

**NOTICE OF PUBLIC MEETING  
LORENA CITY COUNCIL  
MONDAY, APRIL 15, 2024 6:30 P.M.  
LORENA CITY HALL  
107-A S. FRONTAGE ROAD, LORENA TEXAS**

THE PUBLIC WILL BE ABLE TO JOIN THE MEETING BY VIDEOCONFERENCING  
AT THE FOLLOWING LINK <https://meet.goto.com/276695901>

The City Council Meeting will be opened to the public.

Questions and comments on items listed on the agenda may be emailed no later than  
NOON on the day of the meeting to the City Secretary Monica Hendrix via email to  
[mhendrix@lorenatx.gov](mailto:mhendrix@lorenatx.gov)

**AGENDA**

- 1. Call to Order/Roll Call.**
- 2. Pledge of Allegiance.**
- 3. Citizens questions or comments.**  
*At this time any person with business before the Council not scheduled on the agenda may speak to the Council. Comments are limited to three (3) minutes, and this time is not transferable. Under the Texas Open Meetings Act, the Council is prohibited from discussing, responding, or acting on any comments or items that have not been properly posted on the agenda. This forum is limited to a total of 30 minutes.*
- 4. Approval of Minutes:**
  - a. March 18, 2024**
- 5. Presentaion of ten-year service award to Raquel "Rocki" Blood.**
- 6. Introduction and Oath of Office to new School Resource Officer Mike Drummond.**
- 7. Presentation of Summary of Cash and Investments and quarterly budget reports ending 3/31/2024.**
- 8. Discussion and possible action on Ordinance 2024-0415-01 adopting a Water Conservation Plan for the City of Lorena.**
- 9. Discussion and possible action on Ordinance 2024-0415-02 adopting a Drought Contingency Plan for the City of Lorena.**
- 10. Police Department Report.**
  - 1. Mar 2024 Monthly report**
- 11. City Manager Report.**
  - 1. Solar Eclipse after action review.**
  - 2. Street project update.**
  - 3. Policy Manual review update.**
  - 4. Ongoing development progress update.**
  - 5. City administrative offices will be closed April 24, 2024.**
- 12. Future Agenda Items.**
- 13. Adjourn**

I, the undersigned authority, do hereby certify that the above Notice of Meeting of the governing body of the City of Lorena, Texas, was posted on the front door at the Lorena City Hall and the city website at on April 11, 2024.



Monica Hendrix-City Secretary

PURSUANT TO SECTION 551.127 OF THE TEXAS GOVERNMENT CODE, AND IN CONJUNCTION WITH THE GUIDANCE AND PROVISIONS PROVIDED BY THE GOVERNOR OF TEXAS IN THE DECLARATION OF DISASTER ENACTED MARCH 13, 2020, MEMBERS OF THE CITY COUNCIL MAY BE PARTICIPATING REMOTELY IN COMPLIANCE WITH THE TEXAS OPEN MEETINGS ACT, AS TEMPORARILY MODIFIED BY THE GOVERNOR.

***Attendance by Other Elected or Appointed Officials – NOTICE OF POSSIBLE QUORUM: It is anticipated that members of City Council or other city board, commissions and/or committees may attend the meeting in numbers that may constitute a quorum of the other city boards, commissions and/or committees. Notice is hereby given that the meeting, to the extent required by law, is also noticed as a meeting of the other boards, commissions and/or committees of the City, whose members may be in attendance. The members of the boards, commissions and/or committees may participate in discussions on the same items listed on the agenda, which occur at the meeting, but no action will be taken by such in attendance unless such item and action is specifically provided for on an agenda for that board, commission or committee subject to the Texas Open Meetings Act.***

In compliance with the American with Disabilities Act, the City of Lorena will provide reasonable accommodations for persons attending and/or participating in City Council meetings. The facility is wheelchair accessible, with handicap parking available at the side of the building. Requests for sign interpreters or special services must be received seventy-two (72) hours prior to the meeting by calling the City Secretary at 254-857-4641.

#### **PROCEDURES FOR CITIZEN PARTICIPATION AT MEETINGS**

The meetings will be streamed live on the City of Lorena's Facebook page.

Citizens who wish to address the Council on any item on the agenda or under the hearing of visitors, must submit questions via email to the City Secretary Monica Hendrix @ [mhendrix@lorenatx.gov](mailto:mhendrix@lorenatx.gov) or in person at Lorena City Hall at 107-A S. Frontage Road by NOON on the day of the meeting. Your comments will be read into the records during the meeting.

Council may not comment publicly on issues raised during citizen comments that are not listed on the agenda but may direct the City Manager to resolve or request the matter to be placed on a future agenda. Such public comments shall not include any "deliberation" as defined by Chapter 551 of the Government Code, as now or hereafter amended.

**NOTICE OF PUBLIC MEETING  
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**MINUTES**

**1. Call to Order/Roll Call.**

Mayor Ross called the meeting to order at 6:30 p.m. Council members present were Mayor Tommy Ross, Jason Blaneck, Katrina George, Emily McKenzie and Brad Wetzell. Kelly Yarbrough was present via teleconference.

City Staff present were Monica Hendrix, Scott Holt, Kevin Neal and Peter Rivas.

**2. Pledge of Allegiance.**

Mayor Ross led the Pledge of Allegiance.

**3. Citizens questions or comments.**

*At this time any person with business before the Council not scheduled on the agenda may speak to the Council. Comments are limited to three (3) minutes, and this time is not transferable. Under the Texas Open Meetings Act, the Council is prohibited from discussing, responding, or acting on any comments or items that have not been properly posted on the agenda. This forum is limited to a total of 30 minutes.*  
No comments were received.

**4. Approval of Minutes:**

**a. February 26, 2024**

MOTION: Katrina George motioned to approve the February 26, 2024 council minutes.

SECOND: Jason Blaneck

FOR: Blaneck, George, Wetzell and Yarbrough

AGAINST: none

ABSTAIN: Emily McKenzie

ABSENT: none

Motion carried.

**5. Discussion and possible action on Ordinance 2024-0318-01 cancelling the May 4, 2024 General election for the three alderman at large.**

Mayor Ross explained the incumbents are running unopposed to this will cancel that portion of the election.

MOTION: Brad Wetzel motioned to approve the ordinance and cancel the election for the three alderman at large.

SECOND: Katrina George

Monica Hendrix explained these names will still be on the ballot but will show Uncontested Candidates Declared Elected.

FOR: Blaneck, George, McKenzie, Wetzel and Yarbough

AGAINST: none

ABSENT: none

Motion carried.

**6. Discussion and possible action authorizing the election contract with McLennan County Election Administration for the May 4, 2024 special election.**

Mayor Ross explained this is an election to move 75% of the EDC sales tax to the street and maintenance fund. Ross explained this election will be a joint election with Lorena ISD and other local cities and schools within McLennan County holding elections.

MOTION: Emily McKenzie motioned to authorize the election contract with McLennan County Election Administration for the May 4, 2024 special election.

SECOND: Brad Wetzel

FOR: Blaneck, George, McKenzie, Wetzel and Yarbough.

AGAINST: none

ABSENT: none

Motion carried.

**7. Police Department Report.**

**1. Feb 2024 Monthly report**

Chief Holt informed council the February report is in the council packet and he will be happy to answer any questions council may have.

Mayor Ross asked Holt if the PD was ready for April 8<sup>th</sup>, total eclipse day. Chief Holt explained he has attended several meetings with the county on preparedness for the anticipated influx of people coming to the area for the event. There is information on the city website and Facebook page with recommendations for preparedness for citizens to review. Holt says 70 plus emails were sent out to business owners in and around Lorena as well.

Holt also informed council a new School Resource Officer, Michael Drummond was hired to replace outgoing SRO Hannah Perry.

**8. City Manager Report.**

**1. Street Project Update.**

City Manager Kevin Neal reported the drainage at Williams and N. Houston needs to be completed. Very close to finishing up, all utilities have been moved and completion of punch list is ongoing. Neal says he is hoping this project will be completed by next council meeting.

**2. Year 2 of PCED training complete.**

Neal attended year two of training in the Woodlands. Has one year left and can sit for PCED certification next year after completion of that course.

**3. Session 2 of William "King" Cole training (April 4<sup>th</sup> & 5<sup>th</sup>).**

Neal will be attending training in San Antonio next month. Plans to leave on April 3<sup>rd</sup> but will be back in town on Friday evening before the Eclipse weekend.

**4. City administrative offices will be closed April 8, 2024.**

City Offices will be closed on Eclipse day as we follow the Lorena ISD schedule for closures. Neal also reported that County office are closing on this day as well.

**9. Future Agenda Items.**

## 10. Adjourn

Due to no further business the meeting adjourned at 6:42 p.m.

These minutes were approved this 15<sup>th</sup> day of April 2024.

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Tommy Ross, Mayor

Attest:

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Monica Hendrix-City Secretary

City of Lorena  
Combined Funds  
**March 31, 2024**

	Page #	FUND #	Total Revenues	Total Expenditures	Net Rev/Exp
General Fund	2	10	1,250,056.81	953,711.87	296,344.94
Designated Revenue Fund	3	15	55.01	41,341.23	(41,286.22)
Economic Development Fund	4	20	130,432.67	75,869.41	54,563.26
TIRZ Debt Service Fund	5	24	175,974.75	175,974.75	-
TIRZ Project Fund	6	25	140,436.43	179,974.75	(39,538.32)
Gen Fund Capital Project Fund	7	30	143,753.25	1,772,312.94	(1,628,559.69)
Gen Fund Debt Service Fund	8	40	312,226.42	231,200.00	81,026.42
Utility Fund	9	50	1,081,753.42	961,051.54	120,701.88
Sanitation Fund	10	51	140,259.87	111,521.38	28,738.49
ARPA Grant Fund	11	52	40,210.00	40,260.00	(50.00)
Utility Fund Capital Project Fund	12	53	94,024.68	83,063.00	10,961.68
Utility Fund Debt Service Fund	13	54	112,716.63	42,800.01	69,916.62
COMBINED FUNDS			3,621,954.95	4,710,422.11	(1,088,467.16)



City of Lorena  
General Fund - Fund 10  
March 31, 2024

	10/01/23 Budget	12/31/23 YTD	Jan-24	Feb-24	Mar-24	Quarter Total	03/31/24 YTD	Remaining Budget	
Property Taxes	634,313.00	377,782.58	210,668.31	44,114.44	(31,426.79)	223,355.96	601,138.54	33,174.46	5.23%
Miscellaneous Taxes	320,200.00	114,214.61	42,682.79	48,356.96	32,271.56	123,311.31	237,525.92	82,674.08	25.82%
Franchise Taxes	251,400.00	72,081.96	7,302.11	41,168.61	19,285.82	67,756.54	139,838.50	111,561.50	44.38%
Permits	25,000.00	11,016.50	740.97	907.35	1,836.23	3,484.55	14,501.05	10,498.95	42.00%
Intergovernmental Revenue	265,457.00	537.83	64,306.50	-	-	64,306.50	64,844.33	200,612.67	75.57%
Charges & Fees	4,357.00	9,551.62	27,503.47	2,366.60	445.15	30,315.22	39,866.84	(35,509.84)	-815.01%
Fines	220,000.00	40,906.12	19,742.83	23,090.57	19,981.80	62,815.20	103,721.32	116,278.68	52.85%
Interest	25,000.00	9,254.84	3,141.13	3,378.50	3,697.08	10,216.71	19,471.55	5,528.45	22.11%
Other Revenues	58,144.00	14,460.92	4,964.96	4,852.96	4,869.92	14,687.84	29,148.76	28,995.24	49.87%
<b>Total Revenues</b>	<b>1,803,871.00</b>	<b>649,806.98</b>	<b>381,053.07</b>	<b>168,235.99</b>	<b>50,960.77</b>	<b>600,249.83</b>	<b>1,250,056.81</b>	<b>553,814.19</b>	<b>30.70%</b>
Administration	587,515.00	157,387.95	54,225.74	53,313.74	50,612.04	158,151.52	315,539.47	271,975.53	46.29%
Police	1,119,403.00	293,353.67	108,788.71	97,995.13	82,980.22	289,764.06	583,117.73	536,285.27	47.91%
Volunteer Fire	43,195.00	15,768.28	3,281.59	9,754.69	2,016.32	15,052.60	30,820.88	12,374.12	28.65%
Streets & Parks	53,758.00	9,010.17	2,191.33	9,726.89	3,305.40	15,223.62	24,233.79	29,524.21	54.92%
<b>Total Expenditures</b>	<b>1,803,871.00</b>	<b>475,520.07</b>	<b>168,487.37</b>	<b>170,790.45</b>	<b>138,913.98</b>	<b>478,191.80</b>	<b>953,711.87</b>	<b>850,159.13</b>	<b>47.13%</b>
<b>Net Rev/Expend</b>	<b>-</b>	<b>174,286.91</b>	<b>212,565.70</b>	<b>(2,554.46)</b>	<b>(87,953.21)</b>	<b>122,058.03</b>	<b>296,344.94</b>	<b>(296,344.94)</b>	

Property Taxes:	Semi-Annual allocation to TIRZ per McLennan Co (Mar)
Miscellaneous Taxes:	Sales Tax (Feb for quarter ended Dec)
Franchise Taxes:	Electric (quarterly, Feb and annual adj, Mar), Communications (quarterly, Feb), Atmos (Mar)
Intergovernmental Revenue	Includes LISD reimbursement (Jan)
Charges and Fees:	Development Review - Rosenthal (Jan)
Fines:	Revenue reports collections (not citations)
Interest:	
All Departments:	3 pay periods (Jan)
Administration:	Audit Fee (Feb)
Police:	SRO Sign on bonus (Mar), dispatch annual pmt (Feb), SRO Sign on bonus reimb (Mar)
Volunteer Fire:	Dispatch annual pmt (Feb), Workers Comp audit adj (Jan)
Streets & Parks:	Street Repair and Maint (Feb)

City of Lorena  
Designated Revenue Fund - Fund 15  
March 31, 2024

	10/01/23 Budget	12/31/23 YTD	Jan-24	Feb-24	Mar-24	Quarter Total	03/31/24 YTD	Remaining Budget	
Interest	-	37.43	11.80	2.80	2.98	17.58	55.01	(55.01)	100.00%
Total Revenues	-	37.43	11.80	2.80	2.98	17.58	55.01	(55.01)	100.00%
State Forfeiture						-	-	-	0.00%
Treasury Forfeiture	10,000.00	4,206.00	24,561.00	4,735.00	7,302.46	36,598.46	40,804.46	(30,804.46)	-308.04%
Opioid Abatement	-	-	491.80	44.97	-	536.77	536.77	(536.77)	100.00%
Total Expenditures	10,000.00	4,206.00	25,052.80	4,779.97	7,302.46	37,135.23	41,341.23	(31,341.23)	-313.41%
Net Rev/Expend	(10,000.00)	(4,168.57)	(25,041.00)	(4,777.17)	(7,299.48)	(37,117.65)	(41,286.22)	31,286.22	

NEW FUND CREATED TO RECORD FORFEITURE EXPENDITURES

Treasury Forfeiture	Equipment for vehicles above budgeted in Equipment reserve fund
Opioid Abatement	drug testing supplies



City of Lorena  
Economic Development Corporation - Fund 20  
March 31, 2024

	10/01/23 Budget	12/31/23 YTD	Jan-24	Feb-24	Mar-24	Quarter Total	03/31/24 YTD	Remaining Budget	
Miscellaneous Taxes	200,000.00	57,082.39	21,332.46	24,168.67	16,126.46	61,627.59	118,709.98	81,290.02	40.65%
Grants	-	-	-	-	-	-	-	-	0.00%
Interest	15,000.00	5,890.16	1,986.72	1,856.43	1,989.38	5,832.53	11,722.69	3,277.31	21.85%
Other Revenues	-	-	-	-	-	-	-	-	0.00%
Total Revenues	215,000.00	62,972.55	23,319.18	26,025.10	18,115.84	67,460.12	130,432.67	84,567.33	39.33%
Economic Development	329,093.00	71,297.51	400.00	3,115.00	1,056.90	4,571.90	75,869.41	253,223.59	76.95%
Total Expenditures	329,093.00	71,297.51	400.00	3,115.00	1,056.90	4,571.90	75,869.41	253,223.59	76.95%
Net Rev/Expend	(114,093.00)	(8,324.96)	22,919.18	22,910.10	17,058.94	62,888.22	54,563.26	(168,656.26)	
Miscellaneous Taxes:	Sales Tax (Feb for quarter ended Dec)								
Economic Development:	Audit (Feb) and Legal (Feb and Mar)								

City of Lorena  
TIRZ #1 East Debt Service - Fund 24  
March 31, 2024

	10/01/23 Budget	12/31/23 YTD	Jan-24	Feb-24	Mar-24	Quarter Total	03/31/24 YTD	Remaining Budget	
Property Taxes	-		-	-	-	-	-	-	0.00%
Miscellaneous Taxes	-		-	-	-	-	-	-	0.00%
Other Revenue	247,893.00	-	-	175,974.75	-	175,974.75	175,974.75	71,918.25	29.01%
<b>Total Revenues</b>	<b>247,893.00</b>	<b>-</b>	<b>-</b>	<b>175,974.75</b>	<b>-</b>	<b>175,974.75</b>	<b>175,974.75</b>	<b>71,918.25</b>	<b>29.01%</b>
 TIRZ CO 2017	 152,668.00	 -	 107,612.25	 -	 -	 107,612.25	 107,612.25	 45,055.75	 29.51%
TIRZ CO 2018	95,225.00	-	68,362.50	-	-	68,362.50	68,362.50	26,862.50	28.21%
<b>Total Expenditures</b>	<b>247,893.00</b>	<b>-</b>	<b>175,974.75</b>	<b>-</b>	<b>-</b>	<b>175,974.75</b>	<b>175,974.75</b>	<b>71,918.25</b>	<b>29.01%</b>
<b>Net Rev/Expend</b>	<b>-</b>	<b>-</b>	<b>(175,974.75)</b>	<b>175,974.75</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
Other Rev:	Transfer from TIRZ for Debt Service								
TIRZ CO 2017:	Semiannual Debt Service Pmt								
TIRZ CO 2018:	Semiannual Debt Service Pmt								

City of Lorena  
TIRZ #1 East Project Fund - Fund 25  
March 31, 2024

	10/01/23 Budget	12/31/23 YTD	Jan-24	Feb-24	Mar-24	Quarter Total	03/31/24 YTD	Remaining Budget	
Property Tax	110,099.00	-	-	-	59,374.28	59,374.28	59,374.28	50,724.72	46.07%
Misc Taxes	52,500.00	-	-	-	-	-	-	52,500.00	100.00%
Contributions	222,500.00	-	-	-	-	-	-	222,500.00	100.00%
Interest	-	3,038.04	1,028.82	963.15	1,032.14	3,024.11	6,062.15	(6,062.15)	100.00%
Other Revenue	144,900.00	-	-	75,000.00	-	75,000.00	75,000.00	69,900.00	48.24%
<b>Total Revenues</b>	<b>529,999.00</b>	<b>3,038.04</b>	<b>1,028.82</b>	<b>75,963.15</b>	<b>60,406.42</b>	<b>137,398.39</b>	<b>140,436.43</b>	<b>389,562.57</b>	<b>73.50%</b>
Administration	39,500.00	4,000.00	-	-	-	-	4,000.00	35,500.00	89.87%
Sanitary Sewer Proj	152,668.00	-	-	107,612.25	-	107,612.25	107,612.25	45,055.75	29.51%
Basin G Exp Proj	95,225.00	-	-	68,362.50	-	68,362.50	68,362.50	26,862.50	28.21%
<b>Total Expenditures</b>	<b>287,393.00</b>	<b>4,000.00</b>	<b>-</b>	<b>175,974.75</b>	<b>-</b>	<b>175,974.75</b>	<b>179,974.75</b>	<b>107,418.25</b>	<b>37.38%</b>
<b>Net Rev/Expend</b>	<b>242,606.00</b>	<b>(961.96)</b>	<b>1,028.82</b>	<b>(100,011.60)</b>	<b>60,406.42</b>	<b>(38,576.36)</b>	<b>(39,538.32)</b>	<b>282,144.32</b>	

Income: Semi-Annual allocation to TIRZ per McLennan Co (Mar)  
Expenditures: Semi-annual transfers from TIRZ fund for Debt Service pmts

City of Lorena  
General Fund Capital Projects - Fund 30  
March 31, 2024

	10/01/23 Budget	12/31/23 YTD	Jan-24	Feb-24	Mar-24	Quarter Total	03/31/24 YTD	Remaining Budget	
Intergovernmental Revenue	-	-	-	-	-	-	-	-	0.00%
Fines & Contributions				21,735.55	-	21,735.55	21,735.55	(21,735.55)	100.00%
Interest	95,480.00	43,023.52	9,543.98	8,372.09	8,271.11	26,187.18	69,210.70	26,269.30	27.51%
Other Revenues	112,757.00	25,689.00	8,563.00	8,563.00	9,992.00	27,118.00	52,807.00	59,950.00	53.17%
Total Revenues	208,237.00	68,712.52	18,106.98	38,670.64	18,263.11	75,040.73	143,753.25	64,483.75	30.97%
Building/Cap Proj	205,000.00	-	-	-	-	-	-	205,000.00	100.00%
Administration	5,000.00	3,250.00		-	1,680.00	1,680.00	4,930.00	70.00	1.40%
Police	70,160.00	63,782.71	(23,396.00)	-	-	(23,396.00)	40,386.71	29,773.29	42.44%
Streets & Parks	130,352.00	78,447.87	28,298.85	6,147.50	-	34,446.35	112,894.22	17,457.78	13.39%
Street Bond Funds	2,593,076.00	1,054,507.28	448,415.38	105,979.35	5,200.00	559,594.73	1,614,102.01	978,973.99	37.75%
Total Expenditures	3,003,588.00	1,199,987.86	453,318.23	112,126.85	6,880.00	572,325.08	1,772,312.94	1,231,275.06	40.99%
Net Rev/Expend	(2,795,351.00)	(1,131,275.34)	(435,211.25)	(73,456.21)	11,383.11	(497,284.35)	(1,628,559.69)	(1,166,791.31)	
Fines & Contributions:	Park Land Dedication (Feb)								
Interest:									
Bldg/Cap Proj:									
Administration	INCODE Time Entry and ESS (Mar)								
Police	Used Vehicle (Oct), Equip Vehicles (Dec) - Transfer over budget amounts to forfeiture budget (Jan)								
Streets & Parks:	Old Temple bridge Construction and Engineering								
Street Reserve									
Street Bond Funds	Engineering and Construction								

City of Lorena  
General Fund Debt Service - Fund 40  
March 31, 2024

	10/01/23 Budget	12/31/23 YTD	Jan-24	Feb-24	Mar-24	Quarter Total	03/31/24 YTD	Remaining Budget	
Property Taxes	327,700.00	195,373.59	108,968.00	22,812.45	(15,933.28)	115,847.17	311,220.76	16,479.24	5.03%
Interest	2,000.00	507.78	171.95	153.46	172.47	497.88	1,005.66	994.34	49.72%
Other Revenues	-	-	-			-	-	-	0.00%
Total Revenues	329,700.00	195,881.37	109,139.95	22,965.91	(15,760.81)	116,345.05	312,226.42	17,473.58	5.30%
Debt Service	325,200.00	-	231,200.00	-	-	231,200.00	231,200.00	94,000.00	28.91%
Total Expenditures	325,200.00	-	231,200.00	-	-	231,200.00	231,200.00	94,000.00	28.91%
Net Rev/Expend	4,500.00	195,881.37	(122,060.05)	22,965.91	(15,760.81)	(114,854.95)	81,026.42	(76,526.42)	

Property Taxes: Semi-Annual allocation to TIRZ per McLennan Co (Mar)  
Interest:  
Debt Service: Semi-Annual Debt Pmt due Feb and Aug, Paying Agents Fee

City of Lorena  
Utility Fund - Fund 50  
March 31, 2024

	10/01/23 Budget	12/31/23 YTD	Jan-24	Feb-24	Mar-24	Quarter Total	03/31/24 YTD	Remaining Budget	
Charges & Fees	2,189,100.00	553,620.84	172,757.18	167,193.44	174,715.39	514,666.01	1,068,286.85	1,120,813.15	51.20%
Interest	5,000.00	927.38	312.46	398.48	436.07	1,147.01	2,074.39	2,925.61	58.51%
Other Revenues	14,800.00	4,109.00	5,117.18	1,083.00	1,083.00	7,283.18	11,392.18	3,407.82	23.03%
Total Revenues	2,208,900.00	558,657.22	178,186.82	168,674.92	176,234.46	523,096.20	1,081,753.42	1,127,146.58	51.03%
Water Service	1,060,833.00	261,217.03	79,343.54	80,897.11	90,640.92	250,881.57	512,098.60	548,734.40	51.73%
Sewer Service	191,000.00	37,784.26	19,869.66	20,658.46	13,565.19	54,093.31	91,877.57	99,122.43	51.90%
Administration	957,067.00	195,744.06	58,973.12	51,876.93	50,481.26	161,331.31	357,075.37	599,991.63	62.69%
Total Expenditures	2,208,900.00	494,745.35	158,186.32	153,432.50	154,687.37	466,306.19	961,051.54	1,247,848.46	56.49%
Net Rev/Expend	-	63,911.87	20,000.50	15,242.42	21,547.09	56,790.01	120,701.88	(120,701.88)	

Charges & Fees:

Interest:

Other Revenues:

Water Service:

Sewer Service:

Administration:

AT&T reimb for repair (Jan)

Electricity for Feb and Mar (Mar)

Repair and Maint Liftstations (Jan and Feb)

3 pay periods (Jan)

City of Lorena  
Sanitation Fund - Fund 51  
March 31, 2024

	10/01/23 Budget	12/31/23 YTD	Jan-24	Feb-24	Mar-24	Quarter Total	03/31/24 YTD	Remaining Budget	
Charges & Fees	274,134.00	70,003.86	23,418.31	23,353.70	23,443.59	70,215.60	140,219.46	133,914.54	48.85%
Interest	-	-	-	-	-	-	-	-	0.00%
Other Revenues	-	19.72	6.78	7.11	6.80	20.69	40.41	(40.41)	100.00%
Total Revenues	274,134.00	70,023.58	23,425.09	23,360.81	23,450.39	70,236.29	140,259.87	133,874.13	48.84%
Sanitation	274,134.00	65,022.27	2,508.00	41,483.11	2,508.00	46,499.11	111,521.38	162,612.62	59.32%
Total Expenditures	274,134.00	65,022.27	2,508.00	41,483.11	2,508.00	46,499.11	111,521.38	162,612.62	59.32%
Net Rev/Expend	-	5,001.31	20,917.09	(18,122.30)	20,942.39	23,737.18	28,738.49	(28,738.49)	

Charges & Fees:

Interest:

Other Revenue:

Sanitation: Frontier Waste Jan and Feb (Feb), Mar (Apr)



City of Lorena  
ARPA - SLFRF Funds - Fund 52  
March 31, 2024

	10/01/23 Budget	12/31/23 YTD	Jan-24	Feb-24	Mar-24	Quarter Total	03/31/24 YTD	Remaining Budget	
Grants	860,000.00			31,580.00	8,630.00	40,210.00	40,210.00	819,790.00	95.32%
Total Revenues	860,000.00	-	-	31,580.00	8,630.00	40,210.00	40,210.00	819,790.00	95.32%
Water Projects	195,000.00					-	-	195,000.00	100.00%
Sewer Projects	90,000.00			380.00		380.00	380.00	89,620.00	99.58%
Sub Rcp Project	575,000.00	21,455.00	10,125.00	8,250.00	50.00	18,425.00	39,880.00	535,120.00	93.06%
Total Expenditures	860,000.00	21,455.00	10,125.00	8,630.00	50.00	18,805.00	40,260.00	819,740.00	95.32%
Net Rev/Expend	-	(21,455.00)	(10,125.00)	22,950.00	8,580.00	21,405.00	(50.00)	50.00	

Grants:	Recognized income for Engineering Expenses, Sub Rcpt Match
Water Projects:	Water line relocate engineering
Sewer Projects:	Rehab sewer line engineering
Sub Rcp Project:	Engineering

City of Lorena  
Utility Fund Capital Projects - Fund 53  
March 31, 2024

	10/01/23 Budget	12/31/23 YTD	Jan-24	Feb-24	Mar-24	Quarter Total	03/31/24 YTD	Remaining Budget	
Grants	-	-	-	-	-	-	-	-	0.00%
Interest	61,200.00	26,211.20	6,442.96	7,978.92	9,268.01	23,689.89	49,901.09	11,298.91	18.46%
Other Revenues	62,542.00	15,633.00	5,211.00	18,068.59	5,211.00	28,490.59	44,123.59	18,418.41	29.45%
Total Revenues	123,742.00	41,844.20	11,653.96	26,047.51	14,479.01	52,180.48	94,024.68	29,717.32	24.02%
Impact Fee Expenses	-	-	-	-	-	-	-	-	0.00%
Water Service	25,000.00	15,865.00	-	-	-	-	15,865.00	9,135.00	36.54%
Utility Equipment	413,911.00	13,658.25	430.00	1,953.75	11,326.00	13,709.75	27,368.00	386,543.00	93.39%
TIRZ Project	47,450.00	-	-	-	-	-	-	47,450.00	100.00%
Water Capital Projects	350,000.00	-	-	31,580.00	8,250.00	39,830.00	39,830.00	310,170.00	88.62%
Sewer Capital Projects	45,000.00	-	-	-	-	-	-	45,000.00	100.00%
Utility Capital Projects	-	-	-	-	-	-	-	-	0.00%
Total Expenditures	881,361.00	29,523.25	430.00	33,533.75	19,576.00	53,539.75	83,063.00	798,298.00	90.58%
Net Rev/Expend	(757,619.00)	12,320.95	11,223.96	(7,486.24)	(5,096.99)	(1,359.27)	10,961.68	(768,580.68)	

Interest:

Other Revenue:

Water Service:

Tank Cleaning (Oct)

Utility Equipment:

budgeted Mower (Oct), Trailer funded by sale of vehicles in 2023 (Oct), Rate Study (Feb, Mar), Truck Equip (Mar)

Water Capital Projects:

ARPA Sub Recipient Generator match

Sewer Capital Projects:

City of Lorena  
Utility Fund Debt Service - Fund 54  
March 31, 2024

	10/01/23 Budget	12/31/23 YTD	Jan-24	Feb-24	Mar-24	Quarter Total	03/31/24 YTD	Remaining Budget	
Interest	18,000.00	6,708.51	2,011.51	1,873.02	2,270.99	6,155.52	12,864.03	5,135.97	28.53%
Other Revenues	350,080.00	49,926.30	16,642.10	16,642.10	16,642.10	49,926.30	99,852.60	250,227.40	71.48%
Total Revenues	368,080.00	56,634.81	18,653.61	18,515.12	18,913.09	56,081.82	112,716.63	255,363.37	69.38%
Debt Service	200,705.00	4,321.00	38,479.01	-	-	38,479.01	42,800.01	157,904.99	78.68%
Total Expenditures	200,705.00	4,321.00	38,479.01	-	-	38,479.01	42,800.01	157,904.99	78.68%
Net Rev/Expend	167,375.00	52,313.81	(19,825.40)	18,515.12	18,913.09	17,602.81	69,916.62	97,458.38	

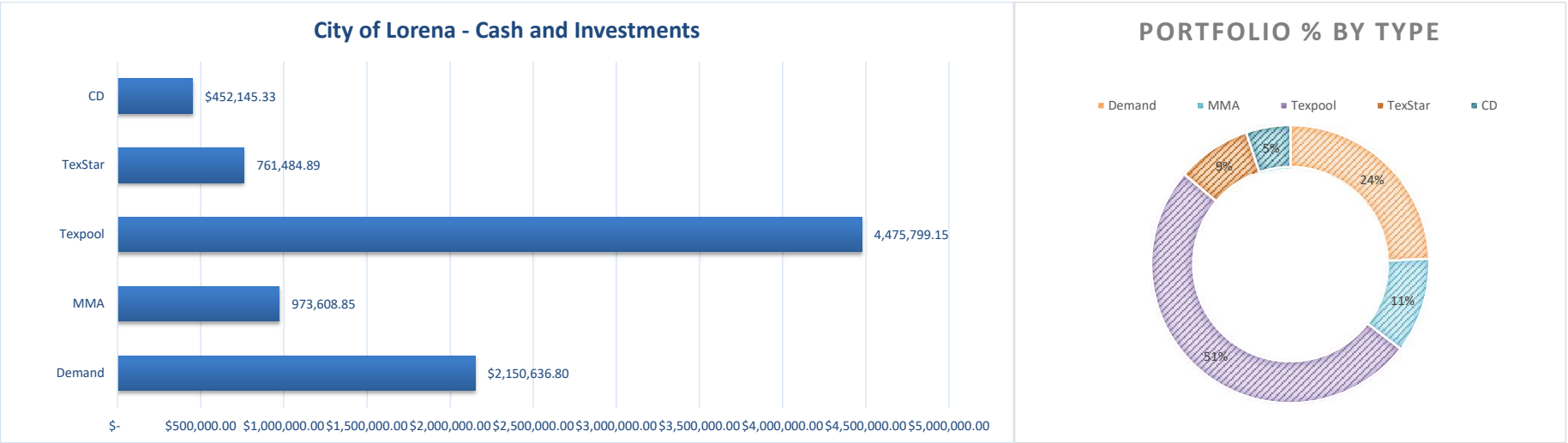
Interest: CD Interest (Mar)  
Debt Service: Semi-annual debt pmt due Feb (Jan)

**CITY OF LORENA**  
**SUMMARY OF CASH AND INVESTMENTS**  
**03/31/24**

	<b>Balance 9/30/2023</b>	<b>Balance 12/31/2023</b>	<b>Balance 3/31/2024</b>	<b>Balance 6/30/2024</b>	<b>Balance 9/30/2024</b>	<b>Net Change</b>	<b>Calculated Avg Int Rate</b>	<b>Maturity</b>
<b>CASH</b>								
Cash - Pooled Operating Acct	\$ 2,521,528.17	\$ 1,715,906.33	\$ 1,663,949.50	\$ -	\$ -	\$ (857,578.67)	0.050%	Demand
Cash - Emergency Checking (FNBCT)	\$ 146,189.72	\$ 146,632.34	\$ 147,071.47	\$ -	\$ -	\$ (146,189.72)	1.223%	Demand
Cash - Money Market Acct	894,783.43	903,389.74	911,779.96	-	-	16,996.53	3.690%	Demand
Cash - Savings/Share (GENCO)	5.00	5.00	5.00	-	-	-	0.000%	Demand
Cash - Payroll	-	-	-	-	-	-	0.000%	Demand
<b>TOTAL UNRESTRICTED CASH</b>	<b>\$ 3,562,506.32</b>	<b>\$ 2,765,933.41</b>	<b>\$ 2,722,805.93</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (986,771.86)</b>		
<b>RESTRICTED CASH</b>								
Restricted Cash - Forfeiture Funds	\$ 300,238.89	\$ 300,276.32	\$ 70,293.90	\$ -	\$ -	\$ (229,944.99)	0.050%	Demand
Restricted CD (8mo) - Treasury CD #xxx0444	-	-	230,000.00	-	-	230,000.00	4.960%	9/29/2024
<b>TOTAL RESTRICTED CASH</b>	<b>\$ 300,238.89</b>	<b>\$ 300,276.32</b>	<b>\$ 300,293.90</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 55.01</b>		
<b>INVESTMENTS</b>								
Extraco CD (20 mo) - UF DS #xxxx6442	\$ 52,873.29	\$ 53,134.96	\$ 53,397.91	\$ -	\$ -	\$ 524.62	1.985%	5/26/2024
Extraco CD (10 mo) - UF DS #xxxx8407	52,720.40	52,720.40	52,720.40	-	-	-	4.500%	4/1/2024
Extraco CD (10 mo) - GF DS #80008465	53,063.62	53,063.62	53,063.62	-	-	-	4.500%	4/8/2024
FNBCT CD (12 mo) - UF DS #xx2131	52,323.95	52,813.14	52,813.14	-	-	489.19	3.750%	5/17/2024
Genco CD (12 mo) - GF #xx1632	10,134.70	10,150.26	10,150.26	-	-	15.56	4.670%	10/19/2024
Texpool - Pooled Investment	616,558.37	624,936.46	784,436.74	-	-	167,878.37	5.415%	Demand
TexStar - Pooled Investment	598,830.98	606,912.46	614,978.34	-	-	16,147.36	5.400%	Demand
Texpool - Sidewalk Reserve	12,724.93	12,937.60	13,117.19	-	-	392.26	5.415%	Demand
Texpool - 2022 Street Bonds	2,092,671.79	1,135,286.43	576,075.85	-	-	(1,516,595.94)	5.415%	Demand
Texpool - GF Equipment Reserve	424,039.63	429,801.68	353,797.98	-	-	(70,241.65)	5.415%	Demand
Texpool - Park Land Ded Reserve	-	-	21,922.87	-	-	21,922.87	5.415%	Demand
Texpool - GF Capital Project Reserve	574,088.05	581,889.02	671,244.21	-	-	97,156.16	5.415%	Demand
Texpool - UF Equipment Reserve	376,815.55	381,935.93	387,092.31	-	-	10,276.76	5.415%	Demand
Texpool - UF Meter Reserve	24,094.12	24,421.52	24,751.23	-	-	657.11	5.415%	Demand
Texpool - UF Capital Projects	836,717.39	850,028.86	859,404.63	-	-	22,687.24	5.415%	Demand
Texpool - Impact Fees	25,097.00	25,496.27	25,777.49	-	-	680.49	5.415%	Demand
Texpool - 2018 TIRZ	223,573.72	226,611.76	194,635.87	-	-	(28,937.85)	5.415%	Demand
Texpool - UF Debt Service	143,060.79	145,004.78	146,939.81	-	-	3,879.02	5.415%	Demand
TexStar - UF Debt Service	142,659.70	144,587.97	146,506.55	-	-	3,846.85	5.400%	Demand
<b>TOTAL INVESTMENTS</b>	<b>\$ 6,312,047.98</b>	<b>\$ 5,411,733.12</b>	<b>\$ 5,042,826.40</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (1,269,221.58)</b>		
<b>SUB-TOTAL CASH AND INVESTMENTS</b>	<b>\$ 10,174,793.19</b>	<b>\$ 8,477,942.85</b>	<b>\$ 8,065,926.23</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (2,255,938.43)</b>		

**ECONOMIC DEVELOPMENT CORPORATION, LORENA, TEXAS**  
**SUMMARY OF CASH AND INVESTMENTS**  
**03/31/24**

	Balance 9/30/2023	Balance 12/31/2023	Balance 3/31/2024	Balance 6/30/2024	Balance 9/30/2024	Net Change	Calculated Avg Int Rate	Maturity
Restricted Cash - EDC Checking	\$ 251,476.36	\$ 237,261.24	\$ 269,316.93	\$ -	\$ -	\$ 17,840.57	0.000%	Demand
Money Market Account	61,104.04	61,482.63	61,828.89	-	-	724.85	2.230%	Demand
Texpool - EDC	405,605.13	411,116.70	416,602.97	-	-	10,997.84	5.415%	Demand
<b>SUB-TOTAL CASH AND INVESTMENTS</b>	<b>\$ 718,185.53</b>	<b>\$ 709,860.57</b>	<b>\$ 747,748.79</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 29,563.26</b>		
<b>TOTAL CASH AND INVESTMENTS</b>	<b>\$ 10,892,978.72</b>	<b>\$ 9,187,803.42</b>	<b>\$ 8,813,675.02</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (2,226,375.17)</b>		



I certify that, to the best of my knowledge, the above schedule accurately reflects the cash and investments held by the City of Lorena.

Linda Klump

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Linda Klump  
Finance Officer

Kevin A. Neal

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Kevin A. Neal  
City Manager

**CITY OF LORENA  
ORDINANCE NO. 2024-0415-01**

**AN ORDINANCE ADOPTING WATER CONSERVATION PLAN FOR THE CITY OF LORENA TO PROMOTE RESPONSIBLE USE OF WATER AND TO ESTABLISH CRITERIA FOR THE INITIATION AND TERMINATION OF DROUGHT RESPONSE STAGES; AND PROVIDING FOR PENALTIES, PUBLICATION, SEVERABILITY, AND AN EFFECTIVE DATE.**

**WHEREAS**, the City of Lorena, Texas, recognizes that the amount of water available to its citizens and customers is limited; and

**WHEREAS**, the City recognizes that drought, system failure and other acts of God may occur and that the City cannot guarantee an uninterrupted water supply for all purposes at all times; and

**WHEREAS**, the City desires to conserve water resources and prepare for drought; and

**WHEREAS**, the City desires to comply with Section 11.1271 of the Texas Water Code and applicable rules of the Texas Commission on Environmental Quality which require these plans for all public water supply systems; and

**WHEREAS**, the City desires to comply with the rules of the Texas Water Development Board should it decide to avail itself of various financial assistance programs found in Title 31, Texas Administrative Code Chapter 363; and

**WHEREAS**, pursuant to Chapter 54 of the Local Government Code and in the best interests of its citizens, the City is authorized to adopt Ordinances it deems are necessary and expedient to preserve and conserve its water resources and to prepare for drought;

**NOW THEREFORE, BE IT RESOLVED AND ORDAINED BY THE CITY COUNCIL OF THE CITY OF LORENA, TEXAS THAT:**

Section 1, The City Council does hereby find and declare that sufficient and timely written notice of place and subject matter of this meeting adopting this Ordinance was posted. The City Council further ratifies, approves and confirms such written notice and the posting thereof.

Section 2. The City Council hereby adopts the Water Conservation Plan attached hereto as Exhibit "A" and the same is hereby adopted as the official plan of the City. All ordinances that are in conflict with the provisions of this Ordinance are hereby repealed.

Section 3. Any person or entity that is found guilty of violating the provisions of this Ordinance may be fined in an amount not to exceed \$500.00 for each offense. Each day that a violation of this Article occurs shall constitute a separate offense.

Section 4. Should any paragraph, sentence, clause, phrase or word of this Ordinance be declared unconstitutional or invalid for any reason, the remainder of this Ordinance shall not be affected.

Section 5. The City Secretary is hereby authorized and directed to publish this Ordinance.

Section 6. The City Manager is hereby directed to file a copy of the Plan and this Ordinance with the Texas Water Development Board in accordance with Title 31, Chapter 363 of the Texas Administrative Code.

Section 7. This Ordinance shall take effect immediately after passage and publication.

PASSED THIS 15th DAY OF April 2024 at a scheduled meeting of the City Council of the City of Lorena, Texas, there being a quorum present, and approved by the Mayor on the date set out below:

**APPROVED THIS 15<sup>TH</sup> DAY OF April 2024.**

BY: \_\_\_\_\_  
Tommy Ross, Mayor

ATTEST:

\_\_\_\_\_  
Monica Hendrix, City Secretary





## **Water Conservation Plan**

**Prepared to Satisfy the Requirements of  
Title 30 TAC Chapter 288**

April 2024

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## **SECTION 1**

### **SYSTEM EVALUATION**

A complete evaluation of the City of Lorena's water and wastewater system and customer use characteristics is provided in the completed Utility Profile. The Utility Profile is provided as Attachment A. The Lorena Water Conservation Plan has a five-year planning horizon. The conservation measures and initiatives of the City of Lorena are proposed for achieving the future conservation goals and water use targets. The City of Lorena's conservation plan recognizes the value of the City's water supply resource; efforts to avoid water loss and to conserve using reasonable and cost-effective measures are proposed in the Plan.

#### **1.1 Raw Water Supply**

The City of Lorena's supply sources are from groundwater using Trinity Aquifer wells, and from surface water through a water supply contract with the Brazos River Authority. The groundwater supplies are developed from two wells at capacities shown and discussed below. The surface water supply is treated by the City of Robinson. The City's water supply contract with the Brazos River Authority is for 2,500 ac-ft/year (Acre-Feet/Year) and the City's water supply contract with Southern Trinity Groundwater Conservation District is 583 ac-ft/year.

#### **1.2 Water Distribution**

The City of Lorena's potable water distribution system is supplied by two existing ground water wells and by an existing agreement with the City of Robinson to purchase treated water. The Robinson water is supplied through an existing meter and valve assembly at the Well #3 site. The Robinson supply and Well #3 are collected within the ground storage tank. The north and south pumps draw water from the ground storage tank as required, meeting the water usage requirements of the system. The design capacity of the Lorena water supply system is 1.30 MGD.

Table 1: Water Sources

<b>Location</b>	<b>Capacity (GPD)</b>
Well #2	360,000
Well #3	482,400
Robinson	594,000

The City of Lorena has a Water CCN #10030 (Certificate of Convenience and Necessity) filed with the State of Texas. The Water CCN for the City of Lorena encompasses the majority of the City limits. However, the City's Distribution system extends beyond the CCN limits primarily towards the south and east. Additional information is provided in the attached Utility Profile on the Customer base characteristics of the Lorena system. There are an existing 1045 meters.

### 1.3 Storage Facilities

The City of Lorena currently has 4 storage facilities with a total storage capacity of 0.99 million gallons. The following table shows the existing storage available for the system:

Table 2: Lorena Water Storage Facilities

Location	Type	Pressure Plane Served	Storage Volume	Material
Matson Lane (Thiele Tower)	Elevated	North	0.20 MG	Welded Steel
S. Front Street (Downtown Tower)	Elevated	South	0.08 MG	Welded Steel
1850 Old Waco Temple Rd. (Well Site #3)	Ground	North & South	0.50 MG	Galvanized
704 N. Old Temple Rd. (Well Site #2)	Ground	South	0.21 MG	Welded Steel

### 1.4 Pump Stations

The City of Lorena has three (3) potable water pump station locations and 6 pumps in service.

Table 3: Lorena Pump Stations

Pump Station Name	# Pumps in Service	Pump Station Capacity (GPM)
Well # 3 Booster Pumps (north plane)	2	2,000
Well # 3 Booster Pumps (south plane)	2	1,600
Well # 3 Well Pump	1	350
Well # 2 Well Pump	1	180

### 1.5 Wastewater Treatment

The City of Lorena is a member city of the Waco Metropolitan Regional Sewerage System (WMARSS). The City of Lorena's wastewater flows are treated at facilities owned and operated by the regional system. The current wastewater flows for the City over the past 5-years averages approximately 0.18 MGD. The WMARSS provides 0.32 MGD of capacity for the City of Lorena. The WMARSS has provided a separate, satellite treatment plant at Bull Hide Creek near Lorena. The Bull Hide Creek WWTP has been operational since February 1, 2012.

Additional information and data on the Lorena wastewater flow characteristics are provided in the attached Utility Profile.

## 1.6 Water Use & Population

The City of Lorena's record management system provides the City of Lorena the ability to differentiate meter type by common classifications. Recent historical water use by classification has been compiled for the previous 5-years and is presented in the following table.

Table 4: Classified Water Use & Totals

Classification	2023	2022	2021	2020	2019
<i>Residential - Single Family</i>	81,733,100	75,129,100	66,295,200	73,547,100	65,521,200
<i>Residential - Multi Family</i>	1,275,800	1,535,500	1,559,700	1,489,100	1,325,600
<i>Commercial</i>	21,028,500	18,697,600	17,941,300	18,422,400	18,488,800
<i>Industrial</i>	0	0	0	0	0
<i>Institutional</i>	5,860,200	5,881,700	3,867,200	7,348,600	8,643,400
<i>Agriculture</i>	0	0	0	0	0
<i>Reuse</i>	0	0	0	0	0
<b>Total Billed Volumes</b>	<b>109,897,600</b>	<b>101,243,900</b>	<b>89,663,400</b>	<b>100,807,200</b>	<b>93,979,000</b>

*\* All Water Volumes in the above Table are measured in Gallons*

The following table summarizes recent historical population figures and projected population estimates. The population figures are broken into two categories representing population within the City limits and total population served by the City of Lorena water. Historical population figures found in the table below are provided by the City of Lorena. The Brazos-G Regional Water Planning Group offers population projections for a population contained within the City Limits of Lorena. This however does not include the entire population served by the Lorena Water Department since the water service area of Lorena extends beyond the City Limits. In the table below, the 2021 Brazos-G projections are provided in the column representing City Limits Population for all non-historical data. The service area population at this time is approximately 2,717 individuals and future projections are determined using the population growth rate Brazos-G predicts for Lorena over the planning period.

Table 5: Lorena Water Service Population

Year	City Limits Population	Service Area Population
2014	1,721	2,500
2015	1,751	2,500
2016	1,781	2,500
2017	1,810	2,500
2018	1,840	2,500
2019	1,910	2,595
2020	1,933	2,626
2021	1,967	2,672
2022	1,985	2,709
2023	2,004	2,717
2030	2,218	3,007
2040	2,440	3,308
2050	2,662	3,609
2060	2,884	3,910
2070	3,101	4,204

It is anticipated that the population growth of this community, located along IH-35 and adjacent to the City of Waco, will continue to be significant for the long-term future. The average projected annual population growth rate developed by the TWDB from 2020-2070 is 0.95%. Prudent planning for future use on a conservative basis will be essential to ensure that the City does not have a shortfall in its water supplies for the future.

Based on historical population numbers from the City of Lorena and projected populations from the State Water Plan, Lorena's Population within the City Limits has been charted below and is represented by the dashed black lines. As previously described, the City of Lorena's water service area extends beyond the City Limits. To better estimate the total true population the City of Lorena should expect to serve, the State Water Plan's predicted growth rate for the City of Lorena has been applied to the population currently served by City water and is plotted below as a solid blue line.

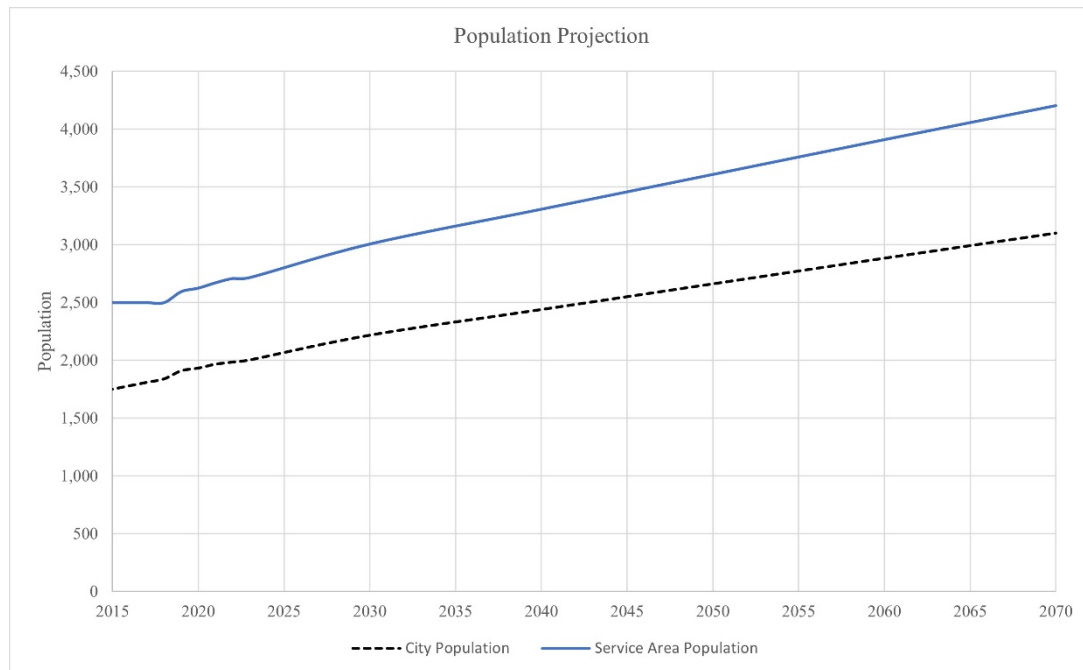


Figure 1: Water Service Area Population Projection

The table below details the number of meters by account type that the City of Lorena currently has in its system as well as meters counts by account type for the last five (5) years.

Table 6: Meter Counts by Account Type

Account Type	2023	2022	2021	2020	2019
Single Family	916	914	899	884	913
Multi-Family	6	6	6	6	6
Commercial	115	114	116	116	116
Industrial	0	0	0	0	0
Institutional	8	8	7	7	7
Agriculture	0	0	0	0	0
Other/Wholesale	0	0	0	0	0

The historical water use, and per capita use are shown for the most recent 5-year period in the following table. Number of connections and system losses have also been included.

Table 7: Lorena Historical Water Intake, Usage & Loss

Year	Water Service Population	Metered Connections	Intake	Wholesale Sold	Unbilled & Metered	Unbilled & Unmetered	Billed to Customer	GPCD	Sys. Loss
2019	2,595	1,042	238,254,000	82,530,000	-	4,876,153	93,979,000	165	36.65%
2020	2,626	1,013	241,210,000	76,417,000	-	5,162,000	100,807,200	172	35.70%
2021	2,672	1,028	207,367,148	55,684,369	-	4,929,700	89,663,400	156	37.64%
2022	2,709	1,042	252,474,400	79,461,000	-	7,429,350	101,243,900	175	37.19%
2023	2,717	1,045	266,282,800	77,879,000	15,469,100	7,075,900	109,897,600	194	31.13%

\* Intake and Wholesale Sold Volumes are shown as Corrected Values based on Meter Accuracy as Self Reported in TWDB Water Loss Audits

\*\* All Water Volumes in the above Table are measured in Gallons

The recent per capita water use does not reflect a trend in water use responsive to water conservation measures, but it provides an initial baseline to use in setting targets and measuring the effectiveness of conservation measures. Under normal hydrologic conditions, where irrigation impacts do not result from extended drought conditions during the lawn and turf irrigation season, the past five (5) years of historical data show an average per capita usage of 172 GPCD.

The impact of summer irrigation season on the per capita water use is significant, but not atypical for a growing community in Central Texas. GPCD noticeably increases during the summer months of June, July, August, and September. A reduction in per capita use during the summer irrigation season is an important target and perhaps the most critical target for the Lorena's water conservation efforts. Lawn and turf irrigation have a major impact on the per capita water use. Also, since total water use increases during these periods, the potential for water loss in transmission is at its maximum.

Therefore, the summer season is a key period for implementing cost-effective water conservation measures as well as for tracking the conservation-effectiveness of those measures.



## SECTION 2 WATER USE TARGETS & GOALS

### 2.1 Description of Targets and Goals

The City of Lorena has water supplies available for present however plans for securing additional water supply for future growth is required. The City recognizes the State's goals of water conservation and generally supports those goals. As a growing community, Lorena recognizes the opportunity to establish conservation goals that will provide measurable results (reductions in water use and losses) in the future.

### 2.2 Coordination with Regional Water Planning Groups

The service area of the City of Lorena is located within the Region G Water Planning Area and the City of Lorena has provided a copy of this plan to Brazos G Regional Water Planning Group. The following goals are stated as guidelines for the City relative to water conservation:

- The City will encourage the conservation of water through media, mail-outs and other avenues. Conservation messages will be conveyed during spring and summer months when water use increases.
- The City will focus on reducing unaccounted-for water.
- The City will establish a goal of 5% to 10% reduction in gallons per capita per day (GPCD) over the next 10 years.

For the 10-year period to realize the conservation goals, the reduction in per capita use by 5% to 10% translates to a reduction in daily pumpage of approximately 23,400 gallons and 46,800 gallons, respectively, based on the population increases projected. This represents a reduction in per capita use of 8.62 GPCD and 17.24 GPCD for a five percent and a ten percent decrease in the years 2029 and 2034, respectively. These reductions are based on average water use of 172 GPCD from 2019-2023. It is anticipated that efforts to identify and reduce leakage will be significant but cannot be quantified until the efforts are implemented and results measured in terms of metered water use in future years.

The following table shows the reduction in pumpage that is anticipated based on the goals of a reduction of 5% and 10% for the 10-year period between 2024 and 2034. The future water savings projections are calculated by using service population projections and 5% and 10% reductions on the current GPCD of 172.

Table 8: Annual Water Savings Projections (5% and 10% Conservation)

Year	Population Projection	Annual Water Savings with 5% Conservation	Annual Water Savings with 10% Conservation
2024	2,758	8,678,906	17,357,812
2025	2,800	8,809,315	17,618,630
2026	2,841	8,939,724	17,879,449
2027	2,883	9,070,133	18,140,267
2028	2,924	9,200,542	18,401,085
2029	2,966	9,330,951	18,661,903
2030	3,007	9,461,361	18,922,721
2031	3,037	9,556,059	19,112,119
2032	3,067	9,650,758	19,301,517
2033	3,097	9,745,457	19,490,915
2034	3,128	9,840,156	19,680,312

### **2.3 Schedule for Implementing Goals**

The City of Lorena has established conservation goals to achieve conservation in a practical manner that avoids ineffective and costly approaches and measures. These goals should be effective, achievable, and sustainable. Further, the impact from variation in rainfall should be included. The goal will be accomplished through a multi- faceted effort:

- Continued compliance with the State's plumbing code requirements and the
- City's use of the International Plumbing Code;
- Continued metering of 100% of the City's water customers and accurate accounting for public use of water;
- Calibration of meters for all treated water deliveries on an annual basis; Water audit to identify water losses and plan for measures to address identified problems on a priority basis;
- Annual review and update to the City's inverted block rate structure and consideration of additional rate classes;
- Continued efforts to reduce system leakage and manage unaccounted-for water through a permanent leak detection and repair program;
- Increased water accounting, including a record management system of monthly production, metered consumption, and water losses that is desegregated by customer class;
- Implementing a reuse program through the regional sewer authority to reuse or reclaim municipal effluent;
- Review of water conservation provisions and requirements in the City's wholesale water contracts; and,
- Educating the public on efficient water use and water reuse.

### **2.4 Conservation measures and Quantification of Potential Savings**

The water usage reduction goals of 8.62 GPCD in 2029 (5%) and of 17.24 GPCD (10%) by the year 2034 are based on anticipated savings from each of the City's conservation efforts. These efforts are described generally in the following sections of the Conservation Plan. The quantity of water savings can be estimated by identifying an appropriate water savings in GPCD based on guidance information and historical data. As part of the City's water management effort further quantification with respect to the City's conservation applications and results will be documented to support future adjustments to the conservation goals. The following table shows the ranges of potential GPCD reductions for different conservation measures. The method used to identify the range of reduction is shown as well as a cross-reference to the TWDB's Best Management Practices (BMP) guide.

Table 9: Water Conservation Strategies

Conservation Measure	Related BMP	Method to Determine Range of Potential Reduction	Result Reduction on Total Water Use (GPCD)
Reducing indoor water use: toilet replacement, showerhead, toilet flapper, etc. required pursuant to state law	7.3, 7.4	Reduction expected was calculated by the TWDB and updated for the 2021 Regional Water Plan.	Per capita use includes the TWDB estimated reductions
Water conservation pricing “non-promotional” rates	3.1	Anticipate an elasticity of only 1 to 3 percent for every 10% increase in average monthly water bill or a price elasticity of -.20 for Texas (2% reduction for every 10% increase lack of response to price increases requires larger increases in price to achieve small reductions in demand; indicating that the .20 elasticity can be achieved with strong public education program to inform consumer of the rate block and seasonal use increases	1.6 to 4.9 with single anticipated 10% increase prior to 2020
Meter replacement and accuracy verification program	4.1, 4.2	Estimates of water savings associated with the meter replacement are utility specific; it can be estimated that a small-size city with an on-going program will increase in efficiency over time (identify and replace faulty meters reducing continued excessive use from non-registering meters). Therefore, using 2014, the total number of metered connections is 972. Assuming that 1% of the total meters are non-registering, then replacement of those meters may result in a reduction in the total water of 4,180 to 4,340 gal/day in 2020 and 2025, respectively; that equates to an overall GPCD reduction of just under 2.0 in the target years.	2.0
Public Education Programs	6.1	According to Michelsen, et al, non-price programs appear to be effective if the water utility “achieves a critical mass of programs”. In the, study larger cities with numerous programs (10-15) showed measurable results; however, mid- cities with few programs or new programs did not. Education programs are means of making the consumer aware in a timely manner of the quantity and cost of the water used, compliment the effectiveness of the conservation rate structures. Public education is effective in helping to implement replacement programs. School education programs that distribute end-user water savings fixtures were also found to be effective. Until more quantifiable data is available, a reduction of 2.0 to 4.0 GPCD is assumed	2.0 to 4.0
Unaccounted- for water use and leakage detection repair		As piping continues to age and valves and appurtenances fail to function, the leakage increases, and the value of leak detection increases. The quantifiable amount of water savings from the leak detection and correction should be identified as part of the water audit process. The City of Lorena is preparing an estimate of its unaccounted-for water, but an estimate for Central Texas city would be in the 15% to 20% of total water use. The estimate for per capita water savings for the Central Texas area is estimated at 1.0 to 3.0 GPCD. This could be somewhat higher for Lorena.	1.0 to 3.0
		The city of Lorena will establish a short-term goal of reducing unaccounted-for water by 2%	
		<b>Potential Savings</b>	<b>6.6 to 13.9</b>

## **SECTION 3**

### **MEASURING EFFECTIVENESS OF PLAN IMPLEMENTATION**

The City of Lorena is a moderate-size City that will take appropriate steps to gauge the effectiveness of its water conservation efforts. Where costs are not prohibitive, the City will take the following steps to measure the effectiveness of the Conservation Plan in meeting the targets and goals set forth:

- Logs will be maintained on master meter calibrations, testing of meters, and for meter replacement;
- Audits will be conducted and well documented with records kept in City files
- Records will be kept by the City staff of mail-outs to citizens on water conservation, public programs conducted by the City of the Lorena ISD, and any other related efforts;
- Water rates will be implemented by and tracked by city ordinance;
- Records and logs will be kept for leak detection efforts conducted by the City of Lorena or its agents.

## **SECTION 4**

### **METERING & WATER ACCOUNTABILITY**

#### **4.1 Master Meter**

The City of Lorena has master meters to measure and account for the amount of water diverted from all sources as described in Section 1. The meters are placed on each well source as well as the treated water supply provided from the City of Robinson. These meters are inspected and periodically calibrated to provide for accurate records and billings within a 5% margin.

#### **4.2 Meter Testing, Maintenance, and Repair/Replacement**

The City of Lorena does have an ongoing meter replacement program. The City identifies meters for replacement based on two primary criteria: age and recording accuracy based on billing records. The maximum life for a meter prior to replacement is 10 years. The City identifies meters in the distribution system that have exceeded this service life, and schedules those for replacement.

The City reviews its water billing records continuously. Records that indicate a malfunctioning or potential malfunctioning meter are flagged. The meter for the specific record is either inspected in the field or pulled for testing at the City's shop.

In recent years, the City has implemented a program to provide for radio-read meters for the system in the future. There is a \$100 surcharge added to the new meter cost that is dedicated for this purpose. Radio-read meters will provide the city with additional information on the meter accuracy and real-time data collection that can be useful in leakage detection.

#### **4.3 Unaccounted Water Use**

The City has an ongoing program for detecting leaks in its system and for repairing identified leaks. Leaks are detected based on billing and metering records review as well as visual inspection of the system by City crews. The City staff review the pumping records and the master meter information to compare with the billing records. Any large discrepancies are investigated to determine potential causes. Records are kept of the production (master) meter readings for collating with the corresponding billing and meter records.

The City visually inspects and carefully monitors deliveries of treated water from the City of Robinson to detect any unaccounted-for water or losses in the Robinson transmission line flowing to Lorena.

#### 4.4 Goal for Water Loss Reduction (GPCD)

The water loss goal for the City of Lorena is 10%, which is typical and responsible for a small to medium sized Central Texas city. The City meters treated water as opposed to total diverted; therefore, the water loss estimates are based on treated water billed. The future water audits will need to include diverted water metering to determine water loss estimates that include raw water diverted and treatment losses as well as treated water distribution and metering losses. The City will continue to work on reducing water loss in treated water distribution and metering with the goal of cutting water losses to 10%. Table 10 summarizes historical system losses recorded in the City of Lorena Water System. Table 11 provides projected water demands, losses, and water usage (in GPCD) for 2025, 2030, and 2035.

Table 10: Historical System Loss

Year	Metered Connections	System Water Loss		Water Loss GPCD
2019	1,042	57,181,745	36.65%	60
2020	1,013	58,823,800	35.70%	61
2021	1,028	57,089,679	37.64%	59
2022	1,042	66,134,993	37.83%	67
2023	1,045	59,863,499	31.13%	60

Table 11: Projected Use & System Loss Goals

Year	Population	Demand	Water Loss Goal	Water Loss
2025	2,800	176,186,305	30%	52,855,891
2030	3,007	189,227,211	27%	51,091,347
2035	3,158	198,697,103	25%	49,674,276

## **SECTION 5**

### **PUBLIC INVOLVEMENT & EDUCATION**

The City of Lorena will initiate a program to provide public education and information regarding water conservation. It will include providing water conservation information directly to each water user as well as providing water conservation literature to new customers when they apply for service. The City will coordinate with the Lorena ISD on water conservation education efforts.

## **SECTION 6**

### **ENFORCEMENT**

No person shall knowingly or intentionally allow the use of water from the City of Lorena for residential, commercial, industrial, agricultural, governmental, or any other purpose in a manner contrary to any provision of the Drought Contingency Plan, or in an amount in excess of that permitted by the drought response stage in effect at the time pursuant to action taken by the City Manager or designee, in accordance with provisions of this Drought Contingency Plan.

If a person is convicted of three or more distinct violations of the Drought Contingency Plan, the City Manager shall, upon due notice to the customer, be authorized to discontinue water service to the premises where such violations occur. Services discontinued under such circumstances shall be restored only upon payment of a re-connection charge and any other costs incurred by the City of Lorena in discontinuing service. In addition, suitable assurance must be given to the City Manager that the same action shall not be repeated while the Plan is in effect. Compliance with this plan may also be sought through injunctive relief in the district court.

Any person, including a person classified as a water customer of City of Lorena, in apparent control of the property where a violation occurs or originates shall be presumed to be the violator, and proof that the violation occurred on the person's property shall constitute a rebuttable presumption that the person in apparent control of the property committed the violation, but any such person shall have the right to show that he/she did not commit the violation. Any employee of the City of Lorena, police officer, or other employee designated by the City Manager, may issue a citation to a person he/she reasonably believes to be in violation of this ordinance. The alleged violator shall appear in Municipal Court to enter a plea of guilty or not guilty for the violation of this Plan. If the alleged violator fails to appear in Municipal Court, a warrant for his/her arrest may be issued. A summons to appear may be issued in lieu of an arrest warrant.

## **SECTION 7**

### **WATER RATE STRUCTURE**

The City of Lorena has adopted an inverted block rate structure that is not "promotional". The rates are cost-based, tiered, and discourage the excessive use of water. The City of Lorena currently has one of the highest water rates in the State of Texas.

A copy of the city's current water rate structure is provided below:

## CITY OF LORENA WATER & WASTEWATER RATES

Water Rates					
Table	Class	Minimum Bill	Volumetric Per 1,000		
			0-2,000	2,001-10,000	>10,001
CO1	Commercial 1"	\$113.74	\$7.92	\$8.79	\$10.09
CO15	Commercial 1.5"	\$148.65	\$7.92	\$8.79	\$10.09
CO2	Commercial 2"	\$195.17	\$7.92	\$8.79	\$10.09
CO3	Commercial 3"	\$305.71	\$7.92	\$8.79	\$10.09
CO4	Commercial 4"	\$480.29	\$7.92	\$8.79	\$10.09
CO6	Commercial 6"	\$720.45	\$7.92	\$8.79	\$10.09
CO8	Commercial 8"	\$1,080.69	\$7.92	\$8.79	\$10.09
WCI	Commercial Inside	\$43.94	\$7.92	\$8.79	\$10.09
WRI	Residential Inside	\$26.46	\$7.92	\$8.79	\$10.09
BWA	Builder Water	\$43.94	\$7.92	\$8.79	\$10.09
CHF	Commercial Fire Hydrant	\$78.79	\$10.09	\$10.09	\$10.09

Sewer Rates			
Table	Class	Minimum Bill	Volumetric Per 1,000
CSW	Commercial	\$50.05	\$5.87
SWR	Residential	\$50.05	\$5.87

Outside of City Limits Water Rates						
Table	Class	Base Rate	Volumetric Per 1,000			
			0-10,000	10,001-15,000	15,001-20,000	>20,001
WRO	Residential	\$97.87	\$5.51	\$6.74	\$7.92	\$9.40
WCO	Commercial	\$100.86	\$5.51	6.74	\$7.92	\$9.40

## **SECTION 8**

### **APPROVALS & NOTIFICATIONS**

Upon the completion and review of the water conservation plan, the City Council will be asked to approve the plan by resolution.

The City of Lorena's updated water conservation plan will be submitted to the Regional Water Planning Group to ensure coordination with the Plan. Pertinent information from the conservation plan is available for incorporation in the next update to the Brazos G Regional Water Plan.



## **ORDINANCE 2024-0415-02**

**AN ORDINANCE OF THE CITY OF LORENA, TEXAS, ADOPTING A DROUGHT CONTINGENCY PLAN; ESTABLISHING CRITERIA FOR THE INITIATION AND TERMINATION OF DROUGHT RESPONSE STAGES; ESTABLISHING RESTRICTIONS ON CERTAIN WATER USES; ESTABLISHING PENALTIES FOR THE VIOLATIONS OF AND PROVISIONS FOR ENFORCEMENT OF THESE RESTRICTIONS; ESTABLISHING PROCEDURES FOR GRANTING VARIANCES; AND PROVIDING SEVERABILITY AND EFFECTIVE DATE.**

**WHEREAS**, the City of Lorena, Texas recognizes that the amount of water available to the City and its water utility customers is limited and subject to depletion during periods of extended drought;

**WHEREAS**, the City recognizes that natural limitations due to drought conditions and other acts of God cannot guarantee an uninterrupted water supply for all purposes;

**WHEREAS**, Section 12.1272 of the Texas Water Code and applicable rules of the Texas Natural Resource Conservation Commission require all public water supply systems in Texas to prepare a drought contingency plan; and

**WHEREAS**, as authorized under law, and in the best interest of the citizens of Lorena, Texas, the City Council deems it expedient and necessary to establish certain rules and policies for the orderly and efficient management of limited water supplies during drought and other water supply emergencies;

**NOW THEREFORE, BE IT ORDAINED BY THE CITY OF LORENA, TEXAS:**

### **SECTION 1.**

That the City of Lorena, Texas, Drought Contingency Plan attached hereto as Exhibit "A" and made part hereof for all purposes be, and the same is hereby, adopted as the official policy of the City.

### **SECTION 2.**

That all ordinances that are in conflict with the provisions of this ordinance be, and the same are hereby, repealed and all other ordinances of the City not in conflict with the provisions of this ordinance shall remain in full force and effect.

SECTION 3.

Should any paragraph, sentence, subdivision, clause, phrase, or section of this ordinance be adjudged or held to be unconstitutional, illegal or invalid, the same shall not affect the validity of this ordinance as a whole or any part or provision thereof, other than the part so declared to be invalid, illegal or unconstitutional.

SECTION 4.

This ordinance shall take effect immediately from and after its passage and the publication of the caption, as the law in such cases provides.

PASSED AND APPROVED THIS 15<sup>TH</sup> DAY OF APRIL 2024.

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Tommy Ross, Mayor

ATTEST:

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Monica Hendrix, City Secretary

# **DROUGHT CONTINGENCY PLAN FOR THE CITY OF LORENA**

April 9, 2024

## **Section I: Declaration of Policy, Purpose, and Intent**

In order to conserve the available water supply and protect the integrity of water supply facilities, with particular regard for domestic water use, sanitation, and fire protection, and to protect and preserve public health, welfare, and safety and minimize the adverse impacts of water supply shortage or other water supply emergency conditions, the City of Lorena, hereby adopts the following regulations and restrictions on the delivery and consumption of water.

Water uses regulated or prohibited under this Drought Contingency Plan (the Plan) are considered to be non-essential and continuation of such uses during times of water shortage or other emergency water supply condition are deemed to constitute a waste of water which subjects the offender(s) to penalties as defined in Section XI of this Plan.

## **Section II: Public Involvement**

Opportunity for the public to provide input into the preparation of the Plan was provided by the City of Lorena by means of monthly City Council meetings.

## **Section III: Public Education**

The City of Lorena will periodically provide the public with information about the Plan, including information about the conditions under which each stage of the Plan is to be initiated or terminated and the drought response measures to be implemented in each stage. This information will be provided by means of a press release and utility bill inserts.

## **Section IV: Coordination with Regional Water Planning Groups**

The service area of the City of Lorena is located within the Brazos Region and the City of Lorena has provided a copy of this Plan to the Brazos River Authority.

## **Section V: Authorization**

The Mayor, or his/her designee is hereby authorized and directed to implement the applicable provisions of this Plan upon determination that such implementation is necessary to protect public health, safety, and welfare. The Mayor, or his/her designee, shall have the authority to initiate or terminate drought or other water supply emergency response measures as described in this Plan.

## **Section VI: Application**

The provisions of this Plan shall apply to all persons, customers, and property utilizing water provided by the City of Lorena. The terms "person" and "customer" as used in the Plan include individuals, corporations, partnerships, associations, and all other legal entities.

## Section VII: Definitions

For the purposes of this Plan, the following definitions shall apply:

Aesthetic water use: water use for ornamental or decorative purposes such as fountains, reflecting pools, and water gardens.

Commercial and institutional water use: water use which is integral to the operations of commercial and non-profit establishments and governmental entities such as retail establishments, hotels and motels, restaurants, and office buildings.

Conservation: those practices, techniques, and technologies that reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water or increase the recycling and reuse of water so that a supply is conserved and made available for future or alternative uses.

Customer: any person, company, or organization using water supplied by City of Lorena.

Domestic water use: water use for personal needs or for household or sanitary purposes such as drinking, bathing, heating, cooking, sanitation, or for cleaning a residence, business, industry, or institution.

Even number address: street addresses, box numbers, or rural postal route numbers ending in 0, 2, 4, 6, or 8 and locations without addresses.

Industrial water use: the use of water in processes designed to convert materials of lower value into forms having greater usability and value.

Landscape irrigation use: water used for the irrigation and maintenance of landscaped areas, whether publicly or privately owned, including residential and commercial lawns, gardens, golf courses, parks, and rights-of-way and medians.

Non-essential water use: water uses that are neither essential nor required for the protection of public, health, safety, and welfare, including:

- (a) irrigation of landscape areas, including parks, athletic fields, and golf courses, except otherwise provided under this Plan;
- (b) use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle;
- (c) use of water to wash down any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
- (d) use of water to wash down buildings or structures for purposes other than immediate fire protection;
- (e) flushing gutters or permitting water to run or accumulate in any gutter or street;
- (f) use of water to fill, refill, or add to any indoor or outdoor swimming pools or jacuzzi-type pools;
- (g) use of water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life;
- (h) failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s); and
- (i) use of water from hydrants for construction purposes or any other purposes other than firefighting.

Odd numbered address: street addresses, box numbers, or rural postal route numbers ending in 1, 3, 5, 7, or 9.

## **Section VIII: Criteria for Initiation and Termination of Drought Response Stages**

The Mayor, or his/her designee shall monitor water supply and/or demand conditions on a daily basis and shall determine when conditions warrant initiation or termination of each stage of the Plan, that is, when the specified "triggers" are reached.

The triggering criteria described below are based on known system capacity limits.

### **Stage 1 Triggers - MILD Water Shortage Conditions**

#### Requirements for initiation

Customers shall be requested to voluntarily conserve water and adhere to the prescribed restrictions on certain water uses, defined in Section VII- Definitions, when the total daily water demand equals or exceeds 1.1 million gallons for three (3) consecutive days or water pressure in the distribution system remains below 45 psi for more than six (6) consecutive hours.

#### Requirements for termination

Stage I of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of three (3) consecutive days.

### **Stage 2 Triggers - MODERATE Water Shortage Conditions**

#### Requirements for initiation

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses provided in Section IX of this Plan when the total daily water demand equals or exceeds 1.2 million gallons for three (3) consecutive days or water pressure in the distribution system remains below 40 psi for more than six (6) consecutive hours, or ground storage reservoirs remain below 80 percent of the total storage for more than two (2) consecutive days, or failure of one well during a simultaneous period.

#### Requirements for termination

Stage 2 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of three (3) consecutive days. Upon termination of Stage 2, Stage 1 becomes operative.

### **Stage 3 Triggers - SEVERE Water Shortage Conditions**

#### Requirements for initiation

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses for Stage 3 of this Plan when the total daily water demand equals or exceeds 1.25 million gallons for three (3) consecutive days or failure of one (1) well or imminent failure of system components where immediate health or safety hazards exist.

#### Requirements for termination

Stage 3 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of three (3) consecutive days. Upon termination of Stage 3, Stage 2 becomes operative.

## **Stage 4 Triggers - EMERGENCY Water Shortage Conditions**

### Requirements for initiation

Customers shall be required to comply with the requirements and restrictions for Stage 4 of this Plan when Mayor, or his/her designee, determines that a water supply emergency exists based on:

1. Major water line breaks, or pump or system failures occur, which cause unprecedented loss of capability to provide water service; or
2. Failure of (2) two wells during the months of June, July, and August or
3. Natural or man-made contamination of the water supply source(s).

### Requirements for termination

Stage 4 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist.

## **Section IX: Drought Response Stages**

The Mayor, or his/her designee, shall monitor water supply and/or demand conditions on a daily basis and, in accordance with the triggering criteria set forth in Section VIII of this Plan, shall determine that a mild, moderate, severe, critical, emergency or water shortage condition exists and shall implement the following notification procedures:

Notification:

### Notification of the Public

The Mayor or his/ her designee shall notify the public by means of:

- (1) publication in a newspaper of general circulation,
- (2) direct mail to each customer,
- (3) public service announcements,
- (4) signs posted in public places.

### Additional Notification

The Mayor or his/ her designee shall notify directly, or cause to be notified directly, the following individuals and entities:

- (1) Mayor and members of the City Council
- (2) Fire Chief
- (3) County Emergency Management Coordinator
- (4) TCEQ (*required when mandatory restrictions are imposed*)

## **Stage 1 Response - MILD Water Shortage Conditions**

### Goal

Achieve a voluntary reduction in total water use.

### Supply Management Measures

The City of Lorena in an effort to manage limited water supplies and/or reduce water demand will reduce or discontinue flushing of water mains, reduce or discontinue irrigation of public landscaped areas.

### Voluntary Water Use Restrictions

(a) Water customers are requested to voluntarily limit the irrigation of landscaped areas to Mondays, Thursdays, and Saturdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Tuesdays, Fridays and Sundays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), and to irrigate landscapes only between the hours of 6:00 A.M. to 10:00 A.M. and 8:00 P.M. to 10:00 P.M. on designated watering days. NO WATERING ON WEDNESDAYS. The City will publicize watering schedule.

(b) All operations of the City of Lorena shall adhere to water use restrictions prescribed for Stage 2 of the Plan.

(c) Water customers are requested to practice water conservation and to minimize or discontinue water use for non-essential purposes.

## **Stage 2 Response - MODERATE Water Shortage Conditions**

### Goal

Achieve a 20 percent reduction in total water use.

### Supply Management Measures

The City of Lorena in an effort to manage limited water supplies and/or reduce water demand will reduce or discontinue flushing of water mains, reduce or discontinue irrigation of public landscaped areas.

### Water Use Restrictions

Under threat of penalty for violation, the following water use restrictions shall apply to all persons:

- (a) Irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems shall be limited to Mondays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Tuesdays and Fridays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), and irrigation of landscaped areas is further limited to the hours of 6:00 A.M. until 10:00 A.M. and between 8:00 P.M. and 10:00 P.M. on designated watering days. NO WATERING ON WEDNESDAYS, SATURDAYS, OR SUNDAYS.
- (b) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is prohibited except on designated watering days between the hours of 6:00 A.M. and 10:00 A.M. and between 8:00 P.M. and 10:00 P.M. Such washing, when allowed, shall be done with a hand-held bucket or a hand-held hose equipped with a positive shutoff nozzle for quick rises. Vehicle washing may be done at any time on the immediate premises of a commercial car wash or commercial service station. Further, such washing may be exempted from these regulations if the health, safety, and welfare of the public are contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.

- (c) Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or Jacuzzi-type pools is prohibited except on designated watering days between the hours of 6:00 A.M. and 10:00 A.M., and between 8 P.M. and 10:00 P.M.
- (d) Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a recirculating system.
- (e) Use of water from hydrants shall be limited to firefighting, related activities, or other activities necessary to maintain public health, safety, and welfare, except that use of water from designated fire hydrants for construction purposes may be allowed under special permit from the City of Lorena.
- (f) Use of water for the irrigation of golf course greens, tees, and fairways is prohibited except on designated watering days between the hours 6:00 A.M. and 10:00 A.M. and between 8:00 P.M. and 10:00 P.M. However, if the golf course utilizes a water source other than that provided by the City of Lorena, the facility shall not be subject to these regulations.
- (g) All restaurants are prohibited from serving water to patrons except upon request of the patron.
- (h) The following uses of water are defined as non-essential and are prohibited:
  - 1. Wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
  - 2. Use of water to wash clown buildings or structures for purposes other than immediate fire protection;
  - 3. Use of water for dust control;
  - 4. Flushing gutters or permitting water to run or accumulate in any gutter or street; and
  - 5. Failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

### **Stage 3 Response - SEVERE Water Shortage Conditions**

#### Goal

Achieve a 30 percent reduction in total water use.

#### Supply Management Measures

The City of Lorena in an effort to manage limited water supplies and/or reduce water demand will reduce or discontinue flushing of water mains, reduce or discontinue irrigation of public landscaped areas.



### Water Use Restrictions

All requirements of Stage 2 shall remain in effect during Stage 3 except:

- (a) No Outdoor water use.
- (b) The filling, refilling, or adding of water to swimming pools, wading pools, and jacuzzi-type pools is prohibited.
- (c) Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a recirculating system.
- (d) No application for new, additional, expanded, or increased in size water service connections, meters, service lines, pipeline extensions, mains, or water service facilities of any kind shall be approved, and time limits for approval of such applications are hereby suspended for such time as this drought response stage or a higher-numbered stage shall be in effect.

### **Stage 4 Response - EMERGENCY Water Shortage Conditions**

#### Goal

Discontinue all water system operations.

#### Supply Management Measures

The City of Lorena will initiate emergency response procedures.

#### Water Use Restrictions

### **Section X: Enforcement**

- (a) No person shall knowingly or intentionally allow the use of water from the City of Lorena for residential, commercial, industrial, agricultural, governmental, or any other purpose in a manner contrary to any provision of this Plan, or in an amount in excess of that permitted by the drought response stage in effect at the time pursuant to action taken by Mayor, or his/her designee, in accordance with provisions of this Plan.
- (b) Any person who violates this Plan is guilty of a misdemeanor and, upon conviction, shall be punished by a fine of not less than ten dollars (\$10.00) and not more than two hundred dollars (\$200.00). Each day that one or more of the provisions in this Plan is violated shall constitute a separate offense. If a person is convicted of three or more distinct violations of this Plan, the Mayor shall, upon due notice to the customer, be authorized to discontinue water service to the premises where such violations occur. Services discontinued under such circumstances shall be restored only upon payment of a re-connect ion charge, hereby established at \$50.00, and any other costs incurred by the City of Lorena in discontinuing service. In addition, suitable assurance must be given to the Mayor that the same action shall not be repeated while the Plan is in effect. Compliance with this plan may also be sought through injunctive relief in the district court.

- (c) Any person, including a person classified as a water customer of the City of Lorena, in apparent control of the property where a violation occurs or originates shall be presumed to be the violator, and proof that the violation occurred on the person's property shall constitute a rebuttable presumption that the person in apparent control of the property committed the violation, but any such person shall have the right to show that he/she did not commit the violation. Parents shall be presumed to be responsible for violations of their minor children and proof that a violation, committed by a child, occurred on property within the parents' control shall constitute a rebuttable presumption that the parent committed the violation, but any such parent may be excused if he/she proves that he/she had previously directed the child not to use the water as it was used in violation of this Plan and that the parent could not have reasonably known of the violation.
- (d) Any employee of the City of Lorena, police officer, or other city employee designated by the Mayor, may issue a citation to a person he/she reasonably believes to be in violation of this Ordinance. The citation shall be prepared in duplicate and shall contain the name and addresses of the alleged violator, if known, the offense charged, and shall direct him/her to appear in the municipal court on the date shown on the citation for which the date shall not be less than 3 days nor more than 5 days from the date the citation was issued. The alleged violator shall be served a copy of the citation. Service of the citation shall be complete upon delivery of the citation to the alleged violator, to an agent or employee of a violator, or to a person over 14 years of age who is a member of the violator's immediate family or is a resident of the violator's residence. The alleged violator shall appear in municipal court to enter a plea of guilty or not guilty for the violation of this Plan. If the alleged violator fails to appear in municipal court, a warrant for his/her arrest may be issued. A summons to appear may be issued in lieu of an arrest warrant. These cases shall be expedited and given preferential setting in municipal court before all other cases.

## **Section XI: Variances**

The Mayor, or his/her designee, may, in writing, grant temporary variance for existing water uses otherwise prohibited under this Plan if it is determined that failure to grant such variance would cause an emergency condition adversely affecting the health, sanitation, or fire protection for the public or the person requesting such variance and if one or more of the following conditions are met:

- (a) Compliance with this Plan cannot be technically accomplished during the duration of the water supply shortage or other condition for which the Plan is in effect.
- (b) Alternative methods can be implemented which will achieve the same level of reduction in water use.

Persons requesting an exemption from the provisions of this Ordinance shall file a petition for variance with the City of Lorena within 5 days after the Plan or a particular drought response stage has been invoked. All petitions for variances shall be reviewed by the Mayor, or his/her designee, and shall include the following:

- (a) Name and address of the petitioner(s).
- (b) Purpose of water use.
- (c) Specific provision(s) of the Plan from which the petitioner is requesting relief.
- (d) Detailed statement as to how the specific provision of the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this Ordinance.
- (e) Description of the relief requested.
- (f) Period of time for which the variance is sought.
- (g) Alternative water use restrictions or other measures the petitioner is taking or proposes to take to meet the intent of this Plan and the compliance elate.
- (h) Other pertinent information.

Variances granted by the City of Lorena shall be subject to the following conditions, unless waived or modified by the Mayor or his/her designee:

- (a) Variances granted shall include a timetable for compliance.
- (b) Variances granted shall expire when the Plan is no longer in effect, unless the petitioner has failed to meet specified requirements.

No variance shall be retroactive or otherwise justify any violation of this Plan occurring prior to the issuance of the variance.

# LORENA POLICE DEPARTMENT



COUNCIL REPORT  
MARCH 2024

# CALLS FOR SERVICE BY TYPE – FEBRUARY 2024

DESCRIPTION:	# OF CALLS
BURGLAR ALARM	1
ANIMAL CALL/BITE	3
ABANDONED VEHICLE	1
ACCIDENT	10
ASSAULT	2
ASSIST CITIZEN	2
ASSIST MOTORIST	22
ASSIST OTHER AGENCIES	15
ASSIST OTHER AGENCIES-K9	2
BUILDING CHECK	2
CIVIL MATTER	1
DISTURBANCE	3
EMS	9
FIRE	2
FIRE TRAINING	1
FOLLOW UP	8
FOOT PATROL	9
FRAUD	1
INVESTIGATION OF INSANITY	2
RECKLESS DAMAGE / DESTRUCTION	1
RECKLESS DRIVING	2
SUSPICIOUS CIRCUMSTANCES	1
SUSPICIOUS PERSON	6
SUSPICIOUS VEHICLE	1
THEFT	3
TRAFFIC COMPLAINTS	7
TRAFFIC CONTROL	1
TRAFFIC HAZARD	4
VCO – DOG	4
VCO – PARKING	1
VCO – SOLICITATION	2
WARRANT SERVICE	1
WELFARE CONCERN	4
911 HANGUP / MISDIAL	3
<b>TOTAL</b>	<b>137</b>

# CALLS FOR SERVICE – DETAILED

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March 3, 2024 – Disturbance call between occupants of a vehicle that broke down at Tommy's Convenience Store. The disturbance was settled by one occupant calling a LYFT driver for the other occupant.

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March 3, 2024 – Called to assist DPS on an injury accident with entrapment on Old Lorena Rd. Two patients were transported to the hospital by ambulance.

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March 11, 2024 – Call of suspicious person sitting on the shoulder of the interstate. It was determined this person needed assistance with a nearby vehicle that was broken down.

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March 14, 2024 – One vehicle rollover accident on Interstate 35, blocking the left lane. The vehicle was towed from the scene, and no one was transported to the hospital

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March 21, 2024 – Call of female loitering and bothering customers at Brookshire's. After multiple previous calls involving this female, she was criminally trespassed from the property, per management request.

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March 22, 2024 – Welfare concern on a resident reported to have made threats of self harm while playing video games. Resident was checked on and found to be ok.

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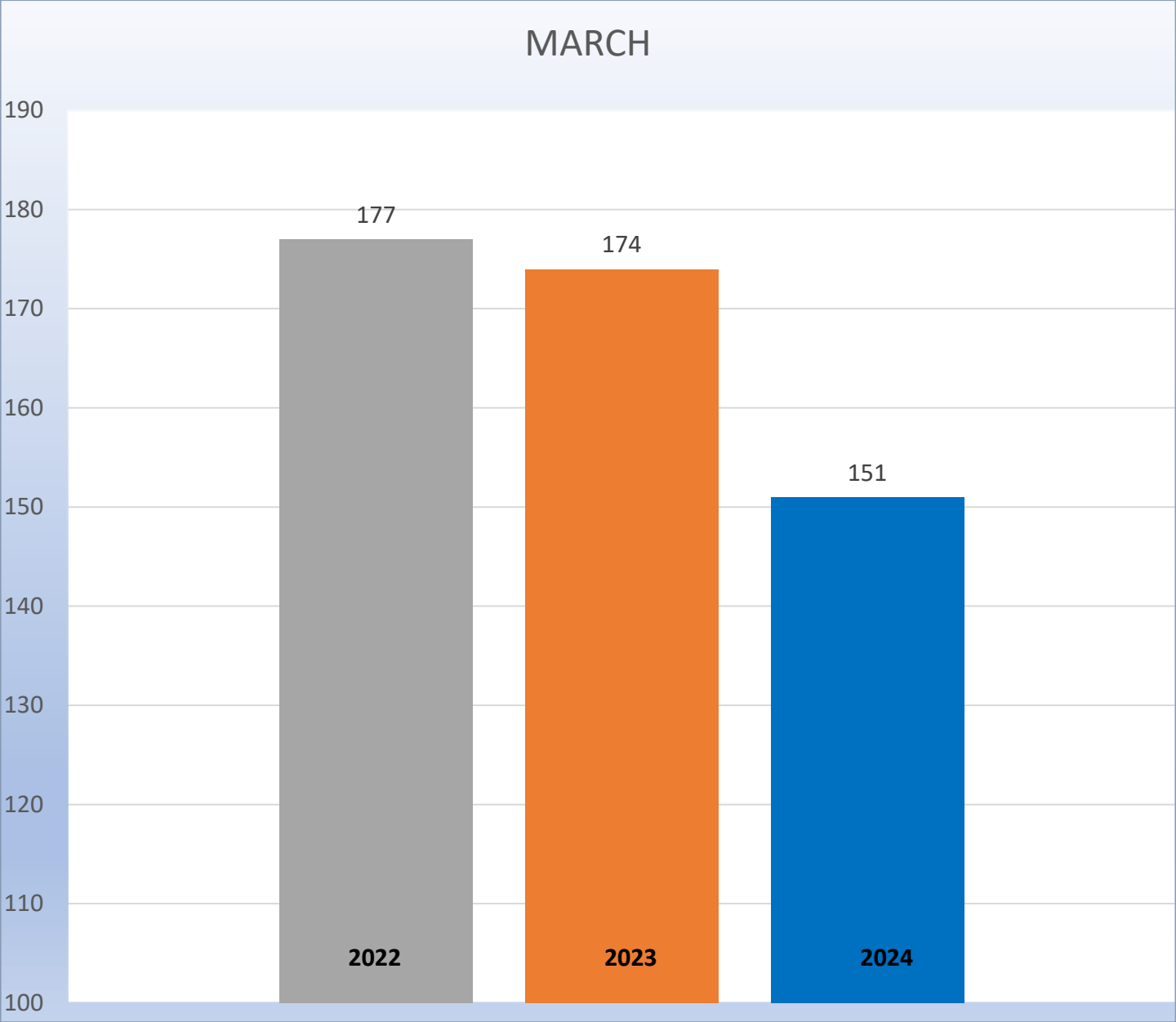
March 24, 2024 – Call of suspicious activity at one of the new construction sites. Reporting party stated someone was operating a forklift on the property after hours. It was found to be workers on the property.

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March 28, 2024 – Report of a disturbance between family members. Disturbance was settled by separating all parties.

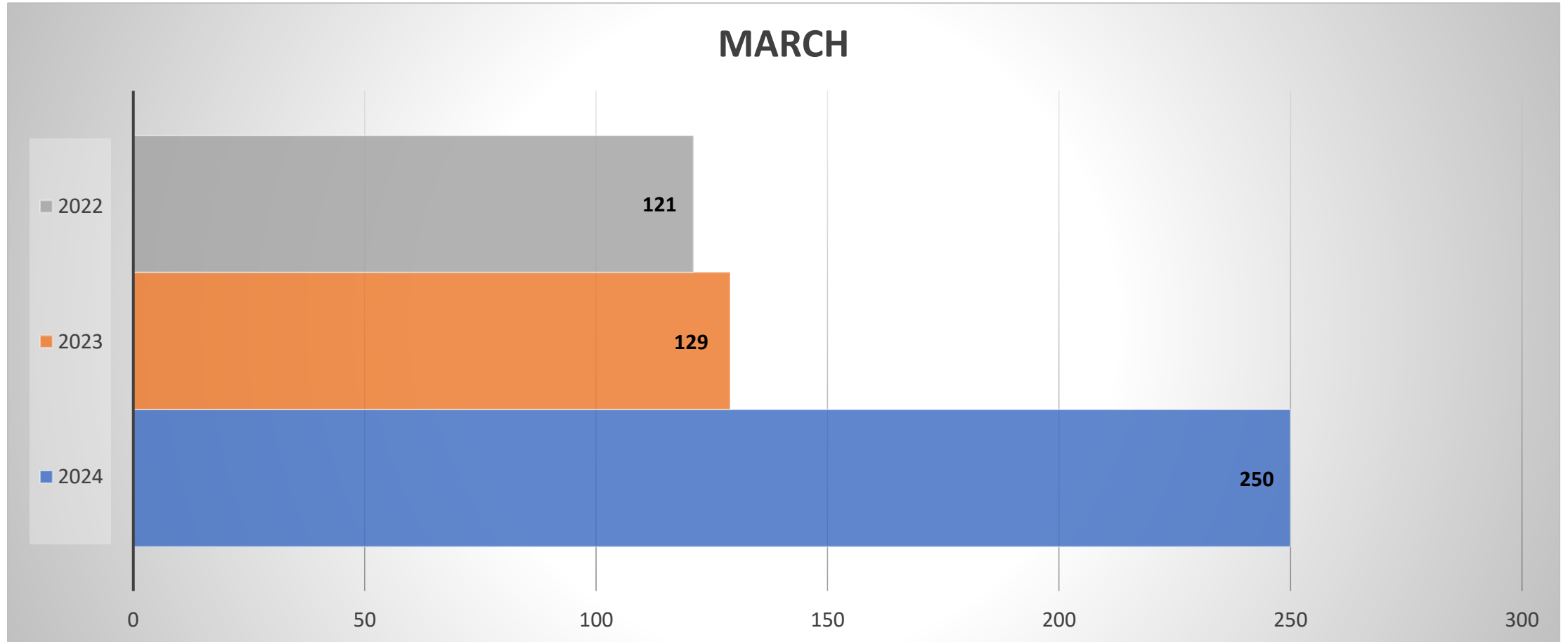


# CALLS FOR SERVICE - GRAPH





# TRAFFIC STOPS BY LORENA POLICE





# K-9 DEPLOYMENTS/SEIZURES

TOTAL DEPLOYMENTS - 3

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graph TD; A[TOTAL DEPLOYMENTS - 3] --> B[DEPLOYMENT FOR NEIGHBORING AGENCIES - 1  
LORENA UNIT DEPLOYMENTS - 2]; B --> C[SEIZURES OF DRUGS/DRUG PARAPHERNALIA/FIREARMS: 13]; C --> D[DRUG TYPES: MARIJUANA - 2, TCH EDIBLES/OIL, MUSHROOMS - 5,  
METHAMPHETAMINE - 2, DRUG PARAPHERNALIA - 3, HANDGUN - 1];
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DEPLOYMENT FOR NEIGHBORING AGENCIES - 1  
LORENA UNIT DEPLOYMENTS - 2

SEIZURES OF DRUGS/DRUG PARAPHERNALIA/FIREARMS: 13

DRUG TYPES: MARIJUANA - 2, TCH EDIBLES/OIL, MUSHROOMS - 5,  
METHAMPHETAMINE - 2, DRUG PARAPHERNALIA - 3, HANDGUN - 1

# ARRESTS

- March 3, 2024 – Greer stopped a vehicle on the Interstate after finding that the registration was invalid. The driver was later arrested for displaying a license plate that he knew belonged to another vehicle.
- March 5, 2024 – Perry stopped a vehicle after observing the vehicle had no license plate light. She approached the vehicle and found the occupants acting suspicious during the interview. She called for a K-9 and the K-9 later alerted on the vehicle. A search later located drugs and the driver was arrested.
- March 9, 2024 – Officer Perry stopped a vehicle after observing the vehicle failing to drive in a single lane. She approached the vehicle and smelled a strong odor of alcohol coming from the vehicle. She conducted her roadside interview with the driver and field test to make sure he was able to drive the vehicle. The driver was later arrested after the field test and was found during a search to have THC vape in his pocket.
- March 13, 2024 – Becknauld was checking traffic on the Interstate for traffic violations and observed a vehicle swerving in and out of traffic changing lanes. He checked the speed on the vehicle, and it was traveling at 59 miles over the speed limit, 134/75. The vehicle was stopped, and the driver was arrested.
- March 31, 2024 – Greer was dispatched to a one vehicle rollover accident. He arrived and found that the vehicle had been occupied by two individuals. One individual admitted to driving the vehicle and to have been drinking earlier. During follow up investigation at the scene a THC vape pen was found, and the driver also admitted to the pen. The passenger was being observed by firefighters while Greer was completing his accident investigation and observed the passenger trying to get rid of a small plastic bottle. They alerted Greer and he later found the item hidden in the passenger's shoe. Both subjects were arrested on multiple charges.
- **TOTAL ARRESTS - 6**



# INVESTIGATIONS

- March 16, 2024 – Resident reported finding her vehicle doors opened and the vehicle had possibly been rummaged through by an unknown suspect. Resident also reported a theft of Power Wheel batteries from under her carport.
- March 18, 2024 – Skid steer theft from a construction site. A suspect has been identified and the investigation is ongoing.
- March 25, 2024 – A wallet and contents were turned into the Police Department after a citizen found it in a restroom at a convenience store. The owner was contacted by phone and his wallet was returned to him.





# WELCOME OFFICER MIKE DRUMMOND, 859

Mike is a Waco native who graduated from La Vega High School. He comes to us from the McLennan County Sheriff's Department where he worked for 8 years. Mike has worked as a jailer, Special Response Team member and leader, and ultimately a supervisor. After leaving the jail, Mike went on to work as a deputy in the County's court buildings. Mike graduated from the McLennan Community College Law Enforcement Academy in 2019. He is currently certified in Mental Health and a Taser and state Texas Commission on Law Enforcement (TCOLE) instructor. Mike is also a black belt in both Taekwondo and Hapkido.

When not at work, he enjoys spending time with his wife and Lorena grad, Peyton, and his two boys, Memphis & Rhett. He also owns his own pressure washing business, First Responder Pressure Washing.



# DEPARTMENT TRAINING

Officer Board, Officer Becknauld, and Officer Greer attended training at Hewitt PD on Arrest, Search & Seizure. The class was taught by members of the McLennan County District Attorney's Office.

All department personnel completed De-Escalation training online throughout the month.



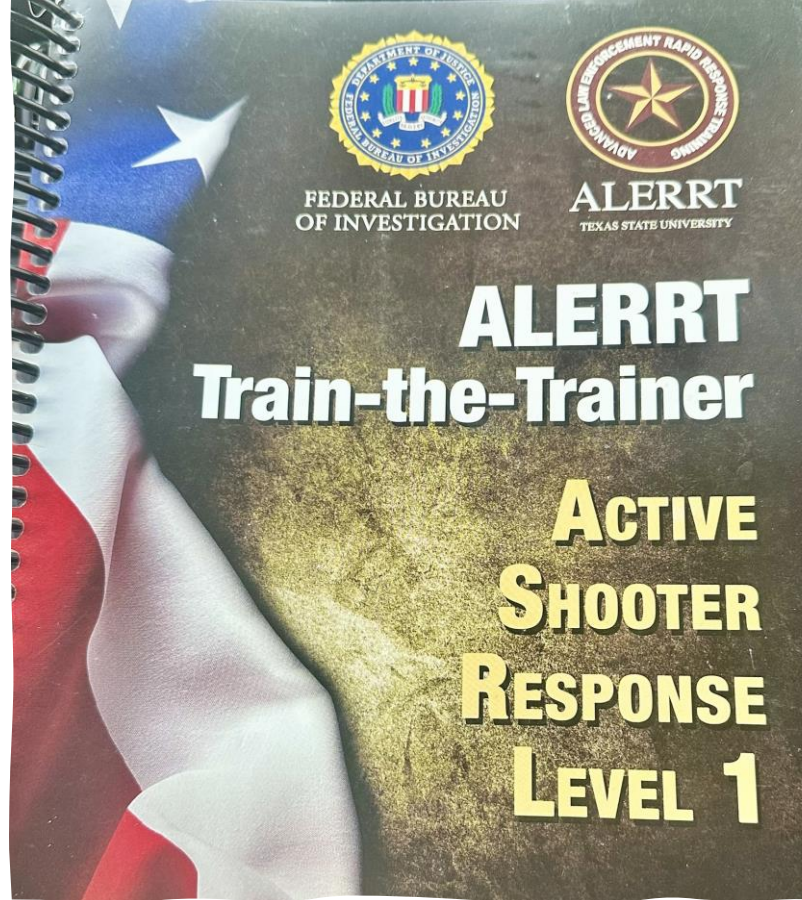


# TPCA CONFERENCE 2024

## (Texas Police Chief Association)







# ALERRT TRAINING

One of the many ways we train for an active shooter is through Advanced Law Enforcement Rapid Response Training (ALERRT).

In mid March, Sergeant Rivas, along with representatives from 10 other states, attended Active Shooter Level I instructor training. Upon completion of this training, Sgt. Rivas is now a certified ALERRT instructor and can teach the rest of the department and others on active shooter response, force-on-force options, and scenarios allowing them to become certified in Level I Active Shooter.

We are continuously finding ways to continue our commitment to this community. With this certification, Sgt. Rivas is able to train staff in-house without having to send our personnel away for training. This is not only convenient and easier to accommodate, but it saves on tuition, housing, and any other financial burden that goes along with outside training.



# INVESTING IN THE LEADERS OF TOMORROW

- During Spring Break, SRO Perry, Bull, and Serrato visited three students to support their lemonade stand. (Left)
- SRO Perry visited with elementary students for Career Day to discuss the roles and responsibilities of law enforcement. Students were able to see some of the equipment SROs carry daily. (Right)





# POLAR PLUNGE 2024

On March 9, several City of Lorena staff members participated in the annual Polar Plunge event. TEAM LORENA raised the most money, over \$4,200, of all the teams present. At least HALF of this money earned will stay in Lorena to benefit our local student athletes.

