry Rich

X   
Greg Nugent

X   
Jarrod Beatty

X   
Blake Aubrey

May 23<sup>rd</sup>, 2023

ECWD

Present: Barry Rich, Jimmy Mills, Greg Nugent, Jarrod Beatty, Blake Aubrey, Judge Executive Scott Lindsey, Tony Sanders, Tim Brewster, Jeff Basham, Erica Wolfe

Minutes:

Motion made by Barry Rich and seconded by Blake Aubrey to dispense the reading of the minutes.  
Motion carried.

Closed Session:

Motion made by Greg Nugent and seconded by Jarrod Beatty to go into closed session for personnel reasons.

Back in Session:

Motion made to go back into session by Blake Aubrey and seconded by Greg Nugent.

Motion made to suspend Chris Graham with pay until the grand jury meets, motion made by Blake Aubrey, and seconded by Greg Nugent.

Closing on Intake:

Motion made by Greg Nugent and seconded by Jarrod Beatty to allow Jimmy Mills and Barry Rich to sign the deed to purchase the property.

Cleaner Water #2:

Motion made by Barry Rich and seconded by Greg Nugent to allow Jimmy Mills and Barry Rich to sign the assistance agreements for Edmonson and Hart Counties.

Procurement Code:

Tony reported that the state has raised the amount from \$30,000 to \$40,000 for required advertising to change in June. Tony suggests ECWD change their policy to match the state's policy when it goes into effect.

Meeting with Corps:

The meeting is Thursday at 9am. The Corps is now saying that they will not be able to attend. Something has come up and they would like to discuss rescheduling. Dana Baxter with the Nature Conservancy would also like to reschedule because the Corps will not be able to be in attendance. Tony reported that he has been trying to get this meeting scheduled for approximately two months. Representatives from Sen. McConnell's office, Sen Paul's office, Rep Guthrie's office, and other state and county representatives plan on being in attendance. Tony reported that he has called WBKO, Edmonson News, Edmonson Voice, WNKY). Tony reported that on the agenda we have a report from the diver and Louis will also be here to give his perspective.

Emergency Management:

Tony reported that he has filed a claim with FEMA to get reimbursed for the March 1<sup>st</sup> storm. Anything that the insurance does not pay (such as any deductibles) should be picked up by FEMA.

Dredging:

No further updated on dredging other than a comment from the division of air quality.

Adjourn:

Motion made by Blake Aubrey and seconded by Barry Rich to adjourn the meeting. Meeting adjourned.

X *Jimmy Mills*

Jimmy Mills

X *Barry Rich*

Barry Rich

X *Greg Nugent*

Greg Nugent

X *Jarrold Beatty*

Jarrold Beatty

X

Blake Aubrey

June 13<sup>th</sup>, 2023

ECWD

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

Minutes:

Motion made by Greg Nugent and seconded by Jarrod Beatty to dispense the reading of the minutes.  
Motion carried.

O&M Reports:

Brownsville-

Brownsville plant produced 39.501 million gallons for the month of May. Their total unaccounted for water loss is 18.422 million gallons for a water loss of 46.64%. Tim Brewster reported that the plant appearance was good, reports were filled out in a timely manner, and maintenance has been completed as required. Tim reported that they have started feeding copper sulfate. The filter time went from about every eight hours to every thirty-five after adding the copper sulfate. The only issue with the copper sulfate is that it is expensive. Tim reported that about 1/3 of the lowest intake is showing. If we experience a drought, we may have to ask the Corps to release water or use the pump that was purchased by the Nature Conservancy.

Wax-

Wax Plant produced 23.289 million gallons for the month of May. The total unaccounted for water loss is 8.920 million gallons for a total loss of 38.18%. Nathan reported that testing and housekeeping have been completed as required, reports have been filled out as needed. Nathan reported that Wax Plant has been running around the clock since May 22<sup>nd</sup>. Nathan reported that they are having trouble getting the VFD and getting it put in.

Tony reported that we received the check from the insurance company for the storm damage minus the deductible and depreciation. Tony reported that he will be submitting the other expenses to FEMA in hopes of reimbursement.

Barry Rich reported that ECWD inform the Nature Conservancy about our additional expenses and see if they would be willing to contribute any additional funds.

Distribution-

The total water produced is 62.790 million gallons. The total unaccounted for water loss is 25.195 million gallons or 40%. Dylan reported that there were a lot of water leaks, blow outs, and hit lines in May.

There were a lot of locates to be done for phone/internet contractors. Dylan reported we are currently 2-3 months behind on new installs. Jeremiah is currently at CDL school. Dylan reported that the meter change outs are continuing. The new crew seems to be doing more than the last one, but they aren't working everyday due to their workload and high turnover.

Financial Report:

Retails sales are up from last year. We have made about \$100,000 more in revenue this year. Tony reported our bond coverage for the month is not good. We have had several extra expenses and are not meeting our coverage like we should. Tony reported that we are looking at filing a water rate case around the first of next year. We are currently \$8,956 over budget for the year. We also have \$200,000 in meters that have not came in or been paid for yet.

Bill Approval:

Motion made by Barry Rich and seconded by Jarrod Beatty to approve the bills for May. Motion carried.

Dredging:

Tony reported that he and Louis have gotten all the needed information together and will be submitting it for the next approval in the process.

Resolution:

The ECWD Board of Commissioners suggested that Tom write up a resolution stating that ECWD is in favor of building a dam to improve water levels at the intake on Green River.

Grayson County Line Extension:

Tony reported it does not seem that we will be getting any assistance from the legislature this year. Tony reported that he spoke with a representative from the DLG and they do not currently have any funding for a project of this nature. Tony reported with the 2025 call for KIA loans/grants they may be able to get funds that way. Tony also reported that Judge Henderson had mentioned Grayson County Fiscal Court may be willing to contribute to the line extension. Tony reported that he would talk to Judge Henderson before the next board meeting to get more details.

Water Line Extension Agreement- Hawkins Subdivision:

Tony reported that it is an 8-10 lot subdivision off Wax Plant. Under attorney advice motion made by Greg Nugent and seconded by Jarrod Beatty to allow Jimmy Mills to sign the line extension agreement.

Corps of Engineers/Nature Conservancy:

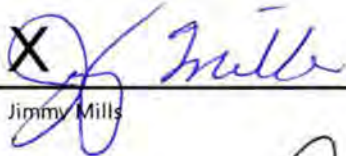
Tony reports there was an online meeting last week, they are going to do more studies of the river to help better explore potential solutions. Tony reported that everyone seems like they are trying to come to the table and work towards a solution. Greg Nugent mentioned the idea of a Wehr system.

Water Shortage Response Plan:

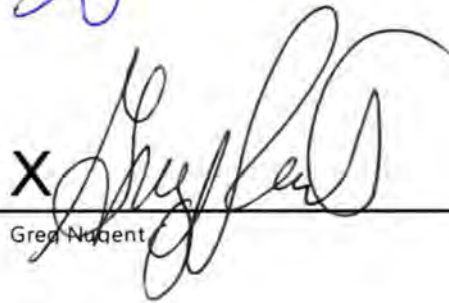
Tony reported that we have a water shortage plan that was approved by the PSC. It was made in 1989 but seems to be a thorough plan. Tony reports that he will have copies for all the board members to review at the next meeting.

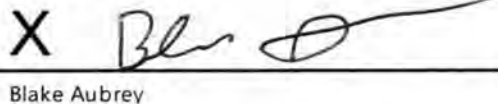
Adjourn:

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

X   
Jimmy Mills

X   
Barry Rich

X   
Greg Nugent

X   
Blake Aubrey

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility:

For the Month of:  Year:

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED AND PURCHASED</b>	
2	Water Produced	62,790,000
3	Water Purchased	75,500
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>62,865,500</b>
5		
6	<b>WATER SALES</b>	
7	Residential	30,262,700
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	2,819,700
12	Public Authorities	
13	Other Sales (explain) _____	
14	<b>TOTAL WATER SALES</b>	<b>33,082,400</b>
15		
16	<b>OTHER WATER USED</b>	
17	Utility and/or Water Treatment Plant	2,441,200
18	Wastewater Plant	
19	System Flushing	1,633,200
20	Fire Department	4,080
21	Other Usage (explain) <u>Pumps</u>	509,200
22	<b>TOTAL OTHER WATER USED</b>	<b>4,587,680</b>
23		
24	<b>WATER LOSS</b>	
25	Tank Overflows	
26	Line Breaks	3,658,100
27	Line Leaks	21,537,320
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	<b>TOTAL WATER LOSS</b>	<b>25,195,420</b>
32		
33	<b>Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4</b>	
34		
35	<b>WATER LOSS PERCENTAGE</b>	
36	(Line 31 divided by Line 4)	40.08%



# Edmonson Co Water District

## Monthly Water Loss Report

May 2023

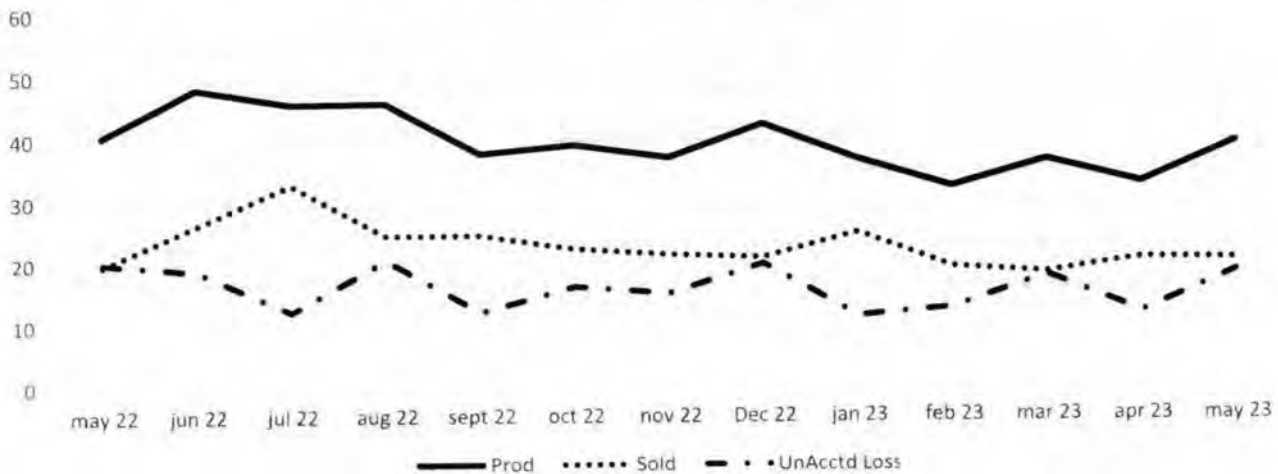
Brownsville WTP

		<u>May-22</u>	<u>Totals</u>
<b>A: Produced</b>		39.5010 MG	
<b>Purchased</b>		_____ MG	40.556 MG
<b>Total</b>		39.5010 MG	_____ MG
<b>Sold</b>	<i>Residential</i>	17.5927 MG	16.7761 MG
	<i>Wholesale</i>	2.8197 MG	2.969 MG
	<i>Wax WTP</i>	_____ MG	_____ MG
<b>Total Sold</b>		20.4124 MG	19.745 MG
<b>B: Difference</b>		19.089 MG	20.811 MG
<b>% Difference</b>		48.32%	51.31%
<b>Gallons Acctd For:</b>			
	<i>Breaks</i>	_____ MG	_____ MG
	<i>Hyd. Flushing</i>	_____ MG	_____ MG
	<i>Tank Overflow</i>	_____ MG	_____ MG
	<i>Plant Use</i>	0.6662 MG	0.069 MG
	<i>Fire Dept Use</i>	_____ MG	_____ MG
	<i>Adjustments +/-</i>	_____ MG	_____ MG
	<i>(Wax) Other</i>	_____ MG	_____ MG
<b>C: Total Gallons Acctd For:</b>		0.6662 MG	0.069 MG
<b>Loss Unacctd for Water (B-C)</b>		18.4224 MG	20.126 MG
<b>% Loss Unacctd for (B-C)/A</b>		46.64%	49.62%
<b>Gallons / Day (+/-)</b>		594,271	649,210
<b>Gallons / Minute (+/-)</b>		413	451

YTD Budget: \_\_\_\_\_ % Used || Past YTD: 44.14%

AVG YTD Loss: 40.15%

13 Mth Loss Rpt Bville WTP



## MONTHLY INSPECTION & REPORT FORM BROWNSVILLE TREATMENT PLANT

Gallons Pumped	39.501	Maximum Pumped	1.6910
Gallons Sold	20.412	Minimum Pumped	0.9120
Gallons Lost	18.422	Average Pumped	1.2740
Percentage Loss	46.64%	Gallons Accounted for:	
GPM Loss	413	Tank Overflow	0.000
		Plant Use	0.666
		Computer Adj.	0.000
		Other (WAX)	0.000
		<b>Total</b>	<b>0.666</b>

<b>Booster Station Conditions</b>	_____	_____	_____	_____
<i>Building &amp; Grounds</i>	_____	_____	_____	_____
<i>Electrical &amp; Telemetry</i>	_____	_____	_____	_____
<i>Piping and valves</i>	_____	_____	_____	_____
<i>Pumps</i>	_____	_____	_____	_____

<b>Tanks Conditions</b>	_____	_____	_____	_____
	_____	_____	_____	_____

<b>Site Condition</b>	_____	_____	_____	_____
<i>Evidence of overflow</i>	_____	_____	_____	_____

<b>Treatment Plant Appearance</b>	_____	_____	_____	_____
<i>Buildings</i>	_____	_____	_____	_____
<i>Grounds</i>	_____	_____	_____	_____
<i>Intake</i>	_____	_____	_____	_____
<i>Road &amp; entrance</i>	_____	_____	_____	_____

<i>Testing Done as required</i>	_____	_____	_____	_____
<i>Housekeeping as required</i>	_____	_____	_____	_____
<i>Mowing as required</i>	_____	_____	_____	_____
<i>Proper reports filled out</i>	_____	_____	_____	_____

<i>Equipment, pumps and etc. properly maintained</i>	_____	_____	_____
	_____	_____	_____

<i>Operator overseeing treatment</i>	_____	_____	_____
	_____	_____	_____

Comments:

5-31-2023 Started feeding CuSo4 - algeacide (EarthTek 5%) - results within 5 hrs.

Filter run times increased from 8-12 hrs to 30 hrs +

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With this report I certify that I have personally inspected the operation and maintenance for the month of  
 May 2023 and that it is accurate to the best of my knowledge.

*Tim Brewster* 6-12-2023

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Operator Date

# Edmonson Co Water District

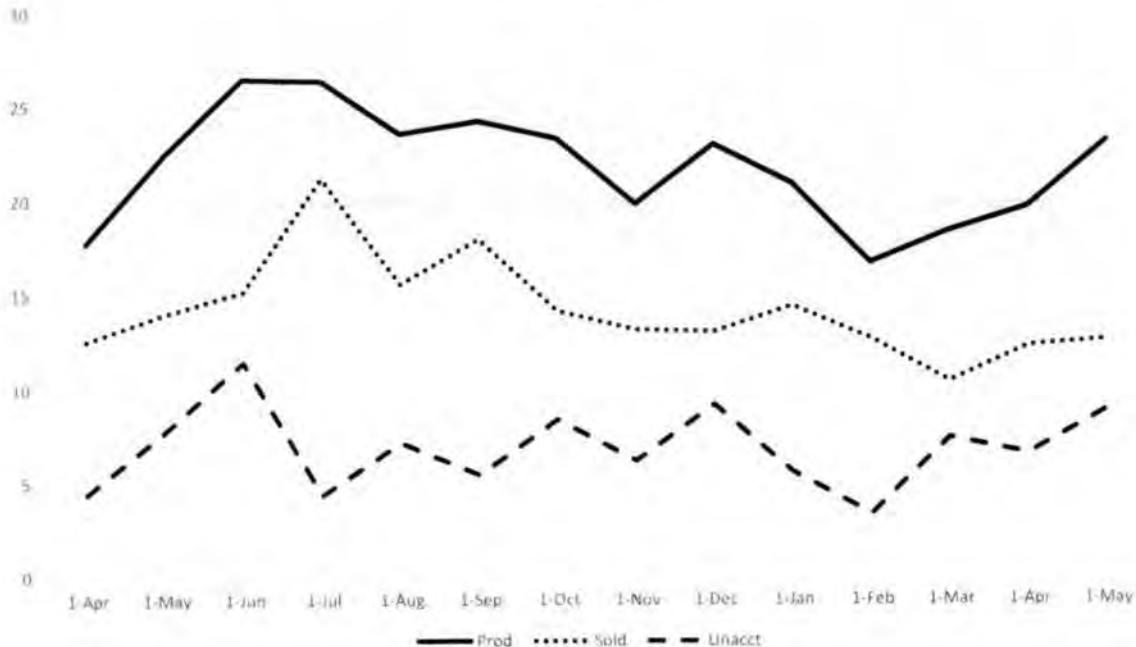
## Monthly Water Loss Report

		Wax	WTP
		May-23	May-22
			Totals
<b>A:</b>	Produced	23.289 MG	20.374 MG
	Purchased	0.0755 MG	MG
	<b>Total</b>	<b>23.365 MG</b>	<b>20.374 MG</b>
<b>Sold</b>	<i>Residential</i>	12.6700 MG	12.7410 MG
	<i>Wholesale</i>	MG	MG
		MG	MG
<b>Total Sold</b>	<b>12.670 MG</b>	<b>12.741 MG</b>	
<b>B:</b>	Difference	10.695 MG	7.633 MG
	% Difference	45.77%	37.46%
<b>Gallons Acctd For:</b>			
	<i>Breaks</i>	MG	MG
	<i>Hyd. Flushing</i>	MG	MG
	<i>Tank Overflow</i>	MG	MG
	<i>Plant Use</i>	1.775 MG	0.834 MG
	<i>Fire Dept Use</i>	MG	MG
	<i>Adjustments +/-</i>	MG	MG
	<i>Other</i>	MG	MG
<b>C:</b>	<b>Total Gallons Acctd For:</b>	1.775 MG	0.834 MG
	<b>Loss Unacctd for Water (B-C)</b>	<b>8.920 MG</b>	<b>6.799 MG</b>
	<b>% Loss Unacctd for (B-C)/A</b>	<b>38.18%</b>	<b>33.37%</b>
	Gallons / Day (+/-)	287,742	219,310
	Gallons / Minute (+/-)	200	152

YTD Budget: \_\_\_\_\_ % Used || Past YTD: 39.00%

AVG YTD Loss: \_\_\_\_\_

Wax May 2023



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

**May-23**

Gallons Pumped	<u>23.365</u>
Gallons Sold	<u>12.670</u>
Gallons Lost	<u>8.920</u>
Percentage Loss	<u>38.18%</u>
GPM Loss	<u>200</u>

Maximum Pumped	<u>0.8826</u>
Minimum Pumped	<u>0.6087</u>
Average Pumped	<u>0.7530</u>

Gallons Accounted for:	
Tank Overflow	<u>0</u>
Plant Use	<u>1.775</u>
Computer Adj.	<u>0</u>
Other	<u>0</u>
Total	<u>1.775</u>

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

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

<b>Treatment Plant Appearance</b>				
<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 &amp; 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	

<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

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With this report I certify that I have personally inspected the operation and maintenance for the month of  
May-23 and that it is accurate to the best of my ability.

<u>Nathan Taylor</u>	<u>06-05-23</u>
Operator	Date

MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

May-23

<u>10448</u> payments received in office for the the month	
<u>1959</u> received from by mail	<u>18.75%</u> paid by mail
<u>288</u> received by walk in	<u>2.76%</u> paid by walk in
<u>62</u> received by credit card	<u>0.59%</u> paid by credit card
<u>2651</u> received from bankdraft	<u>25.37%</u> paid by bankdraft
<u>944</u> received from drive thru	<u>9.04%</u> paid by drive thru
<u>4277</u> received from online	<u>40.94%</u> paid online
<u>267</u> received from n.d	<u>2.56%</u> paid by n.d.
<u>32</u> was the most customers walk in payments received	<u>5/30/2023</u>
<u>90.00</u> Membership Fees Collected	<u>62.00</u> Reconnect Fees Collected
<u>17</u> Tap Fees Collected	

<u>11,349</u> Customer	<u>31,193,500</u> Total Gallons Sold	<u>\$ 307,475.47</u> \$ Amount
<u>2,819,700</u> Gals-City	<u>\$ 8,741.07</u> \$ Amount	<u>\$ 136,860.50</u> Online Amount

<u>1382</u> Phone Calls Logged	<u>363</u> Work Orders Prepared
Routes 1-10 Delinquent Notices mailed	<u>577</u>
<u>26</u> Customers Disconnected	<u>\$ 0.99</u>
<u>6</u> Rehung same day	Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	<u>234</u>
<u>12</u> Customers Disconnected	
<u>7</u> Rehung same day	

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

May-22

<u>56</u> Customers	<u>Revenue Received</u>
<u>181,000</u> Gallons Treated	<u>\$ 796.60</u> Cost
<u>3900</u> Gallons Treated	<u>15.6</u> Cost      \$ 812.20
<u>0</u> Customers Disconnected	

Comments:

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SIGNATURE

6/9/23  
DATE

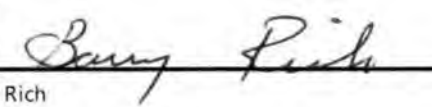
June 13, 2023

We have reviewed and approved the transactions for the month of May 2023 for the following accounts:

- 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)

The documents that have been reviewed are attached.

X   
Jimmy Mills

X   
Barry Rich

X   
Greg Nugent

X   
Jarrod Beatty

X  
\_\_\_\_\_  
Blake Aubrey

June 27th, 2023

ECWD

Present: Jimmy Mills, Barry Rich, Greg Nugent, Blake Aubrey, Scott Lindsey, Tony Sanders, Jeff Basham, Erica Wolfe, Tony Luttrell, Tom Goff

T. Luttrell Disconnect:

Mr. Luttrell reported that there was a squatter living in their property. This person was supposed to be paying the bill. Mr. Luttrell said that he had called before and asked if the bill was being paid and the customer service staff told him that it was being paid. He did not know that the person that had been staying there had stopped paying the bill. Mr. Luttrell is requesting that the reconnect fee be waived. Mr. Luttrell would like a better notification process prior to disconnection. He was told that we mailed out disconnect notices, we did three automated calls, and two in person calls the morning of disconnect trying to notify customers. Mr. Luttrell said the calls and letters go to his dad, he is elderly and is not always good about opening his mail and answering his phone. Mr. Luttrell stated that he was outside working right down the road from where the disconnect was done. He said that everyone knows him the water district employees could have stopped and notified him prior to disconnecting. Tony told Mr. Luttrell that although he knows him not all our employees would and it was not our practice to stop and notify customers before disconnecting. The board decided not to waive the fee. Mr. Luttrell disagreed but left the meeting.

Electric Outage/Storm:

Tony reported there should not have been any water outages on the southside of the river. Tony reported that there was no power at either plant there is no power at Wingfield or Kessinger Booster station. He stated that without power we could not see exactly how much water was in the tanks. Grayson County stayed in good shape. There were some outages and low pressure in Hart County and the north side of Edmonson County. Some customers were without water for about 3-4 hours. Tony stated that he would have liked to thank Jarrod in person. He was a big help obtaining generators from Nashville. We got generators for Wax Plant and Brownsville Plant and one at sleepy hollow pump station. Tony reported that we have applied for funding for 2 generators at Wax (one at the plant and one at the intake) and 1 for the intake at Brownsville Plant. Tony has been told it could take anywhere from six months to two years to get the funds for the generator purchase. Judge Exec Scott Lindsey stated that he would call Senator McConnell's office to see if they could speed up the funding for the generators. The board members asked Tony about an estimated cost on generators at all the pump stations. Tony said that for Rhoda and Fairview Pumps it would probably be around \$80-90,000 and for Big Windy, 88, and Sleepy Hollow it would be around \$30,000 each. Greg reported that he spoke with the other board members and they would like for us to get a quote on a Generac Generator for the office so that the office employees will be able to work when the power is out, and so the phones will continue to work

during electric outages. Motion made by Blake Aubrey and seconded by Greg Nugent to get quotes for a generator for the office.

Procurement Code:

Motion made by Greg Nugent and seconded by Blake Aubrey to change ECWD's procurement code to match the state procurement code, that will change the current required advertising amount from \$30,000 to \$40,000. We will still be required to get bids, but will not be required to advertise below \$40,000. All purchases over \$20,000 will still require board approval. Motion carried.

Grayson County Line Extension:

Tony reported that he spoke with Grayson County Judge Executive Kevin Henderson and told him ECWD would likely not get any funds from the Kentucky state government for the line extension. Representative Michael Meredith stated that he could try and get it in the budget for next year. Judge Henderson stated that Grayson County Fiscal Court would probably be willing to contribute. Once he gets back from Montana, he will discuss the matter at Fiscal court and get back with Tony. Blake asked if the extension could be included with the KY HWY 259 Relocation Project, Tony said that project had already gotten necessary approvals and been bid and the extension could not be included in that project.

Cleaner Water/ARPA Funds:

Judge Lindsey reiterated that the ARPA funds must be under contract by the end of 2024 and spent by 2026. Tony said that the cleaner water funds are on the same timeline. Judge Lindsey stated we probably need to keep following up on the funding to make sure everything is on track to be funded in time. If the timelines are not met the ARPA funds will be lost.

FEMA Meeting:

Tony reports that at 11am on Thursday he has an onsite meeting with FEMA regarding the March storms. He is hoping to get reimbursements for expenses from that storm. Tony reported we are waiting to see if these recent storms are declared a state of emergency and it is possible that some of those expenses could be reimbursable.

New Employee:

There is a new employee starting next week for the Distribution crew.

Suspended Employee:

There is no update on the status of this, Tony reports that the grand jury is supposed to meet on Thursday but he is not sure if this case is on the docket.



Sewer Rate Case:

Tony reported that the staff report came in, and the staff report recommends recovering full depreciation. We recommended getting  $\frac{1}{4}$  depreciation the first year and  $\frac{1}{2}$  the following year. The staff recommendation is  $\frac{1}{2}$  the first year and full the second year. Tony reported that he spoke with Alan Villines who prepared a statement expressing ECWD's disagreement with the staff report. Alan will discuss the poverty level in the district and the undue hardship it will place on the customers. Tom recommends filing the response that Alan drafted. Motion made by Barry Rich and seconded by Greg Nugent to file Alan's response and oppose the suggested rates.

Adjourn:

Motion made by Barry Rich and seconded by Jimmy Mills to adjourn. Meeting adjourned.

X

Jimmy Mills

X

Barry Rich

X

Greg Nugent

X

Jarrod Beatty

July 13<sup>th</sup>, 2023

Present: Jimmy Mills, Barry Rich, Blake Aubrey, Greg Nugent, Tony Sanders, Jeff Basham, and Erica Wolfe

Minutes:

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

O&M Reports:

Brownsville has an unaccounted water loss of 35% for June, Wax has a loss of 1.5%, Distribution shows a total unaccounted for water loss of 21%. Jeff reports that locates have really been putting distribution behind. Tony stated that he has spoke with Steffan about getting locates called in so that we can start doing more installs next week when Dylan gets back. Right now, we do not have enough materials to complete all the pending installs we will get quotes requested to open at the next board meeting.

Notice of Violation:

Tony reports that we have exceeded our limit on turbidity. Cryptosporidium was pulled in 2014 and the results from those samples put us in a different sampling class. Our limit was lowered from .30 to .15. we were not notified of the change; therefore, we had two months of noncompliance. April and May. Brownsville had issues keeping the .15 due to algae. Brownsville has been able to address the issue and is now in compliance. Wax is going to have more trouble meeting that standard consistently. The compliance department with the Division of Water has been at Brownsville. They will be coming back on Monday to check the filter. Both plants met the standard for the month of June so we are not in violation for that month. After completing up at Brownsville compliance will then go to Wax Water Treatment Plant.

It is a Tier II violation so we must notify customers by mail within 30 days. Tony reported that Erica has been in contact with our billing company, and it will be around \$10,000 to mail both pages of the first round. Tony reported that the violations are on a point system, if we get another violation we may have to go to Frankfort and/or pay a fine. Tony reported that Tim is trying to get approval from the Division of Water to start feeding copper sulfates at Wax Plant.

HVAC:

Tony reported the estimate to repair the unit in the conference room is \$2,675, Tony was told it would likely be over \$10,000 to replace the unit. Tony stated if the replacement comes in that high, he will proceed with getting the unit repaired.

Fence Repair at South End:

Tony reported that one of our distribution guys had the truck and boring rig and he lost traction and hit a gate. It messed up the gate and the opener. The customer sent in a copy of his receipts he paid \$545.10 on materials for the opener and \$230.46 on the gate for a total of \$775.56. Our insurance deductible is \$1,000. Motion made by Barry Rich and seconded by Blake Aubrey to reimburse the customer for the materials.

#### Office Generator:

Tony reported that he has requested quotes for a generator for the office. He was told we will need a 40 or 50 KW with a 400 amp disconnect. A cummings 50w was quoted for just under \$40,000. Tony reported that Toby has been here and he is working on getting a quote together. Tony has also contacted R&R about giving us a quote. Blake also suggested contacting Blanton's Electric for a quote.

#### Wax Employee:

Tony reported that Nathan will be leaving in August or September. When Nathan leaves, we will not have a licensed operator at Wax.

Motion made by Greg Nugent and seconded by Blake Aubrey to go into closed session for personnel reasons. Motion made by Blake Aubrey and seconded by Barry Rich to come out of closed session.

#### Cleaner Water:

Tony reports that there has not been much change on the cleaner projects. He has reached out to the BRADD office. Tony is going to check on starting the design of the projects using ARPA funds. He is also going to reach out to the Judge Executive's to discuss. Tony also reported that he was going to invite Grayson County Judge Executive Henderson to the next board meeting.

#### Financial Report:

Tony reports that our coverage is still good for the year, but we are about \$40,000 over budget for the year. There are also several bills from Brooks Motor that need to be paid and we are still waiting to receive meters which we will have to pay for.

Motion made by Barry Rich and seconded by Greg Nugent to approve the bills. Motion carried.

#### Dredging:

Tony reported that the Corps of Engineers have approved the permit to dredge. We would have to coordinate with the Division of Water to hold up the water level while we dredge. Tony reported that we will still need the shoreline permit and we will have to do studies after the dredging to see potential impacts

#### FEMA:

Tony reports that he is working on trying to get reimbursement from FEMA for the storms in March. Emergency management will be on site Friday to assist with paperwork.

#### Paradise Grove:

A new twenty lot subdivision is going in. Per Tom's guidance we cannot deny them service. Motion made by Blake Aubrey to accept the subdivision, seconded by Jimmy Mills. Paperwork signed. Motion carried.

#### Customer Complaint:

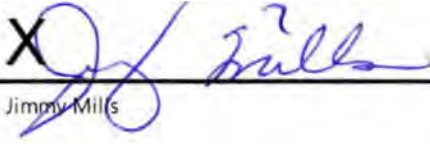
Angela Graham reports that after her meter was changed out and it caused her toilet to start running. She is asking that we fix her toilet. Per tariff the water district is not responsible for things like that that happen during routine maintenance. No action taken.

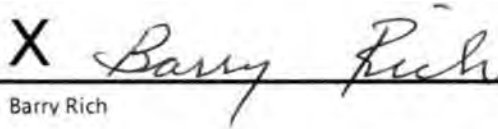
Life Insurance:

Motion made by Blake Aubrey to cancel the life insurance on the commissioners, seconded by Greg Nugent. Opposed by Barry Rich and Jimmy Mills. Motion fails. Blake Aubrey and Greg Nugent to opt out of life insurance benefits.

Adjourn:

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

X   
Jimmy Mills

X   
Barry Rich

X   
Greg Nugent

X   
Blake Aubrey

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility:

For the Month of:  Year:

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED AND PURCHASED</b>	
2	Water Produced	65.461
3	Water Purchased	0.575
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>66.036</b>
5		
6	<b>WATER SALES</b>	
7	Residential	45.46
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	2.599
12	Public Authorities	
13	Other Sales (explain)	
14	<b>TOTAL WATER SALES</b>	<b>48.059</b>
15		
16	<b>OTHER WATER USED</b>	
17	Utility and/or Water Treatment Plant	2.387
18	Wastewater Plant	
19	System Flushing	1.581
20	Fire Department	
21	Other Usage (explain) Pumps	0.47
22	<b>TOTAL OTHER WATER USED</b>	<b>4.438</b>
23		
24	<b>WATER LOSS</b>	
25	Tank Overflows	
26	Line Breaks	1.1
27	Line Leaks	12.439
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	<b>TOTAL WATER LOSS</b>	<b>13.539</b>
32		
33	<b>Note:</b> Line 14 + Line 22 + Line 31 <b>MUST</b> Equal Line 4	
34		
35	<b>WATER LOSS PERCENTAGE</b>	
36	(Line 31 divided by Line 4)	0.205024532

# MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS:

TOTAL GALLONS PUMPED	<u>66,036,000</u>	GALLONS FLUSHED	<u>1,581,000</u>
TOTAL GALLONS SOLD	<u>48,059,000</u>	NUMBER OF LEAKS	<u>19</u>
TOTAL GALLON LOSS	<u>17,977,000</u>	ESTIMATED GALLONS	<u>1,100,000</u>
PERCENTAGE LOSS	<u>28%</u>	RIVER HILL PUMPS	<u>470,000</u>
GALLONS ACCOUNTED FOR	<u>21,151,000</u>	TANK OVERFLOW	<u>0</u>
GALLONS UNACCOUNTED FOR	<u>14,826,000</u>	OTHER	<u>0</u>
	<u>23%</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 type="checkbox"/> FAIR	<input checked="" 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 type="checkbox"/> POOR	<input type="checkbox"/> FAIR	<input checked="" 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:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

OPERATOR *[Signature]*

DATE 7-16-23

# Edmonson Co Water District

## Monthly Water Loss Report

June 2023

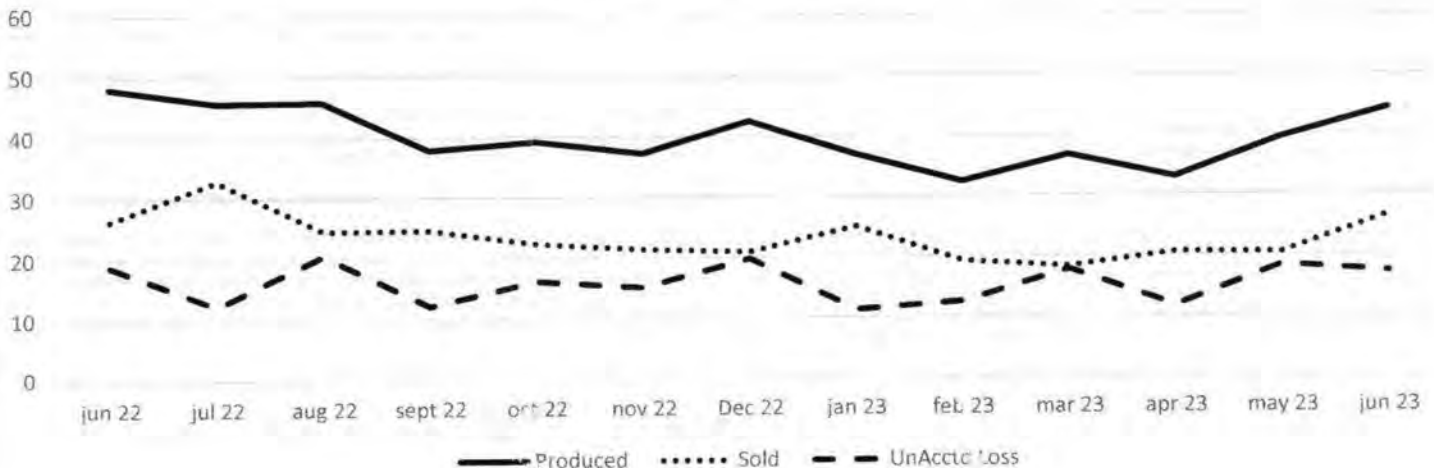
Brownsville WTP

		<u>June-22</u>	<u>Totals</u>
<b>A: Produced</b>			
	Purchased	44.3590 MG	48.128 MG
	Total	44.3590 MG	48.128 MG
<b>Sold</b>	Residential	23.9731 MG	23.5278 MG
	Wholesale to City	2.4900 MG	2.840 MG
	Total Sold	26.4631 MG	26.3674 MG
		MG	MG
<b>B: Difference</b>		17.8959 MG	21.761 MG
<b>% Difference</b>		40.34%	45.21%
<b>Gallons Acctd For:</b>			
	Breaks	MG	MG
	Hyd. Flushing	MG	MG
	Tank Overflow	MG	MG
	Plant Use	0.6911 MG	0.6093 MG
	Fire Dept Use	MG	MG
	Adjustments +/-	MG	MG
	Other (Wax)	1.2865 MG	2.2680 MG
<b>C: Total Gallons Acctd For:</b>		1.9776 MG	2.8773 MG
<b>Loss Unacctd for Water (B-C)</b>		15.9183 MG	18.8833 MG
<b>% Loss Unacctd for (B-C)/A</b>		35.89%	39.24%
<b>Gallons / Day (+/-)</b>		530,610	629,443
<b>Gallons / Minute (+/-)</b>		368	437

YTD Budget: \_\_\_\_\_ % Used || Past YTD: 43.32%

AVG YTD Loss: 39.92%

13 Mth Loss Rpt Bville WTP



# MONTHLY INSPECTION & REPORT FORM BROWNSVILLE TREATMENT PLANT

Gallons Pumped	<u>44.3590</u>
Gallons Sold	<u>26.4631</u>
Gallons Lost	<u>15.9183</u>
Percentage Loss	<u>35.89%</u>
GPM Loss	<u>368</u>

Maximum Pumped	<u>2.002</u>
Minimum Pumped	<u>1.025</u>
Average Pumped	<u>1.4930</u>

Gallons Accounted for:	
Tank Overflow	<u>0.000</u>
Plant Use	<u>0.6911</u>
Computer Adj.	<u>0.000</u>
Other (Wax)	<u>1.287</u>
<b>Total</b>	<b><u>1.9776</u></b>

**Booster Station Conditions**

	<u>        </u> Poor	<u>        </u> Fair	<u>        </u> Good	<u>        </u> Excellent
<i>Building &amp; Grounds</i>	<u>        </u> Poor	<u>        </u> Fair	<u>        </u> Good	<u>        </u> Excellent
<i>Electrical &amp; 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 &amp; 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	

*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:

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With this report I certify that I have personally inspected the operation and maintenance for the month of  
June 2023 and that it is accurate to the best of my knowledge.

*Tim Brewster*

Operator

7/9/2022

Date



# Monthly Water Loss Report

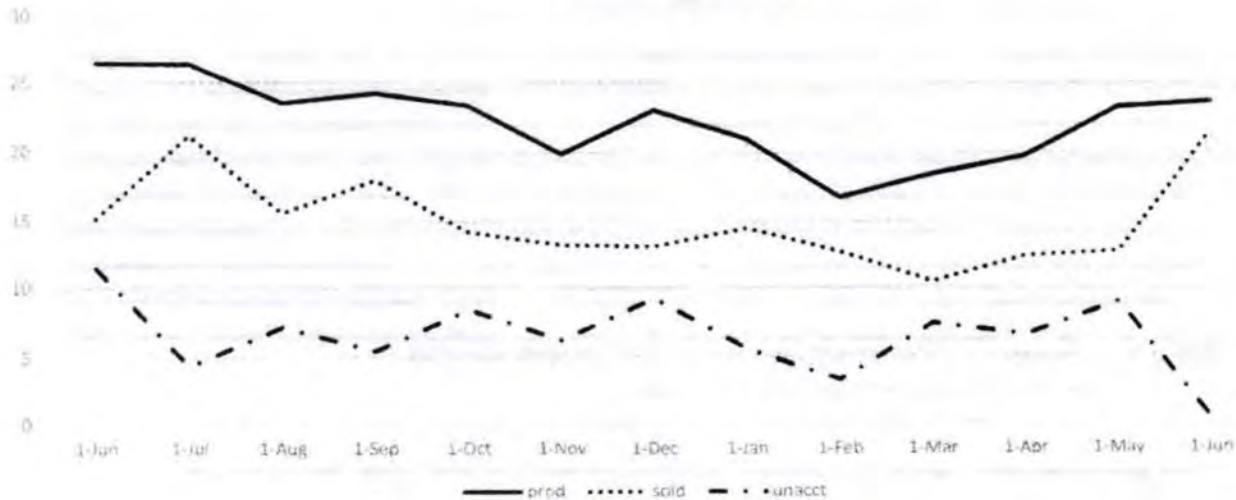
Jun-23		Jun-22	WTP
		<b>Totals</b>	
<b>A:</b>	<b>Produced</b>	21.800 MG	24.361 MG
	<b>Purchased</b>	1.862 MG	2.268 MG
	<b>Total</b>	23.662 MG	26.629 MG
	<b>Sold Residential</b>	21.487 MG	15.1810 MG
	<b>Wholesale</b>	0.109 MG	MG
		0.000 MG	MG
	<b>Total Sold</b>	21.596 MG	15.181 MG
<b>B:</b>	<b>Difference</b>	2.066 MG	11.448 MG
	<b>% Difference</b>	8.70%	42.99%
<b>Gallons Acctd For:</b>			
	<i>Breaks</i>	MG	MG
	<i>Hyd. Flushing</i>	MG	MG
	<i>Tank Overflow</i>	MG	MG
	<i>Plant Use</i>	1.696 MG	0.787 MG
	<i>Fire Dept Use</i>	MG	MG
	<i>Adjustments +/-</i>	MG	MG
	<i>Other</i>	MG	MG
<b>C:</b>	<b>Total Gallons Acctd F</b>	1.696 MG	0.787 MG
	<b>Loss Unacctd for Wa</b>	0.370 MG	10.661 MG
	<b>% Loss Unacctd for (l</b>	1.50%	40.04%
	<b>Gallons / Day (+ / -</b>	12,333	355370
	<b>Gallons / Minute (+</b>	39	247

YTD Budget: \_\_\_\_\_ % Used

Past YTD: \_\_\_\_\_

AVG YTD Loss: \_\_\_\_\_

13 mth loss rpt wax wtp



wax treatment plant

Feb-21

Gallons Pumped 23.662  
 Gallons Sold 21.596  
 Gallons Lost 0.370  
 Percentage Loss 1.50%  
 GPM Loss 39

Maximum Pumped 0  
 Minimum Pumped 0  
 Average Pumped 0

Gallons Accounted for:  
 Tank Overflow 0  
 Plant Use 0.000  
 Computer Adj. 0  
 Other 0  
 Total 0.000

**Booster Station Conditions**  
 \_\_\_\_\_ Poor \_\_\_\_\_ Fair y Good \_\_\_\_\_ Excellent  
*Building & Grounds* \_\_\_\_\_ Poor \_\_\_\_\_ Fair y Good \_\_\_\_\_ Excellent  
*Electrical & Telemetry* \_\_\_\_\_ Poor \_\_\_\_\_ Fair y Good \_\_\_\_\_ Excellent  
*Piping and valves* \_\_\_\_\_ Poor \_\_\_\_\_ Fair y Good \_\_\_\_\_ Excellent  
*Pumps* \_\_\_\_\_ Poor \_\_\_\_\_ Fair y Good \_\_\_\_\_ Excellent

**Tanks Conditions** \_\_\_\_\_ Poor \_\_\_\_\_ Fair y Good \_\_\_\_\_ Excellent

**Site Condition** \_\_\_\_\_ Poor \_\_\_\_\_ Fair y Good \_\_\_\_\_ Excellent  
*Evidence of overflow* \_\_\_\_\_ Yes \_\_\_\_\_ No

**Treatment Plant Appearance**  
*Buildings* \_\_\_\_\_ Poor \_\_\_\_\_ Fair y Good \_\_\_\_\_ Excellent  
*Grounds* \_\_\_\_\_ Poor \_\_\_\_\_ Fair y Good \_\_\_\_\_ Excellent  
*Intake* \_\_\_\_\_ Poor \_\_\_\_\_ Fair y Good \_\_\_\_\_ Excellent  
*Road & entrance* \_\_\_\_\_ Poor \_\_\_\_\_ Fair y Good \_\_\_\_\_ 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

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

With this report I certify that I have personally inspected the operation and maintenance for the month of  
 Jun-23 and that it is accurate to the best of my ability.

\_\_\_\_\_  
 Operator Date  
 \_\_\_\_\_  
 Operator Date

MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

Jun-23

<u>10282</u> payments received in office for the the month	<u>17.35%</u> paid by mail
<u>1784</u> received from by mail	<u>2.72%</u> paid by walk in
<u>280</u> received by walk in	<u>0.72%</u> paid by credit card
<u>74</u> received by credit card	<u>26.14%</u> paid by bankdraft
<u>2688</u> received from bankdraft	<u>8.73%</u> paid by drive thru
<u>898</u> received from drive thru	<u>42.94%</u> paid online
<u>4415</u> received from online	<u>1.39%</u> paid by n.d.
<u>143</u> received from n.d	<u>6/27/2023</u>
<u>59</u> was the most customers walk in payments received	<u>60.00</u> Reconnect Fees Collected
<u>101.00</u> Membership Fees Collected	
<u>14</u> Tap Fees Collected	

<u>11,379</u> Customer	<u>45,469,200</u> Total Gallons Sold	<u>\$ 384,657.26</u> \$ Amount
<u>2,490,000</u> Gals-City	<u>\$ 7,719.00</u> \$ Amount	<u>\$ 158,650.70</u> Online Amount

<u>1830</u> Phone Calls Logged	<u>389</u> Work Orders Prepared
Routes 1-10 Delinquent Notices mailed	<u>488</u>
<u>26</u> Customers Disconnected	<u>\$ 0.85</u>
<u>14</u> Rehung same day	Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	<u>258</u>
<u>14</u> Customers Disconnected	
<u>2</u> Rehung same day	

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

Jun-23

<u>57</u> Customers	<u>Revenue Received</u>
<u>280,000</u> Gallons Treated	<u>\$ 1,192.60</u> Cost
<u>3900</u> Gallons Treated	<u>\$ 15.60</u> Cost
<u>0</u> Customers Disconnected	\$ 1,208.20

Comments:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

*Encarnelle*  
 SIGNATURE

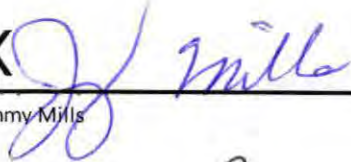
7/7/23  
 DATE

July 11, 2023

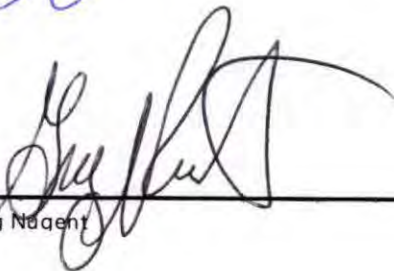
We have reviewed and approved the transactions for the month of June 2023 for the following accounts:

- 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)

The documents that have been reviewed are attached.

X   
Jimmy Mills

X   
Barry Rich

X   
Greg Nugent

X  
Jarrod Beatty

X   
Blake Aubrey

July 25<sup>th</sup>, 2023

Present: Jimmy Mills, Barry Rich, Blake Aubrey, Jarrod Beatty, Greg Nugent, Tom Goff, Dylan Hazelwood, Jeff Basham, Erica Wolfe, Brian Decker

Minutes:

Motion made by Barry Rich and seconded by Jarrod Beatty to dispense the reading of the minutes.  
Motion carried.

Grayson County Line Extension:

Tony reported he spoke with Representative Meredith, Senator Gipson's office, and KIA. It does not look like we will be able to get funding from them this year. Tony reported that he has spoken with Judge Henderson and Grayson County Fiscal Court may be willing to contribute to the project. The extension will consist of 1,400 feet of 6-inch line and a booster pump station. The estimated cost including engineering and contingency for the line and pump station is approximately \$1 million. Representative Meredith stated that he could try and get funding for the project next year. Tony reported that he was going to see if some of the county ARPA funds could be used for design. A commissioner suggested borrowing the money. Tony reported that if we borrow money for the project, it will also be a slow process that will have to get approved by the PSC. It was suggested that ECWD apply for the Grayson County Healthcare Foundation Grant. The health and wellness of citizens of Grayson County is directly impacted by this project. The commissioners suggested looking into the cost of just the design to see if we could get funding to at least start design. They also suggested looking into short term loans that may not require PSC approval.

Rate Increase:

The board discussed the need for a rate increase. Tony said that he would talk to KRWA and see about when we could get the rate case started. The board mentioned wanting to change the reconnect fee amount and potentially charge a disconnect and a reconnect fee.

Closed Session

Motion made by Greg Nugent and seconded by Jimmy Mills to go into closed session for personnel reasons.

Motion made by Blake Aubrey and seconded by Greg Nugent to come out of closed session.

Dredging at the Intake at Wax:

Tony passed out the official letter we got from the Corps of Engineers stating that they would not hold up the water level this year. The engineering proposal to write up specs and bid documents and advertise is \$10,000 to be billed monthly. We have received the permit from the Corps to dredge. The area permitted is 1,000ft X 200 ft and is 8ft deep. Tony reports that he has put in an earmark with Guthrie's office, if we get this grant, we would still have to pay 20% of the cost.

Barry Rich reported that he was opposed to dredging he thinks that it will fill back in and is a waste of funds. Jimmy Mills reported that he was concerned about the financial impact on the water district.

Motion made by Barry Rich to not spend any more money on pursuing dredging, seconded by Jimmy Mills. Blake Aubrey stated that he would like us to reference the master plan where they held up the water for the marina when we write a letter informing the Corps that we would not be pursuing dredging at this time. Vote held, unanimous, motion carried.

#### Nature Conservancy Meeting:

Tony reported that they are doing a bathometric study at the river. Tony reported that they have been working there the last few days. The Corps of Engineers stated that they are trying to get the project handled through them, as they will likely be able to get the funding and permitting more efficiently.

#### HVAC:

Tony reports that he is proceeding with repair instead of replacement due to the cost.

#### Generators:

Tony got a quote from Gardeners for a 40kw it is \$36,000 for a 50kw it is \$39,000. It will be approximately \$1,500 more to get it set up with our internet. Toby quoted a 60kw for \$45,000. Tony has not heard back from R&R regarding a quote. Tony stated that he would reach out to Troy Blanton for a third quote.

#### FEMA:

The roof repair has been done and we are still waiting to get the gutters repaired. There is a tree down at Rhoda pump station and we are waiting on a quote for that.

#### Materials Bid:

Core and Main had the lowest bid at \$35,119.45. Motion made by Barry Rich and seconded by Greg Nugent to purchase materials. Motion carried.

Distribution:

The distribution crew is behind on new meter installations. Tony stated only about 8 or 9 of the new installs are short (or on the same side of the road) on the long ones ECWD could do the boring and mark the line and we could hire contractors to set the meters. The board agrees to hire contractors to set meters. Motion made by Jarrod Beatty and seconded by Blake Aubrey to advertise for bids to contract out some new installs. If the bids are not acceptable, we can always reject them. Motion carried. The ECWD crew would also do an inspection of the install when we go out to GPS it.

Tony stated if he could get it in the paper by noon on Friday, we could open them the Wednesday after the next board meeting. Motion made by Blake Aubrey and seconded by Greg Nugent to set a special meeting on Wednesday August 9<sup>th</sup> and cancel the August 8<sup>th</sup> meeting. Motion carried.

Wax Plant:

Tony reported that he reached out to a previous interviewee that had treatment experience and he has put an ad out for an experienced operator.

Generators:

Brian expressed concerns about not having generators at the treatment plants and pump stations. Tony stated that we have funds committed for 1 generator at Wax Treatment Plant and 1 at Brownsville Treatment Plant Intake. Tony reports that he has applied for funding for generators at Sleepy Hollow and 88. Tony reported that he spoke with a company and they came around and looked at our pump stations. They said that they could get us generators and if we needed it, they could have them to us in an hour and a half.

Telecommunications:

Tony reported that Cameron is putting in broadband in the Wax/Peonia area. He would like to mount 4 antennas to the North, South, East, and West. He would like to lease the area for \$100/month. He will get together his insurance paperwork and draw up a potential contract. Motion made to consider this after the documentation is received by Blake Aubrey seconded by Barry Rich. Motion carried.

Nov:

Tony reports that he has notified Green River Valley and the City of Brownsville about the NOV. We will get the letters mailed out and post the notices in public places. The Division of Water has been to Wax and they will be coming back out.

Adjourn:

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

X

Jimmy Mills

*Jimmy Mills*

X

Barry Rich

*Barry Rich*

X

Greg Nugent

*Greg Nugent*

X

Jarrold Beatty

*Jarrold Beatty*

X

Blake Aubrey

*Blake Aubrey*



August 9<sup>th</sup>, 2023

ECWD

Present: Jimmy Mills, Barry Rich, Greg Nugent, Blake Aubrey, Jarrod Beatty, Jeff Basham, Tony Sanders, Tim Brewster, Dylan Hazelwood, Nathan Taylor, Erica Wolfe, Brian Decker, Kelly with Green River Commercial Diving, Tom Goff

Minutes:

Motion made by Barry Rich and seconded by Jarrod Beatty to dispense the reading of the minutes.  
Motion carried.

Diving Report:

Kelly reported that last week on Monday he did an inspection at Wax intake and checked for leaks on the air line. He reported that the bottom intake was covered in about 5ft of mud with about 6-8 inches of that being silty mud. He reported that our airline has several leaks on the last 12ft. Kelly reported that in his opinion we need to replace the airline going to the shore.

Kelly reported that if he replaced the airline, it would likely be a several day job. He would have to dredge off some of the mud prior to the repair. He would recommend doing the work in October when the draw down happens. He said we may not have to remove the old line just place a new one beside the old one.

Kelly reported that he also did work at Brownsville plant, there were trees on both intakes and a build up of algae. He got the trees off and cleaned off the algae. He reported the bottom intake is up out of the sand for right now. Kelly reported that they cut the trees off the intakes but he does not feel that they would need to be removed unless the water level dropped.

Dredging Letter for Corps of Engineers:

Tony Sanders read the letters he prepared per the request of the board. Kylie Foushee says that we will not qualify for funding because we have not received all permits and approvals, committee has thrown it out. The only option would be to obtain all permits and approvals and apply again next year for a funding date of 2025. Tony reported that he has concerns and he isn't sure if we will have water or not if we don't dredge but he is concerned about it. We were able to get by the last year before they decided to hold the level because there were a few big rain events.

The board suggested copying all the senators and representatives on the letter to the Corps. If we did dredge, we would need to do it around November and the Corps would have to hold the water levels for

that process as well. It would be a two-to-three-month process. The board requested that Tom write a cover letter.

Tony asked if the board would like to send a letter stating that ECWD would apply for funding next year.

Barry reported that he is against adding that. It is a waste of funds and the water district's time to pursue additional funding when we need to be pursuing funding for the new water treatment plant.

The quote for the dredging from last year was \$540,000 but that price likely changed since then. For Louis to draw up the specs and handle the bidding process it will be \$10,000.

Blake asked what the plan was if we do run out of water at the intake. Tim Brewster responding in an emergency allied pump could put in a submersible pump. We have discussed using them before, they told us they could have us up and going within 24-48 hours, but this was during summer pool.

Tony reported that he will do whatever the board wants to do he just needs to know how to proceed.

The board would like there to be a plan in place in case things get bad and the water level is below the required depth.

The first thing that will need to be done to help ensure we are able to get through the winter will be to get the air line repaired so we can keep the area blown out.

Barry is not in favor of applying for further funding for dredging

Jarrold and Jimmy stated that they are in favor of re-applying. They do not see the drawback to at least applying again.

Motion made by Blake Aubrey to use the letter that mentions re-applying for funds next year send it to the Corps of Engineers with a cover letter written by Tom and copying all senators, congressmen, and representatives. Seconded by Jarrod Beatty. Barry Rich opposes. Motion carried

Motion made by Blake Aubrey and seconded by Jarrod Beatty to create a contingency plan for the Wax area Motion made by Jarrod Beatty and seconded by Greg Nugent to appoint Tim Brewster to complete the task.

#### Bid Opening for Meter Installation:

We only received one bid from Kyle Vincent (242 Whalen Rd) for \$490.52 per meter. The contract gives him five weeks to complete 70 meters. They will begin work within seven days if they are awarded the bid. Motion made by Jarrod Beatty and seconded by Blake Aubrey to hire Kyle Vincent. Motion carried.

#### O&M Reports:

Brownsville- Brownsville plant produced 51.206 million gallons, sold 26.238 million gallons, plant usage 749,000 gallons. Total unaccounted water loss of 21.133 or 41.27%. Plant appearance is good, and tasks are all done as required. Tim reports that out of the water loss he feels like about 60% of it is to the north, and 40% to the south.

Wax- Wax plant produced 24.568 million gallons, sold 19.950 million gallons, plant use is 1.989 gallons for a total unaccounted for water loss of 6.485 million gallons or 8.66%. Nathan reports that the copper

sulfate has made a huge difference in the treatment of the water. Nathan says that the alkalinity has been low and we have been having to feed sodium bicarbonate. Nathan reports that the plant appearance is good and that testing and reports have been done as required.

Distribution- For the month of July the total produced and purchased is 79.636 million gallons, water sold is 42.401 million gallons, total water used is 6.481 million gallons leaving the total unaccounted water loss at 30.753 million gallons or 38.62%. Dylan reports that maintenance has been done according to the manual. Dylan reported that we need a tree removed from one of the pump stations as a result of the recent storms. He reported that we are trying to stay ahead of the phone companies and that locates are hitting us pretty hard. Delbert and Kyle just finished their ninety days. Kyle has decided to go to work at Wax Treatment Plant, so distribution has lost one employee.

Office- Erica reported that for the month of July we had 11,391 customers, took in 10,354 payments, collected 29 tap fees, and 51 reconnect fees.

#### HVAC:

Tony reported that our current HVAC unit is not fixable. He is getting quotes and he will make the decision to go with a new unit or with mini splits.

#### Generators:

R&R quoted a 36kw Generac for \$26,916.28, SVJ quoted a 60kw Generac for \$45,049, and Gardener Electric quoted a 40kw Cummings for \$36,489, and quoted an additional \$1,500 to hook it up to the internet. None of the quotes include the cost of a propane tank. Motion made by Jarrod Beatty to purchase the 36kw generator due to it being necessary to keep the office running. Motion seconded by Barry Rich. Motion carried.

#### Wax Employee:

Nathan reported that his last day will be August 19<sup>th</sup>. Tony reported that he has received a couple of applications and that he would go ahead and do interviews.

#### Notice of Violation:

Tony reported that we got the NOV letters sent out and that we had news coverage from WBKO and Channel 40. We also got a violation for pulling more water out of the river/lake than we were supposed to. Tim is working on that, and we should have that resolved next week.

#### Financial Reports:

Tony reported that coverage for the month is good but not good for the year. Currently we are \$5,611 over budget for the year. Tony reported that he will start working on the budget amendment proposal ready in the next month or so for board review.

#### Sewer Financial Reports:

We have taken in around \$17,090 for the year and spent approximately \$9,039, there are currently no issues with sewer.

#### Bill Approval:

Motion made by Barry Rich and seconded by Greg Nugent to approve the bills. Motion carried.

FEMA:

Tony reported that he completed the paperwork for the March storms. Hopefully we will receive reimbursement for those expenses. The most recent storms will not qualify for FEMA reimbursement.

Grayson Co Line Extension:

Tony reported that he spoke with Trevor who is on the board for the Grayson County Health Fund Grant, and he seemed receptive to the idea. Jeremy with Grayson County Water is trying to get on the agenda as well. He said GCWD could own and maintain the line and sell us the water or we could own and maintain it. Jeremy has not turned in the application but he has sent the board some information. Tony spoke with Louis about the cost for design. Louis' cost for design is \$30,000

Water Rate Case:

Tony reported that he spoke with KRWA about the water rate increase, he is waiting to hear back from them on a proposal and when they could get to it.

Jarrod would like us to consider adding a disconnect fee in addition to our reconnect fee when we go back for our water rate case.

Sewer Rate Case:

A copy of the PSC order was given to the commissioners. The PSC order has us recovering about 75% of depreciation about  $\frac{3}{4}$  of that change will happen in the first phase and the rest will happen on phase two. We will have to do another sewer rate case within 5 years and we will have to submit the new tariff pages within 20 days.

Greg mentioned that he feels that if we can get out of the sewer business we should. He feels that it is in the best interest of the residents of Brownsville.

KRWA Delegates:

Tony stated that the KRWA annual conference is approaching. The board needs to appoint delegates. In the past they have appointed Tony Sanders and Jeff Basham as the alternate. Motion made to appoint Tony Sanders as the delegate and Jeff Basham as the alternate by Blake Aubrey and seconded by Greg Nugent. Motion carried.

Adjourn:

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

L

X

Jimmy Mills

X

Barry Rich

X

Greg Nugent

X

Jarrod Beatty

X

Blake Aubrey

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility:

Edmonson County Water District

For the Month of:

July

Year:

2023

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED AND PURCHASED</b>	
2	Water Produced	75,774,000
3	Water Purchased	3,862,000
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>79,636,000</b>
5		
6	<b>WATER SALES</b>	
7	Residential	39,716,100
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	2,684,900
12	Public Authorities	
13	Other Sales (explain)	
14	<b>TOTAL WATER SALES</b>	<b>42,401,000</b>
15		
16	<b>OTHER WATER USED</b>	
17	Utility and/or Water Treatment Plant	2,738,000
18	Wastewater Plant	
19	System Flushing	3,243,000
20	Fire Department	500
21	Other Usage (explain) PUMPS	500000
22	<b>TOTAL OTHER WATER USED</b>	<b>6,481,500</b>
23		
24	<b>WATER LOSS</b>	
25	Tank Overflows	
26	Line Breaks	6,367,070
27	Line Leaks	24,386,430
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	<b>TOTAL WATER LOSS</b>	<b>30,753,500</b>
32		
33	<b>Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4</b>	
34		
35	<b>WATER LOSS PERCENTAGE</b>	
36	(Line 31 divided by Line 4)	38.62%

# MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS:

TOTAL GALLONS PUMPED	79,636,000	GALLONS FLUSHED	3,243,000
TOTAL GALLONS SOLD	42,401,000	NUMBER OF LEAKS	40
TOTAL GALLON LOSS	37,235,000	ESTIMATED GALLONS	6,367,070
PERCENTAGE LOSS	46%	RIVER HILL PUMPS	500,000
GALLONS ACCOUNTED FOR	52,511,570	TANK OVERFLOW	500
GALLONS UNACCOUNTED FOR	27,124,430 34%	OTHER F-Dept.	500

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 type="checkbox"/> FAIR	<input checked="" 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 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 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 stay ahead locating for phone company's while keeping all other work caught up. Fixed several leaks this month. Delbert and Kyle both got there 90 days in. Kyle has moved to wax plant.

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

July 2023

[Signature]  
OPERATOR

8-8-23  
DATE

# Edmonson Co Water District

## Monthly Water Loss Report

July 2023

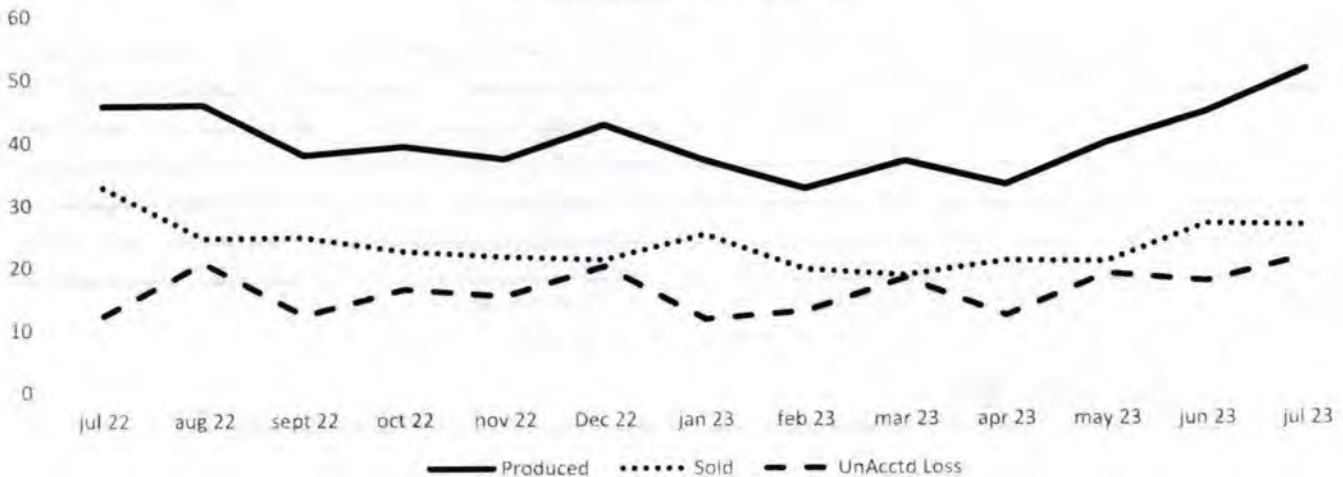
Brownsville WTP

		July-22	Totals
<b>A: Produced</b>	51.2060 MG	45.727 MG	
	Purchased _____ MG	_____ MG	
	Total 51.2060 MG	45.727 MG	
<b>Sold</b>	<i>Residential</i> 23.6221 MG	30.1004 MG	
	<i>Wholesale to City</i> 2.6159 MG	2.740 MG	
	_____ MG	_____ MG	
<b>Total Sold</b>	26.2380 MG	32.8403 MG	
<b>B: Difference</b>	24.9680 MG	12.887 MG	
<b>% Difference</b>	48.76%	28.18%	
<b>Gallons Acctd For:</b>			
	<i>Breaks</i> _____ MG	_____ MG	
	<i>Hyd. Flushing</i> _____ MG	_____ MG	
	<i>Tank Overflow</i> _____ MG	_____ MG	
	<i>Plant Use</i> 0.7490 MG	0.657 MG	
	<i>Fire Dept Use</i> _____ MG	_____ MG	
	<i>Adjustments +/-</i> _____ MG	_____ MG	
	<i>Other (Wax)</i> 3.0860 MG	_____ MG	
<b>C: Total Gallons Acctd For:</b>	3.8350 MG	3.795 MG	
<b>Loss Unacctd for Water (B-C)</b>	21.1330 MG	9.092 MG	
<b>% Loss Unacctd for (B-C)/A</b>	41.27%	19.88%	
<b>Gallons / Day (+/-)</b>	704,433	293,281	
<b>Gallons / Minute (+/-)</b>	489	204	

YTD Budget: \_\_\_\_\_ % Used Past YTD AVG Loss : 40.95%

AVG YTD Loss: 40.12%

13 Mth Loss Rpt Bville WTP





## MONTHLY INSPECTION & REPORT FORM BROWNSVILLE TREATMENT PLANT

Gallons Pumped	51.2060
Gallons Sold	0.0000
Gallons Lost	21.1330
Percentage Loss	41.27%
GPM Loss	489

Maximum Pumped	2.812
Minimum Pumped	1.129
Average Pumped	1.652

Gallons Accounted for:	
Tank Overflow	0.000
Plant Use	0.749
Computer Adj.	0.000
Wax	3.086
<b>Total</b>	<b>3.835</b>

**Booster Station Conditions**

_____	Poor	_____	Fair	_____	Good	_____	Excellent	
<i>Building &amp; Grounds</i>	_____	Poor	_____	Fair	_____	Good	_____	Excellent
<i>Electrical &amp; 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
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**Site Condition**

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

**Treatment Plant Appearance**

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

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

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With this report I certify that I have personally inspected the operation and maintenance for the month of  
 July 2023 and that it is accurate to the best of my knowledge.

*Tim Brewster*

Operator

7-Aug-23

Date

# Monthly Water Loss Report

Jul-23

Wax WTP

Jul-22 **Totals**

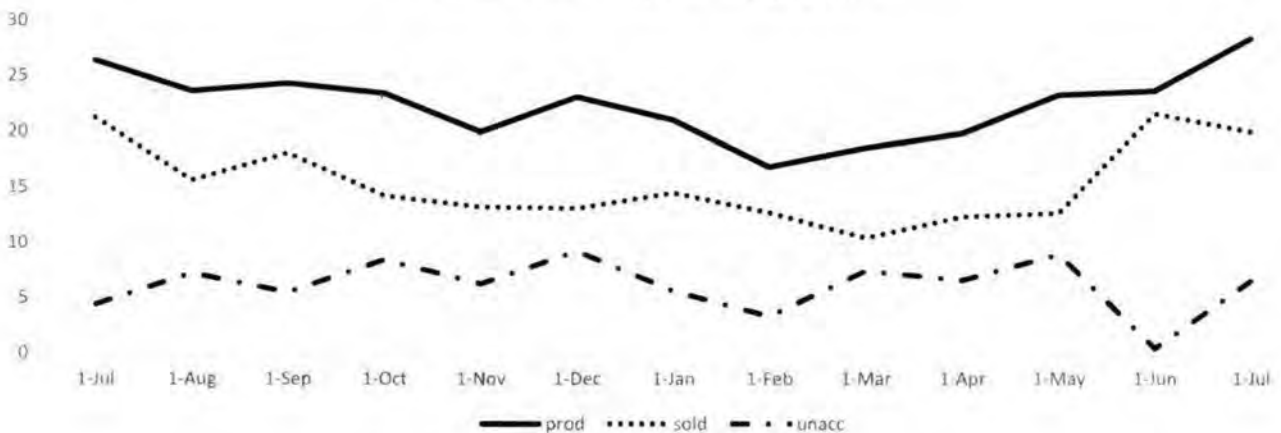
<b>A:</b>	<b>Produced</b>	24.568 MG	23.241 MG
	<b>Purchased</b>	3.862 MG	3.138 MG
	<b>Total</b>	28.430 MG	26.379 MG
	<b>Sold</b>		21.214 MG
	<i>Residential</i>	16.094 MG	MG
	<i>Wholesale</i>	0.069 MG	MG
		0.000 MG	MG
	<b>Total Sold</b>	19.956 MG	21.214 MG
<b>B:</b>	<b>Difference</b>	8.474 MG	5.165 MG
	<b>% Difference</b>	29.81%	19.58%
	<b>Gallons Acctd For:</b>		
	<i>Breaks</i>	MG	MG
	<i>Hyd. Flushing</i>	MG	MG
	<i>Tank Overflow</i>	MG	MG
	<i>Plant Use</i>	1.989 MG	0.818 MG
	<i>Fire Dept Use</i>	MG	MG
	<i>Adjustments +/-</i>	MG	MG
	<i>Other</i>	MG	MG
<b>C:</b>	<b>Total Gallons Acctd For:</b>	1.989 MG	0.818 MG
	<b>Loss Unacctd for Water (B-C)</b>	6.485 MG	4.347 MG
	<b>% Loss Unacctd for (B-C)/A</b>	8.66%	16.48%
	<b>Gallons / Day (+/-)</b>	209,194	140,216
	<b>Gallons / Minute (+/-)</b>	145	97

YTD Budget: \_\_\_\_\_ % Used

Past YTD: \_\_\_\_\_

AVG YTD Loss: \_\_\_\_\_

13 month loss report Wax July 2023



# MONTHLY INSPECTION & REPORT FORM

## wax treatment plant

Gallons Pumped	28.430
Gallons Sold	19.956
Gallons Lost	6.485
Percentage Loss	8.66%
GPM Loss	145

Maximum Pumped	0
Minimum Pumped	0
Average Pumped	0

Gallons Accounted for:

Tank Overflow	0
Plant Use	0.000
Computer Adj.	0
Other	0
<b>Total</b>	<b>0.000</b>

**Booster Station Conditions**

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

**Tanks Conditions**

_____	Poor	_____	Fair	_____ <b>y</b> _____	Good	_____	Excellent
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**Site Condition**

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

**Treatment Plant Appearance**

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

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

Comme  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

With this report I certify that I have personally inspected the operation and maintenance for the month of  
 Jul-23 and that it is accurate to the best of my ability.

Nathan Taylor	8/8/23
Operator	Date
_____	_____
Operator	Date
_____	_____

MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

Jul-23

<u>10354</u> payments received in office for the the month	
<u>1861</u> received from by mail	<u>17.97%</u> paid by mail
<u>322</u> received by walk in	<u>3.11%</u> paid by walk in
<u>45</u> received by credit card	<u>0.43%</u> paid by credit card
<u>2661</u> received from bankdraft	<u>25.70%</u> paid by bankdraft
<u>887</u> received from drive thru	<u>8.57%</u> paid by drive thru
<u>4365</u> received from online	<u>42.16%</u> paid online
<u>213</u> received from n.d	<u>2.06%</u> paid by n.d.
<u>58</u> was the most customers walk in payments received	<u>7/25/2023</u>
<u>95.00</u> Membership Fees Collected	<u>51.00</u> Reconnect Fees Collected
<u>29.84783</u> Tap Fees Collected	

<u>11,391</u> Customer	<u>39,647,000</u> Total Gallons Sold	<u>\$ 340,259.00</u> \$ Amount
<u>2,651,900</u> Gals-City	<u>\$ 8,220.89</u> \$ Amount	<u>\$ 166,270.80</u> Online Amount

<u>1551</u> Phone Calls Logged	<u>445</u> Work Orders Prepared	
Routes 1-10 Delinques ent Notices mailed	<u>519</u>	
<u>77</u> Customers Disconnected		<u>\$ 0.86</u>
<u>14</u> Rehung same day		Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	<u>405</u>	
<u>8</u> Customers Disconnected		
<u>3</u> Rehung same day		

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

Jul-23

<u>57</u> Customers		Revenue Received
<u>233,000</u> Gallons Treated	<u>\$ 1,004.60</u> Cost	
<u>1100</u> Gallons Treated	<u>4.4</u> Cost	\$ 1,009.00
<u>0</u> Customers Disconnected		

Comments:

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*Erica Wolfe*  
SIGNATURE

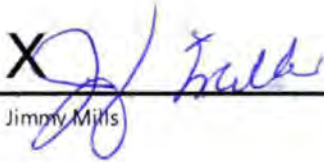
8/4/23  
DATE

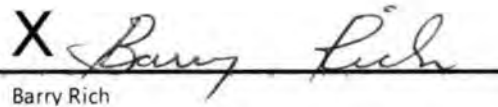
August 9, 2023

We have reviewed and approved the transactions for the month of July 2023 for the following accounts:

- 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)

The documents that have been reviewed are attached.

X   
Jimmy Mills

X   
Barry Rich

X   
Greg Nugent

X   
Jarrod Beatty

X   
Blake Aubrey

August 22<sup>nd</sup>, 2023

ECWD: Jimmy Mills, Barry Rich, Greg Nugent, Jarrod Beatty, Blake Audrey, Jon Sanders, Tony Sanders, Jeff Basham, Dylan Hazelwood, Scott Lindsey, Erica Wolfe

Minutes:

Motion made by Jarrod Beatty and seconded by Greg Nugent to dispense the reading of the minutes. Motion carried.

Jon Sanders- Industrial Authority:

There is potential project in discussion for the Industrial Authority in Park City for a battery recycling plant. If that project comes through the plant will need more water than ECWD can currently provide. Caveland Environmental is willing to connect and put in a master meter to provide ECWD with around 300 gallons per minute. We would have to execute agreement and have the connection approved by the PSC. If the project comes through and the connection is required Caveland intends on charging us their wholesale pass through rate of \$2.59 per thousand gallons. Someone in legal would have to draw up an agreement between Caveland and ECWD. It would be like the connection we are trying to put in in Grayson County.

Motion made by Greg Nugent to move forward with this as quickly as possible. Seconded by Barry Rich. Motion carried. Commissioners agreed that any connection we can have in any direction would be beneficial.

There is also another potential project in discussion. A grant has been applied for to industrialize farm land in the area and have a second Industrial Park. If this happens, we would need to upgrade Fairview pump and add a flow meter and flow control valve. There is a grant site visit in September and we will see how the project progresses.

401A Plan:

An employee's wife has passed away. Right now, he cannot access his 401a funds unless he is separated from the company the way the plan is set up. Tony was advised that the simplest way to address this would be to add in the plan that at 59 ½ employees could draw out of it. All that would have to happen is Nationwide would draw up the change in paperwork and Tony can sign off and send back with board approval. Tony mentioned there is also a hardship option but he is not as familiar with it. Motion made by Greg Nugent to amend the plan to allow employees to draw out at 59 ½ seconded by Blake Aubrey. Motion carried.

Green River/Nolin Lake Update:

Tony reported that the Corps has finished their bathometric study and will be setting up a meeting. Engineering would get started on plans and ECWD would sign off and/or approve them. Tony reported that we sent letters to the Corps, the Senators, Congressman regarding holding up the water level at Nolin Lake.

#### PSC Inspection:

Tony report that he got the PSC inspection back last week and we had two deficiencies. One was due to our water loss being above 15% and the other was about not ensuring a 150-130psi at a location with high elevation. The PSI issue has been resolved. Tony will write a response regarding the deficiencies Blake requested that he be emailed the water loss reduction plan.

#### Notice of Violation:

Tony reported that we sent out our letters and completed the certification for the NOV regarding turbidity. Tony reports that Tim has been working on the NOV for exceeding our water withdrawal limits. Our permit is being updated and we will be sent a rescission of that NOV.

#### Generator:

R&R got the bid for the new generator for the office. Blossom gas is scheduled to give us an estimate on a 500-gallon tank. Tony was told it will be 3-4 weeks for the parts for the generator to come in.

#### FEMA:

Tony reported that he has been getting the I's dotted and the T's crossed on the FEMA application. If they approve us we will get reimbursed approximately \$9,000 from storm damage.

#### Telecast Communications:

Telecast Communications asked about putting an antenna on one of our tanks to help provide internet service to customers. He will be sending over a contract for our review. Once we get the contract Tony said he would forward to Tony for further consideration.

#### Long Range Plan:

The commissioners agreed that we need a long-range plan for capital projects motion made by Barry Rich and seconded by Blake Aubrey for Tony to investigate this further and potentially investigate the idea of an independent consultant.

#### Walnut Grove Subdivision:

Louis has drawn up plans. It is 38 lots that will have 4-inch line ran into it. Louis says that we can provide the proper pressure. Motion made by Barry Rich and seconded by Greg Nugent to accept. Motion carried.

#### Ad on Magnet:

Motion made by Blake Aubrey and seconded by Barry Rich to do the \$175 single spot ad on the sheriff banner magnet.

#### New Hires:

We have two new hires one at distribution and one at Wax Plant.

#### Tariff Revision:

Jimmy Mills signed off on tariff revision regarding updates sewer rates ordered by the PSC

Dredging:

Barry asked if we were to dredge if it would be possible to build on to the current plant rather than building a new plant. Tony told Barry that Louis stated there is not enough room to expand at our current site to provide the capacity that we need.

Grayson County Line Extension:

Tony reported that he sent a request from the ADD District for an update from KIA. Tony will also be asking if we can use part of the cleaner water funds to start getting projects designed. Tony will be trying to get an update from the KIA rep at his conference next week. Tony also reported that he would be speaking with Jeremy about progress and next steps.

Emergency Plan:

The board stated they would like an update from Tim on how the emergency plan is coming. Greg reported that he has been getting calls about the issues happening. Jarrod reported that he spoke with Blue Tank (the company that may be able to provide us generators in the event of an emergency) He would like to set up a time to meet and let the representative see the plant and understand our needs.

Trucks:

Dylan reported that he reached out to a vehicle salesman about us needing trucks. As of yesterday, she had two Tacoma's available. We have been told the 2 Ford F150s we ordered in February do not even have a build date and we need new trucks. Motion made upon recommendation of attorney to declare an emergency on the truck purchase due to bidding in February and still having no anticipated build date. We need these vehicles immediately to maintain our work flow. Motion made by Greg Nugent and seconded by Jarrod Beatty. Motion carried.

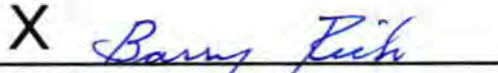
Motion to authorize Tony to purchase two trucks under the emergency declaration due to ECWD having an immediate need. Motion made by Blake Aubrey and seconded by Barry Rich. Motion Carried.

Adjourn:

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



X   
Jimmy Mills

X   
Barry Rich

X   
Greg Naught

X  
Jarrod Beatty

X   
Blake Aubrey

August 28<sup>th</sup>, 2023

Special Meeting

ECWD

Present: Jimmy Mills, Barry Rich, Greg Nugent, Jarrod Beatty, Blake Aubrey, Judge Henderson, Brian Decker, Tony Sanders, Erica Wolfe

Grayson County Line Extension and Tie In:

Tony reported that he spoke with Jeremy at Grayson County Water and they received an official notice from the hospital board that they will not be receiving funding for the project. They did not have those funds in their budget. They did offer GCWD a low interest loan, but due to the area being in ECWD's district GCWD could not get a loan for it.

Judge Henderson spoke he stated that the hospital grants are for the health and well being of the citizens of Grayson County and that a grant will not be given from that fund to Edmonson County Water District in any circumstance, ever. However, there may be a type of loan option. Judge Henderson reports that he has about 2,800 meters that totals about 7,500 people in Grayson County that have been having a lot of issues. Judge Henderson suggested a couple of solutions. He states that a 6-inch line will not supply water when considering the growth to the area. He stated that he got with Leitchfield Utilities and they could provide water for an 8-inch line no problem. He suggests that if we do the line extension to use an 8-inch line instead of a six inch. This line could help ease a lot of pressure on Wax Plant. Judge Henderson stated that Grayson, Edmonson, and surrounding counties have seen tremendous growth and that this should have been considered years ago and that we are going to continue to see growth in all areas. Judge Henderson that he and Brian in their positions as Judge and magistrate are in a position that they need something done now. He cannot set back and wait. They are getting calls all the time about bacteria in the water and boil water advisories. He states that a generator should have already been bought and paid for. Judge Henderson stated that he spoke with Gilbert about the funding for the generators and Gilbert was not aware that money had been allocated. Tony reported that we did get the grant and that it has been allocated. Judge Henderson reported that we cannot wait. He has been dealing with upset constituents and it is imperative that this line happens as soon as possible. It was discussed that if we started digging today it may be a year before the process is finished. Greg reported that there was very little growth in the area for a long time and it has taken off all at once. Judge Henderson stated that he believes Jeremy has already had hydraulics drawn up for the 8-inch line. It was discussed that KIA had offered a low interest loan. It was also mentioned that there have been some funds that have come to the state for water infrastructure and the potential of being eligible for that. There is a call for projects next month at the ADD district but that won't be funded until next year, and if we apply for KIA funding we won't know if we got it until next year. If ECWD must get a loan for the project they would likely have to go through the PSC which could also be a six-month process.

Motion made by Jarrod Beatty and seconded by Jimmy Mills to get the process going and to try every avenue that we can. Motion carried.

Judge Henderson stated that as a last case scenario Grayson County Fiscal Court may be able to get a loan and give it to Grayson County Water. A surcharge was discussed on how to get the funds back to Grayson County Fiscal Court. Judge Henderson also mentioned that GCWD is willing to help come and fix

leaks as they have time. They want to help the citizens of Grayson County and we need to utilize the resources that are available

Closed Session:


Motion made by Blake Aubrey and seconded by Greg Nugent to go into closed session for personnel issues

Motion made by Blake Aubrey and seconded by Jarrod Beatty to exit closed session.

Adjourn:

Motion made by Barry Rich and seconded by Blake Aubrey to adjourn the meeting. Meeting adjourned.

X   
Jimmy Mills

X   
Barry Rich

X   
Greg Nugent

X  
Jarrod Beatty

X   
Blake Aubrey

September 12<sup>th</sup>, 2023

ECWD

Present: Jimmy Mills, Barry Rich, Greg Nugent, Blake Aubrey, Tom Goff, Tony Sanders, Jeff Basham, Blake Thompson, Dylan Hazelwood, Erica Wolfe

Minutes:

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

O&M Reports:

Brownsville:

Brownsville water treatment plant pumped 45.923 million gallons for the month of August and sold 25.701 million gallons which led to an unaccounted-for water loss of 15.893 million gallons or 34.61%. Blake Thompson reported that the building, grounds, and intake are in good condition. Reports and maintenance have been done according to the manual. Tony reported that a VFD and the air compressor for the blow off were both recently replaced. Tony reported that the water level at the intake is low but it is covering the second screen and is about half way down the top screen.

Meeting with the Corps:

Tony reported that they are finished with the bathometric study and the Corp's believes there is a deeper pool further down the river. There is going to be an onsite meeting October 1<sup>st</sup> any board member that would like to be in attendance is welcome. Tony reported that the Corps is looking for solutions and then the Board would have to agree to their findings as we move forward. Tony reported that they are looking into potentially building a new intake. Tony reports that hopefully he will get more information on the engineer findings at the next onsite meeting. Tony report that the Corps of Engineers appears to be cooperative on this matter.

Tony reported that has received a call from the permitting department. We just need the shoreline license to have all required permits for dredging. Louis has sent the information in for that.

We have not heard back from the Corps regarding the letter sent about holding the water level at 497 for winter pool.

Violations:

Tony reported that the last violation that we received was over the problem at Wax Plant. Tony is not sure at what point we could be called in to Frankfort, that it is on a points basis. Tony reported that Jeff has been there the last two times the Division of Water visited and everything looked good.

Wax:

Wax Water Treatment Plant pumped 26.355 million gallons and sold 21.929 million gallons. For a total unaccounted for water loss of 9.21% or 1,999 million gallons. The grounds, building, and intake are in good condition. Maintenance, testing, and reports have been completed according to the manual. The only issues that they have had recently was during the holiday weekend. There were three main line

breaks in a week, had it not been for that we would not have had as many issues. Things seem to be going well for the time being.

Grayson County Tie-In:

Tony reported that he spoke with Jeremy at Grayson County Water about the line. GCWD is moving forward with the tie in. They will be putting in the 1,400-1,600ft of 8 in main to gravity feed. Jeremy stated that he had been in touch with the Grayson County Health Foundation and they weren't giving a definitive no, but he was told it was not in the budget this year. Tony reported that he spoke with Gary Larimore at KRWA and that Gary spoke with Mike Reynolds about the possibility of a short-term loan from KRWA. Tony reported that if it is a short-term loan, it will not require PSC approval. Jeremy with GCWD has spoke with Damon Talley about drawing up a contract for the purchase of water. The price would include the Leitchfield wholesale rate plus the cost of the line. Tony reports that Grayson County Water would not put a minimum or maximum purchase amount in the contract.

Motion made by Blake Aubrey to commit to purchasing water from Grayson County Water District in the event that Grayson County Water builds the tie-in infrastructure. The contract is to have no minimum purchase amount per month, seconded by Greg Nugent. Motion carried.

Meeting in Hart County:

Barry Rich reported that the governor will be in Hart County October 3<sup>rd</sup> at 3:00pm for a meeting if anyone is able to attend

Distribution:

The total water produced is 72.278 million gallons and total sales are 47.630 million gallons. The total unaccounted for water loss is 19.317 million gallons or 26.73%. All maintenance and testing have been done as required. Dylan reported that 47 leaks were repaired in the month of August. Dylan reported that Kyle Vincent is doing well on meter installations. Dylan mentioned a device that the phone company has for completing locates. Dylan will be getting a quote together on potentially purchasing a similar device for us.

Office:

Erica reported there are 11,417 customers for the month of August, we received 10,731 payments, 115 membership fees, 30 tap on fees, and 57 reconnect fees. The office is continuing to send out lead and copper surveys to customers.

Materials Bid Opening:

Dylan requested bids on materials for parts

Core & Main: \$39,025

G&C Supply: \$38,202.41

Motion made by Blake Aubrey to accept the lowest bid, seconded by Greg Nugent. Motion carried.

#### Financial Report:

Tony reported that retail sales are down a little for the year, but interest has nearly doubled. Tap fees are up we have sold more meters and the cost has increased. Our bond coverage is good for the month but still a little low for the year. We have not received the MXUs for the meters received therefore we have not paid that bill yet. Right now, we are \$19,000 under budget for the year, after we pay for the meters, we will need to do a budget amendment. Soon we will start the budget for next year.

#### Trucks:

Tony reported that we have secured two trucks their anticipated date of arrival is October 3<sup>rd</sup>, they have been tagged for Edmonson County Water District and the dealer did not require a down payment.

#### Sewer O&M:

The coverage is good for sewer, we will be sending out bills with the new rate.

#### New Wax Employee:

The new employee at Wax decided the job was not for him and he has not chosen not to come back. Motion made by Blake Aubrey to advertise for a licensed operator and water treatment trainee, seconded by Greg Nugent. Motion carried.

#### FEMA Resolution:

Motion made by Barry Rich and seconded by Greg Nugent to make Tony Sanders the agent and have Jimmy Mills sign documentation.

#### PFAS:

Tony reported that PFAS is a contaminant in many things, there has been a recent push for PFAS sampling. They are looking at amounts that are equivalent to one drop of water in an Olympic size swimming pool. There is a class action suit in reference to PFAS. If we want to be involved, we have to sign a retainer. KRWA is encouraging everyone to get on board. The Division of Water came down a few months ago to do sampling at both plants, but we have not heard back yet. Motion made by Greg Nugent and seconded by Blake Aubrey to sign the retainer. Motion carried.

#### KIA:

Tony reported that we need exhibit 6A and 6B on all the cleaner water projects as well as engineering agreements. Motion by Barry Rich and seconded by Jimmy Mills to sign the exhibits and engineering agreements. Motion carried.

Tony reported that there is potentially a KIA loan that we could get for engineering and design on the new plant. The intended use plans have not been released at this time.

#### KRWA:

Tony reported he spoke with Gary Larimore at KRWA regarding a long-range plan. He advised that ECWD would need to utilize an engineering firm, he reported that Cannon & Cannon does that type of work. Tony reported that he has also spoke with Louis and Louis is also able to prepare a long-term plan if

requested. A bid proposal was discussed, the work could go to bid but we would have to have an idea on what all we would want included. The board would like Tony to find out if GRW owns the plans they have created for ECWD or if ECWD has ownership of them. The board would like to consider all avenues moving forward.

Judge Executive Lindsey:

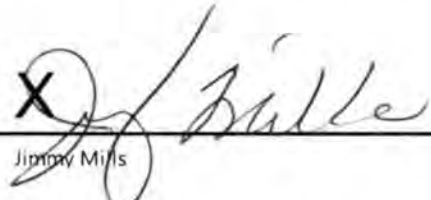
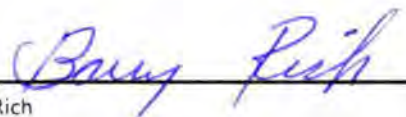
Judge Lindsey send an email requesting a Regional Water Meeting. He invited representatives from BRADD, the Hart County Judge Executive, Grayson County Judge Executive, David Peterson from Caveland Environmental, a representative from Lincoln Trail ADD District, and Kylie Fohsee with Representative Guthrie's office. Tony reported Judge Lindsey would like to have a strategic planning meeting. It will be September 15<sup>th</sup> at 12pm CDT at the Edmonson County courthouse it will also be available via zoom.



Suspended Employee:

Tom reports he will talk to our insurance company about the situation.

Adjourn:

Motion to adjourn made by Blake Aubrey and seconded by Barry Rich. Meeting adjourned.

X  X   
Jimmy Mills Barry Rich

X  X   
Greg Naqent Jarrod Beatty

X   
Blake Aubrey

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility:

For the Month of:  Year:

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED AND PURCHASED</b>	
2	Water Produced	70,583,000
3	Water Purchased	1,695,000
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>72,278,000</b>
5		
6	<b>WATER SALES</b>	
7	Residential	44,789,700
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	2,840,700
12	Public Authorities	
13	Other Sales (explain)	
14	<b>TOTAL WATER SALES</b>	<b>47,630,400</b>
15		
16	<b>OTHER WATER USED</b>	
17	Utility and/or Water Treatment Plant	2,724,300
18	Wastewater Plant	
19	System Flushing	2,105,900
20	Fire Department	-
21	Other Usage (explain) PUMPS	500000
22	<b>TOTAL OTHER WATER USED</b>	<b>5,330,200</b>
23		
24	<b>WATER LOSS</b>	
25	Tank Overflows	
26	Line Breaks	5,645,820
27	Line Leaks	13,671,580
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	<b>TOTAL WATER LOSS</b>	<b>19,317,400</b>
32		
33	<b>Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4</b>	
34		
35	<b>WATER LOSS PERCENTAGE</b>	
36	(Line 31 divided by Line 4)	26.73%



MONTHLY INSPECTION & REPORT FORM  
DISTRIBUTION LINE

WATER LOSS:

TOTAL GALLONS PUMPED 72,278,000 GALLONS FLUSHED 2,105,900  
TOTAL GALLONS SOLD 47,630,400 NUMBER OF LEAKS 47  
TOTAL GALLON LOSS 24,647,600 ESTIMATED GALLONS 5,545,820  
PERCENTAGE LOSS 34% RIVER HILL PUMPS 500,000  
TANK OVERFLOW \_\_\_\_\_  
OTHER \_\_\_\_\_  
GALLONS ACCOUNTED FOR 8,253,720  
GALLONS UNACCOUNTED FOR 16,393,880 22%

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	_____ POOR	<input checked="" type="checkbox"/>	FAIR	_____ GOOD	_____ EXCELLENT
PRESSURE STATION	_____ POOR	<input checked="" type="checkbox"/>	FAIR	_____ GOOD	_____ EXCELLENT
TANK SITE	_____ POOR	<input checked="" type="checkbox"/>	FAIR	_____ GOOD	_____ EXCELLENT
BOOSTER STATION	_____ POOR	<input checked="" type="checkbox"/>	FAIR	_____ GOOD	_____ EXCELLENT
STORAGE YARD & LOT	_____ POOR	<input checked="" type="checkbox"/>	FAIR	_____ GOOD	_____ EXCELLENT
MAINTAINANCE	_____ POOR	<input checked="" type="checkbox"/>	FAIR	_____ GOOD	_____ EXCELLENT
OFFICE GROUNDS	_____ POOR	<input checked="" type="checkbox"/>	FAIR	_____ GOOD	_____ EXCELLENT
VALVES	_____ POOR	<input checked="" type="checkbox"/>	FAIR	_____ GOOD	_____ EXCELLENT
METERS	_____ POOR	<input checked="" type="checkbox"/>	FAIR	_____ GOOD	_____ 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: Having lots of leaks trying to keep them all fixed. Kyle  
is doing good on meter installs. So is changing several meters now. Been hard  
to stay in front of all phone crews.

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

August 2023  
Ben Hazelwood  
OPERATOR

8-11-2023  
DATE

# Edmonson Co Water District

## Monthly Water Loss Report

Aug-23

Wax      WTP  
Aug-22      *Totals*

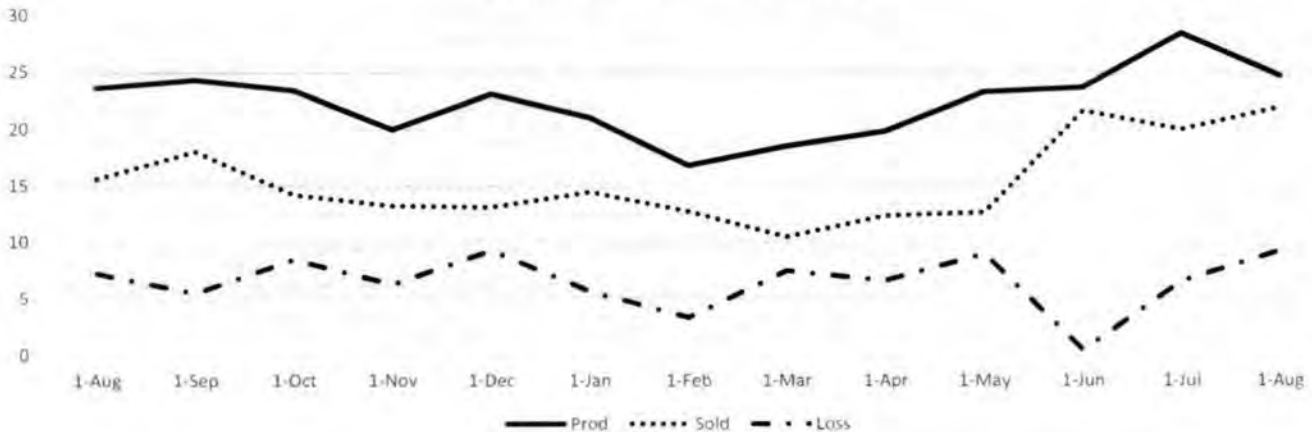
<b>A:</b>	Produced	24.660 MG		
	Purchased	1.695 MG		23.577 MG
	<b>Total</b>	<b>26.355 MG</b>		<b>23.577 MG</b>
	Sold <i>Residential</i>	21.929 MG		15.6090 MG
	<i>Wholesale</i>	0.000 MG		0.0000 MG
	<b>Total Sold</b>	<b>21.929 MG</b>		<b>15.6090 MG</b>
<b>B:</b>	Difference	4.426 MG		7.968 MG
	% Difference	16.79%		33.80%
	<b>Gallons Acctd For:</b>			
	<i>Breaks</i>	0.000 MG		0.0000 MG
	<i>Hyd. Flushing</i>	0.000 MG		0.0000 MG
	<i>Tank Overflow</i>	0.010 MG		0.0000 MG
	<i>Plant Use</i>	1.989 MG		0.7870 MG
	<i>Fire Dept Use</i>	0.000 MG		0.0000 MG
	<i>Adjustments +/-</i>	0.000 MG		0.0000 MG
	<i>Other</i>	0.000 MG		0.0000 MG
<b>C:</b>	Total Gallons Acctd For	1.999 MG		0.787 MG
	Loss Unacctd for Water	2.426 MG		7.181 MG
	% Loss Unacctd for (Loss)	9.21%		30.46%
	Gallons / Day (+/-)	23,581		231,645
	Gallons / Minute (+/-)	16		161

YTD Budget: \_\_\_\_\_ % Used

Past YTD: \_\_\_\_\_

AVG YTD Loss: \_\_\_\_\_ %

13 MTH Loss Rpt      Wax Wtp



## MONTHLY INSPECTION & REPORT FORM

wax treatment plant

Aug-23

Gallons Pumped	26,355
Gallons Sold	21,929
Gallons Lost	2,426
Percentage Loss	9.21%
GPM Loss	16

Maximum Pumped	894,600
Minimum Pumped	648,500
Average Pumped	795,468

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

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

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

<b>Treatment Plant Appearance</b>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Excellent
<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 &amp; 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
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<i>Operator overseeing treatment</i>	<input 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
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**Comments**

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With this report I certify that I have personally inspected the operation and maintenance for the month of Aug-23 and that it is accurate to the best of my ability.

Blake Thompson 09-06-2023

Operator

Date

# Edmonson Co Water District

## Monthly Water Loss Report

August 2023

Brownsville WTP

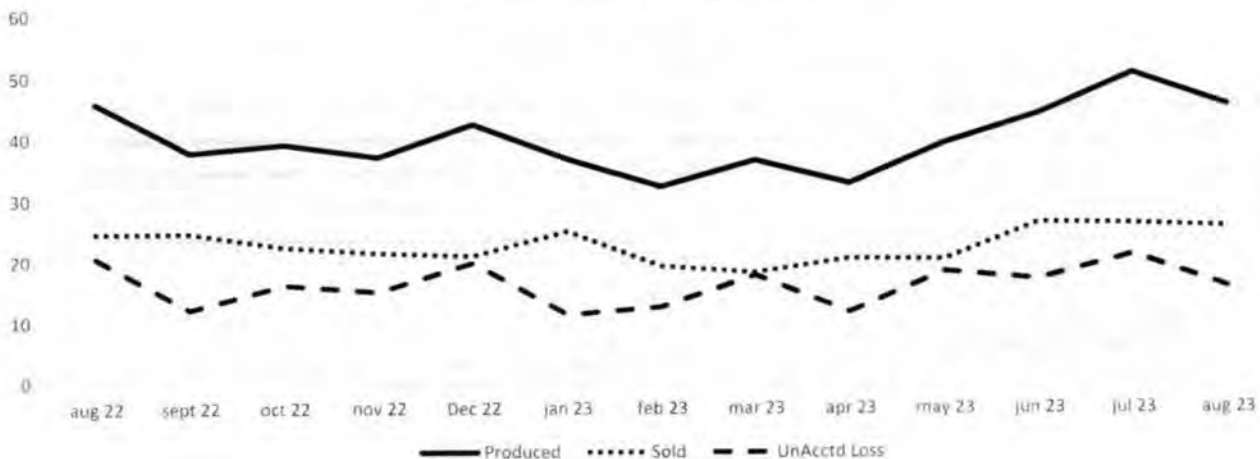
<b>A:</b>	<b>Produced</b>	45.9230 MG			45.861 MG
	<b>Purchased</b>	_____ MG			_____ MG
	<b>Total</b>	45.9230 MG			45.861 MG
	<b>Sold</b>				
	<i>Residential</i>	22.8607 MG			21.7139 MG
	<i>Wholesale</i>	2.8407 MG			2.888 MG
	<i>Wax WTP</i>	_____ MG			_____ MG
	<b>Total Sold</b>	25.7014 MG			24.602 MG
<b>B:</b>	<b>Difference</b>	20.222 MG			21.259 MG
	<b>% Difference</b>	44.03%			46.36%
	<b>Gallons Acctd For:</b>				
	<i>Breaks</i>	_____ MG			_____ MG
	<i>Hyd. Flushing</i>	_____ MG			_____ MG
	<i>Tank Overflow</i>	_____ MG			_____ MG
	<i>Plant Use</i>	0.7353 MG			0.6632 MG
	<i>Fire Dept Use</i>	_____ MG			_____ MG
	<i>Adjustments +/-</i>	_____ MG			_____ MG
	<i>Wax</i>	3.5927 MG			_____ MG
<b>C:</b>	<b>Total Gallons Acctd</b>	4.3280 MG			0.6632 MG
	<b>Loss Unacctd for Wax</b>	15.8936 MG			20.596 MG
	<b>% Loss Unacctd for Wax</b>	34.61%			44.91%
	<b>Gallons / Day (+/-)</b>	_____			664,377
	<b>Gallons / Minute (+/-)</b>	_____			461

YTD Budget: \_\_\_\_\_ % Used

Past YTD Avg. Loss: 41.45%

AVG YTD Loss: 39.43%

13 Mth Loss Rpt Brownsville WTP



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

Gallons Pumped 45.923  
 Gallons Sold 25.701  
 Gallons Lost 15.894  
 Percentage Loss 34.61%  
 GPM Loss 0

Maximum Pumped 1.9930  
 Minimum Pumped 0.9380  
 Average Pumped 1.4814

Gallons Accounted for:  
 Tank Overflow 0.0000  
 Plant Use 0.6995  
 Computer Adj. 0.0000  
 Other 3.5927  
 Total 4.2922

**Booster Station Conditions**

	<u>        </u> Poor	<u>        </u> Fair	<u>        </u> Good	<u>        </u> Excellent
<i>Building &amp; Grounds</i>	<u>        </u> Poor	<u>        </u> Fair	<u>        </u> Good	<u>        </u> Excellent
<i>Electrical &amp; 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 &amp; 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:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

With this report I certify that I have personally inspected the operation and maintenance for the month of August 2023 and that it is accurate to the best of my knowledge.

*Tim Brewster*

9-10-2023

Operator

Date

MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

Aug-23

10731 payments received in office for the the month  
2208 received from by mail  
275 received by walk in  
68 received by credit card  
2676 received from bankdraft  
999 received from drive thru  
4304 received from online  
201 received from n.d  
29 was the most customers walk in payments received  
115.00 Membership Fees Collected  
30 Tap Fees Collected

20.58% paid by mail  
2.56% paid by walk in  
0.63% paid by credit card  
24.94% paid by bankdraft  
9.31% paid by drive thru  
40.11% paid online  
1.87% paid by n.d.

8/28/2023

57.00 Reconnect Fees Collected

11,417 Customer 40,334,100 Total Gallons Sold  
2,840,700 Gals-City \$ 8,806.17 \$ Amount

\$ 356,946.82 \$ Amount  
\$ 162,368.07 Online Amount

1206 Phone Calls Logged 396 Work Orders Prepared  
584  
29 Customers Disconnected \$ 0.88  
6 Rehung same day Cost Per 1,000 Gallons  
297  
18 Customers Disconnected  
11 Rehung same day

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

Aug-23

57 Customers Revenue Received  
254,000 Gallons Treated \$ 1,016.00 Cost  
1400 Gallons Treated 5.6 Cost \$ 1,021.60  
0 Customers Disconnected

Comments:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

*Lucia Wolfe*  
 SIGNATURE

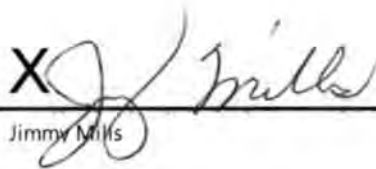
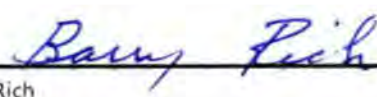
9/3/23  
 DATE



September 12, 2023

We have reviewed and approved the transactions for the month of August 2023 for the following accounts:

- 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)

The documents that have been reviewed are attached.

X  X   
Jimmy Mills Barry Rich

X  X   
Gred Albert Jarrod Beatty

X   
Blake Aubrey

September 26<sup>th</sup>, 2023

~~October 9<sup>th</sup>, 2023~~

ECWD

Present: Jimmy Mills, Barry Rich, Greg Nugent, Jarrod Beatty, Blake Aubrey, Tom Goff, Tony Sanders, Jeff Basham, Tim Brewster, Dylan Hazelwood, Erica Wolfe, Kevin Shaw, Brian Ashley, Judge Choate

Minutes:

Motion made by Greg Nugent and seconded by Jarrod Beatty to dispense the reading of the minutes.  
Motion carried.

Meeting:

A regional water meeting was held; in attendance was Tony Sanders from ECWD, Green River Valley Water District, Grayson County Water District, Caveland Environmental, a representative from Representative Guthrie's office, a representative from Senator McConnell's office, and the judge executives from Grayson, Edmonson, and Hart counties. Grayson County Water District is in the process of securing funding for the tie in at Peonia. Tony reported that we have reached out to the Governor's office for potential funding, and Gary Larimore with KRWA. Jimmy Mills reported that he has received a notice stating that Governor Beshear is aware of the situation. Tony reported that Green River Valley Water District is in the process of doing upgrades to their system in the Priceville/Bonnieville area. Green River Valley Water District has a plan to put in a pump station. Tony reported that he will be meeting with the manager, Andrew, to discuss elevations. Tony reported there may be ways for us to purchase water from them, we will just need to investigate further. Tony reported the idea of building a regional water plant was discussed. Caveland Environmental suggested the three counties get together and get an independent consultant to draft some potential options. Green River Valley is anticipating a need to pump more water in the Horse Cave area. Grayson County Water District does not seem interested in being involved in the new plant but may be interested in purchasing water in the future. There will be another regional water meeting in the next few weeks. All the water districts agree that they would like to keep their customers. A regional water plant may open more options for funding. The regional water plant would have its' own governing body. One of the topics that would need to be handled with the independent consultant is where a regional water plant would be located. Tony reported that we have already purchased property for the plant and for the intake site. Judge Choate asked ECWD what the short-term plan is as a regional water plant or a new water plant would not be completed for several years. Tony reported that Grayson County Water District is putting in the line to serve customers in the Peonia area, Green River Valley is putting in a pump station, and we have applied for funding for a portable pump station.

The commissioners are open to the idea of regionalization and are interested in moving forward with further discussions. Greg Nugent expressed that the Water District will try to do what is in the best interest of the people. The board has given Tony permission to continue discussions with the other managers and potential engineers.

Shaw Consulting Proposal:

Kevin Shaw, the former General Manager at Grayson County Water District, reported that around 21-22 years ago GCWD had issues with not having enough water and now they have more than 1.5 million



gallons in excess available. He reported that one of his main focuses will be water loss. He reported that he feels that he could help in a lot of ways. When GCWD decided to build a new water plant they had funding in hand in 1 year and were treating water within 2 years. Mr. Shaw reported that the Water District would have to spend some money, but you must spend money to save money sometimes. Mr. Shaw reported that he would spend some time working with Tony and the field guys he would like to start everyday talking about water loss. The board stated that they discuss the proposal and evaluate in the next few weeks.

#### Update on Wax Intake and Low Water Plan:

Tim Brewster reported that Blue Tank has sent generic information on their pumps, but has not sent the information to us for our specific needs. Tim reported that he will also be getting with Allied Pumps and getting some information from them. He has spoken with the diver about the air hose, it will be scheduled for repair around the time that the draw down happens. Tony reported that he spoke the colonel at the Corps of Engineers. He introduced himself and told her that ECWD requested a deviation but had not yet got a response back. She reported that their engineers have advised them not to hold the levels. She apologized for not getting back to us, and stated she would look into it. Tony reported that he expects to receive a letter stating that they will not be holding it. There is an onsite meeting here at Edmonson County Water District with the US Army Corps of Engineers, Nature Conservancy, and Fish & Wildlife on October 17<sup>th</sup> at 11am.

#### Generator:

Tony reported that the status of the generators is we are waiting on a letter from the flood plain coordinator in Grayson County and we are waiting on BRADD to send the public notice.

#### Bergenson Leak:

We had a leak on a 10-inch main right before Labor Day, we had to cut the blacktop to repair it. Mr. Bergenson stated that he had water get inside the basement of his building due to the leak. The claim was turned into the insurance company but the insurance company denied the claim. Tom advised that we could patch the spot like we would do for any other customer but the customer would need to talk to his attorney or insurance company about the rest.

#### COVID Pay:

Tony mentioned that there has been an influx of COVID recently, and he would like to know if the COVID policy remains the same. Motion made by Blake Aubrey and seconded by Jarrod Beatty to remove the COVID policy that allows employees who have been vaccinated to be off with pay if they are diagnosed. Motion carried.

#### Personnel:

Motion made to go into closed session by Blake Aubrey, and seconded by Jarrod Beatty. Motion carried.

Motion made to come out of closed session by Barry Rich and seconded by Blake Aubrey. Motion carried.

Motion made by Greg Nugent and seconded by Blake Aubrey to re-instate Chris Graham.

B. Thompson:

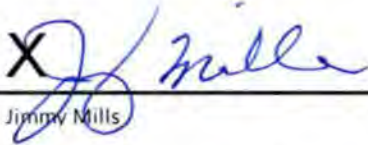
Blake has been taking on the department head role at Wax Plant, it is felt that he deserves a pay increase due to his increase in responsibility. Motion made by Greg Nugent and seconded by Jarrod Beatty to increase him from Step 1 to Step 6, \$19.72. Motion carried.


Heating & Cooling at Wax Plant:

Motion made by Jarrod Beatty to update the heating and cooling at Wax Water Treatment Plant, seconded by Greg Nugent. Motion carried.

Adjourn:

Motion made by Blake Aubrey and seconded by Jarrod Beatty to adjourn. Meeting adjourned.

X   
Jimmy Mills

X   
Barry Rich

X   
Greg Nugent

X \_\_\_\_\_  
Jarrod Beatty

X   
Blake Aubrey

October 10<sup>th</sup>, 2023

ECWD

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

Minutes:

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

O&M:

Brownsville:

For the month of September Brownsville plant produced 48.372 million gallons of water and sold 27.380 million gallons after plant use Brownsville plant had a total unaccounted for water loss of 20.992 million gallons or 43.4%. Tim Brewster reported that plant appearance is good, that housekeeping and maintenance have been done according to the manual and all reports have been completed. Tim reported that he is getting with Allied Pump on Wednesday to see what they can help us with. The divers will be coming towards the end of the month to repair the air hose at Wax Plant.

Corps of Engineers:

We have been in contact with Derick Rogers with the Corps of Engineers he is going to be in contact with their people in Louisville to see if they can let the lake turn over completely before doing the draw down. Tony reported to Derick that ECWD would like at least 2-3 days' notice prior to the draw down. Tony also reported that he received an email from the Corps of Engineers officially stating that they will not be holding winter pool this year, we should be receiving a formal letter to that effect shortly. The meeting with the Corps, Nature Conservancy, and Fish & Wildlife has been rescheduled to 9:30am next Tuesday.

Wax:

For the month of September Wax Plant produced 26.821 million gallons of water, and sold 20.333 million gallons after plant use, they had a total unaccounted for water loss of 4.968 million gallons or 20.69%. The building, intake, and plant appearance are good, testing has been done as required, and proper reports have been filled out. Blake reported that we have not run forks since September 24<sup>th</sup> and that pumping has slowed down. Right now, we are still buying water from Green River Valley but we intended to shut that off today.

Notice of Violation:

Tim Brewster reported that we have received a notice of violation for Wax Plant due to not having a chart recorder for each individual filter at Wax. We previously did not need a chart recorder for each filter but this requirement has been added due our change in classification regarding turbidity. We have received the violation for July and we will also be receiving a violation for August and September for the same reason. Brownsville Plant received a violation for the month of July due to their chart recorder being out of ink. Tim reported that he is unsure if these violations will be sent to enforcement or not. The ink has been changed and the recorders have been put in, to help ensure no future violations for that issue.

#### Facebook Page:

Tony reported that he believes that it is time for ECWD to get a Facebook page. To improve customer communication. Motion made by Blake Aubrey and seconded by Greg Nugent to establish a Facebook page. Motion carried.

#### HVAC at Wax Treatment Plant:

We have received two quotes and we are waiting on a third to come in to proceed with the mini split HVAC system at Wax Plant.

#### Distribution:

The total unaccounted for water loss for the month of September is 21.379 million gallons or 29.29%. System appearance is fair. Dylan reported that his crew is trying to stay caught up on leaks. Dylan reported that we have one of the new trucks in and the other one should be in next week. Blake reported that it will be \$180 to put the new logo on the trucks. We still have the two trucks on order that will not be arriving until 2024. Dylan reported that the axels are going out on the trailer and that we may want to look at putting a new trailer in next years budget.

#### Office:

There were 11,438 customers for the month of September. We collected 9,932 payments for the month. We disconnected 24 and rehung 7 in the same day.

#### Financial Report:

Miscellaneous revenue is down for the year, interest income is up, non-utility income is up and tap fees are up significantly due to the increase in rate. Tony reported that he has started working on the 2024 budget. He reported that we will have to make a budget amendment for 2023. Tony reported that we have quoted a locating machine. The company came and did a demo and the machine was 100% accurate south of the river.

#### Sewer:

Sewer revenue will be increasing due to the rate change. There will also be some changes on how things are classified, more items will be charged to the sewer system.

#### Approval of Checks:

Motion made by Greg Nugent and seconded by Barry Rich to approve the bills for September. Motion carried.

#### Antennas on Peonia Tank:

Tony reported that the company has been in contact with him about putting antennas on Peonia tank. The antennas would be clamped on there would not be any welding or painting. The board would need to decide on a cost, and to establish what would happen to their antennas if we need them removed to conduct maintenance. Tom will review the contract and we will re-evaluate at the next meeting.

#### Grayson County Line:

Tony reported that he has not heard anything else from Jeremy. Greg, Barry, and Tony met with governor who told them there was not any money available this year, but there may be funds available for a line item in next year's budget. Tony reported he had spoke with KRWA about getting a short-term loan. Gary Larimore reported that we may be able to work out a short-term loan and if it was written right in the budget, we could use the grant to pay off the loan. We could also do a long-term loan, but if we took that route, we would need to get PSC approval beforehand. Another option would be to cash in a CD. Motion made by Greg Nugent and seconded by Blake Aubrey to get the funding process started immediately. Tony reported that he will get with Gary Larimore on interest rates.

Tony spoke with Gary Larimore with KRWA on speaker phone. He advised Tony to update the profile and get the changes approved at the next Water Council meeting.

Bill Sent Out Later than Normal:

The bills were sent out a few days later than normal due to an issue with Bluegrass Communications. They were sent out within the required time, but it left little time for customers to receive their bill and mail it back in. Motion made by Blake Aubrey and seconded by Barry Rich to add penalties on Tuesday instead of Monday, so that customers would have the weekend and Monday to get their bills paid. Motion carried.

K. Shaw Proposal:

The board has decided to take no action on this matter at this time. Tony to inform Kevin Shaw of this decision.

Rate Proposal:

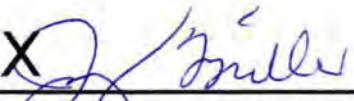
Tony presented the proposal from KRWA to prepare the rate study for the PSC for a cost of \$8,250. They will probably not be able to work us in until spring, but by signing the agreement we can get added to their list. Motion made by Blake Aubrey and seconded by Barry Rich to proceed with the rate study through KRWA. Motion carried.

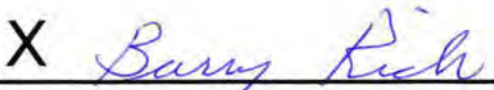
Class at Rural Water:

Blake reported that he and Jarrod would like to be registered to attend the Utility Law training on October 26<sup>th</sup>.

Adjourn:

Motion to adjourn made by Greg Nugent and seconded by Jimmy Mills. Meeting adjourned.

X   
Jimmy Mills

X   
Barry Rich

X   
Greg Nagent

X   
Blake Aubrey

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility:

Edmonson County Water District

For the Month of:

SEPTEMBER

Year:

2023

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED AND PURCHASED</b>	
2	Water Produced	72,384,000
3	Water Purchased	600,000
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>72,984,000</b>
5		
6	<b>WATER SALES</b>	
7	Residential	44,688,000
8	Commercial	3,025,000
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	
13	Other Sales (explain) _____	
14	<b>TOTAL WATER SALES</b>	<b>47,713,000</b>
15		
16	<b>OTHER WATER USED</b>	
17	Utility and/or Water Treatment Plant	2,238,200
18	Wastewater Plant	
19	System Flushing	1,152,200
20	Fire Department	1,000
21	Other Usage (explain) <u>PUMPS</u>	500,000
22	<b>TOTAL OTHER WATER USED</b>	<b>3,891,400</b>
23		
24	<b>WATER LOSS</b>	
25	Tank Overflows	
26	Line Breaks	9,826,340
27	Line Leaks	11,553,260
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	<b>TOTAL WATER LOSS</b>	<b>21,379,600</b>
32		
33	<b>Note:</b> Line 14 + Line 22 + Line 31 <b>MUST</b> Equal Line 4	
34		
35	<b>WATER LOSS PERCENTAGE</b>	
36	(Line 31 divided by Line 4)	29.29%

# MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS:

TOTAL GALLONS PUMPED	<u>72,984,000</u>	GALLONS FLUSHED	<u>1,152,200</u>
TOTAL GALLONS SOLD	<u>47,713,000</u>	NUMBER OF LEAKS	<u>46</u>
TOTAL GALLON LOSS	<u>25,271,000</u>	ESTIMATED GALLONS	<u>9,826,340</u>
PERCENTAGE LOSS	<u>34%</u>	RIVER HILL PUMPS	<u>500,000</u>
GALLONS ACCOUNTED FOR	<u>11,479,540</u>	TANK OVERFLOW	<u>1,000</u>
GALLONS UNACCOUNTED FOR	<u>13,791,460</u> 180%	OTHER F-Dept.	<u>1,000</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 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 checked="" type="checkbox"/> FAIR	<input type="checkbox"/> GOOD	<input type="checkbox"/> EXCELLENT
OFFICE GROUNDS	<input type="checkbox"/> POOR	<input checked="" type="checkbox"/> FAIR	<input 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 leaks caught up. New installs have been going good. Phone company still very hard to stay in front of. Got new torsets in waiting on second one.

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

Sep. 2023

D J W Hazelwood  
OPERATOR

10-9-23  
DATE



# Edmonson Co Water District

## Monthly Water Loss Report

Sept 2023

Brownsville WTP

<b>A:</b>	<b>Produced</b>	48.3720 MG		37.8440 MG	
	<b>Purchased</b>	_____ MG		_____ MG	
	<b>Total</b>	48.3720 MG		37.8440 MG	
	<b>Sold</b>				
	<i>Residential</i>	24.7080 MG		21.8715 MG	
	<i>Wholesale</i>	2.6720 MG		2.8069 MG	
		_____ MG		_____ MG	
	<b>Total Sold</b>	27.3800 MG		24.6784 MG	
<b>B:</b>	<b>Difference</b>	20.9920 MG		13.1656 MG	
	<b>% Difference</b>	43.40%		34.79%	
	<b>Gallons Acctd For:</b>				
	<i>Breaks</i>	_____ MG		_____ MG	
	<i>Hyd. Flushing</i>	_____ MG		_____ MG	
	<i>Tank Overflow</i>	_____ MG		_____ MG	
	<i>Plant Use</i>	0.7182 MG		0.5543 MG	
	<i>Fire Dept Use</i>	_____ MG		_____ MG	
	<i>Adjustments +/-</i>	_____ MG		_____ MG	
	<i>Wax</i>	2.410 MG		_____ MG	
<b>C:</b>	<b>Total Gallons Acctd</b>	3.128 MG		1.002 MG	
	<b>Loss Unacctd for Wa</b>	17.864 MG		12.164 MG	
	<b>% Loss Unacctd for</b>	36.93%		32.14%	
	<b>Gallons / Day (+ / -)</b>	595,467		423,933	
	<b>Gallons / Minute (+ / -)</b>	413		294	

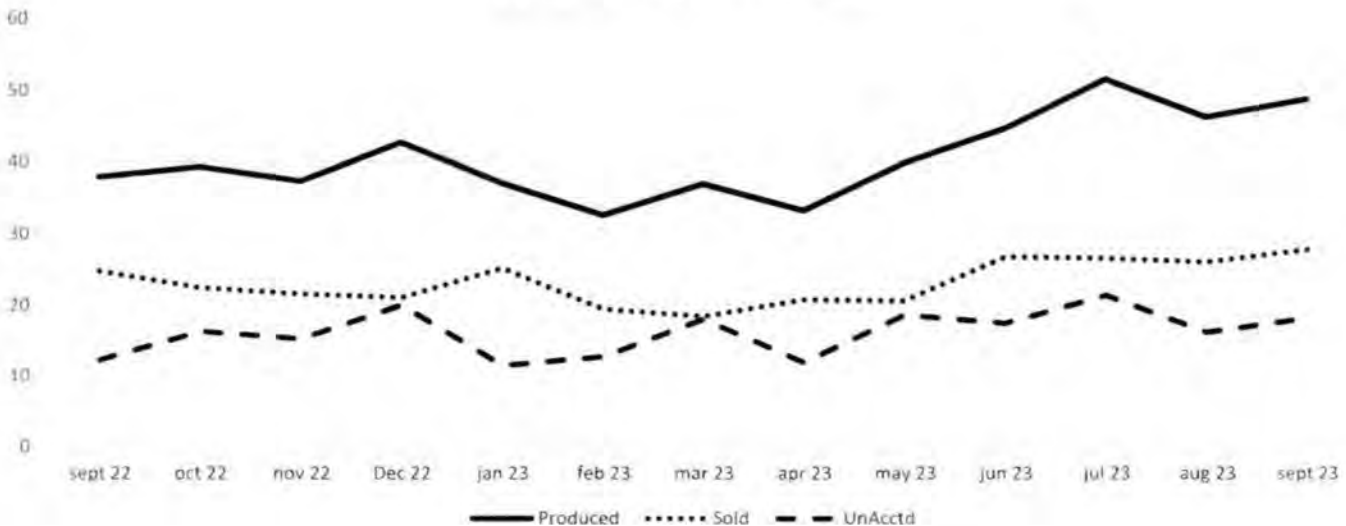
YTD Budget: 4.7% over

85.3 % Used

Past YTD Avg. Loss: 40.41%

YTD Loss: 39.15%

13 Mth Loss Rpt Bville WTP



# MONTHLY INSPECTION & REPORT FORM BROWNSVILLE TREATMENT PLANT

Gallons Pumped	48.372
Gallons Sold	27.380
Gallons Lost	17.864
Percentage Loss	36.93%
GPM Loss	413

Maximum Pumped	1.989
Minimum Pumped	1.004
Average Pumped	1.6120
Gallons Accounted for:	
Tank Overflow	0.000
Plant Use	0.7182
Computer Adj.	0.000
Other	2.410
Total	3.1282

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

<b>Treatment Plant Appearance</b>				
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  
Sept 2023 and that it is accurate to the best of my knowledge.

Tim Brewster  
Operator

October 9, 2023  
Date

## Monthly Water Loss Report

Sep-23		Wax	WTP
		Sep-22	Totals
<b>A:</b>	Produced	24.012 MG	22.852 MG
	Purchased	2.810 MG	MG
	<b>Total</b>	<b>26.821 MG</b>	<b>22.852 MG</b>
<b>Sold</b>	<i>Residential</i>	19.980 MG	16.3370 MG
	<i>Wholesale</i>	0.353 MG	MG
		0.000 MG	MG
	<b>Total Sold</b>	<b>20.333 MG</b>	<b>16.337 MG</b>
<b>B:</b>	Difference	6.488 MG	6.515 MG
	% Difference	27.02%	28.51%
<b>Gallons Acctd For:</b>			
	<i>Breaks</i>	MG	MG
	<i>Hyd. Flushing</i>	MG	MG
	<i>Tank Overflow</i>	MG	MG
	<i>Plant Use</i>	1.520 MG	0.970 MG
	<i>Fire Dept Use</i>	MG	MG
	<i>Adjustments +/-</i>	MG	MG
	<i>Other</i>	MG	MG
<b>C:</b>	Total Gallons Acctd F	1.520 MG	0.970 MG
	Loss Unacctd for Wa	4.968 MG	5.545 MG
	% Loss Unacctd for (	20.69%	24.61%
	Gallons / Day ( + / -	160,271	184,836
	Gallons / Minute ( +	111	128

YTD Budget: \_\_\_\_\_ % Used || Past YTD: 39.00%

AVG YTD Loss: 23.9%

# MONTHLY INSPECTION & REPORT FORM

wax treatment plant

Sep-23

Gallons Pumped	26.821
Gallons Sold	20.333
Gallons Lost	4.968
Percentage Loss	20.69%
GPM Loss	111

Maximum Pumped	0.891
Minimum Pumped	0.686
Average Pumped	0.800

Gallons Accounter	
Tank Overflow	0
Plant Use	1.520
Computer Adj.	0
Other	0
Total	1.520

**Booster Station Conditions**

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

**Tanks Conditions**

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

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

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

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

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

**Comments:**

Have parts to repair ach pump, replacing polymer pump new one ordered. Pumping slowing down not  
 ran forks PS since 9-24.

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With this report I certify that I have personally inspected the operation and maintenance for the month of  
 Sep-23 and that it is accurate to the best of my ability.

Blake Thompson

10-6-2023

Operator

Date

MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

Sep-23

9932 payments received in office for the the month  
1513 received from by mail  
287 received by walk in  
70 received by credit card  
2685 received from bankdraft  
900 received from drive thru  
4282 received from online  
195 received from n.d  
75 was the most customers walk in payments received  
93.00 Membership Fees Collected  
12 Tap Fees Collected

15.23% paid by mail  
2.89% paid by walk in  
0.70% paid by credit card  
27.03% paid by bankdraft  
9.06% paid by drive thru  
43.11% paid online  
1.96% paid by n.d.  
9/28/2023  
41.00 Reconnect Fees Collected

11,438 Customer 44,688,500 Total Gallons Sold  
2,672,000 Gals-City \$ 8,283.20 \$ Amount

\$ 382,282.55 \$ Amount  
\$ 161,275.65 Online Amount

1449 Phone Calls Logged  
 Routes 1-10 Delinques ent Notices mailed  
12 Customers Disconnected  
1 Rehung same day

441 Work Orders Prepared  
437

\$ 0.86  
 Cost Per 1,000 Gallons

Routes 11-21 Delinquent Notices mailed  
12 Customers Disconnected  
6 Rehung same day

265

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

Sep-23

<u>57</u> Customers		<u>Revenue Received</u>	
<u>248,000</u> Gallons Treated	<u>\$ 1,064.60</u>	Cost	
<u>2900</u> Gallons Treated	<u>11.6</u>	Cost	<u>\$ 1,076.20</u>
<u>0</u> Customers Disconnected			

Comments:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

  
 SIGNATURE

10/9/23  
 DATE

October 10, 2023

We have reviewed and approved the transactions for the month of September 2023 for the following accounts:

- 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)

The documents that have been reviewed are attached.

X

Jimmy Mills

X

Barry Rich

X

Grea Nugent

X

Jarrod Beatty

X

Blake Aubrey

October 24<sup>th</sup>, 2023

ECWD

Present: Jimmy Mills, Barry Rich, Greg Nugent, Jarrod Beatty, Blake Aubrey, Tony Sanders, Erica Wolfe, Jeff Basham, Tom Goff, Cameron Lasley

Minutes:

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

Telecast Communications/Cameron Lashley:

Mr. Lasley reported that he anticipates approximately 125-150 customers initially. He reports there are about 80 potential customers on Marc Circle and another 30 in another area. Currently those customers have no option for internet service. He reported that if the tank needed repair that he would rent a temporary tower that would be placed in the vicinity of the tank. Edmonson County Water would not be liable for those costs. The initial design is for 4 antennas and a single 2 ft disk on the Northeast side. The items would be attached by a compression clamp on the railing. He carries liability insurance that includes a two-million-dollar umbrella and one million per occurrence. Currently they utilize a water tank in the City of Hodgenville, two tanks in Larue County and they are working with Green Taylor to potentially utilize one of their tanks. Right now, they have a total of approximately 500 customers. They do not have a storefront they operate out of their home. Their antennas would need to utilize our electricity. At other locations they utilize about 30 watts per month which is less than the minimum bill. The company would need 24/7 access to the tank. Mr. Lasley reported that he typically places surveillance cameras on the tank as well. Blake Aubrey made a motion to accept the \$100 per month plus an extra \$1 per customer with yearly renewal seconded by Greg Nugent. Tom to draw up a contract. Telecast Communications will provide their own locks. Motion carries.

HVAC Quotes at Wax Plant:

We have received three bids for a new HVAC system at Wax Plant.

1.5 ton unit from Meinhardts \$3,400

18,000 btu from Simons \$4,400

1 ton unit from Abners \$2,950

Motion made by Jarrod Beatty to proceed with Meinhardt's seconded by Barry Rich. Motion carried.

Office Generator:

Tony reported that he got a call from R&R last week they will not be able to get us the 36kw, they will give us a 48kw at the same price. It will be about 16 weeks before it is in.

KRWA Membership Dues:

The cost of membership for 2024 is \$1,900 motion made by Blake Aubrey and seconded by Greg Nugent to pay the dues. Motion carried.

Loan for Grayson Co. Line Extension:

Tony reported that he spoke with Bank of Edmonson County and we could borrow on our CD at a 5.15% interest rate. The monthly payments would be approximately \$46,000 per month for two years. KRWA would do the loan at a 4.99% interest rate but there are fees associated with their loan. Greg Nugent will abstain from any voting on this matter.

Locke 5 Removal:

Tony reported that he has not received any update since the meeting. He has called Senator McConnell and Representative Guthrie's offices and made them aware of the situation. Tony reported that the Corps of Engineers is trying to come up with a temporary plan because if they do not remove the rest of the Locke by the end of the next year they will lose their funds.

Shoreline License at Wax Plant Fee:

Tony received a letter from the Corps of Engineers regarding a license that will be required to dredge. They will issue a 3-year shoreline license for \$4,800. Barry Rich reported that he is against spending more money on dredging. The board discussed that without this license they would not be able to dredge if we needed to. Motion made to pay the license fee by Jarrod Beatty and seconded by Blake Aubrey. Motion carries with Barry Rich voting against the motion.

Utility Law Training:

Tony reported that Tom is interested in attending the Utility Law training and would like to know if the fee would be covered by ECWD. Motion made by Barry Rich and seconded by Jimmy Mills to reimburse Tom for the training fees. Motion carried.



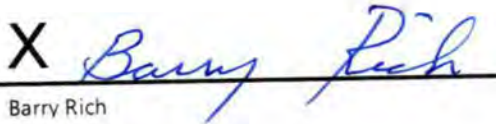
Email address for Water Commissioners:

Blake Aubrey would like a water district email to be set up for the water district commissioners.

Adjourn:

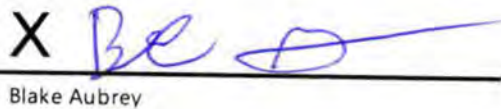
Motion made by Greg Nugent and seconded by Jarrod Beatty to adjourn the meeting. Meeting adjourned.

X   
Jimmy Mills

X   
Barry Rich

X   
Greg Nugent

X   
Jarrod Beatty

X   
Blake Aubrey

October 31<sup>st</sup>, 2023

Special Meeting

Present: Jimmy Mills, Greg Nugent, Blake Aubrey, Jarrod Beatty, Tony Sanders, Erica Wolfe

Closed Session:

Motion made by Greg Nugent and seconded by Blake Aubrey to go into closed session for personnel issues.

Motion made by Greg Nugent and seconded by Jarrod Beatty to come out of closed session. Motion carried.

Motion made by Greg Nugent and seconded by Jarrod Beatty to issue Marcie Hack a write up.

Adjourn:

Motion made by Blake Aubrey and seconded by Greg Nugent to adjourn the meeting. Meeting adjourned.

X

Jimmy Mills

X

Greg Nugent

X

Jarrod Beatty

X

Blake Aubrey

November 14<sup>th</sup>, 2023

ECWD

Present: Jimmy Mills, Barry Rich, Greg Nugent, Jarrod Beatty, Blake Aubrey, Tom Goff, Tony Sanders, Judge Executive Scott Lindsey, Jeff Basham, Tim Brewster, Dylan Hazelwood, Blake Thompson, Erica Wolfe

Minutes:

Motion made by Jarrod Beatty and seconded by Barry Rich to dispense the reading of the minutes.  
Motion carried.

Financial Report:

We took in \$373,791 for the month and \$3,601,513 for the year which is approximately \$100,000 more than the previous year. Tony reported that the increase in tap fees has helped a lot, had we not requested that change we would have lost a lot of money on new installs. It was discussed that when we do the rate case next year, we would like for an increase in reconnect fees, as we lose money on that every month.

Budget:

For 2023 we budgeted expenses of \$3,606,771 and we have spent \$3,148,716. We have one more batch of meters to get and pay for this year. Tony reported he will have the budget amendment ready for review and approval at the first meeting in December. Distribution has been over budget for inventory and the treatment plants have been over budget due to maintenance expenses, Admin is over budget for contractual services in part due to these mailings for the NOV's.

Sewer:

Our bond coverage is good, and will be better next year due to increased rates. We are going to be accounting for more expenses in sewer (insurance, payroll, benefits, etc) as ordered by the PSC.

Budget for 2024:

Tony reported that we need to come up with another \$163,000 in the budget in reserves and carryover he reported that we may have to add in additional reserves.

Grayson County Line Extension:

Tony reported that we would not be able to afford a 2-year loan for the project, the payment would be approximately \$46,000 per month and we would not be able to afford that in next years budget. He reported that he has been talking to Representatives and we are hoping to get a line item in the budget to cover all or part of the project. Tony recommends leaving the project out of the budget for now and we can do an amendment if needed once we know how we are proceeding.

## O&M Reports:

### Brownsville:

Brownsville produced 44.786 million gallons for the month of October, sold 23.675 million gallons, and after plant use, they had a total unaccounted for water loss of 20.427 million gallons or 45.61%. Tim Brewster reported that all testing has been done as required, housekeeping and maintenance have been completed according to the manual and reports have been completed on time. Tim reports that currently the water levels are fine both Nolin and Green have been releasing. Tim reports that the fall draw down has gone better than in previous years. Tim reports that this set of NOVs should be the last set (for August and September) there are no more issues that he has been made aware of. Currently Brownsville plant is not having to send any water to Wax Plant.

### Wax:

Wax produced 23.273 million gallons of water for the month of October and sold 15.545 million gallons after plant use, they had an unaccounted-for water loss of 6.507 million gallons or 27.96%. Blake reported that all housekeeping, maintenance, testing, and reports have been completed according to the manual and that plant and intake appearance is good. Blake reported that they have been using the middle and bottom intake for the last few days. The lake is about six feet from being down to winter pool, it has been dropping about a foot per day. The diver will be there to repair the air line this weekend. It was reported that a new pump needs to be ordered, the commissioners thought a spare pump had already been purchased. They were also asked if they had been doing clean up at the plant. Jeff reported that they have been working on getting things cleaned up around there.

### Distribution:

Total water produced for the month 68.059 million gallons, total sold is 39.614 million gallons the total unaccounted for water loss is 23.780 million gallons or 34.94%. Dylan reports that we have 2 trucks down right now, the transmission is out of one of them and the power steering is out on the other one. There is a least a 2 week wait on repair. We have two more trucks ordered but they do not have a ship date until January or February of next year. The pump at Sleepy Hollow has also been having issues. Last week an axel also broke on a trailer while it was being used. Dylan has been talking to someone at Leitchfield Trailers about repairing one trailer and potentially repairing/replacing the other. Luke Decker has given his notice his last day will be next Friday. Dylan reported that Joey Decker is interested in getting his CDLs but at this time he would not be eligible for a pay increase if he did, Dylan would like that to be taken into consideration.

### Office:

We had 11,490 customers at the end of October, took in 10,585 payments, logged 1,461 phone calls, and created 348 work orders. We are continuing to mail out lead and copper surveys.

### Equipment at Wax Plant:

Tony reported that they received an email from Jeff Morris at HTI and a lot of equipment at Wax Plant is now obsolete. To get the needed equipment updated he is estimating about \$50-60,000.

Approval of Bills:

Motion made by Barry Rich and seconded by Greg Nugent to approve the bills. Motion carried.

Hwy 88 Pump Station/Big Windy:

The owner agreed to sign an easement to put the pump station on their property in the past we have paid \$500 for other similar contracts. Motion made by Barry Rich and seconded by Blake Aubrey to pay \$500 for the easement. Motion carried.

Regional Water Meeting:

Tony reported that Morgan at the ADD District will proceed with the RFQ/RFP. One of the first steps would be to decide on a location that would best serve all three counties involved. Tony reported that the project profile would need to be put together by the end of the month. Tony will be meeting with Andrew from Green River Valley Water District and Jeremy from Grayson County Water District on Friday to work on that.

Locke 5:

Tony reported that he does not have an update on the Locke other than the Corps and the Nature Conservancy would like to have another meeting soon.

Back Up Plan at Wax Plant:

Tim Brewster reported that he had created the emergency plan for Wax Plant.

Identity Theft/Check Issue:

Tony reported that our Operating and Maintenance account had to be closed due to someone stealing one of our checks issued to a vendor and altering it. The bank reimbursed our money and we have opened another account. Tony reported that we are looking into utilizing electronic withdraws and changing the envelopes for our checks.

Adjourn:

Motion made by Blake Aubrey to adjourn, seconded by Barry Rich. Meeting adjourned.

X *Jimmy Mills*

Jimmy Mills

X *Barry Rich*

Barry Rich

X

Greg Nuqent

X *Jarrold Beatty*

Jarrold Beatty

X

Blake Aubrey

*Blake Aubrey*

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility:

For the Month of:  Year:

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED AND PURCHASED</b>	
2	Water Produced	68,059,000
3	Water Purchased	
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>68,059,000</b>
5		
6	<b>WATER SALES</b>	
7	Residential	36,353,100
8	Commercial	3,261,800
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	
13	Other Sales (explain)	
14	<b>TOTAL WATER SALES</b>	<b>39,614,900</b>
15		
16	<b>OTHER WATER USED</b>	
17	Utility and/or Water Treatment Plant	1,510,300
18	Wastewater Plant	
19	System Flushing	2,647,400
20	Fire Department	6,300
21	Other Usage (explain) PUMPS	500000
22	<b>TOTAL OTHER WATER USED</b>	<b>4,664,000</b>
23		
24	<b>WATER LOSS</b>	
25	Tank Overflows	
26	Line Breaks	4,912,420
27	Line Leaks	18,867,680
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	<b>TOTAL WATER LOSS</b>	<b>23,780,100</b>
32		
33	<b>Note:</b> Line 14 + Line 22 + Line 31 <b>MUST</b> Equal Line 4	
34		
35	<b>WATER LOSS PERCENTAGE</b>	
36	(Line 31 divided by Line 4)	34.94%

## MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS:

TOTAL GALLONS PUMPED	<u>68,059,000</u>	GALLONS FLUSHED	<u>2,647,400</u>
TOTAL GALLONS SOLD	<u>39,614,900</u>	NUMBER OF LEAKS	<u>33</u>
TOTAL GALLON LOSS	<u>28,444,100</u>	ESTIMATED GALLONS	<u>4,912,420</u>
PERCENTAGE LOSS	<u>41%</u>	RIVER HILL PUMPS	<u>500,000</u>
GALLONS ACCOUNTED FOR	<u>8,066,120</u>	TANK OVERFLOW	<u>        </u>
GALLONS UNACCOUNTED FOR	<u>20,377,980</u> <u>29%</u>	OTHER <u>F-Dep.</u>	<u>6,300</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	_____ POOR	<input checked="" type="checkbox"/>	FAIR	_____ GOOD	_____ EXCELLENT
PRESSURE STATION	_____ POOR	<input checked="" type="checkbox"/>	FAIR	_____ GOOD	_____ EXCELLENT
TANK SITE	_____ POOR	<input checked="" type="checkbox"/>	FAIR	_____ GOOD	_____ EXCELLENT
BOOSTER STATION	_____ POOR	<input checked="" type="checkbox"/>	FAIR	_____ GOOD	_____ EXCELLENT
STORAGE YARD & LOT	_____ POOR	<input checked="" type="checkbox"/>	FAIR	_____ GOOD	_____ EXCELLENT
MAINTAINANCE	_____ POOR	<input checked="" type="checkbox"/>	FAIR	_____ GOOD	_____ EXCELLENT
OFFICE GROUNDS	_____ POOR	<input checked="" type="checkbox"/>	FAIR	_____ GOOD	_____ EXCELLENT
VALVES	_____ POOR	<input checked="" type="checkbox"/>	FAIR	_____ GOOD	_____ EXCELLENT
METERS	_____ POOR	<input checked="" type="checkbox"/>	FAIR	_____ GOOD	_____ 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: Still trying to leak hunt and keep leaks caught up.  
Having alot of water leaks. Also still trying to stay ahead of phone.  
Company. Bo's crew is changing several meters a day now. Got Kirk back  
going on New install's. Ford F-150's suppose to be here in Feb. 2024

WITH THIS REPORT I CERTIFY THAT I HAVE INSPECTED THE OPERATION AND MAINTAINANCE FOR THE MONTH OF  
Oct. 2023  
S J W Haythorn  
 OPERATOR

11-8-23  
DATE



# Edmonson Co Water District

## Monthly Water Loss Report

Oct 2023

**Brownsville** WTP

		October-22	Totals
<b>A: Produced</b>			
	Purchased	44.7860 MG	39.197 MG
	Total	44.7860 MG	39.197 MG
<b>Sold</b>	<i>Residential</i>	20.8081 MG	19.8552 MG
	<i>Wholesale</i>	2.8678 MG	2.531 MG
	<i>Wax WTP</i>	MG	MG
	<b>Total Sold</b>	23.6759 MG	22.386 MG
<b>B: Difference</b>		21.1101 MG	16.811 MG
<b>% Difference</b>		47.14%	42.89%
<b>Gallons Acctd For:</b>			
	<i>Breaks</i>	MG	MG
	<i>Hyd. Flushing</i>	MG	MG
	<i>Tank Overflow</i>	MG	MG
	<i>Plant Use</i>	0.6833 MG	0.594 MG
	<i>Fire Dept Use</i>	MG	MG
	<i>Adjustments +/-</i>	MG	MG
	<i>Other (Wax)</i>	MG	MG
<b>C: Total Gallons Acctd For:</b>		0.683 MG	0.594 MG
<b>Loss Unacctd for Water (B-C)</b>		20.427 MG	16.217 MG
<b>% Loss Unacctd for (B-C)/A</b>		45.61%	41.37%
<b>Gallons / Day (+/-)</b>		465,387	542,290
<b>Gallons / Minute (+/-)</b>		323,185	377

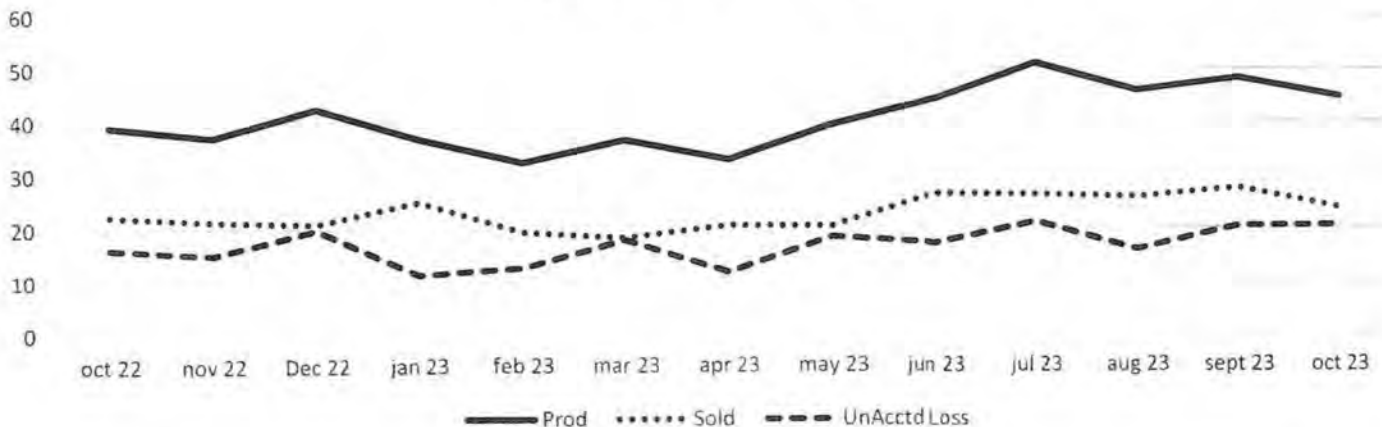
Past YTD Avg.

YTD Budget: \_\_\_\_\_ % Used

Loss: 40.51%

YTD Avg Loss: 40.29%

13 Mth Loss Bville WTP



# MONTHLY INSPECTION & REPORT FORM BROWNSVILLE TREATMENT PLANT

Gallons Pumped	44.786
Gallons Sold	23.676
Gallons Lost	20.427
Percentage Loss	45.61%
GPM Loss	323,185

Maximum Pumped	2.5360
Minimum Pumped	1.1030
Average Pumped	1.4447

Gallons Accounted for:	
Tank Overflow	0.000
Plant Use	0.683
Computer Adj.	0.000
Other	0.000
<b>Total</b>	<b>0.683</b>

**Booster Station Conditions**

<i>Building &amp; Grounds</i>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent
<i>Electrical &amp; 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**

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

<i>Evidence of overflow</i>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent
	<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 &amp; 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	

*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

With this report I certify that I have personally inspected the operation and maintenance for the month of  
Oct 2023 and that it is accurate to the best of my knowledge.

Tim Brewster

11/8/2023

Operator

Date

# Edmonson Co Water District

## Monthly Water Loss Report

	Oct-23		Wax	WTP
			Oct-22	Totals
<b>A:</b>				
Produced	23.273 MG		23.217 MG	
Purchased	_____ MG		0 MG	
Total	23.273 MG		23.375 MG	
Sold				
<i>Residential</i>	15.545 MG		14.1950 MG	
<i>grvd</i>	0.394 MG		_____ MG	
Total Sold	15.939 MG		14.195 MG	
<b>B:</b>				
Difference	7.334 MG		9.180 MG	
% Difference	31.51%		39.27%	
Gallons Acctd For:				
<i>Breaks</i>	_____ MG		_____ MG	
<i>Hyd. Flushing</i>	_____ MG		_____ MG	
<i>Tank Overflow</i>	_____ MG		_____ MG	
<i>Plant Use</i>	0.827 MG		0.761 MG	
<i>Fire Dept Use</i>	_____ MG		_____ MG	
<i>Adjustments +/-</i>	_____ MG		_____ MG	
<i>Other</i>	_____ MG		_____ MG	
<b>C:</b>				
Total Gallons Acctd For:	0.827 MG		0.761 MG	
Loss Unacctd for Water (B-C)	6.507 MG		8.419 MG	
% Loss Unacctd for (B-C)/A	27.96%		36.02%	
Gallons / Day (+ / -)	209,900		271587	
Gallons / Minute (+ / -)	146		189	

YTD Budget: \_\_\_\_\_ % Used || Past YTD: \_\_\_\_\_

AVG YTD Loss: \_\_\_\_\_



MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

Oct-23

<u>10585</u> payments received in office for the the month	
<u>1825</u> received from by mail	<u>17.24%</u> paid by mail
<u>331</u> received by walk in	<u>3.13%</u> paid by walk in
<u>55</u> received by credit card	<u>0.52%</u> paid by credit card
<u>2689</u> received from bankdraft	<u>25.40%</u> paid by bankdraft
<u>988</u> received from drive thru	<u>9.33%</u> paid by drive thru
<u>4516</u> received from online	<u>42.66%</u> paid online
<u>181</u> received from n.d	<u>1.71%</u> paid by n.d.
<u>36</u> was the most customers walk in payments received	<u>10/18/2023</u>
<u>78.00</u> Membership Fees Collected	<u>33.00</u> Reconnect Fees Collected
<u>8</u> Tap Fees Collected	

<u>11,490</u> Customer	<u>36,352,800</u> Total Gallons Sold	<u>\$ 339,930.36</u>
<u>2,867,800</u> Gals-City	<u>\$ 8,890.18</u> \$ Amount	<u>\$ 164,516.70</u> Online Amount

<u>1461</u> Phone Calls Logged	<u>348</u> Work Orders Prepared	
Routes 1-10 Delinques ent Notices mailed	<u>462</u>	
<u>13</u> Customers Disconnected		<u>\$ 0.94</u>
<u>4</u> Rehung same day		Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	<u>427</u>	
<u>18</u> Customers Disconnected		
<u>2</u> Rehung same day		

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

Oct-23

<u>57</u> Customers	<u>\$ 7,250.25</u> Revenue Received	
<u>181,000</u> Gallons Treated	<u>\$ 724.00</u> Cost	
<u>3400</u> Gallons Treated	<u>13.6</u> Cost	<u>\$ 737.60</u>
<u>0</u> Customers Disconnected		

Comments:

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SIGNATURE

11/13/23  
DATE



November 14, 2023

We have reviewed and approved the transactions for the month of October 2023 for the following accounts:

- 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)

The documents that have been reviewed are attached.

X  X   
Jimmy Mills Barry Rich

X  X   
Greg Nuqent Jarrod Beatty

X   
Blake Aubrey



Fiscal Year: 2024

Fund Name: Edmonson County Water District

<b>SPGE Budget Summary - Enterprise - Water</b>	<u>Water 2024</u>	<u>Sewer 2024</u>	<u>Total 2024</u>
<b><u>Utility Operating Income</u></b>			
Operating Revenues	\$4,114,055	\$32,690	\$4,146,745
Operation and Maintenance Expenses	\$3,656,760	\$20,541	\$3,677,301
Depreciation Expense	\$865,000	\$34,500	\$899,500
Amortization Expense	\$0	\$0	\$0
Taxes Other Than Income	\$136,457	\$0	\$136,457
<b>Net Utility Operating Expenses Subtotal</b>	<b>\$4,658,217</b>	<b>\$55,041</b>	<b>\$4,713,258</b>
<b>Utility Operating Income (Loss)</b>	<b>-\$544,162</b>	<b>-\$22,351</b>	<b>-\$566,513</b>
<b><u>Other Income and (Deductions)</u></b>			
Net Results/Merchandising, Jobbing & Contract Work	\$0	\$0	\$0
Interest and Dividend Income	\$100,000	\$5,000	\$105,000
Income from Utility Plant Leased to Others	\$9,500	\$0	\$9,500
Gains (Losses) from Disposition of Utility Property	\$25,000	\$0	\$25,000
Borrowed Money	\$0	\$0	\$0
Allowance for Funds Used During Construction	\$0	\$0	\$0
Nonutility Income	\$36,000	\$0	\$36,000
<b>Other Income Subtotal</b>	<b>\$170,500</b>	<b>\$0</b>	<b>\$175,500</b>
Miscellaneous Nonutility Expenses	\$0	\$0	\$0
Taxes Other Than Income	\$0	\$0	\$0
Interest Expense	\$286,567	\$3,120	\$289,687
Capital Expenditures	\$500,000	\$5,000	\$505,000
Principal Loan Payments	\$544,500	\$2,200	\$546,700
<b>Other Deduction Subtotal</b>	<b>\$1,331,067</b>	<b>\$10,320</b>	<b>\$1,341,387</b>
<b>Total Other Income and (Deductions)</b>	<b>-\$1,160,567</b>	<b>-\$10,320</b>	<b>-\$1,165,887</b>
<b><u>Net Assets</u></b>			
<b>Income Before Contributions &amp; Extraordinary Items</b>	<b>-\$1,704,729</b>	<b>-\$32,671</b>	<b>-\$1,732,400</b>
Carryover From Prior Fiscal Year	\$646,400	\$50,000	\$696,400
Proceeds from Capital Contributions	\$2,906,389	\$0	\$2,906,389
Add In Depreciation/Amortization	\$865,000	\$34,500	\$899,500
Net Extraordinary Items	\$0	\$0	\$0
<b>Change In Net Assets (Ending Cash Balance)</b>	<b>\$2,713,060</b>	<b>\$51,829</b>	<b>\$2,769,889</b>



**SPGE - Budget Workbook - Enterprise - Water**

Water 2024

Sewer 2024

Total 2024

**Utility Operating Income**

**Operating Revenues**

**Sales of Water (sub-category)**

460	Unmetered Water Revenue	\$0.00	\$0.00	\$0.00
461.1	Metered Water Revenue - Residential	\$3,943,988.00	\$30,941.00	\$3,974,929.00
461.2	Metered Water Revenue - Commercial	\$0.00	\$0.00	\$0.00
461.3	Metered Water Revenue - Industrial	\$0.00	\$0.00	\$0.00
461.4	Metered Water Revenue - Public Authorities	\$0.00	\$0.00	\$0.00
461.5	Metered Water Revenue - Multiple Family Dwellings	\$0.00	\$0.00	\$0.00
461.6	Metered Water Revenue - Bulk Loading Stations	\$0.00	\$0.00	\$0.00
462	Fire Protection Revenue	\$0.00	\$0.00	\$0.00
465	Sales to Irrigation Customers	\$0.00	\$0.00	\$0.00
466	Sales for Resale	\$98,590.00	\$0.00	\$98,590.00
	<b>Subtotal Sales of Water</b>	<b>\$4,042,578.00</b>	<b>\$30,941.00</b>	<b>\$4,073,519.00</b>

**Other Water Revenues (sub-category)**

470	Forfeited Discounts	\$56,977.00	\$298.68	\$57,275.68
471	Miscellaneous Service Revenues	\$14,500.00	\$1,450.00	\$15,950.00
472	Rents from Water Property	\$0.00	\$0.00	\$0.00
473	Interdepartmental Rents	\$0.00	\$0.00	\$0.00
474	Other Water Revenues	\$0.00	\$0.00	\$0.00
	<b>Subtotal Other Water Revenues</b>	<b>\$71,477.00</b>	<b>\$1,748.68</b>	<b>\$73,225.68</b>

**Total Operating Revenues**

**\$4,114,055.00      \$32,689.68      \$4,146,744.68**

**Operation and Maintenance Expenses**

601	Salaries and Wages - Employees	\$1,513,234.00	\$3,991.00	\$1,517,225.00
603	Salaries and Wages - Commissioners	\$30,000.00	\$150.00	\$30,150.00
604	Employee Pensions and Benefits	\$0.00	\$550.00	\$550.00
	Medical/Life Insurance	\$280,491.00	\$0.00	\$280,491.00
	Retirement Benefits	\$118,568.00	\$0.00	\$118,568.00
	Other	\$9,500.00	\$0.00	\$9,500.00
	<b>Subtotal Employee Pensions and Benefits</b>	<b>\$1,951,793.00</b>	<b>\$4,691.00</b>	<b>\$1,956,484.00</b>
610	Purchased Water	\$10,000.00	\$0.00	\$10,000.00
615	Purchased Power	\$313,000.00	\$0.00	\$313,000.00
616	Fuel for Power Production	\$0.00	\$0.00	\$0.00
618	Chemicals	\$152,797.00	\$0.00	\$152,797.00
620	Materials and Supplies	\$644,970.00	\$0.00	\$644,970.00





**SPGE - Budget Workbook - Enterprise - Water**

		<u>Water 2024</u>	<u>Sewer 2024</u>	<u>Total 2024</u>
631	Contractual Services - Engineering	\$20,000.00	\$0.00	\$20,000.00
632	Contractual Services - Accounting	\$20,000.00	\$0.00	\$20,000.00
633	Contractual Services - Legal	\$7,000.00	\$0.00	\$7,000.00
634	Contractual Services - Management Fees	\$0.00	\$0.00	\$0.00
635	Contractual Services - Testing	\$40,000.00	\$0.00	\$40,000.00
636	Contractual Services - Other	\$237,500.00	\$15,000.00	\$252,500.00
641	Rental of Building/Real Property	\$0.00	\$200.00	\$200.00
642	Rental of Equipment	\$6,550.00	\$0.00	\$6,550.00
650	Transportation Expenses	\$105,850.00	\$250.00	\$106,100.00
656	Insurance - Vehicle	\$0.00	\$0.00	\$0.00
657	Insurance - General Liability	\$52,000.00	\$0.00	\$52,000.00
658	Insurance - Workers' Compensation	\$14,000.00	\$0.00	\$14,000.00
659	Insurance - Other	\$2,500.00	\$0.00	\$2,500.00
660	Advertising Expense	\$2,500.00	\$0.00	\$2,500.00
665/667	Regulatory Commission Expense	\$0.00	\$0.00	\$0.00
668	Water Resource Conservation Expense	\$0.00	\$0.00	\$0.00
670	Bad Debt Expense	\$12,500.00	\$0.00	\$12,500.00
675	Miscellaneous Expenses	\$63,800.00	\$400.00	\$64,200.00
<b>Total Operation and Maintenance Expenses</b>		<b>\$3,656,760.00</b>	<b>\$20,541.00</b>	<b>\$3,677,301.00</b>
<b>Depreciation Expense</b>				
403	Depreciation Expense on Utility Plant	\$865,000.00	\$34,500.00	\$899,500.00
<b>Amortization Expense</b>				
406	Amortization of Utility Plant Acquisition Adjustments	\$0.00	\$0.00	\$0.00
407	Amortization Expense	\$0.00	\$0.00	\$0.00
<b>Total Amortization Expense</b>		<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Taxes Other Than Income</b>				
408.1	Utility Regulatory Assessment Fees	\$6,200.00	\$0.00	\$6,200.00
408.11	Property Taxes	\$0.00	\$0.00	\$0.00
408.12	Payroll Taxes	\$130,257.00	\$0.00	\$130,257.00
408.13	Other Taxes and Licenses	\$0.00	\$0.00	\$0.00
<b>Total Taxes Other Than Income</b>		<b>\$136,457.00</b>	<b>\$0.00</b>	<b>\$136,457.00</b>
<b>Net Utility Operating Expenses Subtotal</b>		<b>\$4,658,217.00</b>	<b>\$55,041.00</b>	<b>\$4,713,258.00</b>
<b>Utility Operating Income (Loss)</b>		<b>-\$544,162.00</b>	<b>-\$22,351.32</b>	<b>-\$566,513.32</b>



**SPGE - Budget Workbook - Enterprise - Water**

Water 2024

Sewer 2024

Total 2024

<b>Other Income and (Deductions)</b>				
<b><u>Net Results of Merchandising, Jobbing and Contract Work</u></b>				
415	Revenues from Merchandising, Jobbing and Contract Work	\$0.00	\$0.00	\$0.00
416	Costs & Expenses of Merchandising, Jobbing & Contract Work	\$0.00	\$0.00	\$0.00
	<b>Net Merchandising, Jobbing and Contract Work</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b><u>Interest and Dividend Income</u></b>				
419	Interest and Dividend Income	\$100,000.00	\$5,000.00	\$105,000.00
<b><u>Income from Utility Plant Leased to Others</u></b>				
413	Income from Utility Plant Leased to Others	\$9,500.00	\$0.00	\$9,500.00
<b><u>Gains (Losses) from Disposition of Utility Property</u></b>				
414	Gains (Losses) from Disposition of Utility Property	\$25,000.00	\$0.00	\$25,000.00
<b><u>Borrowed Money</u></b>				
414	Borrowed Money	\$0.00	\$0.00	\$0.00
<b><u>Allowance for Funds Used During Construction</u></b>				
420	Allowance for Funds Used During Construction	\$0.00	\$0.00	\$0.00
<b><u>Nonutility Income</u></b>				
421	Nonutility Income	\$36,000.00	\$0.00	\$36,000.00
	<b>Other Income Subtotal</b>	<b>\$170,500.00</b>	<b>\$0.00</b>	<b>\$175,500.00</b>
<b><u>Miscellaneous Nonutility Expenses</u></b>				
426	Miscellaneous Nonutility Expenses	\$0.00	\$0.00	\$0.00
<b><u>Taxes Other Than Income</u></b>				
408.2	Taxes Other Than Income (Other Income and Deductions)	\$0.00	\$0.00	\$0.00
<b><u>Interest Expense</u></b>				
427.1	Interest on Debt to Associated Companies	\$0.00	\$0.00	\$0.00
427.2	Interest on Short-Term Debt	\$0.00	\$0.00	\$0.00
427.3	Interest on Long-Term Debt	\$286,567.00	\$3,120.00	\$289,687.00
427.4	Interest on Customer Deposits	\$0.00	\$0.00	\$0.00
427.5	Interest - Other	\$0.00	\$0.00	\$0.00
428	Amortization of Debt Discount and Expense	\$0.00	\$0.00	\$0.00



**SPGE - Budget Workbook - Enterprise - Water**

		<u>Water 2024</u>	<u>Sewer 2024</u>	<u>Total 2024</u>
429	Amortization of Premium on Debt	\$0.00	\$0.00	\$0.00
<b>Total Interest Expense</b>		<b>\$286,567.00</b>	<b>\$3,120.00</b>	<b>\$289,687.00</b>
<b><u>Capital Expenditures</u></b>				
	Capital Expenditures	\$500,000.00	\$5,000.00	\$505,000.00
<b><u>Principal Loan Payments</u></b>				
	Principal Loan Payments	\$544,500.00	\$2,200.00	\$546,700.00
<b><u>Other Deductions Subtotal</u></b>		<b>\$1,331,067.00</b>	<b>\$10,320.00</b>	<b>\$1,341,387.00</b>
<b>Total Other Income and Deductions</b>		<b>-\$1,160,567.00</b>	<b>-\$10,320.00</b>	<b>-\$1,165,887.00</b>
<b>Net Assets</b>				
	Income Before Contributions & Extraordinary Items	<b>-\$1,704,729.00</b>	<b>-\$32,671.32</b>	<b>-\$1,732,400.32</b>
<b><u>Carryover From Prior Fiscal Year</u></b>				
	Carryover as of January 1	\$245,000.00	\$50,000.00	\$295,000.00
	Reserves	\$401,400.00	\$0.00	\$401,400.00
	Investments	\$0.00	\$0.00	\$0.00
<b>Total Carryover From Fiscal Year</b>		<b>\$646,400.00</b>	<b>\$50,000.00</b>	<b>\$696,400.00</b>
<b><u>Proceeds from Capital Contributions</u></b>				
432	Proceeds from Capital Contributions (sub-category)	\$0.00	\$0.00	\$0.00
	Federal Grants	\$2,676,389.00	\$0.00	\$2,676,389.00
	State Grants	\$0.00	\$0.00	\$0.00
	Other Grants	\$0.00	\$0.00	\$0.00
	Customer Contributions	\$230,000.00	\$0.00	\$230,000.00
<b>Subtotal Proceeds from Capital Contributions</b>		<b>\$2,906,389.00</b>	<b>\$0.00</b>	<b>\$2,906,389.00</b>
<b><u>Add In Depreciation/Amortization</u></b>				
432	Depreciation/Amortization	<b>\$865,000.00</b>	<b>\$34,500.00</b>	<b>\$899,500.00</b>
<b><u>Net Extraordinary Items</u></b>				
433	Extraordinary Income	\$0.00	\$0.00	\$0.00
434	(Extraordinary Deductions)	\$0.00	\$0.00	\$0.00
<b>Net Extraordinary Items</b>		<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>CHANGE IN NET ASSETS (ENDING CASH BALANCE)</b>		<b>\$2,713,060.00</b>	<b>\$51,828.68</b>	<b>\$2,769,888.68</b>

## Abbreviated Projected Cash Flow

### Estimate

Income (Loss) Before Contributions & Extraordinary Items	\$ (544,162.00)
Items in Operations Not Requiring Cash:	
Depreciation	\$ 865,000.00
Amortization	
Others (define)	\$ -
Results Projected from Operations	\$ 320,838.00
Cash to be Received from Loans	\$ -
Proceeds from Capital Contributions	\$ 2,906,389.00
Cash to be Received - Other (define)# 421, #414 & #419 #413	\$ 170,500.00
Total Cash to be Received Other Than From Operations	\$ 3,076,889.00
Cash to be Expended for Purchase/Construction of Utility Plant	\$ 500,000.00
Cash to be Expended for Principal Payments	\$ 544,500.00
Cash to be Expended - Other (define) <u>Long Term Debt</u>	\$ 286,567.00
Total Cash to be Expended Other Than From Operations	\$ 1,331,067.00
Projected Change in Cash	\$ 2,066,660.00
Projected Beginning Cash Balance	\$ 646,400.00
Projected Ending Cash Balance	\$ 2,713,060.00

## Schedule Long Term-Debt / 2024

Long Term Debt	Original Issue Amount	Projected Beginning Balance	Projected Principle Payment	Projected Ending Balance	Projected Interest Payment
RD 91-20 2001	\$ 3,837,000.00	\$ 2,288,000.00	\$ 103,000.00	\$ 2,185,000.00	\$ 74,360.00
RD 91-35 2010-B	\$ 570,000.00	\$ 446,000.00	\$ 12,000.00	\$ 434,000.00	\$ 10,035.00
RD 91-37 2010-B	\$ 700,000.00	\$ 548,000.00	\$ 15,000.00	\$ 533,000.00	\$ 12,330.00
RD 91-39 2013-A	\$ 504,000.00	\$ 428,500.00	\$ 10,500.00	\$ 418,000.00	\$ 9,105.63
RD 91-41 2013-B	\$ 160,000.00	\$ 140,500.00	\$ 3,000.00	\$ 137,500.00	\$ 4,215.00
RD 91-43 2019	\$ 1,032,000.00	\$ 972,000.00	\$ 21,000.00	\$ 951,000.00	\$ 14,580.00
RD 92-26 SEWER	\$ 100,000.00	\$ 73,400.00	\$ 2,200.00	\$ 71,200.00	\$ 3,119.50
KRWFC 2008-C	\$ -	\$ -	\$ -	\$ -	\$ -
KRWFC 2012-D	\$ 2,900,000.00	\$ 1,575,000.00	\$ 140,000.00	\$ 1,435,000.00	\$ 59,672.00
KRWFC 2013-B	\$ 1,960,000.00	\$ 595,000.00	\$ 140,000.00	\$ 455,000.00	\$ 18,923.00
KRWFC 2020-C	\$ 3,325,000.00	\$ 2,970,000.00	\$ 100,000.00	\$ 2,870,000.00	\$ 83,347.00
				\$ -	
				\$ -	
				\$ -	
<b>Total Long-Term Debt Water</b>		<b>\$ 9,963,000.00</b>	<b>\$ 544,500.00</b>	<b>\$ 9,418,500.00</b>	<b>\$ 286,567.63</b>
<b>Total Long Term Debt Sewer</b>		<b>\$ 73,400.00</b>	<b>\$ 2,200.00</b>	<b>\$ 71,200.00</b>	<b>\$ 3,119.50</b>
<b>Total Long Term Debt</b>			<b>\$ 546,700.00</b>		<b>\$ 289,687.13</b>

### Reserve Funding Requirements

	Projected Beginning Balance	Required Funding For Budget Year	Projected Ending Balance
Bond & Interest Sinking Fund			
Depreciation Reserve Fund	\$ 877,530.00		\$ 877,530.00
Debt Service Fund-Interest on Long Term	\$ -	\$ 289,687.13	\$ -
Other: Short Term Depr. Reserve Fund	\$ 310,910.00	\$ 101,004.00	\$ 310,910.00
<b>Total</b>	<b>\$ 1,188,440.00</b>	<b>\$ 390,691.13</b>	<b>\$ 1,188,440.00</b>

The District is in compliance with all reserve funding requirements established by long-term debt agreements as of the date of completion of this form.

YES                                          X                      NO                      \_\_\_\_\_

### Water Statistics

	In Gallons		
	Actual 2020	Budget 2021	Estimate 2022
Water Pro. & Pur.	_____	_____	_____
Total Water Sales	_____	_____	_____
Other Water Used	_____	_____	_____
Water Loss	_____	_____	_____
Water Loss Percentage	_____	_____	_____



November 22nd, 2023

Present: Jimmy Mills, Barry Rich, Jarrod Beatty, Blake Aubrey, Tom Goff, Tony Sanders, Jeff Basham, Erica Wolfe, Brian Ashley, Dylan Hazelwood, Kylie Foushee, Katherine Marks.

Minutes:

Motion made by Jarrod Beatty and seconded by Barry Rich to dispense the reading of the minutes.  
Motion carried.

Representative Guthrie's field representatives:

Kylie Foushee introduced Katie Marks. Tony provided them with an update on the Wax Water Treatment Plant Project. Tony reported that he has been working with the Division of Water, RCAP, and KIA on preparing the project profile to submit for call for projects for next year. KIA will not be able to fully fund the project. We are hoping that the project will be eligible for earmarks as well. Kylie reported that they would know more about earmarks around February or March of next year. Tony reported that we have also been meeting and working on a project profile for a regional water plant. Kylie reported that she was going to follow up on our FEMA grants for the generator.

2024 Budget:

Tony reported that he put \$4,146,745 in reserves in the budget, \$3,677,501 in expenses to include \$899,500 in depreciation and income of \$566,513. After net assets we show a bottom line of \$2,769,889. Tony did not include a rate case in the budget, but we are working on pursuing a rate case in the spring of next year. Tony reported that he had to add additional reserves of \$401,400 to get the budget to balance. The budget will need to be submitted by the end of the month. Motion made by Barry Rich and seconded by Jarrod Beatty to approve the budget for 2024. Motion carried.

Audit Engagement:

Tony reported that we received the audit engagement letter from Campbell, Myers, and Rutledge their quote is not to exceed \$20,000. Motion made by Barry Rich and seconded by Jarrod Beatty to accept the audit engagement. Motion carried.

Hwy 88 Easement:

Tony reported that the original customer did not want to proceed with the easement, but he was able to find a neighbor that was willing to proceed. Motion to accept easement made by Blake Aubrey and seconded by Jarrod Beatty. Motion carried. Easement signed by Jimmy Mills.

Gravel at Peonia Tank:

The customer put gravel on the road going to Peonia Tank, and sent us the bill asking if we would be willing to reimburse him for part of the cost. He paid \$600 for the first load and \$595 on the second load and has provided receipts. Motion made by Jarrod Beatty and seconded by Barry Rich to reimburse him for 1/3 of the cost. Motion carried.

Wax Plant:

Tony reported that the project profile has been updated and will be sent to BRADD today. The HVAC system has been put in. The diver has been onsite and has worked on the air hose. The diver reported that currently the air is blowing on the screen and it may be beneficial to move the air towards the grid rather than the screen. He dredged as much as he could. The lake has gotten down to 595ft, right now we have about 4ft of water above the bottom screen.

The Division of Water will be coming to do a filter assessment at Brownsville and Wax Plants on the last day of December.

We will soon be mailing the last round of the NOV letters.

Smitty City Line:

Louis is currently designing the project; we need to get easements. Tony reported that he may need assistance obtaining easements. Brian Ashley stated that he would not mind at all to help get them. Tony reported that we are hoping to get the approvals from the Division of Water around February or March.

Retro Pay:

Motion made by Barry Rich and seconded by Jarrod Beatty to continue \$500 retro pay, \$125 per quarter. Motion carried.

Disconnects Around the Holidays:

Motion made by Barry Rich and seconded by Jimmy Mills to pause disconnections for the end of December/beginning to January. So that we are not disconnecting around the Holidays. Motion carried.

Adjourn:

Motion made by Blake Aubrey and seconded by Barry Rich to adjourn. Meeting adjourned.



X

Jimmy Mills

X

Barry Rich

*Barry Rich*

X

Jarrold Beatty

*Jarrold Beatty*

X

Blake Aubrey

*Bl* *D*

December 12<sup>th</sup>, 2023

ECWD

Present: Blake Aubrey, Jarrod Beatty, Barry Rich, Greg Nugent, Jeff Basham, Blake Thompson, Dylan Hazelwood, Erica Wolfe, Tom Goff

Appoint Chairman:

Motion to appoint Greg Nugent as the chairman for the meeting made by Barry Rich and seconded by Jarrod Beatty. Motion carried.

Minutes:

Motion made by Barry Rich and seconded by Jarrod Beatty to dispense the reading of the minutes. Motion carried.

Motion made by Jarrod Beatty and seconded by Blake Aubrey to approve the minutes with the date correction of November 22<sup>nd</sup>. Motion carried.

O&M Reports:

Brownsville:

Brownsville plant produced 43.5 million gallons of water for the month of November, and sold 22.865 million gallons for a total unaccounted for water loss of 19.308 million gallons or 44.39%. Blake reported that plant appearance is good, testing has been completed as required, and proper reports have been filled out in a timely manner. Tony reported that they have concerns about excess debris if we experience a big rise.

Wax:

Wax plant produced 20.821 million gallons for the month of November and sold 15.331 million gallons which led to an unaccounted-for water loss of 5.349 million gallons or 24.87%. The building and ground appearance is good, plant appearance is good, and maintenance has been done according to the manual. Blake reported that they have had problems with the raw water pump it arced and caused a loss in voltage. Blake reported they are still using the bottom intake and have been pumping using that without issue.

Distribution:

For the month of November, the total produced is 64.321 million gallons and sold 38.196 million gallons for a total unaccounted for water loss of 19.843 or 30.85%. Dylan reported that maintenance has been completed according to the manual, the grounds and pump station appearance is fair. Dylan reports that they have been trying to fix leaks as quickly as possible. Dylan reported that we are waiting on meter setters to do the new installs we have some backordered from January and July that we still have not received yet.

Tony reported that we have been in contact with Tim Blanton at the Division of Water will be coming down once a month to help with water loss. Tony reported that think there could be a potentially large leak going to Peary tank. It only leaks during pumping.

Office:

For the month of November, we had 11,494 customers, we collected 10,124 payments, took 1,364 phone calls, and have prepared 345 work orders. We continue working on meter change outs and mailing out lead and copper surveys.

Big Windy Pump:

Tony reported that Louis said we can work on doing upgrades rather than putting in new ones. Right now, we are checking to see if there is space to do the upgrades and if there is it would save us money to go that route.

Line at Peonia:

Tony reported that he has been talking with Louis and he needs us to nail down where the pump station will go. Tony reported that he and Jeff will be working on getting easements. Tony reported that he will be getting in contact with Jarrod and Brian to assist on that. Tony reported that he will also continue talking to the Representatives about making the project a line item in the budget.

Sewer Inspection with the PSC:

Tony reported that we received the sewer inspection report and that no deficiencies were identified we received a clean report.

Financial Report:

Tony reported that the coverage for the month is good, but we are not quite covered for the year. Tony reports that being below coverage shows us that we need a rate increase. We are on track to start a rate case this spring.

Sewer:

Tony reported that we took in \$31,638 and have \$13,990 in expenses. He reports that next year we will have to start reclassifying some expenses into sewer.

Bill Approval:

Motion made by Barry Rich and seconded by Blake Aubrey to approve the bills for November.

Budget Amendment:

Tony reported that we will need to increase the budget by \$254,010 which will include paying for the meters that may or may not come in. He amended the budget to lower the capital from \$755,000 to \$700,000, increased the interest income to \$147,000, and increased non-utility income. Overall, the budget was lowered due to amending the budget to excluded funds awarded but not received. Motion made by Barry Rich and seconded by Jarrod Beatty to approve the amended budget. Motion carried.

Bad Debts:

Copies of the bad debt listing for 2022 were provided to the commissioners.

Locke 5:

Tony reported that they had a meeting at the Judge's office and they met with Representative Guthrie and Gary Dillard with BRADD. The Nature Conservancy and the Corps reported that the plug at Locke 5 could possibly come lose. They reported that the plug was meant to be a temporary fix, they are not taking action to ensure that the plug remains in place. Short Term solutions were discussed. There is a foot discrepancy in the anticipated water levels the Corps of Engineers is saying 401ft and Kenley Horn is reporting 402ft, the original report anticipated 404.6 after the Locke was fully removed. There is a zoom meeting at 2:00pm to discuss it further. Tony asked the board if they would approve lowering the intake and installing an air system in an emergency or short-term situation. The board would like to know who would be responsible for paying for those changes. They would also know how the air system would be protected from debris traveling down the river. Greg Nugent mentioned a weir system as a potential solution. Barry stated that he would like to hear Louis' recommendation.

Wax Plant Update:

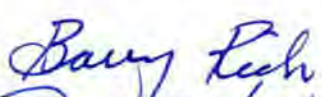

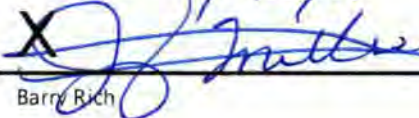
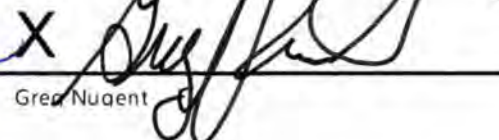
Tony reported that the project profile was updated and resubmitted. Maggie Neal with RCAP was a huge asset in that process, we are hoping the project receives a better ranking with DOW. Tony reported that Maggie will work with us on ARC and CDBG funding as well. The profile for the regional water plant has also been submitted. An engineer with Cannon and Cannon has contacted Tony and will be coming to have a discussion he would like to be considered for the RFQ/RFP.


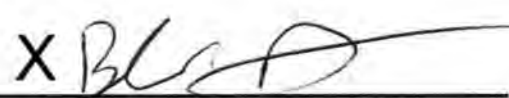


Annual Review:

The board mentioned a new ACH chemical pump and rebuilding the current one. They also would like J. Decker to pursue getting his CDLs and would like to discuss pay incentives for employees to get their CDLs. The board would like a new employee to be hired for Wax Treatment Plant and the Distribution system. The board made a motion to consider changing policy regarding personal leave motion made by Jarrod Beatty and seconded by Blake Aubrey. Motion carried.

Adjourn:

Motion made by Barry Rich and seconded by Jarrod Beatty to adjourn the meeting. Meeting adjourned.

  
  
X  X   
Barry Rich Greg Nugent

  
  
X  X   
Jarrod Beatty Blake Aubrey

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility:

Edmonson County Water District

For the Month of:

NOV

Year:

2023

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED AND PURCHASED</b>	
2	Water Produced	64,321,000
3	Water Purchased	
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>64,321,000</b>
5		
6	<b>WATER SALES</b>	
7	Residential	34,360,100
8	Commercial	3,836,300
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	
13	Other Sales (explain)	
14	<b>TOTAL WATER SALES</b>	<b>38,196,400</b>
15		
16	<b>OTHER WATER USED</b>	
17	Utility and/or Water Treatment Plant	1,467,800
18	Wastewater Plant	
19	System Flushing	4,306,900
20	Fire Department	6,750
21	Other Usage (explain) PUMPS	500000
22	<b>TOTAL OTHER WATER USED</b>	<b>6,281,450</b>
23		
24	<b>WATER LOSS</b>	
25	Tank Overflows	
26	Line Breaks	7,071,720
27	Line Leaks	12,771,430
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	<b>TOTAL WATER LOSS</b>	<b>19,843,150</b>
32		
33	<b>Note:</b> Line 14 + Line 22 + Line 31 <b>MUST</b> Equal Line 4	
34		
35	<b>WATER LOSS PERCENTAGE</b>	
36	(Line 31 divided by Line 4)	30.85%



# Edmonson Co Water District

## Monthly Water Loss Report

Nov 2023

Brownsville WTP

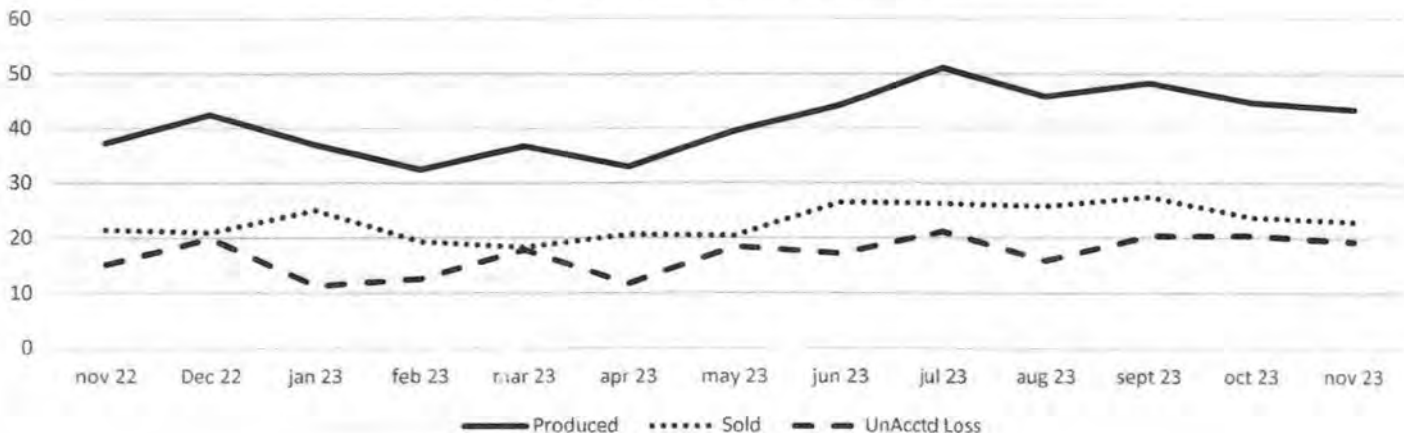
		<u>November-22</u>	<u>Totals</u>
<b>A:</b>	<b>Produced</b>	43.5000 MG	37.2070 MG
	<b>Purchased</b>	MG	MG
	<b>Total</b>	43.5000 MG	37.2070 MG
<b>Sold</b>	<i>Residential</i>	20.0021 MG	19.2631 MG
	<i>Wholesale</i>	2.8633 MG	2.1916 MG
	<i>Wax WTP</i>	MG	MG
	<b>Total Sold</b>	22.8654 MG	21.4547 MG
<b>B:</b>	<b>Difference</b>	20.6346 MG	15.7523 MG
	<b>% Difference</b>	47.44%	42.34%
<b>Gallons Acctd For:</b>			
	<i>Breaks</i>	MG	MG
	<i>Hyd. Flushing</i>	MG	MG
	<i>Tank Overflow</i>	MG	MG
	<i>Plant Use</i>	0.6358 MG	0.6035 MG
	<i>Fire Dept Use</i>	MG	MG
	<i>Adjustments +/-</i>	MG	MG
	<i>Wax</i>	0.691 MG	MG
<b>C:</b>	<b>Total Gallons Acctd f</b>	1.3271 MG	0.604 MG
	<b>Loss Unacctd for Wa</b>	19.308 MG	15.149 MG
	<b>% Loss Unacctd for (</b>	44.39%	40.71%
	<b>Gallons / Day ( + / -</b>	643,600	578,000
	<b>Gallons / Minute ( +</b>	447	401

YTD Budget: 3.3% Over Cur Mth \_\_\_\_\_

Past YTD Avg. Loss: 40.53%

AVG YTD Loss: 40.67% \_\_\_\_\_ % Used

13 Mth Loss Rpt Bville WTP



## MONTHLY INSPECTION & REPORT FORM

### BROWNSVILLE TREATMENT PLANT

Gallons Pumped	43.500
Gallons Sold	22.865
Gallons Lost	19.308
Percentage Loss	44.39%
GPM Loss	447

Maximum Pumped	2.049
Minimum Pumped	0.633
Average Pumped	1.403

Gallons Accounted for:	
Tank Overflow	0.000
Plant Use	0.636
Computer Adj.	0.000
Other (Wax)	0.691
<b>Total</b>	<b>1.327</b>

**Booster Station Conditions**

	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent
<i>Building &amp; Grounds</i>	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input type="checkbox"/> Good	<input type="checkbox"/> Excellent
<i>Electrical &amp; 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**

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

<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 &amp; 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	

*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:

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Prod
Sold

With this report I certify that I have personally inspected the operation and maintenance for the month of  
 Nov 2023 and that it is accurate to the best of my knowledge.

*Tim Brewster*

12/11/2023

Operator

Date



# Edmonson Co Water District Monthly Water Loss Report

Nov-23

Wax WTP

Nov-22 Totals

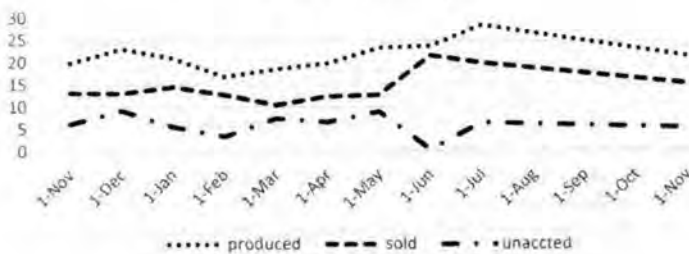
<b>A:</b>	<b>Produced</b>	20.821 MG			
	<b>Purchased</b>	0.691 MG			19.934 MG
	<b>Total</b>	21.512 MG			19.934 MG
	<b>Sold</b>				
	<i>Residential</i>	14.358 MG			13.2090 MG
	<i>Wholesale</i>	0.973 MG			MG
		MG			MG
	<b>Total Sold</b>	15.331 MG			13.209 MG
<b>B:</b>	<b>Difference</b>	6.181 MG			6.725 MG
	<b>% Difference</b>	28.73%			33.74%
	<b>Gallons Acctd For:</b>				
	<i>Breaks</i>	MG			MG
	<i>Hyd. Flushing</i>	MG			MG
	<i>Tank Overflow</i>	MG			MG
	<i>Plant Use</i>	0.832 MG			0.703 MG
	<i>Fire Dept Use</i>	MG			MG
	<i>Adjustments +/-</i>	MG			MG
	<i>Other</i>	MG			MG
<b>C:</b>	<b>Total Gallons Acctd For:</b>	0.832 MG			0.703 MG
	<b>Loss Unacctd for Water (B-C)</b>	5.349 MG			6.022 MG
	<b>% Loss Unacctd for (B-C)/A</b>	24.87%			30.21%
	<b>Gallons / Day (+/-)</b>	178,300			200743
	<b>Gallons / Minute (+/-)</b>	124			139

YTD Budget: \_\_\_\_\_ % Used ||

Past YTD: 39.00%

AVG YTD Loss: 23.9%

13 month loss rpt



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

**Nov-23**

Gallons Pumped	<u>21,512</u>
Gallons Sold	<u>15,331</u>
Gallons Lost	<u>5,349</u>
Percentage Loss	<u>24.87%</u>
GPM Loss	<u>124</u>

Maximum Pumped	<u>831,300</u>
Minimum Pumped	<u>566,100</u>
Average Pumped	<u>694,050</u>

Gallons Accounted for:	
Tank Overflow	<u>0</u>
Plant Use	<u>0.000</u>
Computer Adj.	<u>0</u>
Other	<u>0</u>
Total	<u>0.000</u>

**Booster Station Conditions**

<u>Building &amp; Grounds</u>	<u>        </u> Poor	<u>        </u> Fair	<u>  y  </u> Good	<u>        </u> Excellent
<u>Electrical &amp; Telemetry</u>	<u>        </u> Poor	<u>        </u> Fair	<u>  y  </u> Good	<u>        </u> Excellent
<u>Piping and valves</u>	<u>        </u> Poor	<u>        </u> Fair	<u>  y  </u> Good	<u>        </u> Excellent
<u>Pumps</u>	<u>        </u> Poor	<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
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**Treatment Plant Appearance**

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

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

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With this report I certify that I have personally inspected the operation and maintenance for the month of  
Nov-23 and that it is accurate to the best of my ability.

blake thompson 12-10-23

Operator

Date

MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

Nov-23

<u>10124</u> payments received in office for the the month	
<u>1679</u> received from by mail	<u>16.58%</u> paid by mail
<u>303</u> received by walk in	<u>2.99%</u> paid by walk in
<u>46</u> received by credit card	<u>0.45%</u> paid by credit card
<u>2702</u> received from bankdraft	<u>26.69%</u> paid by bankdraft
<u>914</u> received from drive thru	<u>9.03%</u> paid by drive thru
<u>4265</u> received from online	<u>42.13%</u> paid online
<u>215</u> received from n.d	<u>2.12%</u> paid by n.d.
<u>40</u> was the most customers walk in payments received	<u>2/9/1900</u>
<u>64.00</u> Membership Fees Collected	<u>39.00</u> Reconnect Fees Collected
<u>7</u> Tap Fees Collected	

<u>11,494</u> Customer	<u>34,360,200</u> Total Gallons Sold	<u>\$ 329,366.66</u>
<u>2,863,300</u> Gals-City	<u>\$ 8,876.23</u> \$ Amount	<u>\$ 146,288.97</u> Online Amount

<u>1364</u> Phone Calls Logged	<u>345</u> Work Orders Prepared
Routes 1-10 Delinques ent Notices mailed	<u>405</u>
<u>28</u> Customers Disconnected	<u>\$ 0.96</u>
<u>13</u> Rehung same day	Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	<u>326</u>
<u>22</u> Customers Disconnected	
<u>1</u> Rehung same day	

MONTHLY SEWER REPORT FOR THE OFFICE FOR THE MONTH OF

Nov-23

<u>57</u> Customers	<u>\$ 7,812.47</u> Revenue Received
<u>3,400</u> Gallons Treated	<u>\$ 872.60</u> Cost
<u>200000</u> Gallons Treated	<u>13.6</u> Cost
<u>0</u> Customers Disconnected	<u>\$ 886.20</u>

Comments:

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SIGNATURE

12/7/23  
DATE

December 12, 2023

We have reviewed and approved the transactions for the month of November 2023 for the following accounts:

- Water Operation & Maintenance (Account ID: 13420)
- 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)

The documents that have been reviewed are attached.

X

Jimmy Mills

X

Barry Rich

X

Greg Nugent

X

Jarrod Beatty

X

Blake Aubrey



Amended

Fiscal Year: 2023  
 Fund Name: Edmonson County Water District

<b>SPGE Budget Summary - Enterprise - Water</b>	<u>Water 2023</u>	<u>Sewer 2023</u>	<u>Total 2023</u>
<b>Utility Operating Income</b>			
Operating Revenues	\$4,109,736	\$22,134	\$4,131,870
Operation and Maintenance Expenses	\$3,746,881	\$23,623	\$3,770,504
Depreciation Expense	\$890,000	\$58,000	\$948,000
Amortization Expense	\$0	\$0	\$0
Taxes Other Than Income	\$123,900	\$0	\$123,900
<b>Net Utility Operating Expenses Subtotal</b>	<b>\$4,760,781</b>	<b>\$81,623</b>	<b>\$4,842,404</b>
<b>Utility Operating Income (Loss)</b>	<b>-\$651,045</b>	<b>-\$59,489</b>	<b>-\$710,534</b>
<b>Other Income and (Deductions)</b>			
Net Results/Merchandising, Jobbing & Contract Work	\$0	\$0	\$0
Interest and Dividend Income	\$147,000	\$1,476	\$148,476
Income from Utility Plant Leased to Others	\$10,000	\$0	\$10,000
Gains (Losses) from Disposition of Utility Property	\$12,500	\$0	\$12,500
Borrowed Money	\$0	\$0	\$0
Allowance for Funds Used During Construction	\$0	\$0	\$0
Nonutility Income	\$23,000	\$0	\$23,000
<b>Other Income Subtotal</b>	<b>\$192,500</b>	<b>\$1,476</b>	<b>\$193,976</b>
Miscellaneous Nonutility Expenses	\$0	\$0	\$0
Taxes Other Than Income	\$0	\$0	\$0
Interest Expense	\$305,700	\$3,208	\$308,908
Capital Expenditures	\$700,000	\$5,000	\$705,000
Principal Loan Payments	\$523,500	\$2,100	\$525,600
<b>Other Deduction Subtotal</b>	<b>\$1,529,200</b>	<b>\$10,308</b>	<b>\$1,539,508</b>
<b>Total Other Income and (Deductions)</b>	<b>-\$1,336,700</b>	<b>-\$8,832</b>	<b>-\$1,345,532</b>
<b>Net Assets</b>			
<b>Income Before Contributions &amp; Extraordinary Items</b>	<b>-\$1,987,745</b>	<b>-\$68,321</b>	<b>-\$2,056,066</b>
Carryover From Prior Fiscal Year	\$1,131,000	\$50,000	\$1,181,000
Proceeds from Capital Contributions	\$299,000	\$0	\$299,000
Add In Depreciation/Amortization	\$890,000	\$58,000	\$948,000
Net Extraordinary Items	\$0	\$0	\$0
<b>Change In Net Assets (Ending Cash Balance)</b>	<b>\$332,255</b>	<b>\$39,679</b>	<b>\$371,934</b>



**SPGE - Budget Workbook - Enterprise - Water**

Water 2023                      Sewer 2023                      Total 2023

**Utility Operating Income**

Operating Revenues

**Sales of Water (sub-category)**

460	Unmetered Water Revenue	\$0.00	\$0.00	\$0.00
461.1	Metered Water Revenue - Residential	\$3,920,854.00	\$19,892.00	\$3,940,746.00
461.2	Metered Water Revenue - Commercial	\$0.00	\$0.00	\$0.00
461.3	Metered Water Revenue - Industrial	\$0.00	\$0.00	\$0.00
461.4	Metered Water Revenue - Public Authorities	\$0.00	\$0.00	\$0.00
461.5	Metered Water Revenue - Multiple Family Dwellings	\$0.00	\$0.00	\$0.00
461.6	Metered Water Revenue - Bulk Loading Stations	\$0.00	\$0.00	\$0.00
462	Fire Protection Revenue	\$0.00	\$0.00	\$0.00
465	Sales to Irrigation Customers	\$0.00	\$0.00	\$0.00
466	Sales for Resale	\$103,502.00	\$0.00	\$103,502.00
	<b>Subtotal Sales of Water</b>	<b>\$4,024,356.00</b>	<b>\$19,892.00</b>	<b>\$4,044,248.00</b>

**Other Water Revenues (sub-category)**

470	Forfeited Discounts	\$52,050.00	\$492.00	\$52,542.00
471	Miscellaneous Service Revenues	\$33,330.00	\$1,750.00	\$35,080.00
472	Rents from Water Property	\$0.00	\$0.00	\$0.00
473	Interdepartmental Rents	\$0.00	\$0.00	\$0.00
474	Other Water Revenues	\$0.00	\$0.00	\$0.00
	<b>Subtotal Other Water Revenues</b>	<b>\$85,380.00</b>	<b>\$2,242.00</b>	<b>\$87,622.00</b>
	<b>Total Operating Revenues</b>	<b>\$4,109,736.00</b>	<b>\$22,134.00</b>	<b>\$4,131,870.00</b>

Operation and Maintenance Expenses

601	Salaries and Wages - Employees	\$1,392,768.00	\$1,800.00	\$1,394,568.00
603	Salaries and Wages - Commissioners	\$27,500.00	\$0.00	\$27,500.00
604	Employee Pensions and Benefits	\$0.00	\$0.00	\$0.00
	Medical/Life Insurance	\$216,476.00	\$0.00	\$216,476.00
	Retirement Benefits	\$106,841.00	\$0.00	\$106,841.00
	Other	\$7,308.00	\$0.00	\$7,308.00
	<b>Subtotal Employee Pensions and Benefits</b>	<b>\$1,750,893.00</b>	<b>\$1,800.00</b>	<b>\$1,752,693.00</b>
610	Purchased Water	\$5,400.00	\$0.00	\$5,400.00
615	Purchased Power	\$306,533.00	\$1,298.00	\$307,831.00
616	Fuel for Power Production	\$0.00	\$0.00	\$0.00
618	Chemicals	\$136,000.00	\$0.00	\$136,000.00
620	Materials and Supplies	\$756,123.00	\$875.00	\$756,998.00



**SPGE - Budget Workbook - Enterprise - Water**

		<u>Water 2023</u>	<u>Sewer 2023</u>	<u>Total 2023</u>
631	Contractual Services - Engineering	\$12,000.00	\$0.00	\$12,000.00
632	Contractual Services - Accounting	\$18,000.00	\$0.00	\$18,000.00
633	Contractual Services - Legal	\$7,000.00	\$0.00	\$7,000.00
634	Contractual Services - Management Fees	\$0.00	\$0.00	\$0.00
635	Contractual Services - Testing	\$34,000.00	\$0.00	\$34,000.00
636	Contractual Services - Other	\$468,262.00	\$19,000.00	\$487,262.00
641	Rental of Building/Real Property	\$0.00	\$0.00	\$0.00
642	Rental of Equipment	\$9,100.00	\$0.00	\$9,100.00
650	Transportation Expenses	\$101,270.00	\$250.00	\$101,520.00
656	Insurance - Vehicle	\$0.00	\$0.00	\$0.00
657	Insurance - General Liability	\$55,000.00	\$0.00	\$55,000.00
658	Insurance - Workers' Compensation	\$10,000.00	\$0.00	\$10,000.00
659	Insurance - Other	\$0.00	\$0.00	\$0.00
660	Advertising Expense	\$2,500.00	\$0.00	\$2,500.00
665/667	Regulatory Commission Expense	\$0.00	\$0.00	\$0.00
668	Water Resource Conservation Expense	\$0.00	\$0.00	\$0.00
670	Bad Debt Expense	\$10,000.00	\$0.00	\$10,000.00
675	Miscellaneous Expenses	\$64,800.00	\$400.00	\$65,200.00
<b>Total Operation and Maintenance Expenses</b>		<b>\$3,746,881.00</b>	<b>\$23,623.00</b>	<b>\$3,770,504.00</b>
<b><u>Depreciation Expense</u></b>				
403	Depreciation Expense on Utility Plant	\$890,000.00	\$58,000.00	\$948,000.00
<b><u>Amortization Expense</u></b>				
406	Amortization of Utility Plant Acquisition Adjustments	\$0.00	\$0.00	\$0.00
407	Amortization Expense	\$0.00	\$0.00	\$0.00
<b>Total Amortization Expense</b>		<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b><u>Taxes Other Than Income</u></b>				
408.1	Utility Regulatory Assessment Fees	\$5,400.00	\$0.00	\$5,400.00
408.11	Property Taxes	\$0.00	\$0.00	\$0.00
408.12	Payroll Taxes	\$118,500.00	\$0.00	\$118,500.00
408.13	Other Taxes and Licenses	\$0.00	\$0.00	\$0.00
<b>Total Taxes Other Than Income</b>		<b>\$123,900.00</b>	<b>\$0.00</b>	<b>\$123,900.00</b>
<b>Net Utility Operating Expenses Subtotal</b>		<b>\$4,760,781.00</b>	<b>\$81,623.00</b>	<b>\$4,842,404.00</b>
<b>Utility Operating Income (Loss)</b>		<b>-\$651,045.00</b>	<b>-\$59,489.00</b>	<b>-\$710,534.00</b>



SPGE - Budget Workbook - Enterprise - Water

Water 2023

Sewer 2023

Total 2023

**Other Income and (Deductions)**

Net Results of Merchandising, Jobbing and Contract Work

415	Revenues from Merchandising, Jobbing and Contract Work	\$0.00	\$0.00	\$0.00
416	Costs & Expenses of Merchandising, Jobbing & Contract Work	\$0.00	\$0.00	\$0.00
	<b>Net Merchandising, Jobbing and Contract Work</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>

Interest and Dividend Income

419	Interest and Dividend Income	\$147,000.00	\$1,476.00	\$148,476.00
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Income from Utility Plant Leased to Others

413	Income from Utility Plant Leased to Others	\$10,000.00	\$0.00	\$10,000.00
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Gains (Losses) from Disposition of Utility Property

414	Gains (Losses) from Disposition of Utility Property	\$12,500.00	\$0.00	\$12,500.00
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Borrowed Money

414	Borrowed Money	\$0.00	\$0.00	\$0.00
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Allowance for Funds Used During Construction

420	Allowance for Funds Used During Construction	\$0.00	\$0.00	\$0.00
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Nonutility Income

421	Nonutility Income	\$23,000.00	\$0.00	\$23,000.00
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**Other Income Subtotal**

		<b>\$192,500.00</b>	<b>\$1,476.00</b>	<b>\$193,976.00</b>
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Miscellaneous Nonutility Expenses

426	Miscellaneous Nonutility Expenses	\$0.00	\$0.00	\$0.00
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Taxes Other Than Income

408.2	Taxes Other Than Income (Other Income and Deductions)	\$0.00	\$0.00	\$0.00
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Interest Expense

427.1	Interest on Debt to Associated Companies	\$0.00	\$0.00	\$0.00
427.2	Interest on Short-Term Debt	\$0.00	\$0.00	\$0.00
427.3	Interest on Long-Term Debt	\$305,700.00	\$3,208.00	\$308,908.00
427.4	Interest on Customer Deposits	\$0.00	\$0.00	\$0.00
427.5	Interest - Other	\$0.00	\$0.00	\$0.00
428	Amortization of Debt Discount and Expense	\$0.00	\$0.00	\$0.00





**SPGE - Budget Workbook - Enterprise - Water**

		<u>Water 2023</u>	<u>Sewer 2023</u>	<u>Total 2023</u>
429	Amortization of Premium on Debt	\$0.00	\$0.00	\$0.00
	<b>Total Interest Expense</b>	<b>\$305,700.00</b>	<b>\$3,208.00</b>	<b>\$308,908.00</b>
	<b>Capital Expenditures</b>			
	Capital Expenditures	\$700,000.00	\$5,000.00	\$705,000.00
	<b>Principal Loan Payments</b>			
	Principal Loan Payments	\$523,500.00	\$2,100.00	\$525,600.00
	<b>Other Deductions Subtotal</b>	<b>\$1,529,200.00</b>	<b>\$10,308.00</b>	<b>\$1,539,508.00</b>
	<b>Total Other Income and Deductions</b>	<b>-\$1,336,700.00</b>	<b>-\$8,832.00</b>	<b>-\$1,345,532.00</b>
	<b>Net Assets</b>			
	Income Before Contributions & Extraordinary Items	-\$1,987,745.00	-\$68,321.00	-\$2,056,066.00
	<b>Carryover From Prior Fiscal Year</b>			
	Carryover as of January 1	\$631,000.00	\$50,000.00	\$681,000.00
	Reserves	\$500,000.00	\$0.00	\$500,000.00
	Investments	\$0.00	\$0.00	\$0.00
	<b>Total Carryover From Fiscal Year</b>	<b>\$1,131,000.00</b>	<b>\$50,000.00</b>	<b>\$1,181,000.00</b>
	<b>Proceeds from Capital Contributions</b>			
432	Proceeds from Capital Contributions (sub-category)	\$0.00	\$0.00	\$0.00
	Federal Grants	\$80,000.00	\$0.00	\$80,000.00
	State Grants	\$0.00	\$0.00	\$0.00
	Other Grants	\$0.00	\$0.00	\$0.00
	Customer Contributions	\$219,000.00	\$0.00	\$219,000.00
	<b>Subtotal Proceeds from Capital Contributions</b>	<b>\$299,000.00</b>	<b>\$0.00</b>	<b>\$299,000.00</b>
	<b>Add In Depreciation/Amortization</b>			
432	Depreciation/Amortization	\$890,000.00	\$58,000.00	\$948,000.00
	<b>Net Extraordinary Items</b>			
433	Extraordinary Income	\$0.00	\$0.00	\$0.00
434	(Extraordinary Deductions)	\$0.00	\$0.00	\$0.00
	<b>Net Extraordinary Items</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
	<b>CHANGE IN NET ASSETS (ENDING CASH BALANCE)</b>	<b>\$332,255.00</b>	<b>\$39,679.00</b>	<b>\$371,934.00</b>

December 20<sup>th</sup>, 2023

ECWD

Present: Louis Robbins, Greg Nugent, Jarrod Beatty, Jimmy Mills, Barry Rich, Jeff Basham, Tony Sanders, Tom Goff, Kylie Foushee, Katie Marks

Minutes:

Motion made to dispense the reading of the minutes by Jarrod Beatty and seconded by Greg Nugent. Motion carried.

Locke 5 Removal:

Motion made by Barry Rich and seconded by Greg Nugent to write a letter to the Nature Conservancy highlighting the recommendations of the Water District. Motion carried.

The recommendations of the Water District are:

- To build up the existing riffle (or to construct a series of riffles) located below the HWY 259 bridge to maintain water levels of 404.6 or above for the purpose of maintaining reliability and redundancy.
- Modifications to the lower intake pump columns and installing airburst systems on existing intake screens to prevent further sedimentation build up.
- During the initial phase of the riffle system for sustainable water levels the Water District recommends that the plug at the Dam be secured and that the riffle system be completed prior to the removal of Lock 5.
- That the funds for this project be distributed from agencies other than the Water District

Budget:

An additional budget amendment is not required currently. Tony reported that he will be meeting with Department Heads to discuss future spending. Tony reported that he and Latisha will be going to the bank next week and discussing options on how to proceed with the CDs.

Generators:

Tony and Jeff attended a zoom meeting regarding the generators. The grant is a reimbursement grant, we will pay for the items and then will be reimbursed. The grant is better than we initially thought the state will be picking up part of the cost and we are now responsible for 5% of the cost.

Personal Day Policy:

Barry made a motion and it was seconded by Greg Nugent to keep the personal day policy the way that it is. Opposed by Jarrod Beatty. Motion carried.

Motion to go in Recess:

Motion to go in recess made by Greg Nugent and seconded by Jarrod Beatty. Meeting in recess.

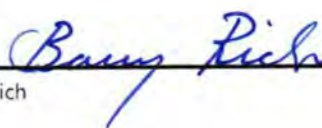
X

Jimmy Mills



X

Barry Rich



X

Greg Nugent



X

Jarrod Beatty

