January 11th, 2022

ECWD

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

Financial Report:

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

COVID/Office Closed:

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

Project:

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

New Employees:

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

Refinance:

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

Trucks:

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

Materials Bid:

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

Check Reports:

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

Commissioners Training:

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

Adjourn:

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

Jimmy Milis

Barry Rich

N.E. Reed

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

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

Jimmy Mils

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N.E. Reed

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

vater (Utility:	Edmonson County Water District				
or the	Month of: DE	CEMBER	Year:	2021		
INE#		ITEM	GAL	LONS (Omit 000's)		
1	WATER PRODUCED AND PURCHAS	BED				
2	Water Produced			58,410,000		
3	Water Purchased		7 (2) (3) (4) (2) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4			
4	TOTAL PR	RODUCED AND	PURCHASED			
5				en er en		
6	WATER SALES					
7	Residential	_ .	S. A.	29,293,200		
8	Commercial					
9	Industrial					
10	Bulk Loading Stations					
11	Wholesale			2,437,500		
12	Public Authorities					
13	Other Sales (explain)					
14		TOTAL W	ATER SALES			
15	<u> </u>					
16	OTHER WATER USED					
17	Utility and/or Water Treatment Plant		74	1,411,700		
18	Wastewater Plant					
19	System Flushing			712,400		
20	Fire Department			4,350		
21	Other Usage (explain) PUMPS		10 Total (10) 10 Total (10) 11 Total (10)	45000		
22		OTAL OTHER	WATER USED			
23 24	WATER LOSS					
25	Tank Overflows			10 10 10 10 10 10 10 10 10 10 10 10 10 1		
26	Line Breaks		1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3,008,285		
27	Line Leaks			21,092,565		
28	Excavation Damages					
29	Theft					
30	Other Loss		1. 12.00 m.	elektrika (j. 1865) Buran kanala katalan kal		
31		TOTAL	WATER LOSS	S 1. 15 1. 124 (1000) (1)		
32				an ar yak ki <u>sekerbahan</u>gan <u>an didan</u>gan pina apin bi andi ad		
33	Note: Line 14 + Line 22 + Line 31 MU	ST Equal Line 4				
34 35	WATER LOSS PERCENTAGE					
36	(Line 31 divided by Line 4)					

MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS: TOTAL GALLONS PUMPED TOTAL GALLONS SOLD TOTAL GALLON LOSS PERCENTAGE LOSS	58,410,000 3),730,720 26,679,300 45%	GALLONS FLUSH NUMBER OF LEA ESTIMATED GAL RIVER HILL PUM TANK OVERFLON	KS 20 LONS 3007 21 PS 450,00	<u>s</u>
GALLONS ACCOUNTED FOR GALLONS UNACCOUNTED FOR	33 204 382 3 4152 032	OTHER P. Dept 1900	4,350	
VEHICLE MAINTAINANCE:	ACCORDING SOMETIMES NEVER	TO MAINTAINANG	CE MANUAL	
EQUIPMENT MAINTAINANCE:	ACCORDING SOMETIMES NEVER	TO MAINTAINANG	CE MANUAL	
MOWING DONE AS REQUIRED:	YES	NO	PARTLY	
SYSTEM APPEARANCE: LINES PRESSURE STATION TANK SITE BOOSTER STATION STORAGE YARD & LOT MAINTAINANCE OFFICE GROUNDS VALVES METERS TESTING DONE AS REQUIRED: PROPER REPORTS FILLED OUT: TOOL INVENTORY:	POOR POOR POOR POOR POOR POOR POOR POOR	BALANCED	GOOD GOOD GOOD GOOD GOOD GOOD GOOD GOOD	EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT
MATERIAL INVENTORY:	CHECKED & NOT CHECK	_	CHECKED & S	OME GONE
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\$3,6) - Pro. 1000 \$6.64 - Sold 1000				
WITH THIS REPORT I CERTIFY THE Secondary 2021	AAT I HAVE INSPECTED TH	HE OPERATION AND	MAINTINANCE FOR THE	MONTH OF

Edmonson Co Water District Monthly Water Loss Report

	_			· —	Brownsville	_WTP
	Dec 2021		.*	1	December-20	_Totals
	W =	*1		∦ -		
: Produced			39.1850 MG	<u> </u>	36.10	
Purchased			MG	\\	·	_MG
Total			39.1850 MG	-	36.10	1 MG
Sold	Residential		17.4502 MG		18.065	5 MG
	Wholesale		2.4375 MG		3.85	7 MG
	Wax WTP		MG]		「MG
Total Sold			19.8877 MG	1 -	21.92	2 MG
3; Difference			19.2973 MG		14.17	9 MG
% Difference			49.25%	1 =	39.28%	_
Gallons Acctd For:						
Ganons Acctorfor:	Breaks		MG			MG
	Hyd. Flushing		MG	-		MG
	Tank Overflow		MG	-		MG
	Plant Use		0.5287 MG	η –	0.52	4 MG
				η	<u> </u>	MG
	Adjustments +/-		MG	1 -		MG
	Other		MG	∦ -		MG
	Other			_		_1410
: Total Gallons Acct		 	0.529 MG	j	0.52	4 MG
Loss Unacctd for V	Vater (B-C)		18.769 MG	<u> </u>	13.65	5 MG
% Loss Unacctd fo	r (B-C)/A		47.90%] _	37.829	<u>6</u>
Gallons / Day (+	/-)		605,452		440,48	1
Gallons / Minute			420		30	
YTD Budget:		Cur Mth		Pae	t YTD Avg. 3	 1.73%
					Loss:	4.7070
G YTD Loss:	38.52%	-	% U:	sed		
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Edmonson Co Water District Monthly Water Loss Report

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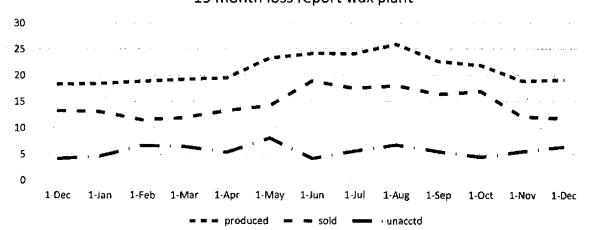
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			Wax	WTP
	Dec-21	D.	Dec-20	Totals
		The state of the s		101913
A:	Produced	19.225 MG	18.331	MG
	Purchased	MG	,	MG
	Total	19.225 MG	18.331	MG
:	Sold Residential	11.843 MG	13.331	MG
	Wholesale —	MG		MG
		MG		MG
	Total Sold	11.843 MG	13.331	MG
3:	Difference	7.382 MG	4.999	MG
	% Difference	38.40%	27.27%	,
	Gallons Acctd For:	Į.		
	Breaks	MG		MG
	Hyd. Flushing	MG		MG
	Tank Overflow	MG		MG
	Plant Use	0.883 MG	0.797	MG
	Fire Dept Use	MG		MĢ
	Adjustments +/	MG		MG
	Other	MG		MG
:	Total Gallons Acctd For:	0.883 MG	0.797	MG
4.	Loss Unacctd for Water (B-C)	6.498 MG	4.201	MG
	% Loss Unacctd for (B-C)/A	33.80%	22.92%	
	Gallons / Day (+/-)	209,620	135,532	
	Gallons / Minute (+/-)	146	94	

AVG YTD Loss:

3

13 month loss report wax plant



9644 payments receieved in	n office for the the mor	ith		
2079 received from by mail			21.56%	paid by mail
226 received by walk in			2.34%	paid by walk in
23 received by credit car	d		0.24%	paid by credit card
2496 received from bankdr	aft		25.88%	paid by bankdraft
1059 received from drive th	1059 received from drive thru			paid by drive thru
3518 received from online			36.48%	paid online
243 received from n.d			2.52%	paid by n.d.
41 was the most custome	ers walk in payments re	ceived		12/28/2021
71.00 Membership Fees Col	lected	16.00 Reco	nnect Fee	Collected
15 Tap Fees Collected	-	0 Retu	rn Check F	ees Collected
11,099 Customer 29,292,	500 Total Gallons Sold	\$ 30	01,903.93	\$ Amount
2,437,500 Gals-City \$ 7,556	.25 \$ Amount	\$ 13	23,047.19	Online Amount
1245 Phone Calls Logged		206 Wor	k Orders P	repared
Routes 1-10 Delinques nt Notices	mailed	0		
Customers Disconnec				\$ 1.03
Rehung same day				Cost Per 1,000 Gallons
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Routes 11-21 Delinquent Notices	mailed	0		
Customers Disconnec	A CONTRACTOR OF THE PARTY OF TH			
Rehung same day				
MONTHLY SEWER REPORT FOR T	HE OFFICE FOR THE MC	NTH OF		Dec-21
56 Customers	S 4.032.87 Reve	nue Receiv	ed	
56 Customers 3,300 Gallons Treated	\$ 4,032.87 Reve	nue Receiv	ed	
3,300 Gallons Treated	\$ 13.99 Cost			
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3,300 Gallons Treated 191000 Gallons Treated 0 Customers Disconnec	\$ 13.99 Cost 882.44 Cost			

Dear Board, I am writing you this letter in concern With Covid pay. Everyone in our OFFICE Came down with could except 2 employee's with that being Daid 5 out of the 60 employee's that were Bick had their Vaccines, when the vaccines came available you all wanted your employees to get vaccinated in order to keep the work environment Safe. As of the 30th of December Femployee tested positive for covid, by the weekend 4 more employees tested positive and Monday another employee tested positive only reaving 2 employees to Pun the water District resulting in the Office Shuting down till monday January 10th. Through my point of view vaccinated or Nonvaccinated it did not keep our work environment Sate. Most employees live pay check to pay Check and cant afford to even MISS one day of work let alone a week. Please consider giving the unvaccinated could pay Since the vaccine don't protect you From getting and Spreading Cand-19

Sincerely,

Salvina Holt



January 25, 2022

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

RE: Wax WTP and Supply Study

Dear Mr. Sanders:

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

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

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

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

Accepted:

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

Sincerely,

cc:

Louis E. Robbins, P.E.

3621-00

ECWD

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

Minutes:

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

Lewis- Wax Plant:

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

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

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

Letter from GRW Engineering/ Lewis Robbins:

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

Battery Plant in Elizabethtown KY:

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

ARPA Funds from the Counties:

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

Department Reports:

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

New Employees:

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

Cadillac Converters from Trucks:

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

New Trucks:

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

Check Approval for December:

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

CDLs:

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

KOWWA Dues:

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

Meter Installation Cost Justification:

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

Water Application Forms:

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

Upcoming Training:

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

Leak Adjustment for the City:

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

Health Insurance:

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

90 Day Evaluation for Dylan Hazelwood:

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

Adjourn:

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

X Larry Rich

N.E. Reed

February 8th, 2022

ECWD

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

Minutes:

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

Financial Report:

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

Grant from KIA:

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

Wax Plant:

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

Refinance:

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

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

Truck Bid:

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

PSC Order:

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

Dollar General:

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

Fiscal Court Meeting Monday:

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

Contract for CDLs:

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

Employee Resignation:

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

A good candidate was interviewed recently, it is Dylan's mother-in-law. It was discussed and decided that it is not a violation of the policy. Tony will be hiring Jennifer Davis for the customer service position.

Meter Change Outs/ Periodic Testing:

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

Leak Detection:

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

Adjourn:

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

X	X	
Jimmv Mills	Barry Rich	

N.E. Reed

We have reviewed and approved the transactions for the month of January 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)

Barry Rich

N.E. Reed

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

er Utility:	Edmonson County Water District			
the Month of:	JANUARY	Year:	2022	
			L 040 /0 :: 0001	
	ITEM	GAL	LONS (Omit 000's)	
	AND PURCHASED		00.740.000	
2 Water Produced			62,719,000	
Water Purchased		n nunguagen 3300		
4	TOTAL PRODUCED AN	D PURCHASED		
5		,		
6 WATER SALES			02 464 400	
7 Residential			31,154,100	
8 Commercial				
9 Industrial				
Bulk Loading Station	S		0.704.606	
11 Wholesale			2,761,100	
Public Authorities				
Other Sales (explain)		WATER OAL ER STATE		
14	IUIAL	WATER SALES	\$43719,70	
15 16	ED			
17 Utility and/or Water 1		· · · · · · · · · · · · · · · · · · · 	1,590,000	
18 Wastewater Plant			.,,•,•	
19 System Flushing			1,482,000	
20 Fire Department			v,	
21 Other Usage (explain	n)PUMPS		46000	
22		R WATER USED		
23 24 WATER LOSS			•	
25 Tank Overflows			 	
26 Line Breaks			3,333,40	
27 Line Leaks			21,938,40	
28 Excavation Damage	s		£ 1,000,70	
29 Theft				
30 Other Loss				
TO COLUMN TOUR		L WATER LOSS		
31	TOTA			
31	TOTA	L WAILK LOSS		
32 33 Note: Line 14 + Line	TOTAl 22 + Line 31 MUST Equal Line			
32	22 + Line 31 MUST Equal Line			

MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS: TOTAL GALLONS PUMPED TOTAL GALLONS SOLD TOTAL GALLON LOSS PERCENTAGE LOSS GALLONS ACCOUNTED FOR GALLONS UNACCOUNTED FOR	28, 803, 800 ESTI 45% RIVE	LONS FLUSHED BER OF LEAKS MATED GALLONS R HILL PUMPS K OVERFLOW ER F-Dept.	1,481,700 12 3,333,400 460,000
VEHICLE MAINTAINANCE:	ACCORDING TO M SOMETIMES NEVER	AINTAINANCE MAN	IUAL
EQUIPMENT MAINTAINANCE:	ACCORDING TO M SOMETIMES NEVER	AINTAINANCE MAN	IUAL
MOWING DONE AS REQUIRED:	YES	_NO	PARTLY
SYSTEM APPEARANCE: LINES PRESSURE STATION TANK SITE BOOSTER STATION STORAGE YARD & LOT MAINTAINANCE OFFICE GROUNDS VALVES METERS TESTING DONE AS REQUIRED: PROPER REPORTS FILLED OUT: TOOL INVENTORY:	POOR J POOR J POOR J POOR POOR POOR POOR POOR POOR J POOR POOR J POOR SOME J CHECKED & BALA NOT CHECKED	FAIR FAIR FAIR FAIR FAIR FAIR FAIR FAIR	GOOD EXCELLENT COOD EXCELLENT COOD EXCELLENT COOD EXCELLENT
MATERIAL INVENTORY:	CHECKED & BALA	NCED	_CHECKED & SOME GONE
COMMENTS: Trying to Ecop	of find leaks and f		
1.021 - Pro. 1000 1.901 - 5010. 1000			
WITH THIS REPORT I CERTIFY TO	HAT I HAVE INSPECTED THE OP	ERATION AND MAINT	NANCE FOR THE MONTH OF
Dehr Hoyelman		2-1	8-39

Edmonson Co Water District Monthly Water Loss Report

	Jan 2021		Brownsville	WTP
			January-20	Totals
A: Produced		42.6810 MG	34.3490	MG
Purchased	********	MG		MG
Total		42.6810 MG	34.3490	MG
Sold	Residential	18.8381 MG	19.5348	MG
	Wholesale	2.7611 MG	2.4714	
	Wax WTP	MG	0.0000	
Total Sold	·	21.5992 MG	22.0062	
D. DW.		24 2245 112	40.0400	
B: Difference		21.0818 MG	12.3428	MG
% Difference		49.39%	35.93%	
Gallons Acctd Fo	or:			
	Breaks	MG		MG
	Hyd. Flushing			MG
	Tank Overflow	MG		MG
	Plant Use	0.5920 MG	0.5052	MG
	Fire Dept Use			MG
	Adjustments +/	MG		MG
	Other	MG		MG
C: Total Gallons Ac	ctd For:	0.5920 MG	0.5052	MG
Loss Unacctd for	r Water (B-C)	20.4898 MG	11.8376	
% Loss Unacctd	· · · · · · · · · · · · · · · · · · ·	48.01%	34.46%	,,,,,
70 L000 Onacota		40.0176		
Gallons / Day (+/-)	660,961	381,859	
Gallons / Minute	(+/-)	459	265	
YTD Budget:		% Used	Past YTD:	
AVG YTD Loss:				
	13 Mth Loss Rpt	Brownsville WTP		
		_		
				-
-			 -	
			· • • ·	
***		••	************	
*********	····		· · · · · · · · · · · · · · · · · · ·	•
·	/	`	^ _	
	-		-	
en e	va 21. laska 1. lenay 21.	ion 21 aul 21 aug 21 sept 21	oct 21 - nov 21 - dec 21	jan 2
				1 1

MONTHLY INSPECTION & REPORT FORM BROWNSVILLE TREATMENT PLANT

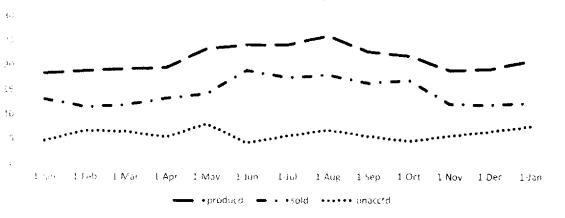
Gallons Sold Gallons Lost	42.681 21.599 20.490 18.01%	-	Maximum I Minimum P Average Pi	umped	1.1	312 129 376	
GPM Loss	459	-	Gallons Acc Tank Overl Plant Use Computer / Other Total	flow		0.000 0.592 0.000 0.000 0.592	
Booster Station Conditions		Poor	Fair		Good		Excellent
Building & Grounds		Poor	Fair		Good		Excellent
Electrical & Telemetry		Poor	Fair		Good		Excellent
Piping and valves		Poor	Fair		Good		Excellent
Pumps		_Poor	Fair		Good		Excellent
Tanks Conditions		_Poor	Fair		Good		Excellent
Site Condition		Poor	Fair		Good		Excellent
Evidence of overflow		Yes	No No		-		
Treatment Plant Appearance	: <u>e</u>						
Buildings		_Poor	Fair	<u> </u>	Good		Excellent
Grounds		_Poor	Fair	x	Good		Excellent
Intake		Poor	Fair	х	Good		Excellent
Road & entrance		Poor	Fair	х	Good		Excellent
Testing Done as required	x	Everyday	Almost ever	v dav		Some	Never
Housekeeping as required	x	Yes ' ' —	 No	•		•	
Mowing as required	·	Yes —	No				
Proper reports filled out	x	Yes	No		Sometime	es	
Equipment, pumps and etc. p	properly mai	intained	x Accord. to n	naintenand	e man.		Sometimes
Operator overseeing treatment	x	_	Never while on duty mylant more than		_Was awa	ay from pla	nt occasionally
Comments:		_ was away in	in plant more trian	needed			
							
							
With this report I certify that I			•		nce for th	e month of	
Jan 2021			o the best of my ab	oility.			
	_ Tim	Brews	ter		2-9-2021		
Operato	or		<u> </u>			Date	

Edmonson Co Water District Monthly Water Loss Report

			Wax	WTP
	Jan-22			
			Jan-21	Totals
A:	Produced	20.038 MG	17.390	MG
	Purchased	MG MG		MG
	Total	20.038 MG	17.390	MG
	Sold Residential	12.316 MG	13.6250	MG
	Wholesale	MG		MG
		MG		MG
	Total Sold	12.316 MG	13.625	MG
B:	Difference	7.722 MG	3.765	MG
	% Difference	38.54%	21.65%	•
	Gallons Acctd For:			
	Breaks	MG		MG
	Hyd. Flushing	MG		MG
	Tank Overflow	MG		MG
	Plant Use	0.998 MG	0.646	MG
	Fire Dept Use	MG		MG
	Adjustments +/-	MG		MG
	Other	MG		MG
C:	Total Gallons Acctd For:	0.998 MG	0.646	MG
	Loss Unacctd for Water (B-C)	6.724 MG	3.765	MG
	% Loss Unacctd for (B-C)/A	33.56%	21%	
	Gallons / Day (+/-)	216,899	121450	
	Gallons / Minute (+/-)	151	65	•
VT.	Dudgest	N 11 II	D4 VTD:	
טוז	Budget:	% Used	Past YTD:	

AVG	YTD	Loss:

13 month loss report



MONTHLY INSPECTION & REPORT FORM BROWNSVILLE TREATMENT PLANT

Jan-22

Gallons Pumped	20.038		Maximum	Pumped		805,200		
Gallons Sold	12.316		Minimum	,		485,900	•	
Gallons Lost	6.724	-	Average F	•		646,390	-	
Percentage Loss	33.56%	_		•		0.70,000	•	
GPM Loss	151	-	Gallons A	ccounted for				
		•	Tank Ove	rflow		0	ı	
			Plant Use			0.998	•	
			Computer			0		
			Other			0	•	
			Total			0.998	•	
							•	
Booster Station Cond	ditions	Poor	Fair	у	Good		Excellent	
Building & Grounds		Poor	— Fair	у	Good		Excellent	
Electrical & Telemetry		Poor ———	Fair	У	Good		Excellent	
Piping and valves		Poor	Fair	У	Good		Excellent	
Pumps		Poor	Fair		Good		Excellent	
,		- '			=		•	
Tanks Conditions		Poor	Fair	у	Good		Excellent	
					-		-	
Site Condition		Poor	Fair	у	Good		Excellent	
Evidence of overflow		Yes	No		-		•	
Treatment Plant App	earance							
Buildings		Poor	Fair	у	Good		Excellent	
Grounds		Poor	Fair	у у	Good		Excellent	
Intake		Poor	— Fair	у у	Good	•	- Excellent	
Road & entrance		Poor	—— Fair	у у	Good		Excellent	
. 17					-		•	
Testing Done as requi	red y	Everyday	Almost eve	ery day		Some		Never
Housekeeping as requ	iired y	Yes	No	•		•		_
Mowing as required	у у	Yes	— No					
Proper reports filled ou	ut y	Yes	No		Sometimes			
					_			
Equipment, pumps and	d etc. properly maintaii	ned y	Accord. to	maintenance	тал,		Sometime	es
*			Never				-	
Operator overseeing to	reatment	Was available while	e on duty	У	_Was away	from plant	occasionall	ly
4.4		Was away from pla	nt more than	needed	-			
Comments								
				-				-
With this report I certif					the month of	of		
Ger Jan-22	and that it	is accurate to the be	est of my abilit	у.				
-16								
		-2022						_
	Operator					Date		

EU CALUORE SIGNATURE

MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

29 <u>22</u>

Jan-22

February 22nd, 2022

ECWD

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

Minutes:

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

Audit Report/Ryan Mosier:

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

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

Check Approval:

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

Hart Co:

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

Edmonson County Fiscal Court:

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

Bid Opening for Trucks:

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

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

Bid Opening for Distribution:

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

Refinance:

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

Quote for Meter Change outs:

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

Grayson Co/Hwy 185:

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

Applicants for Distribution Crew:

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

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

Contract for CDL:

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

Dump Truck:

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

Adjourn:

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

Jimmy Mills X Barry Rich

Barry Rich

X

N.E. Reed

March 8th, 2022

ECWD

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

Minutes:

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

Financial Report:

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

Insurance Advisor:

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

Grayson Co:

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

Check Approval:

Check reports were given for approval at the next meeting.

Onsolve Bill:

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

Wax Plant:

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

Water Loss Reduction:

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

Bid Opening for Meter Change Outs:

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

References included from other water districts, can start immediately

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

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

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

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

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

New Employee:

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

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

CDL:

Justin Coy has started classes, he will be there for four weeks.

Dump Truck:

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

ARPA Funds:

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

Meter Change Out:

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

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

Adjourn:

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

X Barry Rich

N.E. Reed

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Vater l	Jtility:	Edmonson County Water District					
or the	Month of:	FEBRUARY	Year:	2022			
INE#		ITEM	GAL	LONS (Omit 000's)			
1	WATER PRODUCED A	ND PURCHASED					
2	Water Produced			52,490,000			
3	Water Purchased						
4		TOTAL PRODUCED AND PURC	CHASED	52,490,000			
5	•						
6	WATER SALES						
7	Residential			30,753,100			
8	Commercial						
9	Industrial			•			
10	Bulk Loading Stations						
11	Wholesale			2,632,200			
12	Public Authorities						
13	Other Sales (explain)						
14	_	TOTAL WATER	RSALES	33,385,300			
15							
16	OTHER WATER USED						
17	Utility and/or Water Tre	atment Plant		1,302,400			
18	Wastewater Plant						
19	System Flushing			852,100			
20	Fire Department			22,750			
21	Other Usage (explain) F			47500			
22		TOTAL OTHER WATE	R USED	2,652,250			
23	·· ·· ·· ·· ·· · · · · · · · · · · · ·						
24	WATER LOSS		21-22				
25	Tank Overflows						
26	Line Breaks			2,282,200			
27	Line Leaks			14,170,250			
28	Excavation Damages						
29	Theft						
30	Other Loss						
31		TOTAL WATE	ER LOSS	16,452,450			
32 33 34	Note: Line 14 + Line 22	2 + Line 31 MUS T Equal Line 4					
35	WATER LOSS PERCE	NTAGE					
36	(Line 31 divided by Line	e 4)		31.349			

MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS: TOTAL GALLONS PUMPED TOTAL GALLONS SOLD TOTAL GALLON LOSS PERCENTAGE LOSS	52,490,000 33,385,300 19,104,700 3600	GALLONS FLUSHEI NUMBER OF LEAKS ESTIMATED GALLO RIVER HILL PUMPS TANK OVERFLOW	NS 2,292,200 425,000
GALLONS ACCOUNTED FOR GALLONS UNACCOUNTED FOR	12 425 220 9	OTHER F-Dept.	<u> </u>
VEHICLE MAINTAINANCE:	ACCORDING SOMETIMES NEVER	TO MAINTAINANCE	MANUAL
EQUIPMENT MAINTAINANCE:	ACCORDING SOMETIMES NEVER	TO MAINTAINANCE	MANUAL
MOWING DONE AS REQUIRED:	YES	NO	PARTLY
SYSTEM APPEARANCE: LINES PRESSURE STATION TANK SITE BOOSTER STATION STORAGE YARD & LOT MAINTAINANCE OFFICE GROUNDS VALVES METERS TESTING DONE AS REQUIRED: PROPER REPORTS FILLED OUT: TOOL INVENTORY:	POOR V POOR V POOR V POOR POOR POOR POOR POOR POOR POOR V POOR V EVERY DAY SOME V YES CHECKED & E NOT CHECKE	NE\ NO BALANCED	GOOD EXCELLENT CONTROL OF CONTROL CHECKED & SOME GONE
MATERIAL INVENTORY:	CHECKED & E		CHECKED & SOME GONE
COMMENTS: Trying to With rural worker h Caught up on meter 2.105-Pro. 3.353-Soio. WITH THIS REPORT I CERTIFY TH	installs, work ord		le also trying to stay
Dy Hogelson	IN THAT HOP LOTED THE	_	-31-39

Edmonson Co Water District Monthly Water Loss Report

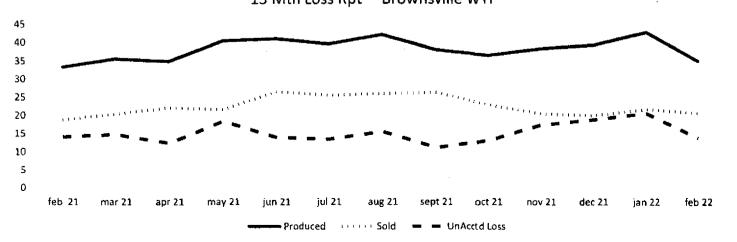
		=				Brownsville	WTP
		Feb 2022			Н		
						February-21	Totals
A:	Produce	ed	34.839	MG		33.39	9 MG
	Purchas	sed		MG			- MG
	Total		34.839	MG		33.39	MG
	Sold	Residential	17.9531	MG		16.127	1 MC
		Wholesale	2.6322				<u>+ MG</u> 5 MG
		Wax WTP	0.4320		()	2.03:	MG
	Total So		21.0173			40.70	_
	TOTAL SC		21.0173	IVIG		18.76	<u>s</u> MG
B:	Differen		13.8217	MG		14.630	6 MG
	% Differ	rence	39.67%			43.82%	6
	Gallons	Acctd For:			Į.		
		Breaks		MG			MG
	1	Hyd. Flushing		MG			MG
		ank Overflow		MG	1		MG
		Plant Use		MG		0.4832	MG
	,	Fire Dept Use		MG			MG
		djustments +/-	·	MG			MG
		Other (Wax)		MG			_MG
С	: Total G	alions Acctd I	0.463	MG		0.483	3 MG
		nacctd for Wa	13.358	•		14.153	_
		Unacctd for (38.34%	, 		42.38%	
	Callana	J.Day (+1	440 304			E0E 46	
		/ Day (+/	418,321	•		505,464 35	_
	Gallons	s / Minute (-l	291		II		!

YTD Budget: 32.73% under 11.2 % Used 38.42%

Past YTD Avg Loss:

AVG YTD Loss: 41.88%

13 Mth Loss Rpt Brownsville WTP



MONTHLY INSPECTION & REPORT FORM BROWNSVILLE TREATMENT PLANT

Poor Poor Poor Poor Poor Poor Poor Poor		Minimun Average Gallons A Tank Ov Plant Us Compute Other Total Fair Fair Fair Fair Fair Fair Fair Fai	se	0.8	E	Excellent Excellent Excellent Excellent Excellent
Poor Poor Poor Poor Poor Poor Poor Poor		Average Gallons A Tank Ov Plant Us Compute Other Total Fair Fair	Pumped Accounted for: verflow	Good Good Good Good Good	0.000 0.463 0.000 0.000 0.463	Excellent Excellent Excellent
Poor Poor Poor Poor Poor Poor Yes		Gallons A Tank Ov Plant Us Compute Other Total Fair Fair Fair Fair Fair Fair Fair Fai	Accounted for: verflow se	Good Good Good Good Good	0.000 0.463 0.000 0.000 0.463	Excellent Excellent Excellent
Poor Poor Poor Poor Poor Yes		Tank Ov Plant Us Compute Other Total Fair Fair Fair Fair Fair Fair Fair Fai	verflow se	Good Good Good Good	0.463 0.000 0.000 0.463	Excellent Excellent Excellent
Poor Poor Poor Poor Poor Yes		Tank Ov Plant Us Compute Other Total Fair Fair Fair Fair Fair Fair Fair Fai	verflow se	Good Good Good Good	0.463 0.000 0.000 0.463	Excellent Excellent Excellent
Poor Poor Poor Poor Poor Yes		Plant Us Compute Other Total Fair Fair Fair Fair Fair Fair Fair Fai	se	Good Good Good Good	0.463 0.000 0.000 0.463	Excellent Excellent Excellent
Poor Poor Poor Poor Poor Yes		Compute Other Total Fair Fair Fair Fair Fair Fair Fair Fai		Good Good Good Good	0.000 0.000 0.463	Excellent Excellent Excellent
Poor Poor Poor Poor Poor Yes		Other Total Fair Fair Fair Fair Fair Fair Fair Fai		Good Good Good Good	0.463	Excellent Excellent Excellent
Poor Poor Poor Poor Poor Yes		Total Fair Fair Fair Fair Fair Fair Fair Fai		Good Good Good Good	E	Excellent Excellent Excellent
Poor Poor Poor Poor Poor Yes		Fair Fair Fair Fair Fair Fair		Good Good Good Good	E	Excellent Excellent Excellent
Poor Poor Poor Poor Poor Yes		Fair Fair Fair Fair Fair Fair		Good Good Good Good	E	Excellent Excellent Excellent
Poor Poor Poor Poor Yes		Fair Fair Fair Fair Fair		Good Good Good	E	Excellent * Excellent
Poor Poor Poor Poor Yes		Fair Fair Fair Fair		Good Good	E	Excellent
Poor Poor Poor Yes		Fair Fair Fair		Good	E	
Poor Poor Yes		Fair		_		
Poor Yes		Fair		_Good	_	
Yes					E	Excellent
				Good	E	Excellent
		No		_		
Poor Poor Poor Poor		Fair Fair Fair Fair	x x x	_Good _Good _Good _Good		Excellent Excellent Excellent Excellent
x Everyd	av	Almost ev	verv dav		Some	, Never
			, ,		_	
Yes		— No				
xYes		No	-	Sometimes		
/ maintained	x		o maintenance	man.		Sometimes
y Wasa	vailable while		¥	Was away	from plant or	ccasionally
		-		_ ''' '' '' '' '' ''	nom plant of	soasionany
17000	inay morn pia					
	x Yes Yes x Yes maintained x Was a	x Yes Yes x Yes maintained x x Was available while	x Yes No Yes No x Yes No maintained x Accord. to Never x Was available while on duty	x Yes No Yes No x Yes No Mo Maintained Accord. to maintenance Never	x Yes No Yes No Sometimes x Yes No Sometimes maintained x Accord, to maintenance man. Never x Was available while on duty x Was away	x Yes No Yes No Sometimes Modernmentained x Accord, to maintenance man. Sometimes Never Never x Was available while on duty x Was away from plant on the plant of

3/8/2022 Date Operator

Edmonson Co Water District Monthly Water Loss Report

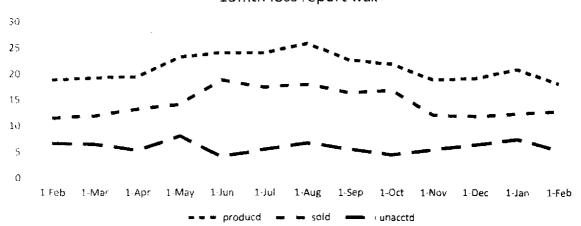
Feb-22

Wax

Residential Wholesale	17.651 MG 0.432 MG 18.083 MG 12.800 MG MG MG 12.800 MG 5.283 MG 29.22%	18.902 MG MG 18.902 MG 11.5500 MG MG MG MG 11.550 MG 7.352 MG
Residential	18.083 MG 12.800 MG MG MG 12.800 MG 5.283 MG	MG 18.902 MG 11.5500 MG MG MG 11.550 MG
Wholesale	18.083 MG 12.800 MG MG MG 12.800 MG 5.283 MG	11.5500 MG MG MG 11.550 MG
Wholesale	MG MG 12.800 MG 5.283 MG	MG MG 11.550 MG
ld	MG MG 12.800 MG 5.283 MG	MG MG 11.550 MG
ce	12.800 MG 5.283 MG	11.550 MG
ce	5.283 MG	
		7.352 MG
ence	29.22%	
		38.90%
Acctd For:		
Breaks	0.000 MG	MG
Hyd. Flushing	0.000 MG	MG
Tank Overflow	0.000 MG	MG
Plant Use	0.839 MG	0.630 MG
Fire Dept Use	0.000 MG	MG
Adjustments +/-	0.000 MG	MG
Other	0.000 MG	MG
llons Acctd For:	0.839 MG	0.630 MG
acctd for Water (B-C)	4.445 MG	6.722 MG
Jnacctd for (B-C)/A	24.58%	35.56%
/ Day (+/-)	158,732	224,067
· — —	110	156
	acctd for Water (B-C)	Acctd for Water (B-C)

AVG YTD Loss:

13mth loss report wax



MONTHLY INSPECTION & REPORT FORM

wax treatment plant

Feb-22

			 					
Gallons Pumped	18.083		. 4 3	D		074.40	2	
Gallons Sold				m Pumped		871,10	_	
Gallons Lost	12.800		Minimum Pumped 475,200					
	4.445		Average Pumped 630,393					
Percentage Loss	24.58%							
GPM Loss	110		Gallons	Accounted for	·;			
			Tank Ov	/erflow		(כ	
			Plant Us	se		0.839		
			Comput	er Adi.			<u></u>	
			Other	-			<u> </u>	
			Total			0.83	_	
			, 5,0,			0.03	-	
Booster Station Conditions	Poor		_Fair	<u>y</u>	Good		Excellent	
Building & Grounds	Poor		Fair	У	Good		Excellent	
Electrical & Telemetry	Poor	· · · · · · · · · · · · · · · · · · ·	Fair	у у	Good		Excellent	
Piping and valves	Poor		— Fair	У	Good		Excellent	
Pumps	Poor		 Fair		Good		Excellent	
,					- 0000			
Tanks Conditions	Poor		_Fair	<u> </u>	Good		_Excellent	
Site Condition	Poor		Fair	у	Good		Excellent	
Evidence of overflow	Yes	у	No.		-		-	
			_					
Treatment Plant Appearance								
Buildings	Poor		Fair	y	Good		Excellent	
Grounds	Poor		Fair	<u>y</u> _	Good		Excellent	
Intake	Poor		– Fair	у у	Good		Excellent	
Road & entrance	Poor		 _Fair	У	Good		Excellent	
		•						
Testing Done as required	y Everyda	ıy	_Almost e	very day		Some		_ Never
Housekeeping as required	YYes		_No					
Mowing as required	y Yes		No					
Proper reports filled out	y Yes		No		Sometime	es		
							•	
Equipment, pumps and etc. prope	erly maintained	у		o maintenance	man.		_Sometime	35
O	151	م داناس ما داند،	Never		Manage	nu fram ulant		h.
Operator overseeing treatment		vailable while o	•	<u>y</u>	- was awa	ay from plant	occasional	ıy
Comments	vvas a	way from plant	more mai	n needed				
Comments	····							

		· 						
			·····					
With this report I certify that I hav	e personally inspect	ed the operati	on and ma	intenance for	the month	n of		
Feb-22	and that it is accur							
obric grab	am 2.0.2022							

chris graham

3-9-2022

Operator

Date

MONTHLY WATER REPORT FOR THE OFFICE	FOR THE MONT	HOF		Feb-22
9425 payments receieved in office for	the the month			
1834 received from by mail	the the month		19 46%	paid by mail
157 received by walk in		-		paid by walk in
43 received by credit card		-		paid by credit card
2502 received from bankdraft		-		paid by bankdraft
1000 received from drive thru		_		paid by drive thru
3639 received from online				
		_		paid online
250 received from n.d	Josia Waley	· v	2.65%	paid by n.d.
34 was the most customers walk in			4.520	2/18/2022
75.00 Membership Fees Collected	31.0		nnect Fees	
21 Tap Fees Collected	0	0 Retu	irn Check F	ees Collected
11,118 Customer 30,752,900 Total	Gallons Sold	\$ 3	07,064.23	\$ Amount
2,632,200 Gals-City \$ 8,159.82 \$ Amo		_		Online Amount
2,032,230 000 000 000 p 1000			20,101.01	
1068 Phone Calls Logged	29	90 Wor	k Orders Pr	repared
Routes 1-10 Delinques nt Notices mailed	51	19		
25 Customers Disconnected				\$ 1.00
				Cost Per 1,000 Gallons
6 Rehung same day				Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	26	58		
16 Customers Disconnected				
2 Rehung same day				
MONTHLY SEWER REPORT FOR THE OFFICE	FOR THE MONT	H OF		Feb-22
56 Customers	Revenue	Receiv	ed	
	146.36 Cost			
2400 Gallons Treated	10.18 Cost	\$	1,456.54	
0 Customers Disconnected				
Comments:				
-				
000	1		1 1	
TUCOMPON	0	2	120	
munus	-		100	a
SIGNATURE			DATE	

ECWD

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

Minutes:

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

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

O& M Report:

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

Wax Plant:

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

Cleaner Water Fund:

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

ARPA Funds:

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

Middlebrook Subdivision:

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

Allen Johnson's New Subdivision:

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

Insurance Consultation:

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

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

Pay Scale:

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

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

Timmy Vincent:

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

Special Meeting:

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

Adjourn:

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

X	X	_
Jimmy Mills	Barry Rich	
X		
N.E. Reed		

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

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

mele

• Sewer Operation & Maintenance (Sewer Account ID: 13400)

Jimmy Mills

Barry Rich

N E Reed

March 28th, 2022

ECWD

Special Meeting

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

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

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

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

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

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

Adjourn:

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

X Barry Rich

N.E. Reed

EDMONSON COUNTY WATER DISTRICT EDMONSON COUNTY, KENTUCKY

RESOLUTION

- WHEREAS, the Edmonson County Water District has a policy in which its water distribution employees work from 7:30 a.m. cst to 4:30 p.m. cst Monday through Friday.
- WHEREAS, Timmy Vincent has been and is currently employed with the Edmonson County Water District working in the water distribution of the district.
- WHEREAS, Timmy Vincent has worked several years for the Edmonson County Water District and has acquired a vast amount of knowledge in the area of water distribution.
- WHEREAS, the knowledge and expertise of Timmy Vincent has made him an invaluable part, of the water distribution for the Edmonson County Water District.
- **WHEREAS**, Timmy Vincent is in a position where he is only capable of working thirty (30) hours a week for Edmonson County Water District.
- **NOW THEREFORE, BE IT RESOLVED,** by that the Edmonson County Water District, that Timmy Vincent may be employed by the Edmonson County Water District for thirty (30) hours per week.
- **BE IT FURTHER RESOLVED**, that the hours that Timmy Vincent shall be employed shall be set by the manager of Edmonson County Water District, Tony Sanders.

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

IMMY MILLS, Chairman Edmonson County Water District

ATTESTED BY:

BARRY KICH, Secretary

Edmonson County Water District

EDMONSON COUNTY WATER DISTRICT EDMONSON COUNTY, KENTUCKY

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

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

MMMY MILLS, Chairman Edmonson County Water District

ATTESTED BY:

Edmonson County Water District

April 12th, 2022

ECWD

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

Minutes:

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

Check Approval:

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

Special Meeting Minutes:

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

Financial Report:

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

Budget Amendment:

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

Overtime:

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

Middlebrook Subdivision & Darrell Oliver:

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

Cleaner Water Money/ARPA:

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

Ear Mark Grant:

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

Appraisal:

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

Contract for Grayson Co Purchase:

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

nsurance	Propo	sals:
----------	-------	-------

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

CCR:

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

Diplomat Shores:

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

Check Approval:

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

Internship:

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

New Employee:

Luke Deker was hired, he will start on Monday.

Dump Truck:

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

Adjourn:

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

Jimmy Mills Barry Rich

X Barry Rich

N.E. Reed

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

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

immy Mills

Barry Rich

N.E. Reed

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

/ater l	Utility:	Edmonson County Water District				
or the	Month of:	March	Year:	2022		
			<u> </u>	(C) 15 (Omit 0003)		
1	WATER PRODUCED AND PURCHA	SED				
2	Water Produced			55,461,000		
3	Water Purchased					
4	TOTAL P	RODUCED AND PU	IRCHASED	55,461,000		
5						
6	WATER SALES					
7	Residential			28,616,200		
8	Commercial					
9	Industrial					
10	Bulk Loading Stations					
11	Wholesale			3,161,800		
12	Public Authorities					
13	Other Sales (explain)					
14		TOTAL WAT	ER SALES	31,778,000		
15						
16	OTHER WATER USED					
17	Utility and/or Water Treatment Plant		,,	3,075,700		
18	Wastewater Plant			, ,		
19	System Flushing			1,481,200		
20	Fire Department			158,100		
21	Other Usage (explain) PUMPS			450,00		
22		TOTAL OTHER WA	TER USED	5,165,000		
23						
24	WATER LOSS					
25	Tank Overflows					
26	Line Breaks			2,940,640		
27	Line Leaks			15,577,360		
28	Excavation Damages			, , , , , , , , , , , , , , , , , , , ,		
29	Theft					
30	Other Loss					
31	0.1.10.1.2000	TOTAL WA	TER LOSS	18,518,000		
32	<u> </u>			. 0,0 ,0,000		
33	Note: Line 14 + Line 22 + Line 31 ML	JST Equal Line 4				
34						
35	WATER LOSS PERCENTAGE					
36	(Line 31 divided by Line 4)		,	33.399		

MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS: TOTAL GALLONS PUMPED TOTAL GALLONS SOLD TOTAL GALLON LOSS PERCENTAGE LOSS GALLONS ACCOUNTED FOR	55,461,000 31,779,000 23,683,000 42% 5029,940	GALLONS FLUSHED NUMBER OF LEAKS ESTIMATED GALLONS RIVER HILL PUMPS TANK OVERFLOW OTHER F-DEPT	1,481,200 16 2,940,640 450,000
GALLONS UNACCOUNTED FOR	18,653,060		
VEHICLE MAINTAINANCE:	SOMETIMES NEVER	TO MAINTAINANCE MAN	NUAL
EQUIPMENT MAINTAINANCE:	ACCORDING SOMETIMES NEVER	TO MAINTAINANCE MAN	NUAL
MOWING DONE AS REQUIRED:	YES	NO	_PARTLY
SYSTEM APPEARANCE: LINES PRESSURE STATION TANK SITE BOOSTER STATION STORAGE YARD & LOT MAINTAINANCE OFFICE GROUNDS VALVES METERS TESTING DONE AS REQUIRED: PROPER REPORTS FILLED OUT: TOOL INVENTORY:	POOR POOR POOR POOR POOR POOR POOR POOR	NEVER NO BALANCED ED	GOOD EXCELLENT TOOM EXCELLENT EXCELLENT TOOM EXCELLENT
MATERIAL INVENTORY:	NOT CHECKI		CHECKED & SOME GONE
	Wile trying to	keep all other	
WITH THIS REPORT I CERTIFY TH	AT I HAVE INSPECTED TH	IE OPERATION AND MAINT	INANCE FOR THE MONTH OF
Dyl Hayel OPERATOR		<u>4- а</u>	2 - 22

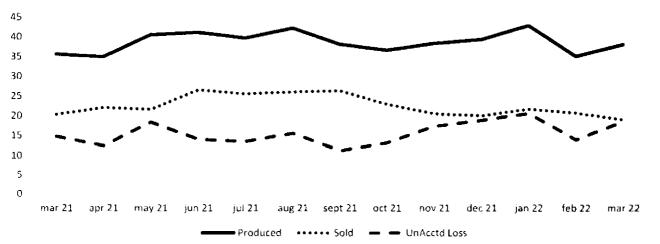
Edmonson Co Water District Adjusted Monthly Water Loss Report

			Brownsville W
	Mar 2022		
			March-21
A: Produced		37.844 MG	35.622 M
To Wax Service Are	a	MG	M
Total		37.844 MG	35.622 M
Sold	Residential	15.7072 MG	17.1132 M
	Wholesale	3.1618 MG	3.238 M
	Other	MG	м
Total Sold		18.8690 MG	20.351 M
: Difference		18.9750 MG	15.271 M
% Difference		50.14%	42.87%
Gallons Acctd For:			
	Breaks	MG	м
	Hyd. Flushing	MG	M
	Tank Overflow	MG	M
	Plant Use	0.5537 MG	0.522 M
	Fire Dept Use	MG	M
•	Adjustments +/	MG	M
	Other (Wax)	MG	M
: Total Gallons Acctd	For:	0.554 MG	0.522 M
Loss Unacctd for W	ater (B-C)	18.421 MG	14.749 M
% Loss Unacctd for	(B-C)/A	48.68%	41.41%
Gallons / Day (+/	-)	594,226	491,633
Gallons / Minute (413	341

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

AVG YTD Loss: 45.42%

13 Mth Loss Rpt Bville WTP



MONTHLY INSPECTION & REPORT FORM BROWNSVILLE TREATMENT PLANT

Gallons Pumped	37.844		Maximum Pum	ned	1.544	
Gallons Sold	18.869		Minimum Pump		0.902	
Gallons Lost	18.421		Average Pump		1.22	
Percentage Loss	48.68%		-	-		
GPM Loss	413		Gailons Account	ed for:		
			Tank Overflow		0.000	
			Plant Use		0.554	
			Computer Adj.		0.000	
			Other		0.000	
			Total		0.554	
Booster Station Conditions	Poor	•	Fair	Good	F	xcellent
Building & Grounds	Poor		Fair —	Good		xcellent
Electrical & Telemetry	Poor	r ———	Fair	Good		xcellent
Piping and valves	Poor		Fair	Good		xcellent
Pumps	Poor		Fair	Good		xcellent
•						
Tanks Conditions	Poor		Fair	Good	E	xcellent
Site Condition	Poor	•	Fair	Good	_	xcellent
Evidence of overflow	Yes		_' a''			ACCHOIL
24/30//00 0/ 0/0///01			_'''			
Treatment Plant Appearance						
Buildings	Poor		Fair	x Good	E:	xcellent
Grounds	Poor		Fair	x Good	E:	xcellent
Intake	Poor	r	Fair	x Good	E	xcellent
Road & entrance	Poor	r	Fair	x Good	E	xcellent
		-	_			
Testing Done as required	x Ever	ryday	Almost every day	/	Some	Never
Housekeeping as required	x Yes		No	<u> </u>	_	
Mowing as required	x Yes		No			
Proper reports filled out	Yes		No	Sometime	9 S	
Equipment, pumps and etc. pro	nady maintaine	ed x	Accord, to mainte	enance man	s	ometimes
Equipmoni, pumps and oto. proj	Jony manname	~ 		onanos man.		om our ou
	14/		Never	18/	f u-ml	
Operator overseeing treatment		s available while	-		ay from plant	t occasionally
	Was	s away from pla	int more than nee	eded		
Comments:						
		_				
		•				
· · · · · · · · · · · · · · · · · · ·						
The same of the sa			 <u>;</u>	,		
With this report I certify that I ha	•		•		e month of	
Mar 2022	and that it is a	accurate to the I	best of my ability.			
CFC.	Phone	206.4				

ify that I have personally inspected the operation and maintenance for the month of and that it is accurate to the best of my ability.

Tim Stewslet 4/19/2021

Operator Date

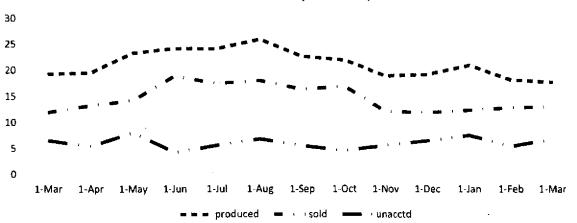
Edmonson Co Water District Monthly Water Loss Report

		Wax WTF
Mar-22	H	Mar-21 Tota
	PARTITION OF THE PARTIT	
	17.617 MG	20.374 MG
		МG
Total	17.617 MG	20.374 MG
Sold Residential	12.9090 MG	12.7410 MG
Wholesale	MG	MG
	MG	MG
Total Sold	12.909 MG	12.741 MG
Difference	4.708 MG	7.633 MG
% Difference	26.72%	37.46%
Gallons Acctd For:		
Breaks	MG	MG
		MG
Tank Overflow	MG	MG
Plant Use	2.522 MG	0.834 MG
Fire Dept Use	MG	MG
		MG
Other	MG	MG
Total Gallons Acctd For:	2.522 MG	0.834 MG
Loss Unacctd for Water (B-C)	2.186 MG	6.799 MG
% Loss Unacctd for (B-C)/A	12.41%	33.37%
Gallons / Day (+/-)	70,516	219,310
Gallons / Minute (+/-)	48.9	152
	Produced Purchased Total Sold Residential Wholesale Total Sold Difference % Difference Gallons Acctd For: Breaks Hyd. Flushing Tank Overflow Plant Use Fire Dept Use Adjustments +/- Other Total Gallons Acctd For: Loss Unacctd for Water (B-C) % Loss Unacctd for (B-C)/A Gallons / Day (+/-)	Produced 17.617 MG Purchased MG Total 17.617 MG Sold Residential 12.9090 MG MG MG MG MG Total Sold 12.909 MG Difference 4.708 MG % Difference 26.72% Gallons Acctd For: MG Hyd. Flushing MG Flushing MG Plant Use 2.522 MG Fire Dept Use MG Adjustments +/- Other MG Total Gallons Acctd For: 2.522 MG Loss Unacctd for Water (B-C) 2.186 MG % Loss Unacctd for (B-C)/A 12.41% Gallons / Day (+ / -) 70,516

AVG YTD Loss:

23.9%

13 month loss report wax plant



PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water	Utility:	Edmonson (County Water District	
For the	Month of:	FEBRUARY	Year:	2022
LINE #		ITEM	CAL	LONS (Omit 000's)
	WATER PRODUCED A		GAL	LONG (Offit 000 S)
1 2	Water Produced	ND FORCHASED		52,490,000
3	Water Purchased			32,490,000
4	TVater i dicilased	TOTAL PRODUCED AND	PURCHASED	60 A 10 A 10 A
5	<u></u>	10172111020022 7.10		
6	WATER SALES			
7	Residential			30,753,100
8	Commercial			00,700,100
9	Industrial			
10	Bulk Loading Stations			
11	Wholesale			2,632,200
12	Public Authorities			_,,
13	Other Sales (explain)			
14		TOTAL W	ATER SALES	33,385,300
15	<u></u>			<u> 1968 - Marie III. Siran (1868) - Maria Alabakar Sana</u>
16	OTHER WATER USED			
17	Utility and/or Water Trea	atment Plant		2,775,000
18	Wastewater Plant			· · · ·
19	System Flushing			852,100
20	Fire Department			22,750
21	Other Usage (explain) P	UMPS		475000
22		TOTAL OTHER	WATER USED	4,124,850
23 24	WATER LOSS			
25	Tank Overflows	·		
26	Line Breaks			2,282,200
27	Line Leaks			12,697,650
28	Excavation Damages			, ·
29	Theft			
30	Other Loss			·
31		TOTAL	WATER LOSS	14,979,850
32				
33 34	Note: Line 14 + Line 22	+ Line 31 MUST Equal Line 4		
35	WATER LOSS PERCE	NTAGE		
36	(Line 31 divided by Line			28.54%
	<u> </u>		SACRETAL.	

MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS: TOTAL GALLONS PUMPED TOTAL GALLONS SOLD TOTAL GALLON LOSS PERCENTAGE LOSS	52,490,000 33,385,300 19,104,700 3600	GALLONS FLU NUMBER OF L ESTIMATED G RIVER HILL PU TANK OVERFI	LEAKS BALLONS UMPS	852,1 14 2,292 42		
GALLONS ACCOUNTED FOR GALLONS UNACCOUNTED FOR	3,632,050	OTHER F-D	ept.	22,7	50	
VEHICLE MAINTAINANCE:	ACCORDING SOMETIMES NEVER	3 TO MAINTAINA 3	ANCE MAN	UAL		
EQUIPMENT MAINTAINANCE:	ACCORDING SOMETIMES NEVER	3 TO MAINTAINA 3	ANCE MAN	UAL		
MOWING DONE AS REQUIRED:	YES	NO		PARTLY		
SYSTEM APPEARANCE:		. /				
LINES	POOR _	FAIR		GOOD		EXCELLENT
PRESSURE STATION	POOR POOR	✓FAIR FAIR		_GOOD GOOD		EXCELLENT
TANK SITE BOOSTER STATION	POOR	FAIR	-	GOOD		EXCELLENT
STORAGE YARD & LOT	POOR _	FAIR	-	GOOD		EXCELLENT
MAINTAINANCE	POOR	FAIR	-	GOOD		EXCELLENT
OFFICE GROUNDS	POOR	FAIR	-	GOOD		EXCELLENT
VALVES	POOR	FAIR		GOOD		EXCELLENT
METERS	POOR	FAIR		GOOD		EXCELLENT
						
TESTING DONE AS REQUIRED:	EVERY DAY		 : -= = =	EVERY DA	ΑY	
	SOME		_NEVER			
PROPER REPORTS FILLED OUT:	YES		NO			
TOOL INVENTORY:	CHECKED 8	BALANCED (ED		CHECKE	O & SOME	GONE
MATERIAL INVENTORY:	CHECKED 8	BALANCED KED		_CHECKEI	D & SOME	GONE
COMMENTS: Trime t	to locate leaks				<u>`</u>	arter
Carabt up on meter		elp us 1001 1805 9-8 1	ocates.	0150 Tr	4129	o stay
CHURCH UP ON CHIP	TANTAILE, NOT L'OI	<u> </u>	OD WAY	····		
2,108-Pro.						
3.357 - Sola						
WITH THIS REPORT I CERTIFY THE FEBRUARY	AT I HAVE INSPECTED T	HE OPERATION A	ND MAINTII	NANCE FOR	R THE MON	NTH OF
But But I			3-21.	-22		
OPERATOR OPERATOR			DATE	<u>va</u>		·

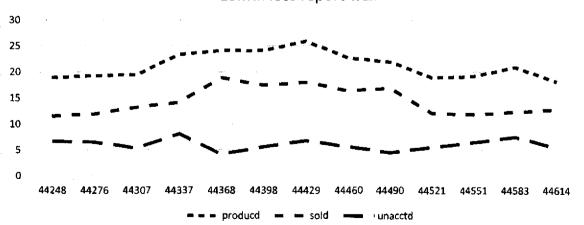
Edmonson Co Water District Monthly Water Loss Report

			Wax	WTP
	Feb-22	1	Feb-21	Totals
_				•
A:	Produced	17.651 MG	18.902	
	Purchased	0.432 MG		MG
	Total	18.083 MG	18.902	MG
	Sold Residential	12.800 MG	11.5500	MG
	Wholesale _	MG		MG
	_	MG		MG
	Total Sold	12,800 MG	11.550	MG
}:	Difference	5.283 MG	7.352	MĢ
	% Difference	29.22%	38.90%	•
	Gallons Acctd For:			
	Breaks _	0.000 MG		MG
	Hyd. Flushing _	0,000 MG		MG
	Tank Overflow	0,000 MG		MG
	Plant Use	1.936 MG	0.630	MG
	Fire Dept Use			MG
	Adjustments +/-	0.000 MG		MG
	Other _	0.000 MG		MG
:	Total Gallons Acctd For:	1,936 MG	0.630	MG
	Loss Unacctd for Water (B-C)	3.347 MG	6.722	MG
	% Loss Unacctd for (B-C)/A	18.51%	35.56%	
	Gallons / Day (+/-)	119,536	224,067	
	Gallons / Minute (+/-)	83	156	1

YTD Budget:	% Used ∦	Past YTD:
		, 40. 7. 5.

AVG YTD Loss:

13mth loss report wax



MONTHLY INSPECTION & REPORT FORM

wax treatment plant

Feb-22

Date

Gallons Pumped	18.083	Maximum Pumped			871,100	_		
Gallons Sold	12.800		Minimum	Pumped		475,200	_	
Gallons Lost	3.347		Average I	Pumped		630,393	•	
Percentage Loss	18.51%							
GPM Loss	83			Accounted for	•			
			Tank Ove	erflow		0	_	
			Plant Use	•		0.839		
			Compute	r Adj.		0	-	
			Other			0	-	
			Totai			0.839	•	
Booster Station Conditions	Poor		Fair	v	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	
•			-				•	
Tanks Conditions	Poor		_Fair	<u>y</u>	Good		Excellent	
Site Condition	Poor		Fair	у	Good		Excellent	
Evidence of overflow	Yes	У	No		•		-	
Treatment Plant Appearance								
Buildings	Poor		Fair		Good		Excellent	
Grounds	Poor		_ Fair Fair	<u> </u>	Good	······	Excellent	
Intake	Poor		- Fair	<u> </u>	Good		Excellent	
Road & entrance			-	<u>y</u>	•		Excellent	
Noad & entrance	Poor		_Fair	<u>y</u>	Good		- Excellent	
Testing Done as required	y Everyda	у	Almost eve	ery day		Some		Never
Housekeeping as required	y Yes	-	No		,,,,,,			-
Mowing as required	y Yes		No					
Proper reports filled out	Y Yes		No		Sometimes	L		
Equipment, pumps and etc. prope	rly maintained	<u>y</u>	_	maintenance i	man.		Sometime	es
			Never					_
Operator overseeing treatment		ailable while o		у	Was awa	y from plant	occasional	ly
5 .	Was av	vay from plant	more than	needed				
Comments								
								
								
							-	
	<u></u>							
				 _				
lared at the second sec								
With this report I certify that I have					tne month	Of		
Feb-22	and that it is accura	ate to the best	ot my abili	ty.				
chris graha	am 3-9-2022							
rairis drans	4515 3-Mm/11//							

Operator

PUBLIC SERVICE COMMISSION **Monthly Water Loss Report** Water Utility: **Edmonson County Water District** For the Month of: Year: 2022 January LINE# ITEM **GALLONS (Omit 000's)** WATER PRODUCED AND PURCHASED 2 Water Produced 62,719,000 3 Water Purchased 4 TOTAL PRODUCED AND PURCHASED 62,719,000 5 6 **WATER SALES** 7 Residential 31,154,100 8 Commercial 9 Industrial 10 Bulk Loading Stations 11 Wholesale 2,766,100 12 Public Authorities 13 Other Sales (explain) TOTAL WATER SALES 14 33,920,200 15 16 OTHER WATER USED 17 Utility and/or Water Treatment Plant 2,765,000 Wastewater Plant 18 System Flushing 19 1,482,000 Fire Department 20 Other Usage (explain) * PUMPS * 460000 21 22 TOTAL OTHER WATER USED 4,707,000 23 24 WATER LOSS 25 Tank Overflows 26 Line Breaks 3,333,400 27 Line Leaks 20,758,400 28 Excavation Damages 29 Theft 30 Other Loss 31 **TOTAL WATER LOSS** 24,091,800 32 Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4 33 34 WATER LOSS PERCENTAGE 35 36 (Line 31 divided by Line 4) 38.41%

MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS: TOTAL GALLONS PUMPED TOTAL GALLONS SOLD TOTAL GALLON LOSS PERCENTAGE LOSS GALLONS ACCOUNTED FOR GALLONS UNACCOUNTED FOR	62,719,000 33,915,200 28,803,800 45%	GALLONS FLUS NUMBER OF LE ESTIMATED GA RIVER HILL PUN TANK OVERFLO OTHER F-Dep	AKS LLONS MPS OW	3197	00			
	93,238,200 330		10F 14ANII	141				
VEHICLE MAINTAINANCE:	SOMETIMES NEVER	TO MAINTAINAN						
MOWING DONE AS REQUIRED:		NO		PARTLY				
SYSTEM APPEARANCE: LINES PRESSURE STATION TANK SITE BOOSTER STATION STORAGE YARD & LOT MAINTAINANCE OFFICE GROUNDS VALVES METERS TESTING DONE AS REQUIRED: PROPER REPORTS FILLED OUT: TOOL INVENTORY:	POOR POOR POOR POOR POOR POOR POOR POOR	BALANCED	ALMOST NEVER	GOOD GOOD GOOD GOOD GOOD GOOD GOOD GOOD	EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT			
MATERIAL INVENTORY:	NOT CHECKCHECKED & NOT CHECK	BALANCED		CHECKED &	SOME GONE			
COMMENTS: Trying to find leaks and fix them as fast as passible. While trying to keep an other work orders and locates carget up. 1.02.8 - Pro. 1000 1.90.8 - Sold. 1000								
WITH THIS REPORT I CERTIFY THE SALVAN 2028 DELLE HOLLOW OPERATOR	HAT I HAVE INSPECTED TH	HE OPERATION AN	_	NANCE FOR TH	E MONTH OF			

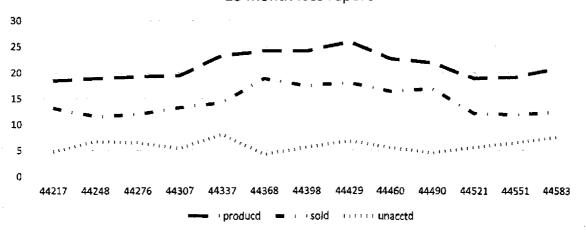
Edmonson Co Water District Monthly Water Loss Report

Wax

WTP

	Jan-22		8	Jan-21	Totals
A:	Produced	20.038	мд	17.390	MG
	Purchased		MG		MĢ
	Total	20.038	MG	17.390	MG
	Sold Residential	12.316	MG	13.6250	MĢ
	Wholesale		MG		MĢ
			MG		MĢ
	Total Sold	12.316	MG	13.625	MG
B:	Difference	7.722	MG	3.765	MG
	% Difference	38.54%	·	21.65%	
	Gallons Acctd For:				
	Breaks	1	MG		MG
	Hyd. Flushing	·	MG		MG
	Tank Overflow	· .	MG		MG
	Plant Use	2.173	MG	0.646	MG
	Fire Dept Use		MG		MG
	Adjustments +/-		MG [MG
	Other		MG		MG
C:	Total Gallons Acctd For:	2,173	MG	0.646	MĢ
	Loss Unacctd for Water (B-C)	5.549	MG	3.765	MG
	% Loss Unacctd for (B-C)/A	27.69%	·	21%	•
	Gallons / Day (+/-)	179,003		121450	
	Gallons / Minute (+/-)	124		65	
YTD	Budget:		% Used	Past YTD:	
		- 	• "		
AVG YT	D Loss:				

13 month loss report



MONTHLY INSPECTION & REPORT FORM BROWNSVILLE TREATMENT PLANT

Jan-22

Gallons Pumped	20.038	Maximum	Pumped		805,200)	
Gallons Sold	12.316	Minimum	•		485,900	_	
Gallons Lost	5.549	Average I	•		646,390		
Percentage Loss	27.69%	J	•		0 101000	_	
GPM Loss	124	Gallons A	ccounted fo	г:			
		Tank Ove			()	
		Plant Use		-	0.998	_	
		Computer			(
		Other		•		_	
		Total			0.998		
Booster Station Conditions	Poor	Fair	v	Good		Excellent	
Building & Grounds	Poor	Fair	y	_Good		Excellent	
Electrical & Telemetry	Poor	Fair	- y	Good		Excellent	
Piping and valves	Poor	Fair		_Good		Excellent	
Pumps -	Poor	Fair	<u>y</u>	_Good		Excellent	
· amps	POOI	raii	<u>y</u>	_0000		- LYCOHOLK	
Tanks Conditions	Poor	Fair	у	_Good		Excellent	
Site Condition	Poor	Fair	у	Good		Excellent	
Evidence of overflow	Yes	No		-		_	
Treatment Plant Appearance							
Buildings	Poor	Fair.	у	Good		Excellent	
Grounds	Poor	Fair	У	Good		Excellent	
Intake	Poor	Fair	У	Good		Excellent	
Road & entrance	Poor	Fair	у	Good		Excellent	
Testing Done as required	y Everyday	Almost eve	ery day		Some		_ Never
Housekeeping as required	y Yes	No No				,	
Mowing as required	y Yes	No					
Proper reports filled out	y Yes	No		_Sometimes	· '		
Equipment, pumps and etc. proper	ly maintained		maintenance	man.		Sometime	es
Operator overseeing treatment	Was availa	Never ble while on duty	у	Was away	from plant	occasional	ŀv
		from plant more than			,		•
Comments		, and plants man					
						······································	
· · · · · · · · · · · · · · · · · · ·			•				
	., <u>, , , , , , , , , , , , , , , , , , </u>				<u> </u>		
,		•					,
	·				··		
		······································					
	 						
						 .	
With this report I certify that I have	personally inspected t	he operation and mair	ntenance for	the month	of		
	and that it is accurate t						

chris graham Operator 2-8-2022

Date

ECWD

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

Minutes:

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

Park Mammoth:

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

Check Approval:

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

Fire Hydrant Contracts/Middlebrook Subdivision:

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

Metlife:

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

Cleaner Water Grant:

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

Grant from Representative Guthrie's Office:

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

Insurance Proposals

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

Contract with Grayson County:

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

Water Loss:

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

Meter Change Out:

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

Wax Plant Injury:

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

Overtime:

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

Dump Truck:

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

Appraisal:

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

Company Picnic:

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

Adjourn:

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

X	mila.	X Same	Rich
Jimmy Mills		Barry Rich	

Dhalailel

May 10th, 2022

ECWD

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

Charles Brooks Leak:

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

Financial Report:

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

Overtime Report:

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

Vac Truck:

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

Edmonson County Project:

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

Wax Plant:

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

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

Park Mammoth:

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

Wax Injury:

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

Daniel Bullock:

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

Grayson County Sale:

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

Dump Truck/Air Compressor:

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

Kyle Ray/Devin Poor:

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

Hawkins Fuel Charge:

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

Company Picnic:

It is scheduled for June 18th at the Moutardier Shelter

Check Approval:

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

Motion to Adjourn:

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

Jimmy Mills X Barry Rich Barry Rich

N.F. Reed

CUCALUOLLE

5/11/2a

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

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

Jimmy Wills Barry Rich

N.E. Reed

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

iter (Jtility:	Edmonson County Water District			
the	Month of:	April	Year:	2022	
E#		ITEM	GAL	LONS (Omit 000'	
1	WATER PRODUCED A	ND PURCHASED		<u> </u>	
2	Water Produced			49,798,00	
3	Water Purchased				
4		TOTAL PRODUCED AN	D PURCHASED	49,798,00	
5					
6	WATER SALES				
7	Residential			30,598,70	
8	Commercial				
9	Industrial				
10	Bulk Loading Stations				
11	Wholesale			2,409,70	
12	Public Authorities				
13	Other Sales (explain)				
14	\ ' ' -	TOTAL	WATER SALES	33,008.40	
15	<u> </u>			<u> </u>	
16	OTHER WATER USED				
17	Utility and/or Water Trea		,	1,222,90	
18	Wastewater Plant			.,===,•,	
19	System Flushing			1,468,00	
20	Fire Department			19,42	
21	Other Usage (explain)	PUMPS		4500	
22	ourse sough (explain)_		R WATER USED		
23					
24	WATER LOSS				
25	Tank Overflows				
26	Line Breaks			1,674,94	
27	Line Leaks			11,954,33	
 28	Excavation Damages			, , , , , , , , ,	
29	Theft				
30	Other Loss				
31		TOTA	L WATER LOSS	13 629 27	
32	<u> </u>			,020,21	
33	Note: Line 14 + Line 22	+ Line 31 MUST Equal Line	4		
34			•		
	W. TED 000 0ED0E				
35	WATER LOSS PERCE	NTAGE			

MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS: TOTAL GALLONS PUMPED TOTAL GALLONS SOLD TOTAL GALLON LOSS PERCENTAGE LOSS	49,798,000 33,008,400 16,789,600 3396	GALLONS FLUS NUMBER OF LE ESTIMATED GA RIVER HILL PUI TANK OVERFLO	AKS ALLONS 1,67 MPS WS	4,940 3800
GALLONS ACCOUNTED FOR GALLONS UNACCOUNTED FOR	3,612,365 15,122,235 30	OTHER Fire	Dep. 19,2	125
VEHICLE MAINTAINANCE:	ACCORDING SOMETIMES NEVER	G TO MAINTAINAN S	NCE MANUAL	
EQUIPMENT MAINTAINANCE:	ACCORDING SOMETIME NEVER	G TO MAINTAINAN S	NCE MANUAL	
MOWING DONE AS REQUIRED:	YES	NO	PARTLY	
SYSTEM APPEARANCE: LINES PRESSURE STATION TANK SITE BOOSTER STATION STORAGE YARD & LOT MAINTAINANCE OFFICE GROUNDS VALVES METERS TESTING DONE AS REQUIRED: PROPER REPORTS FILLED OUT: TOOL INVENTORY:	POOR POOR POOR POOR POOR POOR POOR POOR	& BALANCED	GOOD GOOD GOOD GOOD GOOD GOOD GOOD GOOD	EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT
MATERIAL INVENTORY:	CHECKED NOT CHEC	& BALANCED KED	CHECKE	D & SOME GONE
COMMENTS: Tring to Stay While tring to Stay MITH THIS REPORT I CERTIFY THE	Cought up on a	11 other ma		
Dela Hogelmol			5-23-28 DATE	· · · · · · · · · · · · · · · · · · ·

Edmonson Co Water District Monthly Water Loss Report

APril 2022 April-21 Totals A: Produced 32.0360 MG 34.924 MG		-	Brownsville	WTP
Purchased Total 32.0360 MG 34.924 MG 34.924 MG 34.924 MG 34.924 MG 34.924 MG 37.19 MG 37.19 MG MG MG MG MG MG MG MG	April 2022		April-21	_Totals
Total	A: Produced	32.0360 MG	34.924	MG
Sold Residential 18.0627 MG 18.3111 MG 3.719 MG MG MG MG MG MG MG MG	Purchased	MG		MG
Wholesale Wax WTP	Total	32,0360 MG	34.924	MG
Max WTP	Sold Residentia	/18.0627 MG		
Total Sold 20.4724 MG 22.030 MG			3.719	MG
B: Difference	Wax WTF	, MG		_
MG	Total Sold	20.4724 MG	22.030	MG
Breaks	B: Difference	11.564 MG	12.894	MG
Breaks	% Difference	36.10%	36.92%	-
Hyd. Flushing	Gallons Acctd For:			
Hyd. Flushing	Breaks	sMG		-
Tank Overflow	Hyd. Flushing	gMG		MG
Plant Use	Tank Overflow	/ MG		MĢ
Fire Dept Use	Plant Use	0.4169 MG	0.514	MG
Adjustments +/- Other MG MG MG MG MG				MG
Other MG MG C: Total Gallons Acctd For: 0.4169 MG 0.514 MG Loss Unacctd for Water (B-C) 11.147 MG 12.380 MG % Loss Unacctd for (B-C)/A 34.79% 35.45% Gallons / Day (+/-) 371,567 Gallons / Minute (+/-) 412,667 287 YTD Budget: 28.75 % Used Past YTD: 38.42% NG YTD Loss: 42.77% 42.77%		- MG		MG
Loss Unacctd for Water (B-C) 11.147 MG 12.380 MG 35.45% Gallons / Day (+/-) 371,567 412,667 Gallons / Minute (+/-) 258	_			-
% Loss Unacctd for (B-C)/A 34.79% 35.45% Gallons / Day (+/-) 371,567 412,667 Gallons / Minute (+/-) 258 287 YTD Budget: 28.75 % Used Past YTD: 38.42% AVG YTD Loss: 42.77% 13 Mth Loss Rpt Bville WTP	C: Total Gallons Acctd For:	0.4169 MG	0.514	MG
% Loss Unacctd for (B-C)/A 34.79% 35.45% Gallons / Day (+/-) 371,567 412,667 Gallons / Minute (+/-) 258 287 YTD Budget: 28.75 % Used Past YTD: 38.42% AVG YTD Loss: 42.77% 13 Mth Loss Rpt Bville WTP	Loss Unacctd for Water (B-C)	11.147 MG	12.380	MG
YTD Budget: 28.75 % Used Past YTD: 38.42% VG YTD Loss: 42.77% 13 Mth Loss Rpt Bville WTP	-			-
YTD Budget: 28.75 % Used Past YTD: 38.42% VG YTD Loss: 42.77% 13 Mth Loss Rpt Bville WTP	Gallons / Day (+/-)	371 567	412 667	
13 Mth Loss Rpt Bville WTP				
13 Mth Loss Rpt Bville WTP				
13 Mth Loss Rpt Bville WTP	YTD Budget:		ed Past YTD:	38.42%
	VG YTD Loss; 42.77%	_		
		13 Mth Loss Rot Bville	e WTP	
				\
		13 ****		
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Prod Prod Prod Sold ———UnAcctd Loss

aug 21 sept 21

oct 21 nov 21

dec 21

jan 22

feb 22

mar 22

apr 22

apr 21 may 21 jun 21

jul 21

MONTHLY INSPECTION & REPORT FORM BROWNSVILLE TREATMENT PLANT

Gallons Pumped Gallons Sold	32.036 20.472		Maximum Minimum F			1.317 0.858	_
Gallons Lost	11.147		Average P	umped		1.068	•
Percentage Loss	34.79%		O.H A.		_		
GPM Loss	258	<u>-</u>	Gallons Acc Tank Over		:	0.0000	
			Plant Use	HOW		0.4169	
			Computer	Δdi		0.0000	
			Other	Auj.		0.0000	
			Total			0.4169	
D. A. GASTA G. Mal		_			01		·
Booster Station Conditions Building & Grounds		_Poor 	_Fair Fair		_Good Good		Excellent Excellent
Electrical & Telemetry			_ Fa⊪ Fair		Good		Excellent
Piping and valves		_Poor	_ ra:: Fair		Good		Excellent
		Poor	_		-		Excellent
Pumps .			_ Fair		Good		Excellent
Tanks Conditions		Poor	_Fair		_Good		Excellent
Site Condition		Poor	Fair		Good		Excellent
Evidence of overflow		Yes	_No		_	 _	
Treatment Plant Appearance							
Buildings		Poor	Fair	x	Good		Excellent
Grounds		Poor	Fair	×	Good		Excellent
Intake	·	Poor	– Fair	x	Good		- Excellent
Road & entrance		Poor	_ _Fair	х	Good		Excellent
Testing Done as required	x	Everyday	Almost ever	ry day		Some	Never
Housekeeping as required	×	Yes	No	•		_	
Mowing as required	×	Yes	No				
Proper reports filled out	х	Yes	_No		Sometime	∍s	
Equipment, pumps and etc. prop	perly ma	intained <u>x</u>	_Accord. to r	naintenand	ce man.		Sometimes
			Never				
Operator overseeing treatment	X	Was available while	on duty	x	_Was aw	ay from pl	ant occasionally
		_Was away from pla	nt more thai	n needed			
Comments:			<u></u>				**************************************
							~_,,,,,
							
							"
						\$1 30/Th	ou Produced
			· · · · · · · · · · · · · · · · · · ·			\$2.03/Th	
With this report I certify that I ha	ve perso	onally inspected the o	peration an	d mainter	ance for t		
April 2022	•	•	•				- -
•	and ma	t it is accurate to the i	oest of my a	ibility.			
		t it is accurate to the l Prewster	oest of my a	bility.			

Date

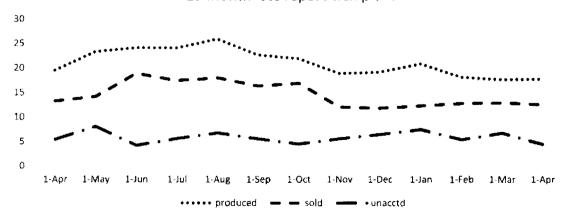
Operator

Edmonson Co Water District Monthly Water Loss Report

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

AVG YTD Loss:

13 month loss report wax plant



MONTHLY INSPECTION & REPORT FORM

wax treatment plant

Apr-22

Date

O N Domesta	47.70	•					700.000		
Gallons Pumped	17.76	_	Maximum Pumped		799,900				
Gallons Sold	12.53				n Pumped		490,400		
Gallons Lost	4.42	_		Average	Pumped		592,073	<u> </u>	
Percentage Loss	24.899								
GPM Loss	10	<u>2</u>			Accounted for				
				Tank Ov			(-	
				Plant Us	-		0.806	<u>3</u>	
				Comput	er Adj.		C	<u>)</u>	
				Other			()	
				Total			0.806	<u> </u>	
Booster Station Conditions		Poor		Fair	v	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	
		—·· -							
Tanks Conditions		_Poor		_Fair	у	Good		Excellent	
Site Condition		Poor		Fair	v	Good		Excellent	
Evidence of overflow		— Yes		- No		•		_	
		_ ` ` ` `							
Treatment Plant Appearance									
Buildings		Poor		_ Fair	у	Good		Excellent	
Grounds		Poor		_ Fair	у	Good		Excellent	
Intake		Poor		Fair	у	Good		Excellent	
Road & entrance	· · · · · ·	Poor		_Fair	у	Good		Excellent	
Testing Done as required		Evendov		Almosto	upri dou		Como		Never
Housekeeping as required	<u>y</u>	Everyday Yes		_Almost e No	very day		_Some		- Mevel
Mowing as required		– res Yes		- No					
Proper reports filled out	у у	- Yes		_No		Sometimes			
Proper reports filled out	у	res .		_ NO	•	_ Someumes	•		
Equipment, pumps and etc. proper	rly mainta	ined .	у	Accord. t	to maintenance i	man.		_Sometime	es
Operator overseeing treatment		Was availal	hle while o		٧	Was away	from plant	occasional	W
Operator overseeing treatment		Was away i		•		. ***************************	mon pian	OGC43IOHAI	y
Comments		_ was away	TOSTI PIAST	more tha	ii ileeded				
Comments			•					<u></u>	
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With this report I certify that I have	porconal	ly incocotod th	an anarati	30 and m	aintonanaa far	the meeth	of		
•	•	•	•			ale month	O1		
Apr-22	and that I	it is accurate t	o ine best	or my abi	iiity.				
chris graha	m 5_6_20°	22							
	ひ‐ひ‐をひょ								

Operator

BID TAB SHEET

Health Insurance

VENDOR #1	VENDOR#2	VENDOR#3	VENDOR #4	VENDOR #5
VENDON#1	VENDONITZ	VENDONIIS	VENDONWY	VENDON #3
health-520;	10			
Visign - 5.87	edental			
BID COST	BID COST	BID COST	BID COST	BID COST

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

BID TAB SHEET



XX	SU/KLC allexapt Fidelty vendor#1 Bond	Houchens ins Group	Em Ford	WENDOD #4	WENDOD HE
	VENDOR #1	VENDOR#2	VENDOR#3	VENDOR #4	VENDOR #5
	30,938 24	Fucity Bond	everything except bond		
	BID COST	¥ 2.442.73 BID COST	BID COST	BID COST	BID COST

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

ECWD

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

Minutes:

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

Insurance Bids:

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

Health Insurance Bids:

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

Monthly Reports:

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

Meter Change Out:

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

Check Approval:

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

Park Mammoth:

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

Josh Roney/New Grove Rd:

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

Grayson Co Bill of Sale:

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

Wax:

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

Unaccounted for Water Loss Plan:

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

Caveland/Vac Truck:

Caveland used their vac truck to assist us in cleaning out our clarifiers. The first invoice is for \$13,200 and the second is for \$5,775. The board is approving these invoices as an emergency, if the clarifiers were not cleaned out, we would be unable to treat water effectively and efficiently at the rate that is needed.

Paint Inside of Brownsville Water Treatment Plant:

Billy Vincent is the only person who sent in a bid. His bid was \$58,713 and \$28,600 for the pipe gallery for a total bid cost of \$87,313 for all interior painting. Three companies were contacted to bid and it was advertised in the paper. The board requested that Tony review the budget and for Tim Brewster to find out if there was any interest in a rebid. Tim or Tony will also review references and report back at the next board meeting.

Farm Diesel:

Dylan looked into farm diesel and it would only be a 14-cent savings per gallon and per the county and the state the EPA would come and check monthly if we went this route.

Fire Hydrants:

Mike McKinley completed two fill hydrant applications at Ponderosa. Paperwork signed by Jimmy Mills.

Attendance Policy:

Tony reviewed the attendance policy and after four unexcused absences you are automatically dismissed. The first step would be to call in the office for a verbal warning, the next step would be a written warning, the third step suspension and the fourth step dismissal. The manager may approve up to 10 days.

Darrell Oliver/Middlebrook Subdivision:

Darrell has not yet accepted Michael McGuire's bid. He was the lowest bidder at \$160,000. The board discussed not reimbursing more than \$160,000 for construction costs (for 50ft per meter set).

Reimbursement:

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

Adjourn:

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

Barry Rich

NE Pood

ECWD

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

Minutes:

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

Insurance Recommendations:

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

Rock Lane Leak/Cave Hollow Bay:

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

Brownsville Water Treatment Plant Painting:

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

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

Cub Run Tank/Verizon Lease:

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

Wax:

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

New Line Extensions:

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

Middlebrook Subdivision:

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

Davis Estate Subdivision:

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

New Grove Subdivision/Josh Roney

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

Financial Report:

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

Hwy 259 Relocation:

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

Check Approval:

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

Cleaner Water Money:

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

Attendance:

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

Lead & Copper Survey:

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

Park Mammoth:

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

Adjourn:

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

Barry Rich

N.E. Reed

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

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

Jimmy Mills Barry Rich

Barry Rich

N.E. Reed

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:		Edmonson County Water District				
For the Month of:	, N	MAY	Year:	2022		
			GAL	LONS (Omit 000's)		
	UCED AND PURCHASE	D				
2 Water Produce				63,007,000		
3 Water Purchas						
4	TOTAL PRO	DUCED AND PURC	CHASED	63,007,000		
5						
6 WATER SALE	<u> </u>					
7 Residential				30,782,100		
8 Commercial						
9 Industrial						
10 Bulk Loading S	tations					
11 Wholesale				2,969,000		
12 Public Authoriti						
13 Other Sales (e)	plain)					
14		TOTAL WATER	RSALES	33,751,100		
15						
16 OTHER WATE						
	ater Treatment Plant			1,422,400		
18 Wastewater Pla						
19 System Flushin				2,270,000		
20 Fire Departmer				24,400		
21 Other Usage (e				480000		
22	TO	TAL OTHER WATE	RUSED	4,196,800		
23						
24 WATER LOSS						
25 Tank Overflows	· ·					
26 Line Breaks				1,769,920		
27 Line Leaks				23,289,180		
28 Excavation Date	nages					
29 Theft						
30 Other Loss						
31	·	TOTAL WATE	R LOSS	25,059,100		
32						
33 Note: Line 14	Line 22 + Line 31 MUS	Γ Equal Line 4				
34						
35 WATER LOSS	PERCENTAGE	<u> </u>		· 		
36 (Line 31 divide	d by Line 4)			39.77%		

MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS: TOTAL GALLONS PUMPED TOTAL GALLONS SOLD TOTAL GALLON LOSS PERCENTAGE LOSS	63,007,000 33,751,100 29,255,900 4690	GALLONS FLUSHED NUMBER OF LEAKS ESTIMATED GALLONS RIVER HILL PUMPS	2,270,000 16 1,769,920 480,000
GALLONS ACCOUNTED FOR GALLONS UNACCOUNTED FOR	4,544,320 24,711,580 39	TANK OVERFLOW OTHER Fire Dep.	24,4∞
VEHICLE MAINTAINANCE:	ACCORDING SOMETIMES NEVER	TO MAINTAINANCE MAN	NUAL
EQUIPMENT MAINTAINANCE:		TO MAINTAINANCE MAN	NUAL
MOWING DONE AS REQUIRED:		NO	_PARTLY
SYSTEM APPEARANCE: LINES PRESSURE STATION TANK SITE BOOSTER STATION STORAGE YARD & LOT MAINTAINANCE OFFICE GROUNDS VALVES METERS TESTING DONE AS REQUIRED: PROPER REPORTS FILLED OUT: TOOL INVENTORY:	POOR POOR POOR POOR POOR POOR POOR POOR	NEVER NO BALANCED	GOOD EXCELLENT TEVERY DAY CHECKED & SOME GONE
MATERIAL INVENTORY:	CHECKED & I	BALANCED	_CHECKED & SOME GONE
with this report I certify the	thing else co	nd fix as go	INANCE FOR THE MONTH OF
Dyly Hazelrost		6-2°	7- <u>2</u> 2

Edmonson Co Water District Monthly Water Loss Report

	May 2022		Brownsville	WTP
		Į.	May-21	Tota
A: Produced		40.5560 MG	40.469	MG
Purchased		MG		MG
Total		40.5560 MG	40.469	
Sold	Residential	16.7761 MG	17.6660	MG
	Wholesale	2.9690 MG	3.885	_
	Wax WTP	MG	3.003	MG
Total Sold		19.7451 MG	21.551	
B: Difference		20.811 MG	18.918	MG
% Difference		51.31%	46.75%	
Gallons Acctd	For			
Canona Acctu	Breaks	MG		MG
	Hyd. Flushing	MG		MG
	Tank Overflow	MG		MG
	Plant Use	0.6854 MG	0.582	MG
	Fire Dept Use	MG		MG
	Adjustments +/-	MG		MG
	(Wax) Other	MG		MG
C: Total Gallons	Acctd For:	0.6854 MG	0.582	MG
Loss Unacctd	for Water (B-C)	20.1255 MG	18.337	MG
% Loss Unacc		49.62%	45.31%	
Gallons / Day	(+1-)	649,210	425,245	
Gallons / Minu		451	295	
YTD Budget:	1.9% under	40.5 % Used	Past YTD: 38.80)%
VG YTD Loss:	44.14%			
VG TID LOSS:				
	13 Mth I	Loss Rpt Bville WTP		
				•
and the second second second				
may 21 jun 21	jul 21 aug 21 sept 21 oc	t 21 nov 21 dec 21 jan 22	feb 22 mar 22 apr 22 may	· · · · · · · · · · · · · · · · · · ·

MONTHLY INSPECTION & REPORT FORM BROWNSVILLE TREATMENT PLANT

Gallons Pumped	10.550	Mandanian Book 1		_
Gallons Sold	40.556	Maximum Pumped	2.670	
Gailons Lost	19.745 20.126	Minimum Pumped	0.611	
Percentage Loss	49.62%	Average Pumped	1.308	<u>u</u>
GPM Loss	451	Gallons Accounted fo		
	101	Tank Overflow	0.00	in
		Plant Use	0.68	
		Computer Adj.	0.00	_
		Other (WAX)	0.00	_
		Total	0.68	
Pagetas Otation On differen	_			_
Booster Station Conditions	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
Tanks Conditions	Poor	Fair	Good	_Excellent
Site Condition	Daar	er.		
Evidence of overflow	Poor	Fair	_Good	Excellent
ENGERICE OF OVERHOW	Yes	No		
Treatment Plant Appearance				
Buildings	Poor	Fair x	Good	Excellent
Grounds	Poor	Fair x	Good	Excellent
Intake .	Poor	Fair x	Good	— Excellent
Road & entrance	Poor	Fair x	Good	Excellent
Testing Done as required	x Everyday	Almost every day	Some	Never
Housekeeping as required	x Yes	No No		14040
Mowing as required	x Yes	No		
Proper reports filled out	x Yes	No	Sometimes	
Equipment, pumps and etc. prop	erly maintained	x Accord. to maintenance	ce man.	Sometimes
		Never		_
Operator overseeing treatment	x Was available	while on duty x	_Was away from p	lant occasionally
	Was away fron	n plant more than needed	_	
Comments:				
	<u> </u>			
			04.00 B	
		···		roduced
			\$2.59 sc	
With this report I certify that I have				ΣT
<u> </u>		the best of my knowledge.		
Tim	Brewster	2	6-14-2022	

Operator

Date

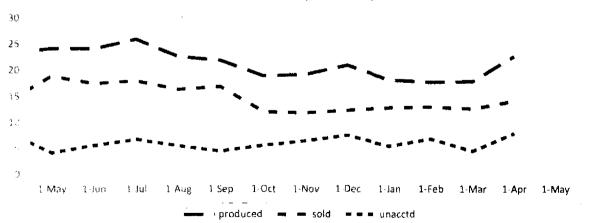
Edmonson Co Water District Monthly Water Loss Report

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

YTD Budget:	% Used	Past YTD:

AVG YTD Loss:

13 month loss report wax plant



MONTHLY INSPECTION & REPORT FORM

wax treatment plant

		ax treat	ment bi	ant			May-22
70 AE	1		h.d		- 	004.00	^
	_			•			_
	_			•			
	_		Average	Pumped		724,21	<u>9</u>
			0 0				
17.	<u> </u>				•		_
							<u>0</u>
							
				er Adj.			<u>0</u>
							<u>0</u>
			I otal			0.95	<u>8</u>
	Poor		Fair	у	Good		Excellent
	Poor		Fair	У	Good		Excellent
	Poor		Fair	у	Good		Excellent
	Роог		Fair	у	Good		Excellent
	Poor		Fair	у	Good		Excellent
	_Poor _		Fair	у	Good		_Excellent
	Daar		F-:-		04		F It
			i	<u> </u>	G000		_ Excellent
-	_ Yes _		No				
	Poor		Fair	у	Good		Excellent
	Poor		Fair	У	Good		Excellent
	Poor		Fair	У	Good		Excellent
	Poor		Fair	у	Good		Excellent
y	Everyday		Almost ev	ery day		Some	Neve
у	Yes		No			-	
у у	Yes		No				
у	Yes		No	· · · · · · · · · · · · · · · · · · ·	Sometimes		
rly maintai	ned _	у	·	maintenance r	man.		_Sometimes
	Was availab	le while or	1	у	Was away	from plant	occasionally
	_		nore than	needed			•
	YYAS AYYAY II	OIII PIGIILI					
	14.000 7.708 34.339 173	Poor Poor Poor Poor Poor Poor Poor Yes Poor Poor Poor Poor Poor Poor Poor Po	14,006 7,708 34,33% 173 Poor Poor Poor Poor Poor Poor Poor Yes Poor Poor Poor Yes Yes Y Yes	14.006 Minimum 7.708 Average 34.33% Gallons and Tank Overage 173 Gallons and Tank Overage Plant Use Compute Other Total Poor Fair Poor Pair Poor	14.006 7.708 34.33% 173 Gallons Accounted for Tank Overflow Plant Use Computer Adj. Other Total Poor Fair Y Poor	14,006 7,708 34,33% 173 Gallons Accounted for Tank Overflow Plant Use Computer Adj. Other Total Poor Fair Y Good Poor Fair Y	14.006 Minimum Pumped 521,00 7.708 Average Pumped 724,21 34.33% Gallons Accounted for Tank Overflow Plant Use 0.95 Computer Adj. Other Total 0.95 Poor Fair y Good Poor Fair y Good </td

chris graham 6-7-2022;— -

Operator

Date

MONTHLY WATER REPORT FOR THE OFFICE FOR THE	HE MONTH OF	May-22
10025 payments receieved in office for the th	a manth	
2053 received from by mail		naid by mail
221 received by walk in	*	paid by mail
59 received by credit card		paid by walk in
2519 received from bankdraft		paid by credit card
997 received from drive thru		paid by bankdraft
3893 received from online		paid by drive thru
283 received from n.d		paid online
35 was the most customers walk in payme		paid by n.d.
105.00 Membership Fees Collected	65.00 Reconnect Fees	5/13/2022
16.30435 Tap Fees Collected	5.2088 Return Check Fo	
Tap rees conected	3.2000 RELUITI CHECK FO	ees Conected
11,134 Customer 30,771,300 Total Gallons	Sold \$ 301,580.23	\$ Amount
2,969,000 Gals-City \$ 9,203.90 \$ Amount		Online Amount
2,303,000 dais-city <u>3</u> 3,203.30 3 Amount	3 127,032.00	Offine Amount
1491 Phone Calls Logged	388 Work Orders Pr	epared
Routes 1-10 Delinques ent Notices mailed	359	
29 Customers Disconnected		\$ 0.98
8 Rehung same day		Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed 16 Customers Disconnected Rehung same day	314	
MONTHLY SEWER REPORT FOR THE OFFICE FOR TH	E MONTH OF	May-22
56 Customers \$ 4,288.23	Revenue Received	
206,000 Gallons Treated \$ 946.04		
4100 Gallons Treated 77.38		
0 Customers Disconnected	φ 50011 m	
Comments:		
		 :
		_
\bigcirc		
7	, 10	100
U (a UXVIO	(LII)	102
SIGNATURE	DATE	
\ \		

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water U	tility.	Edmor	nson County Water Distri	ct
For the I	Month of:	MAY	Year:	2022
			GA	LLONS (Omit 000's)
1	WATER PRODUCED AN	ND PURCHASED	***************************************	
. 2	Water Produced	· · · · · · · · · · · · · · · · · · ·	······································	63,007,000
3	Water Purchased			
4		TOTAL PRODUCED	AND PURCHASED	63,007,000
5				
6	WATER SALES			
7	Residential			30,782,100
8	Commercial			Ì
9	Industrial			į
10	Bulk Loading Stations			
11	Wholesale			2,969,000
12	Public Authorities			Ì
13	Other Sales (explain)	······································	· _ · · · · · · · · · · · · · · · · · ·	- I I I I I I I I I I I I I I I I I I I
14		тот	AL WATER SALES	33,751,100
15				
16	OTHER WATER USED	· · · · · · · · · · · · · · · · · · ·	,	
17	Utility and/or Water Treat	tment Plant		1,422,400
18	Wastewater Plant			
19	System Flushing			2,270,000
20	Fire Department			24,400
21	Other Usage (explain)	PUMPS		480000
22		TOTAL OT	HER WATER USED	4,195,800
23	W/47ED / 000			
24	WATER LOSS			
25	Tank Overflows			4 700 000
26	Line Breaks			1,769,920
27	Line Leaks			23,289,180
28	Excavation Damages			l
29 30	Theft			
30 31	Other Loss	TO	TAL WATER LOSS	25,059,100
31			TAL WAILK LUSS	EU, GOD TOG
33 34	Note: Line 14 + Line 22	·	ine 4	
35	WATER LOSS PERCEN			
36	(Line 31 divided by Line	4)		39.77%

MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS: TOTAL GALLONS PUMPED TOTAL GALLONS SOLD TOTAL GALLON LOSS PERCENTAGE LOSS	63,007,000 33,751,100 29,255,900 4690	GALLONS FLUS NUMBER OF LE ESTIMATED GA RIVER HILL PUI TANK OVERFLO	ALLONS 1,769,92 MPS 480,000	20
GALLONS ACCOUNTED FOR GALLONS UNACCOUNTED FOR	4,544,320 24,711,580 39	OTHER Fine		
VEHICLE MAINTAINANCE:	ACCORDING SOMETIMES NEVER	TO MAINTAINAN	ICE MANUAL	
EQUIPMENT MAINTAINANCE:	ACCORDING SOMETIMES NEVER	TO MAINTAINAN	ICE MANUAL	· ·
MOWING DONE AS REQUIRED:		NO	PARTLY	
SYSTEM APPEARANCE: LINES PRESSURE STATION TANK SITE BOOSTER STATION STORAGE YARD & LOT MAINTAINANCE OFFICE GROUNDS VALVES METERS TESTING DONE AS REQUIRED: PROPER REPORTS FILLED OUT: TOOL INVENTORY:	POOR POOR POOR POOR POOR POOR POOR POOR	BALANCED ED	GOOD GOOD GOOD GOOD GOOD GOOD GOOD GOOD	
MATERIAL INVENTORY:	CHECKED &		CHECKED & S	SOME GONE
comments: Irving to	thing else co		grick as w	e can. Wile
WITH THIS REPORT I CERTIFY THE	IAT I HAVE INSPECTED TH	E OPERATION AN	D MAINTINANCE FOR THE	E MONTH OF
OPERATOR OPERATOR		•	DATE	

Edmonson Co Water District Monthly Water Loss Report

Brownsville WTP

	May 2022			_
			May-21	Tot
: Produced		40.5560 MG	40.460	MG
Purchased	,	MG MG	40.469	MG
Total	e de la companya del companya de la companya del companya de la co	40.5560 MG	40.469	_
Cald				•
Sold	Residential	16.7761 MG	17.6660	
	Wholesale	2.9690 MG	3.885	
- / 1 - 1 · 1	Wax WTP	MG		MG
Total Sold		19.7451 MG	21.551	MG
Difference		20.811 MG	18.918	MG
% Difference		51.31%	46.75%	IVIG
70 Z.III 01 01 00		<u> </u>	40.73%	
Gallons Acctd Fo	or:			
	Breaks	MG		MG
	Hyd. Flushing	MG		MG
	Tank Overflow	MG		MG
	Plant Use	0.6854 MG	0.582	MG
	Fire Dept Use	MG		MG
	Adjustments +/-	MG		MĢ
	(Wax) Other	MG		MG
Total Gallons Ac	etd For:	0.6854 MG	0.582	MG
Loss Unacctd fo		20.1255 MG	18.337	
	• •	49.62%		IVIG
% Loss Unacctd	TOF (B-C)/A	49.02%	45.31%	
Gallons / Day (+/-1	649,210	425,245	
	(+1.)		295	
				···
TD Budget:	1.9% under	40.5 % Used	Past YTD: 38.80	%
	44.14%			
	12 144 1	nes Put Puille W/TD		
	nikaranni ininistra kanana kanana	Loss Rpt Bville WTP		,
	nikaranni ininistra kanana kanana	oss Rpt Bville WTP		
	nikaranni ininistra kanana kanana	oss Rpt Bville WTP		
	nikaranni ininistra kanana kanana	oss Rpt Bville WTP		Para American
	nikaranni ininistra kanana kanana	oss Rpt Bville WTP		
	nikaranni ininistra kanana kanana	Loss Rpt Bville WTP		
	nikaranni ininistra kanana kanana	oss Rpt Bville WTP		
	nikaranni ininistra kanana kanana	oss Rpt Bville WTP		
	nikaranni ininistra kanana kanana	Loss Rpt Bville WTP		
	nikaranni ininistra kanana kanana	Loss Rpt Bville WTP		
	nikaranni ininistra kanana kanana	Loss Rpt Bville WTP		
YTD Loss:	nikaranni ininistra kanana kanana	Loss Rpt Bville WTP		

MONTHLY INSPECTION & REPORT FORM BROWNSVILLE TREATMENT PLANT

40.55	6	Maximu	m Pumped		2.6700	1	
19.74			n Pumped		0.6110		
20.12	<u>6</u>	Average	Pumped			•	
49.629	<u>/6</u>	3	 				
45	7	Gallons A	counted for	•		-	
		Tank Ov	erflow		0.000)	
		Plant Us	e .			•	
		Compute	er Adj.			_	
		Other	(WAX)	\		_	
		Total	, ,			-	
						•	
	Poor	Fair		Good	-	Excellent	
	Poor	Fair		Good		Excellent	
	Poor	Fair		Good		Excellent	
	Poor	Fair		Good		Excellent	
	_Poor	Fair		Good		Excellent	
	_					N. F. Communication of the Com	
	_Poor	Fair	=	Good		Excellent	
						1	
	-		 	Good		Excellent	
	_ ^{Yes}	No					
	Poor	Fair	x	Good		Excellent	
	Poor	Fair	×	Good		•	
	Poor	Fair	x	Good		Excellent	
	 Poor	 Faiг	×	Good		-	
	- . —			•	 	,	
, x	Everyday	Almost ev	ery day		Some	Ne	ver
x	Yes	No			_	 :: T	
x	Yes	No No				in the second second	
	- 						
X	Yes	No		Sometim	es		
	_·				ies		
x erly mai	_·	x Accord. to	maintenance		es	Sometimes	
	ntained	x Accord. to		e man.		•	
	_·	x Accord. to		e man.		Sometimes	,
erly mai	ntained Was available v	x Accord. to	x	e man.		•	1
	49.62% 45	Poor Poor Poor Poor Poor Poor Poor Yes Poor Poor Poor Poor Poor Poor Poor Po	49.62% 451 Gallons A Tank Ov Plant Us Compute Other Total Poor Fair Poor Fair A See No Everyday Almost ev X Yes No	49.62% 451 Gallons Accounted for Tank Overflow Plant Use Computer Adj. Other (WAX) Total Poor Fair X Poor F	49.62% 451 Gallons Accounted for: Tank Overflow Plant Use Computer Adj. Other (WAX) Total Poor Fair Good Poor Fair Good Poor Fair Good Poor Fair Good Poor Fair Good Poor Fair Good Poor Fair Good Poor Fair Good A Good Poor Fair X Good	Average Pumped 1.3080	20.126

Tim Brewster	6-14-2022	
Operator	Date	

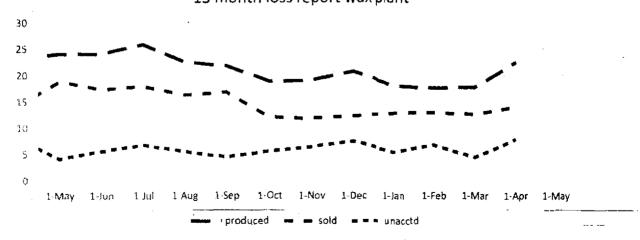
Edmonson Co Water District Monthly Water Loss Report

		Wax	WTP
May-22			
		May-21	Totals
Produced	22.451 MG	23,289	MĢ
	0,000 MG	0	MĢ
Total	22.451 MG	23.289	MG.
Sold Residential	14.006 MG	14.2140	MĢ
Wholesale	MG		MĢ
	MG		MG
Total Sold	14.006 MG	14.214	MG
Difference	8.445 MG	9.075	MĢ
% Difference	37.61%	38.97%	
Gallons Acctd For:			
Breaks	MG 📗		MG
Hyd. Flushing	MG		MG
Tank Overflow	MG		MG
Plant Use	0,737 MG	0,996	MG
Fire Dept Use	MG		MG
Adjustments +/-	MG		MG
Other	MG		MG
Total Gallons Acetd For:	0.7 <u>37</u> MG	0.996	
Loss Unacctd for Water (B-C)	7,708 MG	8.079	MG
% Loss Unacctd for (B-C)/A	34.33%	34.69%	
Gallons / Day (+/-)	248,639_		
Gallons / Minute (+/-)	173	181	
	Produced Purchased Total Sold Residential Wholesale Total Sold Difference % Difference Gallons Acctd For: Breaks Hyd. Flushing Tank Overflow Plant Use Fire Dept Use Adjustments +/- Other Total Gallons Acctd For: Loss Unacctd for Water (B-C) % Loss Unacctd for (B-C)/A Gallons / Day (+/-)	Produced 22.451 MG Purchased 0.000 MG Total 22.451 MG	May-21 May-21

•	-	-	•	~	 	

AVG YTD Loss:

13 month loss report wax plant



MONTHLY INSPECTION & REPORT FORM wax treatment plant

May-22

			.,						
Gallons Pumped	22.45	<u> 1</u>		Maximur	n Pumped		921,900)	
Gallons Sold	14.00	6		Minimum	Pumped		521,000	5	
Gallons Lost	7.70	8		Average	Pumped		724,219		
Percentage Loss	34.339	<u>%</u>						_	
GPM Loss	17	3		Gallons /	Accounted for				
· · · · · · · · · · · · · · · · · · ·				Tank Ov	erflow		(· ·	
				Plant Use	e		0.958	3	
				Compute	er Adj.		()	
				Other			. (7	
				Total			0.958	<u> </u>	
Panetar Station Conditions		Dana				04		F4	
Booster Station Conditions Building & Grounds		_Poor	···········	Fair	<u>y</u>	Good		Excellent	
-		_Poor -		- Fair	у	Good		Excellent	
Electrical & Telemetry		_Poor -		_Fair	у	Good		Excellent	
Piping and valves		Poor -		_Fair :	у	Good		Excellent	
Pumps		Poor		- Fair	у	Good		_Excellent	
Tonka O disi		_							
Tanks Conditions		Poor		_Fair	<u> </u>	Good		_Excellent	
Site Condition		Poor		Fair	у	Good		Excellent	
Evidence of overflow		Yes -		- No		•		_	
				_'''					
Treatment Plant Appearance									
Buildings		Poor		Fair	v	Good		Excellent	
Grounds	-	Poor		- Fair	У	Good		Excellent	
Intake		— Poor		– Fair		Good		Excellent	
Road & entrance		Poor		- Fair		Good		Excellent	
			·· · · ·			,		-	
Testing Done as required	у	Everyday		_Almost ev	ery day		Some		_Never
Housekeeping as required	у	Yes		No			_		 -
Mowing as required	у	Yes		No					
Proper reports filled out	У	Yes		Νο		Sometimes			
Equipment turns and at a pro-	-1	land		A			-	Comotine	_
Equipment, pumps and etc. prope	ny maintai	mea -	у	_Accord. to Never	maintenance r	nari.		Sometime	:5
Operator aversacing treatment		Was availat	lo while o			Mac away	, from mlant	ooooionall	
Operator overseeing treatment		_				. was away	from plant	occasional	У
Comments		_Was away f	rom plant	more man	Heeded				
Comments									
							· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • • •	
			·····						",
									·*· · · · · · · · · · · · · · · · ·
					· .			·	
								~~~~~~	
									
									
With this report I certify that I have	personal	ly inspected th	e operatio	n and mai	ntenance for t	he month	of	=	••.
May-22		t is accurate to				are monut	J.		
29 1 Vol. 3" - San En	wing under	, is accorded to		-i mi anin	Α,				
chris graha	ım 6-7-20;	22							
	سيبي بيونين					·			-

Operator Date

MONTHLY WATER REPORT FOR THE OFFICE FOR T	THE MONTH OF May-22
10025 payments receieved in office for the the	na manth
2053 received from by mail	20.48% paid by mail
221 received by walk in	2.20% paid by mail in
59 received by credit card	0.59% paid by walk iii
2519 received from bankdraft	25.13% paid by bankdraft
997 received from drive thru	9.95% paid by drive thru
3893 received from online	38.83% paid online
283 received from n.d	2.82% paid by n.d.
35 was the most customers walk in paym	
105.00 Membership Fees Collected	65.00 Reconnect Fees Collected
16.30435 Tap Fees Collected	5.2088 Return Check Fees Collected
10.30433 Tap rees collected	J.2008 Retarn Check Fees Concelled
11,134 Customer 30,771,300 Total Gallon	s Sold \$ 301,580.23 \$ Amount
2,969,000 Gals-City \$ 9,203.90 \$ Amount	\$ 127,892.86 Online Amount
<u> </u>	
1491 Phone Calls Logged	388 Work Orders Prepared
	
Routes 1-10 Delinques ent Notices mailed	359
29 Customers Disconnected	\$ 0.98
8 Rehung same day	Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mailed	314
16 Customers Disconnected	
2 Rehung same day	
MONTHLY SEWER REPORT FOR THE OFFICE FOR T	THE MONTH OF May-22
	Revenue Received
206,000 Gallons Treated \$ 946.04	-
	3 Cost \$ 963.42
0 Customers Disconnected	
Comment	
Comments:	
\bigcirc . \bigcirc	r - 1
(LICALIM)	1013/20
- Cumul	- upo
SIGNATURE \\	DATE

June 28th, 2022

ECWD

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

Minutes:

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

Wax- Hart Co:

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

Brownsville Plant:

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

Locke 5:

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

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

O&M Reports:

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

Check Approval:

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

Disconnect Error:

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

Contract for Water Line Extension:

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

New Subdivisions:

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

Cleaner Water:

We have the engineer ranking next week, 3-4 engineers have contacted and put in their qualifications. We will score engineers and pick a firm. We will need to amend the budget to receive \$446,221 from Edmonson, \$202,773 from Hart, \$166,112 from Grayson, and \$15,000 for the Grayson County Relocation Project. This amendment does not account for ARPA funds. Motion made to adopt all three resolutions, accept the grant funds, amend the budget, and appoint Jimmy Mills as the representative. Motion made by N.E. Reed, seconded by Barry Rich. Motion carried.

Distribution:

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

Middlebrook Subdivision:

It is almost completed, Darrell Oliver has requested it be extended 200 ft, we will have to evaluate if that is possible

Park Mammoth:

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

Adjourn:

adjourn

Motion made by Barry Rich to adjoin the meeting, seconded by N.E. Reed. Meeting adjourned.

Mall X Barry Rich
Barry Rich

X

N E Reed

ECWD

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

Financial Report:

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

Meter Change Outs:

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

Water Conservation Plan:

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

Wax_Plant:

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

Subdivisions:

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

Options for Wax Plant:

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

Tony spoke with Chad Harston via Phone:

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

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

Engineer Procurement:

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

Change of Reimbursement for Developers:

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

Federal Appraisal:

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

Priorities Moving Forward:

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

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

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

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

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

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

Motion to Proceed with Option to buy:

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

Contract for Reimbursing Developers:

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

Tap On Fee:

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

Meter Change Out:

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

Division of Water/Sanitary Survey:

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

Disconnect/Customer Complaint:

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

Ky Rural Water:

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

Costs Re-evaluated:

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

Customer whose meter got mistakenly pulled:

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

Check Approval:

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

Adjourn:

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

Barry Rich

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

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

Jimmy Mils X Barry Rich

Barry Rich

X	
N.E. Reed	

ECWD

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

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

Department Reports:

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

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

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

Problems with Filter at Wax:

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

Water Loss:

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

Locke 5/Brownsville Plant:

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

Chad Harston/Option to Buy

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

Louis Robbins on Options for Wax Plant:

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

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

Adjourn:

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

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Barry Rich

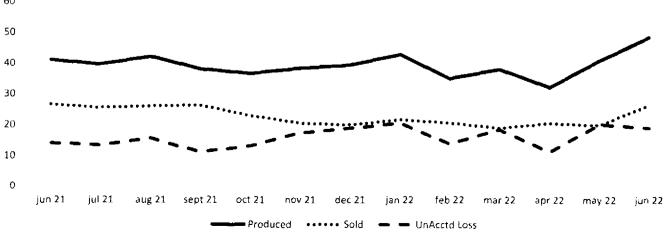
	PUBLIC	SERVICE COMMISSI	ON
	N	Ionthly Water Loss Report	
Water L	Jtility:	Edmonson County Water Dist	rict
	Namah as	Voor Voor	2022
rorme	Month of:	IUNE Year:	2022
LINE#			ALLONS (Omit 000's)
1	WATER PRODUCED	AND PURCHASED	
2	Water Produced		72,489,000
<u>3</u> 4	Water Purchased	TOTAL PRODUCED AND PURCHASED	72,489,000
5		10 IME PRODUCED MIND PORCHAGED	12,409,000
6	WATER SALES		
. 7	Residential		38,708,800
8	Commercial		7-111
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		2,839,600
12	Public Authorities	· · · · · · · · · · · · · · · · · · ·	
13	Other Sales (explain)		
14		TOTAL WATER SALES	41,548,400
15 16	OTHER WATER USE		
17	Utility and/or Water Tre		1,396,300
18	Wastewater Plant	saunient riant	1,390,300
19	System Flushing		1,000,800
20	Fire Department		1,000,000
21	Other Usage (explain)	* PUMPS *	50000
22		TOTAL OTHER WATER USED	2,897,100
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		1,305,000
27	Line Leaks	· · · · · · · · · · · · · · · · · · ·	26,738,500
28	Excavation Damages		
29 30	Theft Other Loss		
31	Oulei Foss	TOTAL WATER LOSS	28,043,500
32	-	TOTAL WATER LOOP	20,070,000
33	Note: Line 14 + Line 2	2 + Line 31 MUST Equal Line 4	
34			
35	WATER LOSS PERC	ENTAGE	
36	(Line 31 divided by Lin	e 4)	38.69%

MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS: TOTAL GALLONS PUMPED TOTAL GALLONS SOLD TOTAL GALLON LOSS PERCENTAGE LOSS GALLONS ACCOUNTED FOR GALLONS UNACCOUNTED FOR	72,489,000 41,548,400 30,940,600 4290 2,814,420 3,812,6180	GALLONS FLUS NUMBER OF LE ESTIMATED GA RIVER HILL PUI TANK OVERFLO OTHER	AKS LLONS MPS DW	1,000,800 30 1,304,670 500,000	
VEHICLE MAINTAINANCE:	7	TO MAINTAINAN	ICE MANU	AL	
EQUIPMENT MAINTAINANCE:	ACCORDING SOMETIMES NEVER	O TO MAINTAINAN	ICE MANU	AL	
MOWING DONE AS REQUIRED:	YES	NO ·		PARTLY	
SYSTEM APPEARANCE: LINES PRESSURE STATION TANK SITE BOOSTER STATION STORAGE YARD & LOT MAINTAINANCE OFFICE GROUNDS VALVES METERS TESTING DONE AS REQUIRED: PROPER REPORTS FILLED OUT: TOOL INVENTORY:	POOR POOR POOR POOR POOR POOR POOR POOR	BALANCED	ALMOST I NEVER	GOOD GOOD GOOD GOOD GOOD GOOD GOOD GOOD	EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT
MATERIAL INVENTORY:	CHECKED &	BALANCED		CHECKED & SOM	E GONE
COMMENTS: Irring to	and were ord	and fix the	in as	s fast as	possible.
Bylon Hazelson OPERATOR	JAT I HAVE INSPECTED T	HE OPERATION AN	7-21-		ONTH OF

Edmonson Co Water District Monthly Water Loss Report

	,	Brownsville	WTP
June 2022	1	June-21	Totals
A; Produced	48.1280 MG	41.029	
Purchased	MG	44 000	MG
Total	48.1280 MG	41.029	IVIG
Sold Residential	23.5278 MG	20.6017	MG
Wholesale to City	2.8396 MG	4.878	
Total Sold	26.3674 MG	26.4795	MG
	MG		MG
B: Difference	21.7606 MG	14.550	MG
% Difference	45.21%	35.46%	
78 Difference	70.2176	VV. TO 70	•
Gallons Acctd For:			
Breaks	MG		MG
Hyd. Flushing	MG		MG
Tank Overflow	MG		MG
Plant Use	0.6093 MG	0.5912	
Fire Dept Use	MG		MG
Adjustments +/-	MG		MG
Other (Wax)	2.2680 MG		MG
C: Total Gallons Acctd For:	2.8773 MG	Q.5912	MG
Loss Unacctd for Water (B-C)	18.8833 MG	13.9583	
% Loss Unacctd for (B-C)/A	39.24%	34.02%	•
/a Loss Griaceta for (B-C/IA	33.2478	<u> </u>	•
Gallons / Day (+/-)	629,443	465,277	
Gallons / Minute (+/-)	437	323	•
YTD Budget:	% Used	Past YTD: 38	3.84%
AVG YTD Loss: 43.32%			
	13 Mth Loss Rpt Bville WTP		
60	•		
50			
40		_ /	



MONTHLY INSPECTION & REPORT FORM BROWNSVILLE TREATMENT PLANT

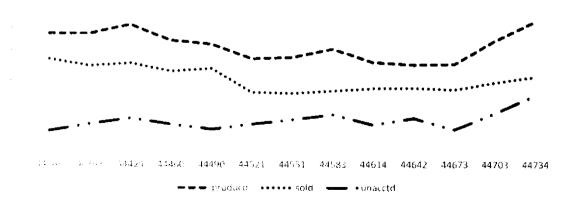
Gallons Pumped Gallons Sold Gallons Lost Percentage Loss	48.1280 26.3674 18.8833 39.24%		Maximum P Minimum Pi Average Pu	umped mped		2.002 1.025 1.4930	
GPM Loss	437	-	Gallons Acco Tank Overfl Plant Use Computer A Other Total	low		0.000 0.6093 0.000 2.268 2.8773	
Booster Station Condi	tions	Poor	Fair		Good	E	xcellent
Building & Grounds		Poor	Fair		Good	E	xcellent
Electrical & Telemetry		Poor	Fair		Good	Ε	xcellent
Piping and valves		Poor	Fair		Good	E	xcellent
Pumps		Poor	Fair		Good	E	xcellent
Tanks Conditions		Poor	Fair .		_Good _	E	xcellent
Site Condition		Poor	Fair		Good	E	xcellent
Evidence of overflow		Yes	No		_		
Treatment Plant Appea	rance						
Bulldings		Poor	Fair	×	Good	E	xcellent
Grounds		Poor	Fair	х	Good	E	xcellent
Intake		Poor	Fair	x	Good	E	xcellent
Road & entrance		Poor	Fair	х	Good	E	xcellent
Testing Done as require	d x	Everyday	Almost every	/ dav	;	Some	Never
Housekeeping as requir		Yes	No	,,			
Mowing as required	x	Yes	No No				
Proper reports filled out	X	Yes	No		Sometimes	;	
Equipment, pumps and	etc. properly mai	ntained	x Accord. to m	aintenand	e man.	s	ometimes
Operator overseeing treats	ment <u>x</u>	 _Was available	while on duty	x	_Was away	y from plan	t occasionally
0 (.		_Was away fro	m plant more than	needed			
Comments: Intake screens and intal	ro bida alcanod s	uit bu araan rive	or diving				
River elevation ogg of U			er diving.				
Jun 24 river guage back			screen visible		 -		
van z i nivor gaago vaor		or apportment	3 50. 5011 176.5.5.		 	 	
With this report I certify						month of	
June 2022			o the best of my kn	owledge.			
	Tim Breu	vster			.=		
-	v 47000		 	7/6/	2022		
C	perator					Date	

Edmonson Co Water District Monthly Water Loss Report

			waxwif
	Jun-22	I	Jun-21 Tota
A:	Produced	24.361 MG	24.145 MG
	Purchased	2.268 MG	0 MG
	Total	26.629 MG	24.145 MG
	Sold Residential	15.181 MG	18.8690 MG
	Wholesale	MG	MG
		MG	MG
	Total Sold	15.181 MG	18.869 MG
B:	Difference	11.448 MG	5.276 MG
	% Difference	42.99%	21.85%
	Gallons Acctd For:	140	МС
	Breaks	MG MG	MG MG
	Hyd. Flushing Tank Overflow	MG MG	MG
	Plant Use	0.787 MG	1.067 MG
	Fire Dept Use	MG	MG
	Adjustments +/-	MG	MG
	Other	MG	MG
C:	Total Gallons Acctd For:	0.787_MG	1.067 MG
	Loss Unacctd for Water (B-C)	10.661 MG	4.209 MG
	% Loss Unacctd for (B-C)/A	40.04%	17.43%
	Gallons / Day (+/-)	355,370	140,300
	Gallons / Minute (+/-)	247	97

AVG YTD Loss:

13 month loss report wax plant



MONTHLY INSPECTION & REPORT FORM wax treatment plant

Jun-22

Date

Gallons Pumped	26.629		Maximum	Pumped		934,500	ı	
Gallons Sold	15.181		Minimum	Pumped		614,300	1	
Gallons Lost	10.661		Average F	Pumped		812,037	•	
Percentage Loss	40.04%		_					
GPM Loss	247		Gallons A	ccounted for				
			Tank Ove	rflow		_0	<u> </u>	
			Plant Use			1.024	_	
			Computer	Adj.		0	<u> </u>	
			Other			Ç	<u> </u>	
			Total			1.024		
December 04-45-11 One-distance	D		5 -1-		Good		Excellent	
Booster Station Conditions	Poor Poor		Fair Fair	<u> </u>	Good		Excellent	
Building & Grounds	Poor		Fair	<u>y</u>	Good	-	Excellent	
Electrical & Telemetry				<u>y</u>	Good		Excellent	
Piping and valves	Poor		— Fair	<u>y</u>	Good		_Excellent	
Pumps	Poor		Fair	у	. G 000		_ Excellent	
Tanks Conditions	Paor		Fair	у	Good		Excellent	
				· ·				
Site Condition	Poor		— Fair	у	Good		Excellent	
Evidence of overflow	Yes		No					
Treatment Plant Appearance								
Buildings	Poor		Fair	у	Good		Excellent	
Grounds	Poor		Fair	У	Good		Excellent	
Intake	Poor		Fair	У	Good		Excellent	
Road & entrance	Poor		Fair	у	Good		Excellent	
Testing Done as required	y Everyo	lav	Almost eve	erv dav		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. prope	erly maintained	٧	Accord to	maintenance	man		Sometime	95
Equipment, pumpe and etc. prope	ony mantanoa		Never			•***	_	•
Operator overseeing treatment	Was	available while	on duty	У	Was away	from plant	occasionall	ly
	Was	away from plan	t more than	needed	•			
Comments								
	·							
						<u> </u>		
With this report I certify that I hav	e nersonally incon	ted the operat	ion and mai	ntenance for	the month	of.	· · · · · · · · · · · · · · · · · · ·	
Jun-22	and that it is accu	•			are month	OI .		
			,	•				
chris grah	am 7-6-2022							

Operator

MONTHLY WATER REPORT FOR THE C	OFFICE FOR TH	HE MONTH	OF	Jun-22
10075 payments receieved in off	ice for the the	e month		
2014 received from by mail	ide for the tin	z monti	19.99%	paid by mail
137 received by walk in		,		paid by walk in
45 received by credit card				paid by credit card
2535 received from bankdraft				paid by bankdraft
1010 received from drive thru		,		paid by drive thru
4101 received from online				paid online
233 received from n.d				
				paid by n.d.
30 was the most customers v				6/7/2022
90.00 Membership Fees Collecte	2 a	 -	Reconnect Fees	
14.34783 Tap Fees Collected		3.1324	Return Check F	ees Collected
11,189 Customer 44,798,000	Total Gallons	Sold	\$ 379,191.37	\$ Amount
2,839,600 Gals-City \$ 8,802.76	\$ Amount		\$ 141,568.83	Online Amount
· ————	,		·····	•
1597 Phone Calls Logged		327	Work Orders Pr	epared
D. A. A. D. W. C. C. L. M. W. C.	51 . f	250		
Routes 1-10 Delinques ent Notices ma	ailed .	359		4 005
14 Customers Disconnected				\$ 0.85
11 Rehung same day				Cost Per 1,000 Gallons
Routes 11-21 Delinquent Notices mai 6 Customers Disconnected Rehung same day	led	271		
MONTHLY SEWER REPORT FOR THE C	OFFICE FOR TH	IE MONTH (OF	Jun-22
56 Customers	\$ 3,915.90	Revenue Re	eceived	
206,000 Gallons Treated	\$ 946.04			
4100 Gallons Treated	17.38		\$ 963.42	
O Customers Disconnected			,	
- Customers Disconnected				
Comments:				
				
			 	
	000		7/0/	20
SIGNATURE	KKK-		1 8	82
SKSNA HIRE	1 1		17411	

Emergency Meeting

7/29/22

ECWD

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

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

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

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

Adjourn:

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

X Barry Rich

ECWD

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

Minutes:

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

Sewer Treatment/City of Brownsville:

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

Treatment Operator Classes:

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

Agreement with Josh Roney:

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

Josh Roney Property/Capital Hill:

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

Application/Form Changes:

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

Refigured Cost for Meter Installation:

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

Contract for Developers:

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

Meter Change Out:

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

Financial Report:

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

Check Approval:

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

Water Loss:

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

Expansion of the System:

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

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

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

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

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

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

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

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

Corps of Engineers/Locke 5:

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

Material Purchase for Distribution:

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

Adjourn:

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

Jimmy Mills Jack X Brung Fich
Barry Rich



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

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

III FUNDING

Total Project Funding Needed

\$43,800,000



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

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

III FUNDING

August 9, 2022

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

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

prox Mills

Barry Rich

AGREEMENT

This waterline extension AGREEMENT is made and entered into by and between the EDMONSON COUNTY WATER DISTRICT of Brownsville, Edmonson County, Kentucky, hereinafter called DISTRICT and JOSH RONEY of 17 5 Main 5t. Bowwille 149 41210 Edmonson County, Kentucky, hereinafter called DEVELOPER.

WITNESSETH

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

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

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

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

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

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

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

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

3.) Developer shall, at his expense, reimburse the District or pay for all costs of the

materials to install the 6 inch of water line from the District's line in the Richland Subdivision to

the property of the developer.

4.) District shall at its expense have plans prepared for submittal to the DOW for

approval, furnish all labor and equipment necessary to install the 6 inch water line from the

districts line in the Richland Subdivision to the property of developer using the materials

purchased by developer including but not limited to obtaining all necessary permits and boring

underneath New Grove Road.

IN TESTIMONY WHEREOF, This agreement has been executed by the parties here to

the day and year first above mentioned.

EDMONSON COUNTY WATER DISTRICT

ATTEST:

COMMONWEALTH OF KENTUCKY COUNTY OF EDMONSON

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

This the day of Aut, 2022

NOTARY PUBLIC

MY COMMISSION EXPIRES:

COMMONWEALTH OF KENTUCKY COUNTY OF EDMONSON

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

This the day of hugust, 2022.

This the day of hugust, 2022.

DEVELOPER

JOSH RONEY

MMONWEALTH OF KENTLICKY

COMMONWEALTH OF KENTUCKY COUNTY OF EDMONSON

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

Cuca Wolf Kynp31804

NOTARY PUBLIC

MY COMMISSION EXPIRES: UNE 25

INSTRUMENT PREPARED BY:

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

3y:		
-5.	THOMAS H. GOFF	

	PUBLIC	SERVICE COMMI	SSION
	Мо	nthly Water Loss Report	
Nater l	I Hility:	Edmonson County Wa	ater District
yate.	Juliay.		
For the	Month of:	JULY Y	ear: 2022
		1	GALLONS (Omit 000's)
LINE#	WATER PRODUCED AN	ITEM	GALLONS (OTHER COD'S)
2	Water Produced	ID FORCHAGED	68,968,000
3	Water Purchased		240,800
4	7 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TOTAL PRODUCED AND PURCHA	SED 69,208,800
5			
6	WATER SALES		
7	Residential		51,314,400
8	Commercial		
9	Industrial		
10	Bulk Loading Stations		. 700 000
11	Wholesale		2,739,900
12	Public Authorities		
13 14	Other Sales (explain)	TOTAL WATER SA	ALES 54,054,300
15		TOTAL WATER SA	<u></u>
16	OTHER WATER USED		
15-	Utility and/or Water Trea	tment Plant	1,475,000
18	Wastewater Plant		
19	System Flushing		1,082,500
20	Fire Department		
21	Other Usage (explain)	* PUMPS *	45000
22		TOTAL OTHER WATER U	JSED 3,007,500
23			
24	WATER LOSS		
25	Tank Overflows		A A 3 = 4
26	Line Breaks		3,277,440
27 28	Line Leaks		8,869,560
29	Excavation Damages Theft		
30	Other Loss		
31		TOTAL WATER L	.OSS 12,147,000
32			
33	Note: Line 14 + Line 22	+ Line 31 MUST Equal Line 4	
34			
35	WATER LOSS PERCEN		
36	(Line 31 divided by Line	4)	17.559

· ·

MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS: TOTAL GALLONS PUMPED TOTAL GALLONS SOLD TOTAL GALLON LOSS PERCENTAGE LOSS	69,208,800 54,054,300 15,154,500 2100	GALLONS FLUS NUMBER OF LE ESTIMATED GA RIVER HILL PUN TANK OVERFLO	AKS LLLONS MPS DW	1,082,500 3,272,440 4 6 0,000	<u></u>
GALLONS ACCOUNTED FOR GALLONS UNACCOUNTED FOR	4.813,440 10,341,060	OTHER F-DOP 1910	ተ .	3,500	_
VEHICLE MAINTAINANCE:	ACCORDING SOMETIMES NEVER	S TO MAINTAINAN S	NCE MANU	JAL	
EQUIPMENT MAINTAINANCE:	ACCORDING SOMETIMES NEVER	S TO MAINTAINAN S	NCE MANU	JAL	
MOWING DONE AS REQUIRED:	YE\$	NO		PARTLY	
SYSTEM APPEARANCE: LINES PRESSURE STATION TANK SITE BOOSTER STATION STORAGE YARD & LOT MAINTAINANCE OFFICE GROUNDS VALVES METERS TESTING DONE AS REQUIRED: PROPER REPORTS FILLED OUT: TOOL INVENTORY:	NOT CHECK	BALANCED KED BALANCED	<i>y y y y</i>	GOOD GOOD GOOD GOOD GOOD GOOD GOOD GOOD	
comments: Trying to leaks and fix them	get Carght as	possible.	rinsta	ells. Trying	to find
					
					·
WITH THIS REPORT I CERTIFY THE STATE OF THE SELECTIFY THE	HAT I HAVE INSPECTED T	HE OPERATION AN	ND MAINTIN	NANCE FOR THE MO	ONTH OF

Edmonson Co Water District Monthly Water Loss Report

Brownsville

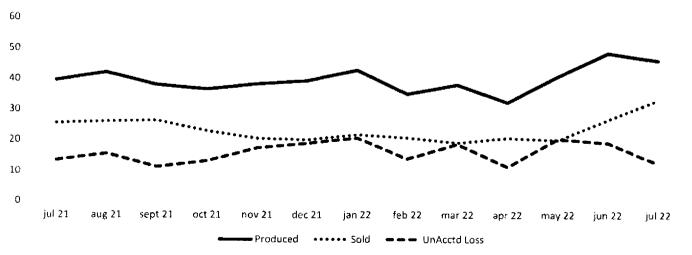
WTP

July 2022	1	July-21Totals
	45. <u>7270</u> MG	39.588 MG
<u></u> -	MG	MG
	45.7270 MG	39.588 MG
Residential	30.1004 MG	22.9242 MG
Wholesale to City	2.7399 MG	2.554 MG
	MG	MG
	32.8403 MG	25.4784 MG
	12.8867 MG	14.110 MG
	28.18%	35.64%
l For:		
Breaks	MG	MG
Hyd. Flushing	MG	мG
		мс
Plant Use	0.6570 MG	0.665 MG
Fire Dept Use	MG	. MG
		MG
Other (Wax)	3.1 <u>380</u> MG	MG
Acctd For:	3.7950 MG	0.665 MG
for Water (B-C)	9.0917 MG	13.445 MG
	19.88%	33.96%
(+/-)	293.281	433,703
ute (+/-)	204	233
	Residential Wholesale to City Breaks Hyd. Flushing Tank Overflow Plant Use Fire Dept Use Adjustments +/-	## ## ## ## ## ## ## ## ## ## ## ## ##

YTD Budget: 0.19 % under 58.14 % Used Past YTD AVG Loss : 38.14%

AVG YTD Loss: 40.95%

13 Mth Loss Rpt Bville WTP



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

Comments:	-	_ vvas away i	TOTTI PIZ	int more th	an needed			
Operator overseeing treatment		- Was away f				- vvas av	vay nom p	iant occasionally
Operator overseeing treatment		Was availab	ale while	_		Wasay	vay from n	lant occasionally
Equipment, pumps and etc. pro	perty mai	-		Never	o mannenant	o man.	-	Comcunies
Equipment, pumps and etc. pro	nerly mai	ntained	x	Accord to	o maintenano	e man		Sometimes
Proper reports filled out	x	Yes		_No	_	Sometin	nes	
Mowing as required	×	Yes		No				
Housekeeping as required	×	Yes		No				
Testing Done as required	×	Everyday		Almost ev	very day		Some	Never
Tour or other order						- 3737		
Road & entrance		Poor		Fair	×	Good		Excellent
Intake		Poor		Fair	x	Good		Excellent
Grounds		Poor		Fair	x	Good		Excellent
Treatment Plant Appearance Buildings		Poor		Fair	×	Good		Excellent
				772				
Evidence of overflow		Yes		No		- 07127		
Site Condition		Poor		Fair		Good		Excellent
Tanks Conditions		_Poor _		_Fair	_	Good		Excellent
Pumps		Poor		Fair		Good		Excellent
Piping and valves		Poor		Fair		Good		Excellent
Electrical & Telemetry		Poor		Fair		Good		Excellent
Building & Grounds		Poor _		_Fair Fair		Good		Excellent
and a second contact				F-1-		Cosd		Excellent
				Total			3.795	•
				Other			3.138	
				Compute	r Adj.		0.000	
				Plant Use	9		0.657	
	201	•		Tank Ove			0.000	
SPM Loss	204			Gallons Ad	ccounted for:			
ercentage Loss	19.88%	•						
allons Sold	0.0000 9.0917			Average I			1.475	
Sallons Pumped	45.7270			Minimum	Pumped '		2.061 1.083	

Tim Brewster
Operator 18-Aug-22

Date

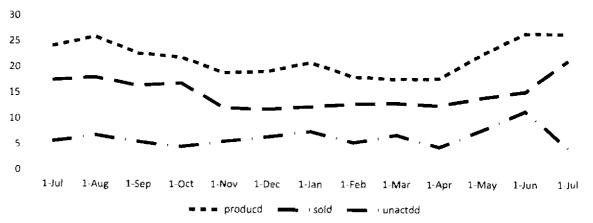
Edmonson Co Water District Monthly Water Loss Report

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

YTD Budget: ______ % Used | Past YTD: ______

AVG YTD Loss:

13 month loss report wax plant



MONTHLY INSPECTION & REPORT FORM

wax treatment plant Jul-22

Date

	26.379			Maximum	Pumped		935,800		
Gallons Pumped	21.214			Minimum			492,700		
Gallons Sold				Average			749,700		
Gallons Lost	4.347			Average	, unipou		140,100	6	
Percentage Loss	16.48%			Gallone A	Accounted for				
GPM Loss	97			Tank Ove			0		
				Plant Use			1.063		
							0.000	•	
				Compute	H Auj.		0	•	
				Other			1.063	-	
				Total			1.003	•	
Booster Station Conditions		Poor		Fair	у	Good		Excellent	
Building & Grounds		Poor		Fair	У	Good		Excellent	
Electrical & Telemetry		Poor		Fair	У	Good		Excellent	
Piping and valves		Poor		Fair		Good		Excellent	
Pumps		Poor		Fair		Good		Excellent	
umps		-		-		10,70			
Tanks Conditions		Poor		Fair	у	Good	_	Excellent	
Site Condition		Poor		Fair	у	Good		Excellent	
Evidence of overflow		Yes		No				-	
-		-		_					
Treatment Plant Appearance									
Buildings		Poor		Fair	у	Good		Excellent	
Grounds		Poor		Fair	у	Good		Excellent	
Intake		Poor		Fair	у	Good		Excellent	
Road & entrance		Poor		_Fair	у	Good	-	Excellent	
Testing Done as required	у	Everyday		Almost ev	very day		Some		Never
Housekeeping as required	у	Yes		No					- P
Mowing as required	У	Yes		No					
Proper reports filled out	у	Yes		No		Sometime	S		
Equipment, pumps and etc. proper	ly maintain	ed	у	Accord. to	o maintenance i	man.		Sometime	es
				Never					
Operator overseeing treatment		Was availab	ole while	on duty	У	Was awa	y from plant	occasional	ly
		Was away f	rom plan	more than	needed				
Comments		23.000							
With this report I certify that I have	personally	inspected th	e operati	on and ma	intenance for	the month	of		
		is accurate to							
				100					
chris graha	m 8-9-2022	2							

Operator

Jul-22

MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

File

GOFF & GOFF, P.S.C.

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

Of Counsel: Kenneth H. Goff

Thomas H. Goff Zachary Craddock-Vocke

Phone: (270) 259-9237 Fax: (270) 259-0060

August 22, 2022

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

Re: Waste Water treatment for Edmonson County Water District

Dear Mayor Meredith:

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

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

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

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

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

Sincerely,

Thomas H. Goff

THG/mp

cc: Tony Sanders, District Manager Edmonson County Water District

PO Box 208

Brownsville, KY 42210

:dmonson County Water District Acct# 60015000 Hwy 259 North

					illed	Amount		
Service Dates	Due Date	Usage		Sewer	6	% Tax		Total
1/10/20-02/03/20	3/16/2020	163000	\$	652.00	\$	39.12	\$	691.12
2/03/20-03/05/20	4/15/2020	277000	\$	1,108.00	\$	66.48	5	1,174.48
3/05/20-04/09/20	5/15/2020	380000	\$	1,520.00	5	91.20	\$	1,611.20
4/09/20-05/06/20	6/15/2020	96000	\$	384.00	\$	23.04	5	407.04
5/06/20-06/04/20	7/15/2020	142000	\$	568.00	\$	34.08	\$	602.08
6/04/20-07/06/20	8/17/2020	169000	\$	676.00	\$	40.56	5	716.56
7/06/20-08/05/20	9/15/2020	217000	\$	868.00	\$	52.08	\$	920.08
8/05/20-09/08/20	10/15/2020	171000	\$	684.00	5	41.04	\$	725.04
9/08/20-10/06/20	11/16/2020	208000	\$	832.00	\$	49.92	5	881.92
0/06/20-11/04/20	12/15/2020	148000	\$	592.00	5	35.52	\$	627.52
1/04/20-12/02/20	1/15/2021	153000	\$	612.00	\$	36.72	\$	648.72
2/02/20-01/13/21	2/15/2021	199000	\$	796.00	5	47.76	\$	843.76
1/13/21-02/15/21	3/15/2021	198000	5	792.00	\$	47.52	5	839.52
2/15/21-03/08/21	4/15/2021	242000	\$	968.00	\$	58.08	5	1,026.08
3/08/21-04/08/21	5/15/2021	178000	\$	712.00	\$	42.72	\$	754.72
4/08/21-05/10/21	6/15/2021	239000	5	956.00	\$	57.36	5	1,013.36
5/10/21-06/03/21	7/15/2021	108000	\$	432.00	\$	25.92	\$	457.92
6/03/21-07/09/21	8/16/2021	216000	5	864.00	\$	51.84	S	915.84
7/09/21-08/11/21	9/15/2021	200000	\$	800.00	\$	48.00	\$	848.00
8/11/21-09/03/21	10/15/2021	167000	\$	668.00	\$	40.08	\$	708.08
9/03/21-10/08/21	11/15/2021	199000	\$	796.00	\$	47.76	5	843.76
0/08/21-11/04/21	12/15/2021	160000	5	640.00	\$	38.40	\$	678.40
1/04/21-12/01/21	1/15/2022	191000	\$	764.00	\$	45.84	\$	809.84
2/01/21-01/03/22	2/15/2022	324000	\$	1,296.00	\$	77.76	5	1,373.76
1/03/22-02/03/22	3/15/2022	279000	\$	1,116.00	\$	66.96	\$	1,182.96
2/03/22-03/08/22	4/15/2022	268000	\$	1,072.00	5	64.32	5	1,136.32
3/08/22-04/05/22	5/16/2022	202000	5	808.00	\$	48.48	\$	856.48
4/05/22-05/03/22	6/15/2022	206000	\$	824.00	\$	49.44	\$	873.44
5/03/22-06/08/22	7/15/2022	133000	5	532.00	\$	31.92	5	563.92
16/08/22-07/11/22	8/16/2022	130000	5	520.00	\$	31.20	\$	551.20

	C	orre	ct Amour	nt	
	Sewer	6	% Tax		Total
5	529.75	\$	31.79	\$	561.54
\$	900.25	\$	54.02	\$	954.27
\$	1,235.00	\$	74.10	5	1,309.10
5	312.00	\$	18.72	\$	330.72
\$	461.50	\$	27.69	5	489.19
\$	549.25	\$	32.96	5	582.21
5	705.25	5	42.32	\$	747.57
\$	555.75	\$	33.35	5	589.10
\$	676.00	\$	40.56	\$	716.56
\$	481.00	\$	28.86	\$	509.86
\$	497.25	\$	29.84	\$	527.09
\$	646.75	\$	38.81	5	685.56
\$	643.50	\$	38.61	\$	682.11
\$	786.50	\$	47.19	\$	833.69
\$	578.50	\$	34.71	5	613.21
5	776.75	5	46.61	5	823.36
\$	351.00	\$	21.06	5	372.06
5	702.00	5	42.12	5	744.12
\$	650.00	\$	39.00	\$	689.00
\$	542.75	\$	32.57	\$	575.32
\$	646.75	\$	38.81	\$	685.56
\$	520.00	\$	31.20	\$	551.20
\$	620.75	\$	37.25	\$	658.00
\$	1,053.00	\$	63.18	\$	1,116.18
\$	906.75	\$	54.41	5	961.16
\$	871.00	\$	52.26	5	923.26
\$	656.50	\$	39.39	\$	695.89
5	669.50	\$	40.17	5	709.67
5	432.25	\$	25.94	\$	458.19
\$	422.50	\$	25.35	\$	447.85

\$ 23,852.00 \$ 1,431.12 \$ 25,283.12 \$ 19,379.75 \$ 1,162.79 \$ 20,542.54

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

Edmonson County Water District Acct# 60015500 Bus Garage

				В	illed	Amoun	t	
Service Dates	Due Date	Usage		Sewer	69	% Tax		Total
01/10/20-02/03/20	3/16/2020	3100	\$	12.40	\$	0.74	\$	13.14
02/03/20-03/05/20	4/15/2020	3300	\$	13.20	\$	0.79	\$	13.99
03/05/20-04/09/20	5/15/2020	4000	5	16.00	\$	0.96	\$	16.96
04/09/20-05/06/20	6/15/2020	1200	\$	4.80	5	0.29	\$	5.09
05/06/20-06/04/20	7/15/2020	700	\$	2.80	\$	0.17	\$	2.97
06/04/20-07/06/20	8/17/2020	1800	\$	7.20	\$	0.43	\$	7.63
07/06/20-08/05/20	9/15/2020	1500	\$	6.00	\$	0.36	\$	6.36
08/05/20-09/08/20	10/15/2020	2800	\$	11.20	\$	0.67	5	11.87
09/08/20-10/06/20	11/16/2020	2700	5	10.80	\$	0.65	\$	11.45
10/06/20-11/04/20	12/15/2020	3300	\$	13.20	\$	0.79	5	13.99
11/04/20-12/02/20	1/15/2021	2200	5	8.80	\$	0.53	\$	9.33
12/02/20-01/13/21	2/15/2021	1600	5	6.40	\$	0.38	\$	6.78
01/13/21-02/15/21	3/15/2021	2000	\$	8.00	\$	0.48	\$	8.48
02/15/21-03/08/21	4/15/2021	1700	\$	6.80	\$	0.41	\$	7.21
03/08/21-04/08/21	5/15/2021	3800	\$	15.20	\$	0.91	\$	16.11
04/08/21-05/10/21	6/15/2021	3100	\$	12.40	\$	0.74	\$	13.14
05/10/21-06/03/21	7/15/2021	3900	\$	15.60	\$	0.94	\$	16.54
06/03/21-07/09/21	8/16/2021	3500	\$	14.00	\$	0.84	\$	14.84
07/09/21-08/11/21	9/15/2021	2400	\$	9.60	\$	0.58	\$	10.18
08/11/21-09/03/21	10/15/2021	2900	\$	11.60	\$	0.70	\$	12.30
09/03/21-10/08/21	11/15/2021	3500	5	14.00	\$	0.84	5	14.84
10/08/21-11/04/21	12/15/2021	3300	\$	13.20	\$	0.79	\$	13.99
11/04/21-12/01/21	1/15/2022	3300	\$	13.20	\$	0.79	\$	13.99
12/01/21-01/03/22	2/15/2022	2400	\$	9.60	\$	0.58	\$	10.18
01/03/22-02/03/22	3/15/2022	3000	\$	12.00	\$	0.72	\$	12.72
02/03/22-03/08/22	4/15/2022	2800	\$	11.20	\$	0.67	\$	11.87
03/08/22-04/05/22	5/16/2022	4800	5	19.20	\$	1.15	5	20.35
04/05/22-05/03/22	6/15/2022	4100	\$	16.40	\$	0.98	\$	17.38
05/03/22-06/08/22	7/15/2022	5000	5	20.00	\$	1.20	\$	21.20
06/08/22-07/11/22	8/16/2022	1700	\$	6.80	\$	0.41	\$	7.21

	Co	rrec	t Amou	nt	
S	ewer	_	6 Tax	19	Total
\$	10.08	\$	0.60	\$	10.68
\$	10.73	\$	0.64	\$	11.37
\$	13.00	\$	0.78	\$	13.78
\$	3.90	\$	0.23	\$	4.13
\$	2.28	\$	0.14	\$	2.41
\$	5.85	\$	0.35	\$	6.20
\$	4.88	\$	0.29	\$	5.17
\$	9.10	5	0.55	5	9.65
\$	8.78	\$	0.53	\$	9.30
\$	10.73	5	0.64	\$	11.37
\$	7.15	5	0.43	5	7.58
\$	5.20	\$	0.31	\$	5.51
\$	6.50	\$	0.39	\$	6.89
\$	5.53	\$	0.33	\$	5.86
\$	12.35	5	0.74	5	13.09
\$	10.08	\$	0.60	\$	10.68
\$	12.68	\$	0.76	\$	13.44
\$	11.38	\$	0.68	5	12.06
\$	7.80	\$	0.47	5	8.27
\$	9.43	\$	0.57	\$	9.99
\$	11.38	\$	0.68	\$	12.06
\$	10.73	\$	0.64	\$	11.37
\$	10.73	\$	0.64	\$	11.37
5	7.80	5	0.47	5	8.27
\$	9.75	\$	0.59	\$	10.34
\$	9.10	\$	0.55	5	9.65
\$	15.60	\$	0.94	5	16.54
\$	13.33	5	0.80	\$	14.12
\$	16.25	\$	0.98	\$	17.23
\$	5.53	\$	0.33	5	5.86

\$ 341.60 \$ 20.50 \$ 362.10 \$ 277.55 \$ 16.65 \$ 294.20

Difference in Billed Amount and Correct Amount: \$ 67.89

August 23rd, 2022

ECWD

Present:

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

Minutes:

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

Steffan Meredith:

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

Division Reports:

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

Lead and Copper Survey:

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

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

Over Charge from City of Brownsville:

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

Locke 5:

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

Wax Plant:

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

Cleaner Water Grant:

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

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

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

Contracts, Forms, Meter Cost:

The average cost per meter is \$1,001.78. Right now, we are currently charging \$575 per meter. Tony recommends going to the PSC with a proposed cost of \$1,000 per meter for 5/8 by ¾ meters. The cost for a larger meter would still be a \$200 deposit and the customer would be billed for the actual cost. Tom and the board recommend adding a footnote to the cost justification with the cost of new meters noted. Motion made to submit the cost justification sheets to the PSC after the footnote is added about the cost of new meters. Motion made by Barry Rich seconded by Greg Nugent. Motion carried.

Meter Change Out:

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

Uniforms:

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

Park Mammoth:

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

Adjourn:

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

Jimmy Mins

Barry Rich

Grea Nugent

September 13, 2022

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

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

Jimmy Milks

Barry Rich

Gregory Nugent

September 15th, 2022

ECWD

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

Minutes:

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

Meeting with Corps & Nature Conservancy:

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

Tony Out of Office:

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

Financial Reports:

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

Cleaner Water/ARPA:

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

Dump Truck:

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

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

Gravel:

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

Closing Parade:

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

City Sewer Bill:

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

KRWA:

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

Meter Change Out:

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

Fairview Pump:

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

Agreement with Chad Harston:

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

New Employee:

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

Water Loss:

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

State Surplus:

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

Adjourn:

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

Comm. D.

Geo Nygen

	PUBLIC S	SERVICE CO	MMISSIC	N
	Moi	nthly Water Loss R	eport	
Water L		Edmonson Co	ounty Water Distric	<u></u>
				,
For the	Month of:	AUGUST	Year:	2022
LINE#		ITEM	GAL	LONS (Omit 000's)
1	WATER PRODUCED ANI	DPURCHASED		
3	Water Produced			69,438,000
4	Water Purchased	TOTAL PROPUSED AND D	UDCHASED	
5		TOTAL PRODUCED AND P	URCHASED	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
6	WATER SALES			
7	Residential			37,322,900
8	Commercial			37,322,900
9	Industrial			
10	Bulk Loading Stations			
11	Wholesale		 	2,888,200
12	Public Authorities	-		=,000,=00
13	Other Sales (explain)			
14		TOTAL WA	TER SALES	734 Sc40 271400
15				
16	OTHER WATER USED			
17	Utility and/or Water Treatn	nent Plant		1,450,200
18	Wastewater Plant			
19	System Flushing			4,004,800
20 -	Fire Department	+ DUBADO +		6,200
21 22	Other Usage (explain)	* PUMPS * TOTAL OTHER WA	ATED LICED	47500
23		TOTAL OTHER W	RIER USED	
24	WATER LOSS			
25	Tank Overflows			•
26	Line Breaks			5,522,470
27	Line Leaks			17,768,230
28	Excavation Damages			.,,
29	Theft			
30	Other Loss			
31		TOTAL W	ATER LOSS	E PER ESTATION AND
32				
_33	Note: Line 14 + Line 22 +	Line 31 MUST Equal Line 4		
34				
35	WATER LOSS PERCENT			
36	(Line 31 divided by Line 4)			

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MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS: TOTAL GALLONS PUMPED TOTAL GALLONS SOLD TOTAL GALLON LOSS PERCENTAGE LOSS GALLONS ACCOUNTED FOR GALLONS UNACCOUNTED FOR	69,438,000 40,211,100 29,226,900 4270 10,008,470 19,218,430	GALLONS FLUSHED NUMBER OF LEAKS ESTIMATED GALLONS RIVER HILL PUMPS TANK OVERFLOW OTHER F-DEPT.	4,004,800 5,522,470 475,000	<u>o</u>
VEHICLE MAINTAINANCE:	ACCORDING SOMETIMES NEVER	TO MAINTAINANCE MAI	NUAL	
EQUIPMENT MAINTAINANCE:	ACCORDINGSOMETIMESNEVER	S TO MAINTAINANCE MAI	NUAL	
MOWING DONE AS REQUIRED:	YES	NO	_PARTLY	
SYSTEM APPEARANCE: LINES PRESSURE STATION TANK SITE BOOSTER STATION STORAGE YARD & LOT MAINTAINANCE OFFICE GROUNDS VALVES METERS TESTING DONE AS REQUIRED: PROPER REPORTS FILLED OUT: TOOL INVENTORY:	POOR POOR POOR POOR POOR POOR POOR POOR	NEVER NO BALANCED	GOOD GOOD GOOD GOOD GOOD GOOD GOOD GOOD	EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT
MATERIAL INVENTORY:	CHECKED &	BALANCED	_CHECKED & SOM	ME GONE
COMMENTS: Tring to	o locate and er work Gaugh	fix leaks as	fast as	possible
WITH THIS REPORT I CERTIFY TO	HAT I HAVE INSPECTED T	HE OPERATION AND MAINT	FINANCE FOR THE M	ONTH OF

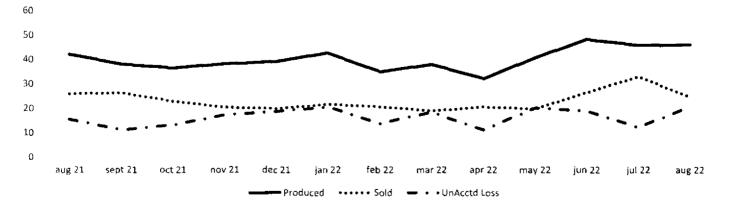
Edmonson Co Water District Monthly Water Loss Report

	Δυαι	ust 2022	Brownsville \	WTP
	, way t	134 2022	August-21	Totals
A:	Produced	45.8610 MG	42.114 N	мG
	Purchased	MG		MG
	Total	45.8610 MG	42.114 N	
	Sold Residentia	/ 21.7139 MG	23.4229 N	мG
	Wholesale	2,8882 MG	2.510 N	
	Wax WTF	MG		ИG
	Total Sold	24.6021_MG	25.933 N	<u>-</u>
B:	Difference	21.259 MG	16.181 N	MG
	% Difference	46.36%	38.42%	
	Gallons Acctd For:			
	Breaks	:MG		ИG
		MG		иG
		MG		ИĠ
		0.6632 MG	0.6995 N	ИG
		MG		ИG
		MG	N	ИG
		мg	N	ИG
C:	Total Gallons Acctd	F 0.6632 MG	0.6995 N	ИG
	Loss Unacctd for Wa	a 20.5957 MG	15.481 N	ИG
	% Loss Unacctd for		36.76%	
	Gallons / Day (+/	664,377	499,400	
	Gallons / Minute (347	

YTD Budget: 1.04% Under 66.96 % Used Past YTD Avg. Loss: 37.97%

AVG YTD Loss: 41.45%

13 Mth Loss Rpt Bville WTP



MONTHLY INSPECTION & REPORT FORM BROWNSVILLE TREATMENT PLANT

Gallons Pumped	45.861	Maximum	Pumped		2.2890	_
Gallons Sold	24.602	Minimum	Pumped		1.1350	-
Gallons Lost	20.596	Average I	Pumped		1.4794	
Percentage Loss	44.91%				•	•
GPM Loss	461	Gallons Ad	counted for:			
		Tank Ove	erflow		0.0000	_
		Plant Use)		0.6995	_
		Compute	r Adj.		0.0000	
		Other			0.0000	-
		Total			0.6995	•
Booster Station Conditions	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
Tanks Conditions	Poor	Fair		Good		Excellent
Site Condition	Poor	Fair		Good		Excellent
Evidence of overflow	Yes	No				-
Treatment Plant Appearance						
Buildings	Poor	Fair	x	Good		_Excellent
Grounds	Poor	Fair	x	Good		Excellent
Intake	Poor	Fair	x	Good		Excellent
Road & entrance	Poor	Fair	x	Good		Excellent
Testing Done as required	x Everyd	ay Almost ev	ery day		Some	Never
Housekeeping as required	Yes	No				
Mowing as required	x Yes	No				
Proper reports filled out	Yes	No		Sometim	es	
Equipment, pumps and etc. prope	erly maintained	x Accord. to	maintenanc	e man.	•	_Sometimes
Operator overseeing treatment	x Wasa	vailable while on duty	x	Was aw	ay from plant	occasionally
-		way from plant more than	needed			
Comments:		- •				
 	•	•				
				 		

August 2022 and that it is accurate to the best of my knowledge.

Time Brewster 9-5-2021

Operator Date

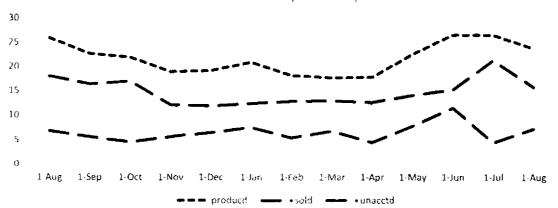
Edmonson Co Water District Monthly Water Loss Report

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

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

AVG YTD Loss:

13 month loss report wax plant



MONTHLY INSPECTION & REPORT FORM

wax treatment plant

Aug-22

Date

									
Gallone Pumpod	22 577			Mauter	D.:		004 400		
Gallons Pumped	23.577				m Pumped		894,400	-	
Gallons Sold	15.609				m Pumped		629,700		
Gallons Lost	7.181			Average	Pumped		760,548	_	
Percentage Loss	30.46%					•			
GPM Loss	161				Accounted fo	r:			
				Tank O			0	_	
				Plant Us			0.787	•	
				Comput	ter Adj.		0	-	
				Other			0		
				Total			0.787	•	
Booster Station Conditions		Poor		Fair	٧	Good		Excellent	
Building & Grounds		Poor		- Fair		Good		Excellent	
Electrical & Telemetry		Poor		- Fair		Good	-v	Excellent	
Piping and valves		Poor		- Fair	v	Good		Excellent	
Pumps		Poor		Fair		Good		Excellent	
		_							
Tanks Conditions		Poor		_ ^{Fair}	у	_Good		Excellent	
Site Condition		Poor		Fair	у	Good		Excellent	
Evidence of overflow		Yes		_No		_		-	
F									
reatment Plant Appearance		_						es .	
Buildings		Poor		_ Fair	<u>y</u>	_Good		Excellent	
Grounds 		Poor		Fair	<u> y</u>	_Good		Excellent	
ntake		Poor		_Fair	у	Good		Excellent	
Road & entrance		Poor		_ Fair	<u>y</u>	_Good		Excellent	
esting Done as required	у_	Everyday		_Almost e	very day		Some		Never
lousekeeping as required		Yes		No			-		
Mowing as required	У	Yes		No					
Proper reports filled out	у	Yes		_No		_Sometime	s		
Equipment, pumps and etc. proper	dv maintaine	ad .	у	Accord 1	to maintenance	man		Sometime	26
-quipitioni, parrips and etc. proper	ry mannanie			Never	io mamenano	THUIT.		_	
Operator overseeing treatment		Was availa	ble while o	n duty	у	_Was awa	y from plant	occasional	ly
_		Was away	from plant	more tha	n needed	•			
Comments									
									
							. ,		·········
						, , , , , , , , , , , , , , , , , , , 			· · · · ·
			*				 		
						·,		·····	
									
With this report I certify that I have	personally	inspected t	he operati	on and ma	aintenance for	the month	of		
	and that it is	•							
•				-					
chris grahar	m 9-2-2022								

Operator

ECWD

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

Minutes:

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

O&M Reports:

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

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

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

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

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

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

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

Cleaner Water #2

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

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

Sewer Rate Study:

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

City of Brownsville:

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

Badger Meter:

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

Budget:

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

Tariff Changes:

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

New Employee:

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

Tattoo Policy:

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

Dump Truck:

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

Adjourn:

Greg Nugent

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

X	X	
Jimmy Mills	Barry Rich	
X		

October 11th, 2022

ECWD

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

Minutes:

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

Financial Reports:

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

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

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

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

Budget:

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

Meter Distributor:

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

Meter Change Outs:

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

Dump Truck:

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

Brownsville Report:

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

Wax Report:

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

Distribution Report:

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

Office Report:

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

Chemical Quotes:

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

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

Meeting with the Corps:

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

Consulting Co in Glasgow KY

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

Cleaner Water#2:

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

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

Proposed Subdivision Ponderosa Rd:

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

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

City of Brownsville:

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

Adjourn:

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

nony Mylls Barry R

Grea Nugent

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

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

Jimmy Mils

Barry Dich

Gregor Mugent

		IC S	ERVICE CO	MMISSIC)N
		Mon	thly Water Loss R	eport	
Water U	tility:		Edmonson C	ounty Water Distric	
vale: 0	unty.		<u> </u>		
For the I	Month of:		SEPT	Year:	2022
LINE#			ITEM	GAL	LONS (Omit 000's)
1	WATER PRODUC	ED AND	PURCHASED		
2	Water Produced				61,713,000
3	Water Purchased				r (1940) – Lag II. – Propries Augustus (1966) – 1966) – 1966)
4			TOTAL PRODUCED AND	PURCHASED	61,713,000
5					- Mark
6	WATER SALES				
7	Residential				39,897,500
8	Commercial				
9	Industrial				
10	Bulk Loading Station	ons			
11	Wholesale				2,806,90
12	Public Authorities	l			
13	Other Sales (expla	in) [A Company of the Company of the
14		, ,	TOTAL W	ATER SALES	42,704,40
15	<u> </u>				·
	OTHER WATER U				
16	<u> </u>	r Traatm	ant Diant	}	
17	Utility and/or Wate	Heatir	ient riant		1,373,30
17 18	Utility and/or Wate Wastewater Plant	i ileatii	ent riant		
17 18 19	Utility and/or Wate Wastewater Plant System Flushing	i ileatii	ent riant		1,373,30 4,849,00
17 18 19 20	Utility and/or Wate Wastewater Plant System Flushing Fire Department				4,849,00 35
17 18 19 20 21	Utility and/or Wate Wastewater Plant System Flushing		* PUMPS *		4,849,00 35 4800
17 18 19 20 21 22	Utility and/or Wate Wastewater Plant System Flushing Fire Department		* PUMPS *	VATER USED	4,849,00 35
17 18 19 20 21 22 23	Utility and/or Wate Wastewater Plant System Flushing Fire Department Other Usage (expl		* PUMPS *	VATER USED	4,849,00 35 4800
17 18 19 20 21 22 23 24	Utility and/or Wate Wastewater Plant System Flushing Fire Department Other Usage (expl		* PUMPS *	VATER USED	4,849,00 35 4800
17 18 19 20 21 22 23 24 25	Utility and/or Wate Wastewater Plant System Flushing Fire Department Other Usage (expl.) WATER LOSS Tank Overflows		* PUMPS *	VATER USED	4,849,00 35 48000 6,702,65
17 18 19 20 21 22 23 24 25 26	Utility and/or Wate Wastewater Plant System Flushing Fire Department Other Usage (expl WATER LOSS Tank Overflows Line Breaks		* PUMPS *	VATER USED	4,849,00 35 48006 6,792,65 5,175,02
17 18 19 20 21 22 23 24 25 26 27	Utility and/or Wate Wastewater Plant System Flushing Fire Department Other Usage (expl WATER LOSS Tank Overflows Line Breaks Line Leaks	ain)	* PUMPS *	VATER USED	4,849,00 35 4800 6,792,65 5,175,02
17 18 19 20 21 22 23 24 25 26 27 28	Utility and/or Wate Wastewater Plant System Flushing Fire Department Other Usage (expl.) WATER LOSS Tank Overflows Line Breaks Line Leaks Excavation Damage	ain)	* PUMPS *	VATER USED	4,849,00 35 4800 6,792,65 5,175,02
17 18 19 20 21 22 23 24 25 26 27 28 29	Utility and/or Wate Wastewater Plant System Flushing Fire Department Other Usage (expl WATER LOSS Tank Overflows Line Breaks Line Leaks Excavation Damage Theft	ain)	* PUMPS *	VATER USED	4,849,00 35 4800 6,792,65 5,175,02
17 18 19 20 21 22 23 24 25 26 27 28 29 30	Utility and/or Wate Wastewater Plant System Flushing Fire Department Other Usage (expl.) WATER LOSS Tank Overflows Line Breaks Line Leaks Excavation Damage	ain)	* PUMPS * TOTAL OTHER V		4,849,00 35 4800 6,792,65 5,175,02 7,130,93
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	Utility and/or Wate Wastewater Plant System Flushing Fire Department Other Usage (expl WATER LOSS Tank Overflows Line Breaks Line Leaks Excavation Damage Theft	ain)	* PUMPS * TOTAL OTHER V	VATER USED	4,849,00 35 4800 6,792,65 5,175,02 7,130,93
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32	Utility and/or Wate Wastewater Plant System Flushing Fire Department Other Usage (expl.) WATER LOSS Tank Overflows Line Breaks Line Leaks Excavation Damage Theft Other Loss	ain)	* PUMPS * TOTAL OTHER V		4,849,00 35 4800 6,792,65 5,175,02 7,130,93
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	Utility and/or Wate Wastewater Plant System Flushing Fire Department Other Usage (expl.) WATER LOSS Tank Overflows Line Breaks Line Leaks Excavation Damage Theft Other Loss	ain)	* PUMPS * TOTAL OTHER V		4,849,00 35 4800 6,792,65 5,175,02 7,130,93
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32	Utility and/or Wate Wastewater Plant System Flushing Fire Department Other Usage (expl.) WATER LOSS Tank Overflows Line Breaks Line Leaks Excavation Damage Theft Other Loss	ain)	* PUMPS * TOTAL OTHER V TOTAL V Line 31 MUST Equal Line 4		4,849,00 35 48006 6,792,65 5,175,02 7,130,93

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MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

			-	**
WATER LOSS: TOTAL GALLONS PUMPED TOTAL GALLONS SOLD TOTAL GALLON LOSS PERCENTAGE LOSS	61,713,000 42,704,400 19,008,600	GALLONS FLUS NUMBER OF LE ESTIMATED GA RIVER HILL PUI	AKS 39 J LLONS 3, 175, 026 MPS 486,000	<u> </u>
GALLONS ACCOUNTED FOR GALLONS UNACCOUNTED FOR	10,504,370 8,504,230	TANK OVERFLO OTHER F-DA 306		
VEHICLE MAINTAINANCE:	J ACCORDIN SOMETIME NEVER	G TO MAINTAINAN S	NCE MANUAL	,
EQUIPMENT MAINTAINANCE:		G TO MAINTAINAN S	NCE MANUAL	
MOWING DONE AS REQUIRED:	YES	NO	PARTLY	
SYSTEM APPEARANCE: LINES PRESSURE STATION TANK SITE BOOSTER STATION STORAGE YARD & LOT MAINTAINANCE OFFICE GROUNDS VALVES METERS TESTING DONE AS REQUIRED: PROPER REPORTS FILLED OUT: TOOL INVENTORY:	POOR POOR POOR POOR POOR POOR POOR POOR	& BALANCED	GOOD GOOD GOOD GOOD J GOOD J GOOD GOOD J GOOD GOOD ALMOST EVERY DAY NEVER NO CHECKED & S	EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT
MATERIAL INVENTORY:	CHECKED ON CHECKED	& BALANCED KED	CHECKED & S	OME GONE
DOSSIBLE MAIR LEEP	to find leaks	and get to	hen fixed as	guick as
			 	
MATEL THE RESERVE OF STREET		TUE AREAMAN	IPTP#ILIPINA ALIAN AND AND AND AND AND AND AND AND AND A	· · · · · · · · · · · · · · · · · · ·
WITH THIS REPORT I CERTIFY TO	Hat I have inspected =	HE OPERATION AN	IDMAINTINANCE FOR THE	MONTH OF
			10-10-23	

Edmonson Co Water District Monthly Water Loss Report

			Brownsville WTP
	Sept 2022		u
			September-21 Totals
A:	Produced	37.8440 MG	37.9820 MG
	Purchased	MG	MG
	Total	37.8440 MG	37.9820 MG
	Sold Residential	21.8715 MG	23.8251 MG
	Wholesale	2.8069 MG	2.4137 MG
		MG	MG
	Total Sold	24.6784 MG	26.2388 MG
B:	Difference	13.1656 MG	11.7432 MG
	% Difference	34.79%	30.92%
	Gailons Acctd For:		
	Breaks	MG	мG
	Hyd. Flushing		MG
	Tank Overflow		мб
	Plant Use	0.5543 MG	0.5701 MG
	Fire Dept Use	MG	м
	Adjustments +/-	MG	мб
	Wax		MG
C:	Total Gallons Acctd I	1.002 MG	0.570 MG
	Loss Unacctd for Wa	12.164 MG	11.173 MG
	% Loss Unacctd for (32.14%	29.42%
	Gallons / Day (+/	423,933	372,433
	Gallons / Minute (4		259

YTD Budget: 3.04% over

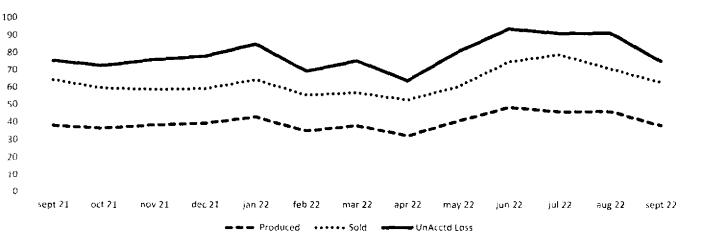
78.04 % Used

Past YTD Avg. Loss:

37.02%

YTD Loss: 40.41%

13 Mth Loss Rpt Bville WTP



MONTHLY INSPECTION & REPORT FORM BROWNSVILLE TREATMENT PLANT

Sallons Pumped	37.844	Maximur	n Pumped		1,482,000		
Sallons Sold	24.678	Minimun	n Pumped		938,000		
Gallons Lost	12.164	Average	Pumped		1.2208	ı	
Percentage Loss	32.14%						
SPM Loss	294	Gallons A	Accounted for:				
		Tank Ov	erflow		0.000	•	
		Plant Us	se		0,5543		
		Compute	er Adj.		0.000	_	
		Other			0.448	_	
		Total			1.0021	-	
Booster Station Conditions	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	
Tanks Conditions	Poor	Fair		_Good		Excellent	
Site Condition	Poor	Fair		Good		Excellent	
Evidence of overflow	Yes	No				-	
Freatment Plant Appearance							
Buildings	Poor	Fair	x	Good		Excellent	
Grounds	Poor	Fair	x	— Good		Excellent	
ntake	Poor	Fair	x	— Good		- Excellent	
Road & entrance	Poor	Fair	x	Good		_ Excellent	
esting Done as required	x Everyday	Almost e	every day		Some		Neve
lousekeeping as required	x Yes	No					
Mowing as required	x Yes	No					
Proper reports filled out	xYes	No		Sometime	es		
Equipment, pumps and etc. prop	erly maintained		to maintenance	e man.		_Sometime	es
Operator overseeing treatment	x Was avail	Never able while on duty	×	Was aw	ay from plant	occasional	lv
•		y from plant more tha	n needed	_			•
Comments:				_			
			<u> </u>				

Tim Brewster October 10, 2022

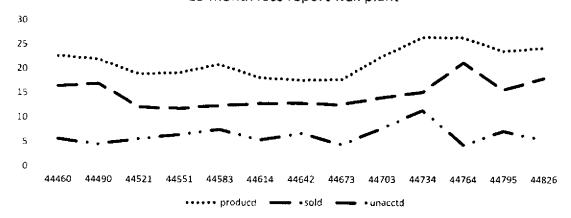
Operator Date

Edmonson Co Water District Monthly Water Loss Report

			Wax	WTP
	Sep-22	н	Sep-21	Totals
			<u> </u>	, otala
A:	Produced	23,829 MG	22.852	
• ••	Purchased	0.448 MG		MG
	Total	24.277 MG	22.852	MĢ
	Sold Residential	18.026 MG	16.3370	_
	Wholesale	MG		MG
		MG		MG
	Total Sold	18.026 MG	16.337	MG
B:	Difference	6.251 MG	6.515	MG
	% Difference	25.75%	28.51%	•
	Gallons Acctd For:			
	Breaks	s MG		MG
	Hyd. Flushing			MG
	Tank Overflow		0.000	
	Plant Use		0.970	_
	Fire Dept Use	MG MG		MG
	Adjustments +/-	MG		MG
	Other	rMG		MG
C:	Total Gallons Acctd For:	0.819 MG	0.970	MG
	Loss Unacctd for Water (B-C)	5.432 MG	5.545	MG
	% Loss Unacctd for (B-C)/A	22.37%	24.26%	-
	Gallons / Day (+/-)	<u>181,05</u> 3	184,836	_
	Gallons / Minute (+/-)	126	128	

AVG YTD Loss:

13 month loss report wax plant



MONTHLY INSPECTION & REPORT FORM

wax treatment plant Sep-22

Date

	04.077			Mavimun	n Pumned		919,500		
Gallons Pumped	24.277 18.026	_	Maximum Pumped Minimum Pumped			648,600			
Gallons Sold		_		Average			794,287		
Gallons Lost	5,432			Atologo	, ampoo		707,201	•	
Percentage Loss	22.37% 126			Gallons /	Accounted for:				
GPM Loss	120	2		Tank Ov			0		
				Plant Us	1		1.065		
				Compute	1		0	•	
				Other	21 7 loj.		0	•	
				Total			1.065	-	
				Total				•	
Booster Station Conditions		Poor		Fair	у	Good		Excellent	
Building & Grounds		Poor		Fair	у	Good		Excellent	
Electrical & Telemetry		Poor		Fair	У	Good		Excellent	
Piping and valves		_ Poor		Fair	у	Good		Excellent	
Pumps		Poor		Fair	у	Good		Excellent	
•		_							
Tanks Conditions		_Poor		Fair	у	Good		Excellent	
Site Condition		Poor		Fair	у	Good		Excellent	
Evidence of overflow		_Yes	у	No No					
Treatment Plant Appearance									
Buildings		Poor		Fair	<u>y</u>	Good		Excellent	
Grounds		Poor		Fair	у	Good		Excellent	
Intake		Poor		Fair	<u>y</u>	Good		Excellent	
Road & entrance		Poor		Fair	у	Good		_Excellent	
Testing Done as required	У	Everyday		_ Almost e	very day		_Some		_Never
Housekeeping as required	у	Yes		No			_		
Mowing as required	у	Yes		No					
Proper reports filled out	У	Yes		_No		Sometime	s		
Equipment, pumps and etc. proper	dy maintai	ned	у	_Accord. t	o maintenance	man.		Sometime	es
Operator overseeing treatment		Was availa	ble while o	n duty	у	Was awa	y from plant	occasional	ly
		_	from plant	•	n needed	-	•		•
Comments Guttering on chemical	building	needs work	or replaced	is falling o	off. New pack	ing and pa	cking gland	was ordere	d for high
service pump #1 and packing for #									 .
									
			···-						
					_				
With this report I certify that I have						the month	of		
,		t is accurate	in the best	or my att	nty.				
chris graha	m 10-4-20)22							

Operator

Sep-22

MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

October 25th, 2022

ECWD

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

Minutes:

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

Water Issues:

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

Meeting with the Corps:

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

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

Legalities of Denying Subdivisions:

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

Water Loss/Leak Detection:

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

Budgets:

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

City of Brownsville:

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

Option to Buy:

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

Quarterly Quotes:

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

KRWA dues:

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

Middlebrook Subdivision:

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

Dump Truck:

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

Lawrence Childress:

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

Employee/Personnel Issues:

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

Adjourn:

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

Jimmy Mills

Barry Rich

X Barry Rich

X Greq Nygent

Emergency Meeting

November 1st, 2022

ECWD

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

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

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

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

Adjourn:

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

X Barry Fiels

Grea Ny gent

November 8th, 2022

ECWD

Present:

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

Minutes:

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

O&M Reports:

Tony reported that the YTD bond coverage is good, nearly a 3. We do have some big expenses left to pay; the meters and the painting at Brownsville plant. Tony reported that he plans on having the budget amendments ready by the first meeting in December for review. Tony reports that the bond coverage is good for sewer as well, and that we are currently making more than we are spending in sewer. Tony reported that the PSC did a sewer inspection and found no deficiencies. We did need updated CPR training, but we got that completed the following week and sent it over.

Jimmy Mills signed the verification of insurance coverage to send to Rural Development.

Check Approval:

Motion made by Barry Rich to approve the checks for October 2022, seconded by Greg Nugent. Motion carried.

Rough Draft of 2023 Budget:

Tony is estimating that we will take in \$4,109,000, we will have \$3,342,000 in expenses, \$890,000 in depreciation, and \$123, 841 in taxes. That would leave us with a net plant utility loss of \$246,000 after recovering depreciation. Next year we will have to do a single audit.

Tony reported that he has not put dredging in the budget, he is waiting on an updated quote on that. Tony reported that he did send the letter requesting that the Corps do an environmental study.

Satellite Leak Detection:

Tony reported that he spoke with the company about satellite leak detection, and that Steffan sent them a map of our system. We are waiting to hear from them regarding a quote. Leitchfield has used a satellite leak detection program, Grayson County has gotten a quote, and Ohio County is considering using them as well. Tony reported that we have 796 miles in our system and that previously he was told it would be about \$90,000 for one scan but we would get a discount on the second scan. Tony will get the quote and we can decide if we want to proceed at the next meeting.

New Wax Treatment Plant:

Tony reported that he road around with the Corps last week. They found two lots in a subdivision that may be suitable for an intake. They were the best ground with the deepest water. Tony reported that he spoke with Damon Talley and subdivision rules do not apply to government entities, they are exempt from planning and zoning. Tony reported that he has not contacted the owners yet about if they are willing to sell.

Brownsville Plant:

Tim Brewster reported a 41.37% water loss, which is approximately 377 gallons per minute. Tim reported that housekeeping has been completed as required and reports have been completed in a timely manner. Tim reported that the painting job is done, except for the downstairs floors. Tim reported that they will have to come back to complete the cleanup.

Wax Plant:

Nathan reported a 36.02% water loss, which is approximately 189 gallons per minute. Nathan reported that all inspections have been completed and tank conditions are in good condition. Regular housekeeping has been completed. The raw pump has been repaired, the VFD on the high service pump is still in need of repair.

<u>Distribution:</u>

Dylan reported a 37.04% water loss. Dylan reported that maintenance has been completed according to the manual. Inventory was not counted for the month of October. Dylan reported that they put in the PRV on Sandlin Rd, and we will send Stephen Jones the bill for his portion. Dylan reported that they are continue to flush for odor and taste issues but not as much.

Lead & Copper Survey:

Tony reported that he signed Jeff, Dylan, and Erica signed up for a lead and copper training on November 29th. The lead and copper survey is to be completed by October 17th, 2024.

Office:

Erica reported that there are 11,277 customers as of the end of October, and we received 10,681 payments for the month. Approximately 40% of payments were collected were through the online portal. We disconnected 32 on routes 1-10, and 14 on routes of 11-21. We have 56 sewer customers. The new sales & use exemption was discussed. Effective January 1st any customer with more than one meter will be charged sales & use tax. We will have to start requesting declaration of domicile forms after January 1st, anyone who does not complete one declaring that the property is their primary residence will be billed for sales & use tax.

Employees:

Tony reported that Jeremiah went to school and passed his test. But he will be off for a while due to an accident he had outside of work. He is waiting to see if he will need reconstructive surgery

Patrick and Jeremy also went to school, they have not been informed if they have passed the test.

Proposal from KRWA on Sewer Rates:

Tony reported that the cost will be \$7,500 for KRWA to conduct the rate study. It is his recommendation that we move forward with the rate study with KRWA. Tony reported that he put \$7,500 in the sewer budget for the rate case. Motion made by Barry Rich and seconded by Greg Nugent to move forward with the rate study.

PSC:

The PSC has responded to our request for form changes with a few corrections. We will make the corrections and send to the PSC. Tom stated that he has a conference call with Dniel Hinton at the PSC tomorrow to discuss the line extension agreement changes.

Dump Truck Estimate:

The estimate for the dump truck is \$10,986.59 after our \$500 deductible the insurance company will reimburse us \$10,486.59. We will repair the non-cosmetic issues with the old dump truck.

Hwy 88:

Tony reported that he met with the electric company about the potential booster station site. The electric company stated that there should be no issue if we do not build under the electric line. When

we get ready for it, they said to complete the request online. We will lease the land when the grant money is committed.

Line Extension:

There are currently ten people interested in a line extension at Old Iberia Rd. It will be approximately 4,000ft of 3-inch line coming off the 4-inch line. The board discussed if the request could be denied, Tom responded that at this point he did not believe that we could deny it. Motion made by Barry Rich to accept the private line extension at Old Iberia Rd if the hydraulic study is approved by Louis. Seconded by Greg Nugent. Motion carried.

Meeting Adjourned:

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

Jimmy Mils

Barry Rich

Great Migent

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

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

Jimmy Milly Malla X Barry Rich

Gregory Nugent

	PUBLIC	SERVICE COMMI	SSION
	M	onthly Water Loss Report	
Water U	tility:	Edmonson County Wa	ater District
vvalei O	unty.	Editionson County VV	ator District
For the N	Month of:	OCT Y	'ear: 2022
LINE#		ITEM	GALLONS (Omit 000's
1	WATER PRODUCED	AND PURCHASED	
2	Water Produced		62,414,000
3	Water Purchased		
4		TOTAL PRODUCED AND PURCHA	SED 62,414,000
5	WATER SALES		
7	Residential		34,050,200
8	Commercial		34,030,200
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		2,530,900
12	Public Authorities		
13	Other Sales (explain)		
14		TOTAL WATER SA	ALES 36,581,100
15	OTHER WATER HOE		
16	OTHER WATER USE		1 055 100
17 18	Utility and/or Water Tre Wastewater Plant	eatment Plant	1,355,100
19	System Flushing		873,900
20	Fire Department		5,250
21	Other Usage (explain)	* PUMPS *	480000
22		TOTAL OTHER WATER U	
23			
24	WATER LOSS		
25	Tank Overflows		
26	Line Breaks		1,935,940
27 28	Line Leaks Excavation Damages		21,182,710
29	Theft		
30	Other Loss		
31	50. 2000	TOTAL WATER L	OSS 23,118,650
32			20,110,000
33	Note: Line 14 + Line 2	2 + Line 31 MUST Equal Line 4	
34			
35	WATER LOSS PERCE		
36	(Line 31 divided by Lin	e 4)	37.04%

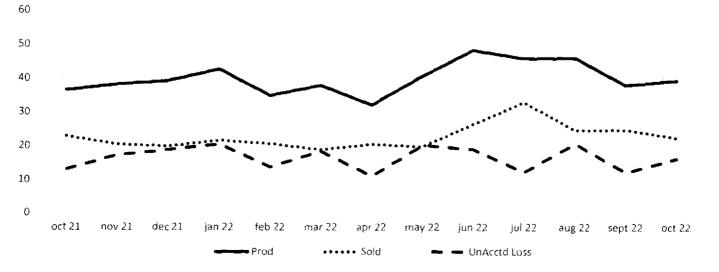
MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

WATER LOSS: TOTAL GALLONS PUMPED TOTAL GALLONS SOLD TOTAL GALLON LOSS PERCENTAGE LOSS GALLONS ACCOUNTED FOR GALLONS UNACCOUNTED FOR	62,414,000 36,581,100 25,832,900 4196 3,295,090 22,537,80 36	GALLONS FLUSHED NUMBER OF LEAKS ESTIMATED GALLONS RIVER HILL PUMPS TANK OVERFLOW OTHER	873,900 1,935,940 3,480,500 5,250
VEHICLE MAINTAINANCE:	ACCORDING SOMETIMES NEVER	TO MAINTAINANCE MAI	NUAL
EQUIPMENT MAINTAINANCE:	ACCORDING SOMETIMES NEVER	O TO MAINTAINANCE MAI	NUAL
MOWING DONE AS REQUIRED:	YES	NO	_PARTLY
SYSTEM APPEARANCE: LINES PRESSURE STATION TANK SITE BOOSTER STATION STORAGE YARD & LOT MAINTAINANCE OFFICE GROUNDS VALVES METERS TESTING DONE AS REQUIRED: PROPER REPORTS FILLED OUT: TOOL INVENTORY:		NEVER NO BALANCED	GOOD EXCELLENT TEVERY DAY CHECKED & SOME GONE
MATERIAL INVENTORY:	·	BALANCED	CHECKED & SOME GONE
comments: Tries to	NOT CHECK	and fix them Work Caught	as fast as possible
WITH THIS REPORT I CERTIFY T	THAT I HAVE INSPECTED T	HE OPERATION AND MAIN	TINANCE FOR THE MONTH OF
Seph Hoyeland		11-7 DATE	7-22 <u> </u>

Edmonson Co Water District Monthly Water Loss Report

•••		Brownsville WTP
Oct 2022	ll .	October-21 Totals
	\	October-21 Potats
A: Produced	39.1970 MG	36.474 MG
Purchased	MG	MG
Total	39.1970 MG	36.474 MG
_		
Sold Residential _	19.8552 MG	20.5633 MG
Wholesale	2.5309 MG	2.286 MG
Wax WTP	MG	MG
Total Sold	22.3861 MG	22.850 MG
B: Difference	16.8109 MG	13.625 MG
% Difference	42.89%	37.35%
Gallons Acctd For:		
Breaks	MG	MG
Hyd. Flushing _		MG
Tank Overflow		MG
Plant Use	0.5941 MG	0.529 MG
Fire Dept Use		MG
Adjustments +/-	MG	MG
Other (Wax)	MG	MG
C: Total Gallons Acctd For:	0.594 MG	0.529 MG
Loss Unacctd for Water (B-C)	16.217 MG	13.096 MG
% Loss Unacctd for (B-C)/A	41.37%	35.90%
` '		
Gallons / Day (+/-)	542,290	422,452
Gallons / Minute (+/-)	377	293
·		Past YTD Avg.
YTD Budget:	% Used	Loss: 36.91%
YTD Avg Loss: 40.51%		

13 Mth Loss Rpt Bville WTP



MONTHLY INSPECTION & REPORT FORM BROWNSVILLE TREATMENT PLANT

Gallons Pumped Gallons Sold Gallons Lost Percentage Loss GPM Loss	39.19 22.38 16.21 41.37%	<u>6</u> 7 6	Maximum Minimum I Average P	Pumped Pumped		1.519(1.025(1.264(<u> </u>
	37	<u>'</u>	Gallons Acc Tank Over Plant Use Computer Other Total	flow	r:	0.000 0.594 0.000 0.000 0.594	5
Booster Station Conditions		Poor	Fair		Caad		The same the same
Building & Grounds		 	Fair		_Good Good		_Excellent Excellent
Electrical & Telemetry		Poor	Fair		Good		Excellent
Piping and valves		Poor —	Fair		Good		Excellent
Pumps		Poor	Fair		Good		Excellent
Tanks Conditions		_Poor	Fair		_Good		Excellent
Site Condition		_Poor	Fair		_Good		Excellent
Evidence of overflow		_Yes	No				
Treatment Plant Appearance							
Buildings		Poor	Fair	x	Good		Excellent
Grounds		Poor	Fair	X	Good		Excellent
Intake		Poor	Fair	x	Good		Excellent
Road & entrance		Poor	Fair	x	Good		Excellent
Testing Done as required	x	Everyday	Almost ever	v dav		Some	Never
Housekeeping as required	×	Yes ' '	No No	, ,		_	
Mowing as required	<u>x</u>	Yes	No				
Proper reports filled out	X	Yes	No No		Sometim	es	
Equipment, pumps and etc. pro	oedy ma	intained	x Accord to n	naintenand	ce man.		Sometimes
Operator overseeing treatment	x	 Was available		x	_Was aw	ay from pl	ant occasionally
		_Was away fro	m plant more than	needed			
							
							
		· -					
					··········		
							
With this report I certify that I ha	ve perso	nally inspected	the operation and	mainten	ance for	the month	of
Oct 2022	and that	it is accurate to	the best of my ki				
Ti.	in T	rewste	z		44140	V2024	
	- 4		-		1 1/10	7/2021	
Operator						Date	

Edmonson Co Water District Monthly Water Loss Report

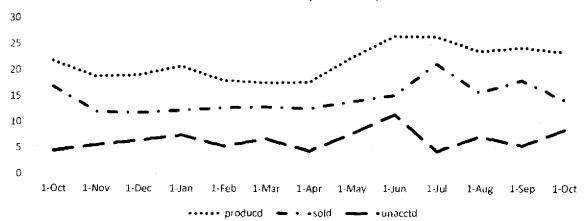
Erica

-1.		Wax	WTP
	Oct-22	Oct-21	Totals
A:	Produced	23.217 MG 21.883	MG
***	Purchased	0.158 MG 0.000	MG
	Total	23.375 MG 21.883	MG
	Sold Residential	14.195 MG 16.8890	MG
	Wholesale	MG	MG
		MG	MG
	Total Sold	14.195 MG 16.889	MG
B:	Difference	9.180 MG 4.994	MG
	% Difference	39.27% 22.82%	-
	Gallons Acctd For:]	
	Breaks	MG	MG
	Hyd. Flushing	MG	MG
	Tank Overflow	MG	MG
	Plant Use	0.761 MG 0.937	MG
	Fire Dept Use	MG	MG
	Adjustments +/-	MG	MG
	Other	MG	MG
C:	Total Gallons Acctd For:	0.761 MG 0.937	MG
	Loss Unacctd for Water (B-C)	8.419 MG 4.057	MG
	% Loss Unacctd for (B-C)/A	36.02%	
	Gallons / Day (+/-)	271,587130,878	<u>.</u>
	Gallons / Minute (+/-)	189 91	_

YTD Budget: \$314,372.00 86 % Used Past YTD: 83.00%

AVG YTD Loss:

13 month loss report wax plant



MONTHLY INSPECTION & REPORT FORM

wax treatment plant

Oct-22

•		TIEX LICUL						
						004 000		
allons Pumped	23.375		Maximum	_		884,000		
allons Sold	14.195		Minimum I			626,900		
allons Lost	8.419		Average P	,nwbeq		748,942		
ercentage Loss	36.02%							
PM Loss	189		_	ccounted for		^		
			Tank Ove	•		0		
			Plant Use			1.030		
			Computer	· Aaj		0		
			Other	,		1.030		
			Tota!	•		1.030		
ooster Station Conditions	Poor		_Fair	у	Good		Excellent	
uilding & Grounds	Poor		_Fair	y	Good		Excellent	
lectrical & Telemetry	Poor		Fair	у	Good		Excellent	
Piping and valves	Poor		Fair		Good		Excellent	
Pumps	Poor		_Fair	у	Good		Excellent	
anks Conditions	Poor		_Fair	у	Good		Excellent	
Site Condition	Poor		Fair	y	Good		Excellent	
vidence of overflow	Yes		_No		-			
reatment Plant Appearance								
Buildings	Pool	r	Fair	у	Good		Excellent	
Grounds	Pool		– Fair	у	Good		Excellent	
ntake -	Pool		– Fair	y_	Good		Excellent	
Road & entrance	Poor	r	Fair	у	Good		Excellent	
esting Done as required	y Eve	ryday	Almost eve	ery day		Some		Never
lousekeeping as required	y Yes	<u> </u>	- No	•		-		_
Nowing as required	y Yes		No.					
Proper reports filled out	y Yes		_No		Sometimes			
Equipment, pumps and etc. proper	dy maintained	у_	_Accord. to	maintenance i	man.		Sometime	es
0	187		Never		10/00 0000	. f 1	:	t
Operator overseeing treatment		s available while o	-		_ was away	from plant o	xccasionali	У
`~~~~	wva:	s away from plant	more than	needed				
Comments								
								
								
								
								
								
With this report I certify that I have	personally inst	ected the operation	on and mai	ntenance for	the month	nf		
Oct-22		curate to the best			and month			
				-y -				
chris graha	m 11-4-2022							

Operator

Date

MONTHLY WATER REPORT FOR THE OFFICE FOR THE MONTH OF

Oct 22nd

10681 payments receieved in office for the the mo	onth
2362 received from by mail	22.11% paid by mail
186 received by walk in	1.74% paid by walk in
43 received by credit card	0.40% paid by credit card
2611 received from bankdraft	24.45% paid by bankdraft
1047 received from drive thru	9.80% paid by drive thru
4160 received from online	38.95% paid online
272 received from n.d	2.55% paid by n.d.
26 was the most customers walk in payments	received 10/28/2022
75.00 Membership Fees Collected	40.00 Reconnect Fees Collected
21.34783 Tap Fees Collected	
11,277 Customer 34,142,000 Total Gallons Solo	d \$ 323,156.07 \$ Amount
2,530,900 Gals-City \$ 7,845.79 \$ Amount	\$ 149,250.74 Online Amount
	Compared to the compared to th
1436 Phone Calls Logged	367 Work Orders Prepared
	
Routes 1-10 Delinques ent Notices mailed	569
32 Customers Disconnected	\$ 0.95
4 Rehung same day	Cost Per 1,000 Gallons
AND THE PERSON OF THE PERSON O	
Routes 11-21 Delinquent Notices mailed	364
14 Customers Disconnected	
6 Rehung same day	
The Harlang Same day	
	dr b non
MONTHLY SEWER REPORT FOR THE OFFICE FOR THE M	MONTH OF Sep-22 OCT 22nd
MONTHER SEWEN NEPONT FOR THE OTTICE FOR THE W	300 22
56 Customers Rev	venue Received
210,000 Gallons Treated \$ 963.00 Cos	
2560 Gallons Treated 3 303.00 Cos	
	\$ 373.00
Customers Disconnected	
S	
Comments:	
· · · · · · · · · · · · · · · · · · · 	
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0	
C11(011NO)0	1110100
Mulle	11/0/00
SIGNATURE	DATE

November 22nd, 2022

ECWD

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

Minutes:

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

Budget:

Tony estimates our operating income for next year to be \$3,920,854 based on the 10 months of this year. He estimates another \$103,000 in revenue from the City and \$19,892 in sewer income for a total revenue amount of \$4,444,248. Salaries and bond payments for next year are our biggest expenses those come to \$1,356,766. Tony estimated a 10% increase in medical insurance and benefits. The estimated purchased power expense is \$300,000, materials and supplies expense \$572,785, and estimated chemical expenses at \$142,000. The total estimated expenses for 2023 is \$3,492,930. After including the depreciation expense of \$890,000 and removing grant funds received and carryover funds it shows us having a loss of \$284,000. Tony reported that he budgeted \$755,000 for capital expenditures this includes the purchase of land for the new plant and intake site. Tony also told the board that the company that offers the satellite leak detection is a sole source provider. It is not likely that there is another provider that provides this service but we will bid it because it is over the \$30,000 limit.

Motion made by Barry Rich to approve the 2023 budget, seconded by Greg Nugent. Motion carried, budget approved.

<u>Line Extension Agreement Submitted to the PSC:</u>

Tony reported that the line extension agreement changes had been submitted to the PSC. We are waiting for the response from the PSC. We did not have to advertise for this change. The new meter tap fee has also been submitted; we are looking to hear from it around the beginning of the year.

Dredging:

Tony reported that he received an email from Derick Rodgers and he has completed the application for the environmental study. The current proposal cost for dredging is \$512,000, that cost assumes that the

they will be able to dump back into the lake. Tony has applied for ear mark funding from Representative Guthrie's Office for dredging and for the new Wax Water Treatment Plant. Tony also reported that he could inquire about a grant writing firm. The board members think that would be a good idea.

Zoom Meeting with the Conservancy Group:

Tony reported that the Corps stated that they would not be removing the plug to do the test next year. They stated that the test is out of the question, and that nothing will be done until they can get a solution in place. They will get back with us about possible solutions, but they understand that the dam can't be taken out until we know that water will be available.

Engagement Letter from the Auditor:

We received the engagement letter from Campbell, Myers, and Rutledge the cost is \$18,000. Motion made by Greg Nugent, and seconded by Barry Rich to approve the engagement letter and proceed with Campbell, Myers, and Rutledge.

December Disconnects:

Motion made by Barry Rich and seconded by Greg Nugent to cease disconnects for the month of December due to the holidays.

Annual Review:

Next meeting the annual review will take place immediately following the board meeting.

Christmas Dinner:

It was decided that we will do a Christmas potluck during lunch. The Water District will purchase main dishes and employees can bring dies. This will be December 13th after the next board meeting.

Retro Pay:

Motion made to continue \$500 retro pay, and to pro rate \$125 per quarter for employees who have been employed less than a year by Barry Rich seconded by Greg Nugent. Motion carried.

Adjourn:

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

Jimpry Mills

Barry Rich

X

Gragniudent

December 13th, 2022

ECWD

<u>Present:</u> Jimmy Mills, Barry Rich, Greg Nugent, Tony Sanders, Tim Brewster, Nathan Taylor, Jeff Basham, Dylan Hazelwood, Erica Wolfe, Justin Coy

Minutes:

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

Annual Review:

Justin Coy's last day was Friday. He would like to discuss with the board his CDL contract. He is requesting that the board consider reducing his amount due.

Motion made by Greg Nugent and seconded by Barry Rich to go into executive session for the annual review. Motion passed.

Motion made by Greg Nugent and seconded by Barry Rich to come out of executive session. Motion passed.

O&M Reports:

Brownsville is reporting a water loss of 40.71% for the month of November. Wax plan is reporting a water loss of 30.21%. After all deduction distribution reports a total water loss of 33.97%. Tim Brewster reports that the grounds are in good shape and proper reports have been filled out. The painting and the floor have been done, and the cabinets have been installed. The floor in the office and bathroom just needs to be completed. Nathan Taylor reported that the grounds at Wax Plant are good and the housekeeping is good. Nathan reported that the divers came and cleaned out the clarifiers and trenched around the intake. Barry Rich asked about moving Wax's equipment indoors. Nathan reported that right now they did not have anywhere indoors to store the mowers. Tony reported that they may look into getting a small storage shed. Dylan reported on distribution; maintenance has been completed according to the manual, they are leak hunting daily, mostly small service line leaks. Erica reported on the office there were 11,319 customers at the end of November. We disconnected 23 customers on routes 1-10, and 22 customers on routes 11-21. Erica reported on the upcoming lead and copper surveys and the declaration of domicile forms that are being sent out to customers.

Financial Reports:

Tony reports that we have sold approximately 200 meters for the year and our bond coverage is at approximately 1.8. We are currently over budget. Tony reported that we were making more than we were spending in sewer, there are very few sewer expenses at this time. A list of checks for the month of November were given to the commissioners.

Check Approval:

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

New Employee:

Tony reported that a new employee has been hired, he starts on Monday. He has his CDLs and has been an equipment operator for over 20 years.

Budget Amendment:

Tony reported that we will need to amend the O&M expenditures by \$7,303 and increase the revenue by \$187,107 to accurately reflect our budget for the year. Motion by Barry Rich to amend the budget from our most recent amendment, seconded by Greg Nugent. Motion carried.

PSC/Line Extension Form:

Tony reported that he spoke with Daniel Hinton with the PSC and that the commission wants us to strike the one sentence and resubmit the request. Tony read aloud the sentence in question. Motion made by Greg Nugent and seconded by Barry Rich to strike the sentence. Motion carried.

Windstream Invoices:

Tony has tried to get in contact with Windstream to discuss invoices that we would like to dispute, but has continually had issues reaching someone. Tom will reach out to them in writing.

Warning/Weather Siren:

Grayson County Emergency Services would like to put an alert siren on Powell tank. Tony reports that he will tell them no welding or drilling. Tom to write up an agreement. Motion made by Greg Nugent and seconded by Barry Rich to allow this. Motion carried.

Nature Conservancy:

Tony reported that he has spoke with the Nature Conservancy and they have found a 2-million-dollar grant that we may be eligible for. They asked if we would prefer a new tower or a submersible pump. Tony told him we would prefer a new tower, Tony reported that Louis chimed in that a new tower may be more like 5-10 million. There is no decision yet on how things will proceed. Tony reports that he has not heard from the Corps any more about the dredging.

Grayson County Fiscal Court:

Grayson County fiscal court would like to install 10 hydrants. Tony will get the contracts together and take an invoice to Fiscal Court for approval. They will pay the deposit and then be billed the actual cost.

J. Coy CDL:

After discussion from the board they have decided to give Justin his retro pay, since he did work nearly the whole year. However, they are asking that he honor the contract and that he pay the remaining \$2,700 as he is able. Tony Sanders to work out a payment agreement with him.

Elmore Vacation Request:

After discussion from the Board they would like to give Latisha Elmore an additional two weeks' vacation, which would put her back up to the 3 weeks' vacation she had when she left. Motion made by Barry Rich and seconded by Greg Nugent to give her the 3 weeks that she had when she left.

Wax Plant:

The board of commissioners requests a meeting with the department heads at Wax Plant and Tim Brewster. Meeting to occur after the next board meeting.

Management Institute Training with KRWA:

Jeff and Erica to be considered for management training with KRWA.

Adjourn:

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

X	X	
Jimmy Mills	Barry Rich	
V		

Greg Nugent

December 13, 2022

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

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

Jimmy Mils

Barry Rich

Gregory Nument

	PUBLIC	SERVICE COMM	SSION	
	M	onthly Water Loss Report	t	
		Edmonson County W	ater District	
Water U	tility:	Edmonson County VV	ater District	
For the I	Month of:	NOV	/ear:	2022
LINE#		ITEM	GALLO	NS (Omit 000's
1	WATER PRODUCED	AND PURCHASED		
2	Water Produced			57,141,000
3	Water Purchased			
4		TOTAL PRODUCED AND PURCHA	ASED	57,141,000
5				
6	WATER SALES			66 156 15
7	Residential			32,472,100
8	Commercial			
9	Industrial			
10	Bulk Loading Stations		_	0.404.60
11	Wholesale		-	2,191,60
12	Public Authorities			
13	Other Sales (explain)	TOTAL WATER S.	AI EC	34,663,700
14		TOTAL WATER S	ALES	34,003,700
15 16	OTHER WATER USE			
17				1,364,100
18	Utility and/or Water Tre Wastewater Plant	eatment Plant		1,304,100
19	System Flushing			1 222 10
20	Fire Department			1,222,100
21	Other Usage (explain)	* PUMPS *		48000
22	Other obage (explain)	TOTAL OTHER WATER	USED	3,066,70
23			- PR-20-200	0,000,10
24	WATER LOSS			
25	Tank Overflows			126,000
26	Line Breaks			2,836,310
27	Line Leaks			16,448,29
28	Excavation Damages			
29	Theft			
30	Other Loss			
31		TOTAL WATER	LOSS	19,410,600
32				
33	Note: Line 14 + Line 2	22 + Line 31 MUST Equal Line 4		
34				
35	WATER LOSS PERC	ENTAGE		
36	(Line 31 divided by Lin	ne 4)	1-04-6	33.97

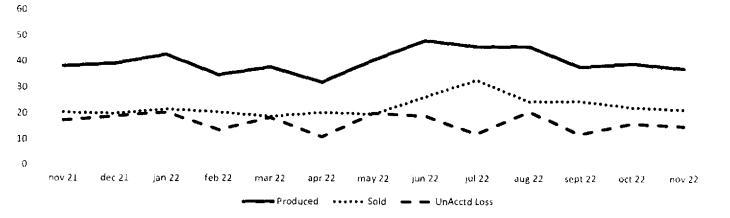
MONTHLY INSPECTION & REPORT FORM DISTRIBUTION LINE

✓ YESPOORPOORPOOR	NO		ARTLY	
POOR		00		
POOR POOR POOR POOR POOR POOR POOR SOME	FAIR FAIR FAIR FAIR FAIR FAIR FAIR FAIR	G()	DOD DOD DOD	EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT EXCELLENT
YES		NO.		
		CH	HECKED & SOMI	E GONE
		CH	HECKED & SOMI	E GONE
teep all hooking for	10.1 1	Ja- 4	, locates,	and
	·			
AT I HAVE INSPECTED	THE OPERATION A			NTH OF
	POOR POOR POOR POOR POOR POOR POOR EVERY DA SOME YES CHECKED NOT CHECK NOT CHECK LOOK TO	POOR FAIR POOR F	POOR FAIR GO POOR	POOR FAIR GOOD EVERY DAY ALMOST EVERY DAY SOME NEVER YES NO CHECKED & BALANCED CHECKED & SOM NOT CHECKED CHECKED & BALANCED CHECKED & SOM NOT CHECKED CHECKED & BALANCED CHECKED & SOM NOT CHECKED

Edmonson Co Water District Monthly Water Loss Report

			November -	-20 Total
A:	Produced	37.2070 MG		8.1940 MG
	Purchased	MG		MG
	Total	37.2070 MG		88.1940 MG
	Sold Residential	19.2631 MG		17.1108 MG
	Wholesale	2.1916 MG		3.2990 MG
	Wax WTP	MG		MG
	Total Sold	21.4547 MG		20.4098 MG
B:	Difference	15.7523 MG		17.7842 MG
	% Difference	42.34%		46.56%
	Gallons Acctd For:			
	Breaks	MG		МG
	Hyd. Flushing		<u></u>	MG
	Tank Overflow	MG		MG
	Plant Use	0.6035 MG		0.4922 MG
	Fire Dept Use			MG
	Adjustments +/-		}	MG
	Wax	MG	<u> </u>	MG
C:	Total Gallons Acctd I	0.6035 MG		0.492 MG
	Loss Unacctd for Wa			17.292 MG
	% Loss Unacctd for (40.71%	<u></u>	45.27%
	Galions / Day (+/			556,867
	Gallons / Minute (+	401	<u> </u>	387
	YTD Budget: Cur	Mth	Past YTD Avg. Loss: ——	37.67%

13 Mth Loss Rpt Bville WTP



MONTHLY INSPECTION & REPORT FORM BROWNSVILLE TREATMENT PLANT

Gallons Pumped	37.2	207	Maximu	m Pumped		1.90	12	
Gallons Sold	21.4	155		n Pumped	-	0.86		
Gallons Lost	15.1	49		Average Pumped			10	
Percentage Loss	40.7	1%				1.4		
GPM Loss	4	101	Gallons A	ccounted for				
-		-	Tank Ov			0.00	00	
			Plant Us			0.60		
			Compute			0.00		
			Other	ar r toj.		0.00		
			Total			0.60	_	
						0.00	<u>-</u>	
Booster Station Conditions		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	
Tanks Conditions		Poor	Fair		Good		Excellent	
Site Condition		Poor	Fair		Good		Excellent	
Evidence of overflow		Yes	No		-0.00			
Freatment Plant Appearance								
Buildings		Poor	Fair	×	Good		Excellent	
Grounds		Poor	Fair	×	Good		Excellent	
ntake		Poor	Fair	×	Good	-	Excellent	
Road & entrance		Poor	Fair	×	Good		Excellent	
Testing Done as required	×	Everyday	Almost ev	erv dav		Some		Never
Housekeeping as required	×	Yes	No	.,,,				11010
Mowing as required	×	Yes	No					
Proper reports filled out	×	Yes	No		Sometime	es		
Equipment, pumps and etc. prope	rly mainta	ained	x Accord. to	maintenance	e man.		Sometimes	5
Control of the contro			Never			-		
Operator overseeing treatment	×	Was available w	while on duty	×	Was awa	y from plant	occasionally	
		Was away from	plant more than	needed				
Comments:								
Painting and Floor finish has been	complete	ed						
Cabinets have been installed								
								Prod
								Sold

rtify that I have personally inspected the operation and maintenance for the month of
and that it is accurate to the best of my knowledge.

Tim Brewster

12/7/2021

Operator

Date

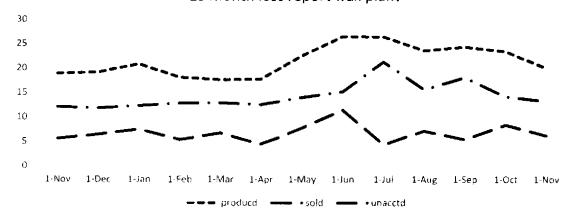
Edmonson Co Water District Monthly Water Loss Report

			Wax	WTP	
	Nov-2	2		_	
			Nov-21	Totals	i
A:	Produced	19.934 MG	18.86	4 MG	1,07, MOR
	Purchased	0.000 MG		0 MG	• • • • •
	Total	19.934 MG	18.86		
	Sold Residenti	al 13.209 MG	12.087	0 MG	122200
	Wholesa			MG	
		MG MG	·	MG	
	Total Sold	13.209 MG	12.08	<u>7</u> мG	
B:	Difference	6.725 MG	6.77	7 MG	
	% Difference	33.74%	35.93%	<u>6</u>	2.198
	Gallons Acctd For:				
	Break	rsMG		_MG	
	Hyd. Flushir.	ngMG		MG	
	Tank Overflo			0 MG	
	Plant Us	e <u>0.703</u> MG	0.84	7 MG	144000
	Fire Dept Us	seMG		MG	~
	Adjustments +	/MG		MG	
	Othe	erMG	-	_MG	
C:	Total Gallons Acctd For:	0.703 MG	0.84	7 MG	
	Loss Unacctd for Water (B-C	6.022 MG	5.93	0 MG	
	% Loss Unacctd for (B-C)/A	30.21%	31.449	<u>/6</u>	1.23%/e
	Gallons / Day (+/-)	200,743	197,66	<u>7</u>	1.237/e
	Gallons / Minute (+/-)	139	13	7	, ware

-		

AVG YTD Loss:

13 month loss report wax plant



MONTHLY INSPECTION & REPORT FORM

Date

		wax	k treatme	ent pia	nt			Nov-22	
Gallons Pumped Gallons Sold Gallons Lost Percentage Loss GPM Loss	19.934 13.209 6.022 30.21%		Maximum Pumped Minimum Pumped Average Pumped			=	751,200 548,400 664,477		
GPM Loss	139		Ta PI Co Of	allons Ad ank Over lant Use omputer ther otal		Dr.	0.9	0	
Booster Station Conditions		Poor	Fa	iir	у	Good		Excellent	
Building & Grounds		Poor	Fa	ir	у	Good		Excellent	
Electrical & Telemetry		Poor	Fa	ir	у	Good		Excellent	
Piping and valves		Poor	Fa		у	Good		Excellent	
Pumps	-	Poor	Fa	iir	у	Good	-	Excellent	
Tanks Conditions	-	Poor	Fa	iir	у	Good		Excellent	
Site Condition		Poor	Fa	iir	У	Good		Excellent	
Evidence of overflow		Yes	No)		_		_	
Treatment Plant Appearance									
Buildings		Poor	Fa	iir	У	Good		Excellent	
Grounds		Poor	Fa	ir	У	Good		Excellent	
ntake		Poor	Fa	ir	у	Good		Excellent	
Road & entrance		Poor	Fa	iir	у	Good		Excellent	
Testing Done as required	у	Everyday	Alı	most ever	y day		Some	Neve	
Housekeeping as required		Yes	No						
Mowing as required	у	Yes	No.)					
Proper reports filled out	у	Yes	No	,		Sometime	es		
Equipment, pumps and etc. prop	perly maintaine	ed		cord. to n	naintenance	man.	-	Sometimes	
		Mas susilable			у	Was aw	av from plan		
Operator overseeing treatment		Was available	Willie Oil G			_ ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ay month pian	t occasionally	

Operator