

MINUTES OF MEETING OF BOARD OF SUPERVISORS
APRIL 9, 2024

THE STATE OF TEXAS	§
COUNTY OF HARRIS	§
MEMORIAL VILLAGES WATER AUTHORITY	§

The Board of Supervisors (the "Board") of Memorial Villages Water Authority (the "Authority") met in regular session, open to the public, on April 9, 2024, at the Authority's office at 8955 Gaylord, Houston, Harris County, Texas at 7:00 p.m., whereupon the roll was called of the members of the Board, to wit:

Gary Schenk, President
Will Wilson, Vice President
Randolph Ewing, Secretary
Veronica Roa, Assistant Secretary
Cathy Stubbs, Treasurer
Unal Baysal, Assistant Secretary
Locke Braly, Assistant Secretary

Persons Attending. All members of the Board were present, except Supervisor Roa, thus constituting a quorum. Also attending were Mr. Trey Cantu, General Manager of the Authority; Mr. John Davis and Mr. Norman Gutierrez of Langford Engineering, Inc. ("LEI"), Engineer for the Authority; Ms. Kathleen Ellison and Ms. Kaity Malek of Norton Rose Fulbright US LLP ("NRF"), Attorneys for the Authority.

Call to Order. The President called the meeting to order in accordance with notice posted pursuant to law, a Certificate of Posting of which is attached hereto as Exhibit "A," and the following business was transacted:

1. **Public Comments.** There were no public comments at this time.
2. **Approve minutes of the March 12, 2024 regular meeting.** Proposed minutes of the March 12, 2024 meeting, previously distributed to the Board, were submitted for consideration and approval. Upon motion by Supervisor Wilson, seconded by Supervisor Braly, after full discussion and the question being put to the Board, the Board voted unanimously to approve the minutes of the March 12, 2024 regular meeting, as presented.
3. **Status report on Clarifier Project at Wastewater Treatment Plant and take any necessary action.** Mr. Gutierrez reported that LEI met with the contractor yesterday and he expects LEI to get a submittal for the clarifier equipment on Friday. He stated that this project is still in line to be completed by the end of the year.
4. **Status report on Blower Panel Rehabilitation Project at Wastewater Treatment Plant and take any necessary action.** Mr. Gutierrez stated that the contractor has been authorized to proceed with its submittals and has completed all construction plans.

5. Status Report on Booster Pump Rehabilitation Project at Piney Point Water Plant and take any necessary action. Mr. Gutierrez stated that this project is ongoing. He reported that the contractor has mobilized and that the existing booster pump pad has been demolished and the contractor is proceeding with the new pump pad. Mr. Gutierrez then presented Pay Estimate No. 1 in the amount of \$31,950.00 for review and approval, a copy of which is hereto attached at Exhibit B. He stated that LEI will be holding 10% retainage until work is done. Discussion ensued.

6. Supervisor Baysal joined the meeting at this time.

7. Upon motion by Supervisor Ewing, seconded by Supervisor Stubbs, after full discussion and the question being put to the Board the Board voted unanimously to approve Pay Estimate No. 1 in the amount of \$31,950.00.

8. Authorize submittal of 2023 Water Loss Audit to Texas Water Development Board (TWDB) and take any necessary action. Mr. Cantu presented the 2023 Water Audit Report, a copy of which is attached hereto as Exhibit C. Discussion ensued. Upon motion by Supervisor Wilson, seconded by Supervisor Baysal, after full discussion and the question being put to the Board the Board voted unanimously to authorize submittal of 2023 water loss audit to the Texas Water Development Board.

9. Resolution to adopt 5-Year update of Water Conservation Plan and Drought Contingency Plan to the Texas Commission on Environmental Quality (TCEQ) and Texas Water Development Board (TWDB) and take any necessary action. Mr. Cantu presented to and reviewed with the Board the 5-year update of the Water Conservation Plan and Drought Contingency Plan, a copy of which is hereto attached at Exhibit D. He stated that this is required to be submitted to the Texas Commission on Environmental Quality and Texas Water Development Board once updated with two minor percentage changes. Extensive discussion ensued. Upon motion by Supervisor Braly, seconded by Supervisor Baysal, after full discussion and the question being put to the Board the Board voted unanimously to authorize transmittal of the 5-Year update of the Water Conservation Plan and Drought Contingency Plan to the Texas Commission on Environmental Quality and Texas Water Development Board.

10. Discuss Employee Salary Adjustments and take any necessary action. Mr. Cantu discussed proposed employee pay raises with the Board. Mr. Cantu gave a history of pay raises and the criteria used. Extensive discussion ensued.

Mr. Cantu left the meeting and the Board discussed his salary adjustment. Mr. Cantu then re-entered the meeting.

Upon motion by Supervisor Stubbs, seconded by Supervisor Baysal, after full discussion and the question being put to the Board, the Board voted unanimously to approve the salary adjustments for employees specified by the Board and authorize the general manager to move forward with a salary study to be used for the next budget year.

11. Consider purchase of one (1) commercial fleet truck from Caldwell County, a BuyBoard vendor, and take any necessary action. Mr. Cantu presented to and reviewed with the

Board the contract pricing for a commercial fleet truck, a copy of which is hereto attached as Exhibit E. He stated that the reason for the purchase is to replace an existing truck that was involved in an accident. Extensive discussion ensued. Upon motion by Supervisor Stubbs, seconded by Supervisor Wilson, after full discussion and the question being put to the Board, the Board voted unanimously to approve the purchase of the 2024 Silverado 1500 Crew 2WD WT in the amount of \$ 46,325.00 from Caldwell County, a BuyBoard vendor.

12. Review draft budget for Fiscal Year 2025, and take any necessary action. Mr. Cantu presented to and reviewed with the Board the proposed budget for fiscal year ending April 30, 2025, a copy of which is attached hereto as Exhibit F. Extensive discussion ensued regarding the anticipated revenues, expenditures, and reserves. Mr. Cantu said he wanted to implement a formal process for adjusting budget line items. He thanks Supervisors Braly and Stubbs for their work on the budget.

Upon motion by Supervisor Baysal, seconded by Supervisor Stubbs, after full discussion and the question being put to the Board, the Board voted unanimously to adopt the budget for fiscal year ending April 30, 2025.

13. Manager's Report including: monthly water samples, Wastewater Treatment Facility's monthly discharge compliance, Tax Recap, Investment Report on the Authority's investments, monthly Identity Theft Compliance Report, and any other matters concerning business of the Authority. Mr. Cantu presented to and reviewed with the Board the Manager's Report.

Mr. Cantu presented the Drinking Water Coliform Report, a copy of which is attached hereto as Exhibit G. Discussion ensued.

Mr. Cantu presented the Discharge Monitoring Report, a copy of which is attached hereto as Exhibit H.

Mr. Cantu presented the Wastewater Treatment Facility Monthly Operating Report, a copy of which is attached hereto as Exhibit I. He stated that there were no violations this month and that all monthly water samples are in compliance.

Mr. Cantu reported that there were no identity theft issues within the month.

Mr. Cantu presented the Monthly Tax Office Report, a copy of which is hereto attached as Exhibit J. Discussion ensued.

Mr. Cantu presented the Funds Balance – Investment Report, a copy of which is attached hereto as Exhibit K. Discussion ensued.

Mr. Cantu presented the Budgeted Statement of Revenue and Expenditures, a copy of which is attached hereto as Exhibit L.

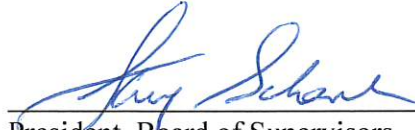
12. Authorize payment of bills. Upon motion by Supervisor Wilson, seconded by Supervisor Baysal, after full discussion and the question being put to the Board, the Board voted unanimously to approve payment of the bills, a list of which is attached hereto as Exhibit M.

Mr. Cantu reported that the City of Hedwig invited him to the upcoming meeting to discuss the Magdalene project. Extensive discussion ensued regarding the Authority moving forward with the project. The Board noted that the budget includes \$800,000 for the project in the upcoming year.

THERE BEING NO FURTHER BUSINESS TO COME BEFORE THE BOARD, the meeting was adjourned.

* * *

The above and foregoing minutes were passed and approved by the Board of Supervisors on May 14, 2024.



President, Board of Supervisors

ATTEST:


Secretary, Board of Supervisors

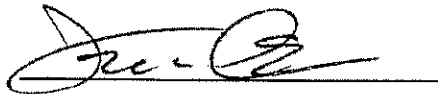
CERTIFICATE OF POSTING

THE STATE OF TEXAS
COUNTY OF HARRIS
MEMORIAL VILLAGES WATER AUTHORITY

2024 APR 5

I hereby certify that on April 5, 2024 I posted the Notice of Meeting of the Board of Supervisors of Memorial Villages Water Authority, a true copy of which is attached hereto, on the Authority's website and at a place convenient to the public at 8955 Gaylord, Houston, Texas 77024, the administrative office of the Authority within its boundaries, as required by law.

EXECUTED this 5 day of APRIL, 2024.



MEMORIAL VILLAGES WATER AUTHORITY
8955 GAYLORD
HOUSTON, TEXAS 77024

In accordance with Chapter 551, Texas Government Code, and Section 49.063, Texas Water Code, both as amended, take notice that the Board of Supervisors of Memorial Villages Water Authority will meet in regular session, open to the public, at the Water Authority's Building, 8955 Gaylord, Houston, Texas 77024, a location within the Authority, at 7:00 p.m. on **Tuesday, April 9, 2024**. At such meeting, the Board will consider the following:

1. Public Comments;
2. Approve minutes of the March 12, 2024 regular meeting;
3. Status report on Clarifier Project at Wastewater Treatment Plant and take any necessary action;
4. Status report on Blower Panel Rehabilitation Project at Wastewater Treatment Plant and take any necessary action;
5. Status Report on Booster Pump Rehabilitation Project at Piney Point Water Plant and take any necessary action;
6. Authorize submittal of 2023 Water Loss Audit to Texas Water Development Board (TWDB) and take any necessary action;
7. Resolution to adopt 5-Year update of Water Conservation Plan and Drought Contingency Plan to the Texas Commission on Environmental Quality (TCEQ) and Texas Water Development Board (TWDB) and take any necessary action;
8. Discuss Employee Salary Adjustments and take any necessary action;
9. Consider purchase of one (1) commercial fleet truck from Caldwell County a BuyBoard vendor, and take any necessary action;
10. Approve budget for fiscal year ending April 30, 2025 and take any necessary action;
11. Manager's Report including; monthly water samples, Wastewater Treatment Facility's monthly discharge compliance, Tax Recap, Investment Report on the Authority's investments, monthly Identity Theft Compliance Report, and any other matters concerning business of the Authority; and
12. Authorize payment of bills.

Norton Rose Fulbright US LLP, attorneys for Authority

51615217.1 Persons with disabilities who plan to attend this meeting and would like to request auxiliary aids or services are requested to contact the Authority's office at (713) 465-8318 at least three business days prior to the meeting so that appropriate arrangements can be made.

If, during the course of the meeting covered by this Notice, the Board should determine that a closed or executive session of the Board should be held or is required in relation to any agenda item included in this Notice, then such closed or executive meeting or session, as authorized by the Texas Open Meetings Act, will be held by the Board at the date, hour, and place given in this Notice concerning any and all subjects for any and all purposes permitted by Sections 551.071-551.084 of the Texas Government Code and the Texas Open Meetings Act, including, but not limited to, Section 551.071 - for the purpose of a private consultation with the Board's attorney on any or all subjects or matters authorized by law.

Exhibit B

Langford Engineering, Inc.
1080 West Sam Houston Parkway North, Suite 200
Houston, Texas 77043

Monthly Estimate No. 1
LEI Job No. 032-146, Contract No. 1

Piney Point Water Plant - Booster Pump Improvements

19-Mar-24

Thru

31-Mar-24

Owner: Memorial Villages Water Authority
8955 Gaylord
Houston, TX 77024

Contractor: C3 Constructors
502 W. Montgomery #515
Willis, TX 77378

Contract Time: 145 Calendar Days Extensions: 0 Calendar Days

Total Time: 12 Calendar Days Time Used: 12 Calendar Days

Contract Dated:

Work Order Dated: 19-Mar-2024

Completion Date: 11-Aug-2024 (Scheduled)
(Actual)

Percent Time Used: 8.28%

Percent Complete: 4.99%

Current Contract: \$710,992.00

Item No.	Description	Bid Qty	Unit Meas.	Work Prior Period	Work This Period	Qty To Date	Unit Price	Total Amount
Base Bid Items - Civil								
1.	Mobilization of Equipment, Materials, and Personnel on Site, Equipment Storage, As Per Plans And Specifications, Not to Exceed 5% of Base Bid Items, Complete In Place.							
1.1	Mobilization	1	L.S.	0.00	1.00	1.00	\$ 25,500.00	\$25,500.00
1.2	Demobilization	1	L.S.	0.00	0.00	0.00	\$ 8,500.00	\$0.00
2.	Demolition and Proper Disposal (in Compliance with all Applicable State and Local Laws) of 8" Concrete Pavement, Including Saw- Cutting, Removing 8" Curb, As Per Plans and Specifications, Complete In Place	240	S.F.	0.0	0.0	0.00	\$ 21.00	\$0.00
3.	Demolition, Removal and Proper Disposal (in Compliance with All Applicable State and Local Laws and Regulations) of Existing Booster Pump Station Including But Not Limited To Clear Well Basin, Compacted Cement Stabilized Sand Backfill, Booster Pump Pad, Three (3) Vertical Turbine Pumps and Motors, Existing Water Plant Piping and Associated Valves, Fittings, And Other Appurtenances, Within The Limits of Demolition, Also Including Proper Removal and Protection of Existing Electrical Disconnects for Later Reinstallation in Proposed Pump Station, As Per Plans and Specifications, Complete in Place	1	L.S.	0.0	0.0	0.00	\$ 12,000.00	\$0.00
4	Furnish and Install Booster Pump Improvements, Including Installation of One (1) (New) Medium (900 gpm) Horizontal Split Case Pump and Motor Onto Existing Pump Station, As Well As Construction of Proposed Pump Station Including But Limited To Reinforced Concrete Foundation And Supports, Proper Bedding and Backfill, Installation of Two (2) (New) Horizontal Split Case Pumps and Motors: One (1) Small Pump (600 gpm) and One (1) Medium (900 gpm), and Relocation of One (1) Large Pump (1,500 gpm) (Existing) From Existing Pump Station to Proposed Pump Station And Proper Coating, As Per Plans and Specifications, Complete In Place							

Base Bid Items - Civil (Cont'd)

4.1	Deliver (2) 60 HP Pumps	1	L.S.	0.0	0.0	0.00 \$	70,000.00	\$0.00
4.2	Deliver (1) 40 HP Pump	1	L.S.	0.0	0.0	0.00 \$	23,900.00	\$0.00
4.3	Backfill and Booster Pump Foundation	1	L.S.	0.0	0.0	0.00 \$	75,000.00	\$0.00
4.4	Concrete Supports	1	L.S.	0.0	0.0	0.00 \$	5,000.00	\$0.00
4.5	Set Pump #1 #2 #3	1	L.S.	0.0	0.0	0.00 \$	178,000.00	\$0.00
4.6	Install Pump #5	1	L.S.	0.0	0.0	0.00 \$	5,560.00	\$0.00
4.7	Coatings	1	L.S.	0.0	0.0	0.00 \$	24,010.00	\$0.00
5.	All Work and Materials Associated With the Installation of All Proposed Water Plant Yard Piping, Including All Fittings, Thrust Blocking, Air Release Valves, Pressure Relief Valves, Butterfly Valves, Gate Valves, all Valve Boxes and Covers, and Appurtenances As well as the Proper Tie-in to Existing And Proposed Waterlines, Including Proper Coating of all Piping And Valves, Disinfection and Testing for A Fully Functioning System, As Per Plans and Specifications, Complete In Place							
5.1	Install Butterfly Valves, Gate Valves	1	L.S.	0.00	0.00	0.00 \$	66,000.00	\$0.00
5.2	Install Yard Piping	1	L.S.	0.00	0.00	0.00 \$	30,000.00	\$0.00
6.	Furnish and Install 8-inch, Thick Reinforced Concrete Pavement, Including All Construction and Expansion Joints and Joint Sealants, As Per Plans and Specifications As Approved By Engineer, Complete In Place	20	S.Y.	0.00	0.00	0.00 \$	300.00	\$0.00
7.	Cement-Stabilized Sand Subgrade Material for Concrete Pavement, As Per Plans and Specifications, Complete In Place	10	C.Y.	0.0	0.0	0.00 \$	100.00	\$0.00
8.	Preparation, Manipulation, and Compaction of 6-inch Thick Cement-Stabilized Sand Subgrade Under Pavement, Including Excavation and Grading, As Per Plans and Specifications, Complete In Place	20	S.Y.	0.0	0.0	0.00 \$	100.00	\$0.00
9.	All Work and Materials Associated With Construction of 6" Reinforced Concrete Curb, As Per Plans and Specifications, Complete In Place	20	L.F.	0.0	0.0	0.00 \$	30.00	\$0.00
10	Installation, Maintenance, and Removal of Erosion Control Structures, As Per Plans and Specifications, Complete In Place	1	L.S.	0.0	0.0	0.00 \$	1,800.00	\$0.00

Base Bid Items - Electrical

E1.	Furnish and Install Electrical Equipment Including, But Not Limited to Motor Control Center Starter Buckets and Modifications, Floodlight Pole, Conduit, Wire, and All Ancillary Devices As Shown on Construction Drawings, And Demolition/Retrofitting/Repurposing of Existing Electrical Equipment As Per Plans and Specifications, As Directed By Engineer, Complete In Place							
E1.1	Electrical Demo	1	L.S.	0.0	1.0	1.0	\$ 10,000.00	\$10,000.00
E1.2	Underground Conduit with Duct Bank	1	L.S.	0.0	0.0	0.00	\$ 23,000.00	\$0.00
E1.3	Floodlight	1	L.S.	0.0	0.0	0.00	\$ 10,000.00	\$0.00
E1.4	Above Ground Conduit	1	L.S.	0.0	0.0	0.00	\$ 17,500.00	\$0.00
E1.5	Wire & Termination	1	L.S.	0.0	0.0	0.00	\$ 27,000.00	\$0.00
E1.6	MCC Bucket Install	1	L.S.	0.0	0.0	0.00	\$ 45,000.00	\$0.00
E1.7	Testing & Start Up	1	L.S.	0.0	0.0	0.00	\$ 2,500.00	\$0.00
E2.	Allowance for System Programming And SCADA Applications Development And Implementation Per Section 13325 - System Programming, To Be Completed By Baird Gilroy & Dixon, LLC.	1	L.S.	0.0	0.0	0.00	\$ 6,000.00	\$0.00
Supplementary Bid Items								
a.	Extra Concrete, As Approved By Engineer, Complete In Place	25	S.Y.	0.0	0.0	0.00	\$ 270.00	\$0.00
b.	Extra Bank-Sand Bedding and/or Backfill, As Approved By Engineer, Complete In Place	25	S.Y.	0.0	0.0	0.00	\$ 50.00	\$0.00
c.	Extra Aggregate Bedding, As Approved By Engineer, Complete In Place	25	S.Y.	0.0	0.0	0.00	\$ 50.00	\$0.00
d.	Extra Cement-Stabilized Sand Backfill, As Approved By Engineer, Complete In Place	25	S.Y.	0.0	0.0	0.00	\$ 130.00	\$0.00
e.	Additional Underground 1" Electrical Conduit Without Conductors, As Necessary, As Approved By Engineer, Complete In Place	50	L.F.	0.0	0.0	0.00	\$ 25.00	\$0.00
f.	Additional Underground 1- 1/2" Electrical Conduit Without Conductors, As Necessary, As Approved By Engineer, Complete In Place	50	L.F.	0.0	0.0	0.00	\$ 25.00	\$0.00
g.	Additional Underground 2" Electrical Conduit Without Conductors, As Necessary, As Approved By Engineer, Complete In Place	50	L.F.	0.0	0.0	0.00	\$ 30.00	\$0.00

h.	Additional Electrical Conduit Wiring As Necessary, As Approved By Engineer, Complete In Place	50	L.F.	0.0	0.0	0.00 \$	70.00	\$0.00
i.	Removal and Replacement of Existing 12" Ductile Iron Pipe Waterline, Open-Cut Construction, All Depths, Including Excavation, Bedding and Backfill, Fittings, As Approved By Engineer, Complete In Place	24	L.F.	0.0	0.0	0.00 \$	208.00	\$0.00
j.	Removal and Replacement of Existing 18" Ductile Iron Pipe Waterline, Open-Cut Construction, All Depths, Including Excavation, Bedding and Backfill, Fittings As Approved By Engineer, Complete In Place	25	L.F.	0.0	0.0	0.00 \$	200.00	\$0.00

Summary of Work to Date

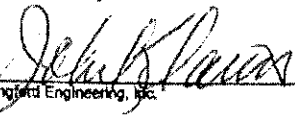
Work Performed to Date	\$35,500.00
Less 10% Retainage	\$3,550.00
Net Amount Earned to Date	\$31,950.00
Add: Materials Stored at Close of Period	\$0.00
Less 10% Retained on Hand	\$0.00
Subtotal Work Completed and Materials Stored	\$31,950.00
Less Previous Payments	
AMOUNT DUE THIS ESTIMATE	\$31,950.00

Summary of Adjusted Contract

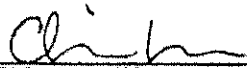
Original Contract Amount	\$ -
Change Order No. 1	
CURRENT CONTRACT AMOUNT	\$ 710,992.00

Note: There are no known disputes between the Contractor and Owner/Engineer concerning the Quantities shown hereon

Recommended for Payment:

By:  Date: 4-3-2024
Langford Engineering, Inc.
Printed Name: John K. Davis

Accepted:

By:  Date: 4/3/24
C3 Constructors, LLC
Printed Name: Chris Wade

Approved:

By:  Date: 4-9-24
Memorial Villages Water Authority
Printed Name: Gary Schenk

Distribution: Memorial Villages Water Authority (1)
Norton Rose Fulbright US, LLP (1)
C3 Constructors, LLC (1)
Langford Engineering, Inc. (1)

TEXAS WATER DEVELOPMENT BOARD
P.O. BOX 13231, CAPITOL STATION
AUSTIN, TX 78711-3231
2023 WATER AUDIT REPORT

A. Water Utility General Information

1. Water Utility Name	<u>MEMORIAL VILLAGES WATER AUTHORITY</u>		
1a. Regional Water Planning Area	<u>H</u>		
1b. Address	<u>8955 GAYLORD ST</u> <u>HOUSTON, TX 77024-2903</u>		
2. Contact Information			
2a. Name	<u>Trey Cantu</u>	Have you completed Water Loss Auditor Training?	
2b. Telephone Number	<u>(956) 451-2480</u>	☐ Yes	
2c. Email Address	<u>trey@mvwva.org</u>	☒ No	
3. Reporting Period			
3a. Start Date	<u>01/01/2023</u>		
3b. End Date	<u>12/31/2023</u>		
4. Source Water Utilization			
4a. Surface Water	<u>51.35</u>	%	
4b. Ground Water	<u>48.65</u>	%	
5. Population Served			
5a. Retail Population Served	<u>9,882</u>		Assessment Scale
5b. Wholesale Population Served	<u>0</u>		
6. Utility's Length of Main Lines	<u>76.64</u>	miles	<u>4.5</u>
7. Total Retail Metered Connections - Active and Inactive	<u>3,785</u>		
7b. Service Connections	<u>3,785</u>		<u>4.5</u>
8. Number of Wholesale Connections Served	<u>0</u>		
9. Service Connection Density	<u>49.39</u>	connections per mile	
10. Average Yearly System Operating Pressure	<u>56.10</u>	psi	<u>4</u>
11. Volume Units of Measure	<u>Gallons</u>		

B. System Input Volume

12. Volume of Water Intake	<u>758,754,000</u>	gallons	
13. Produced Water	<u>758,754,000</u>	gallons	<u>4</u>
13a. Production Meter Accuracy	<u>100.57</u>	%	<u>4</u>
13b. Corrected Input Volume	<u>754,453,614</u>	gallons	
14. Total Treated Purchased Water	<u>800,739,000</u>	gallons	<u>4</u>
14a. Treated Purchased Water Meter Accuracy	<u>109.02</u>	%	<u>4</u>

TEXAS WATER DEVELOPMENT BOARD
P.O. BOX 13231, CAPITOL STATION
AUSTIN, TX 78711-3231
2023 WATER AUDIT REPORT

14b. Corrected Treated Purchased Water Volume	734,488,167	gallons	
15. Total Treated Wholesale Water Sales	0	gallons	N/A
15a. Treated Wholesale Water Meter Accuracy	0.00	%	N/A
15b. Corrected Treated Wholesale Water Sales Volume	0	gallons	
16. Total System Input Volume Line 13b + Line 14b - Line 15b	1,488,941,781	gallons	
C. Authorized Consumption			Assessment Scale
17. Billed Metered	1,284,089,000	gallons	4
18. Billed Unmetered	0	gallons	1
19. Unbilled Metered	738,100	gallons	3
20. Unbilled Unmetered	3,210,223	gallons	3
21. Total Authorized Consumption	1,288,037,323	gallons	
D. Water Losses			
22. Water Losses Line 16 - Line 21	200,904,458	gallons	
E. Apparent Losses			
23. Average Customer Meter Accuracy	97.00	%	3
24. Customer Meter Accuracy Loss	39,714,093	gallons	
25. Systematic Data Handling Discrepancy	3,210,223	gallons	4
26. Unauthorized Consumption	3,210,223	gallons	1
27. Total Apparent Losses	46,134,539	gallons	
F. Real Losses			
28. Reported Breaks and Leaks	2,500,000	gallons	4
29. Unreported Loss	152,269,919	gallons	2
30. Total Real Losses Line 28 + Line 29	154,769,919	gallons	
31. Total Water Losses Line 27 + Line 30	200,904,458	gallons	
32. Non-Revenue Water Line 31 + Line 19 + Line 20	204,852,781	gallons	
G. Technical Performance Indicator for Apparent Loss			
33. Apparent Losses Normalized Line 27 / Line 7b / 365	33.39	gallons lost per connection per day	

TEXAS WATER DEVELOPMENT BOARD
P.O. BOX 13231, CAPITOL STATION
AUSTIN, TX 78711-3231
2023 WATER AUDIT REPORT

H. Technical Performance Indicators for Real Loss

34. Real Loss Volume Line 30	154,769,919	gallons
35. Unavoidable Annual Real Losses Volume (5.41 * Line 6 + (Line 7b * 0.15)) * 365 * Line 10	20,115,548	gallons
36. Infrastructure Leakage Index Line 34 / Line 35	7.69	I.L.I
37. Real Losses Normalized - Service Connections Line 34 / Line 7b / 365	112.03	gallons lost per connection per day
38. Real Losses Normalized - Main Lines Line 34 / Line 6 / 365	0.00	gallons lost per mile per day

I. Financial Performance Indicators

39. Total Apparent Losses Line 27	46,134,539	gallons	
40. Retail Price of Water	0.00465	\$/gallons	4
41. Cost of Apparent Losses Line 39 x Line 40	\$214,526		
42. Total Real Losses Line 30	154,769,919	gallons	
43. Variable Production Cost of Water	0.002580	\$/gallons	4
44. Cost of Real Losses Line 42 x Line 43	\$399,306		
45. Total Cost Impact of Apparent and Real Losses Line 41 + Line 44	\$613,832		
46. Total Assessment Score	72		

J. System Losses and Gallons Per Capita per Day (GPCD)

47. Total Water Loss per Connection per Day Line 22 / Line 7b / 365	145.42	gallons
	413	
48. GPCD Input Line 16 / Line 5a / 365	56	
49. GPCD Loss Line 31 / Line 5a / 365		

K. Wholesale Factor Adjustments

50. Percent of Treated Wholesale Water Traveling through General Distribution System	0.00	%
---	------	---

TEXAS WATER DEVELOPMENT BOARD
P.O. BOX 13231, CAPITOL STATION
AUSTIN, TX 78711-3231
2023 WATER AUDIT REPORT

51. Volume of Treated Wholesale Water Traveling through General Distribution System (Line 50/100) * Line 15b	0	gallons
52. Wholesale Factor Line 15b / (Line 13b + Line 14b)	0.00	
53. Adjusted Real Loss Volume ((1 - Line 52) x (Line 30 * Line 50 / 100)) + (Line 30 - (Line 30 * Line 50/100))	154,769,919	gallons
54. Adjusted Cost of Real Losses ((1 - Line 52) x (Line 44 * Line 50 / 100)) + (Line 44 - (Line 44 * Line 50/100))	\$399,306	
55. Adjusted Total Water Loss Volume ((1 - Line 52) x (Line 31 * Line 50 / 100)) + (Line 31 - (Line 31 * Line 50/100))	200,904,458	gallons
56. Adjusted Total Cost Impact of Apparent and Real Losses ((1 - Line 52) x (Line 45 * Line 50 / 100)) + (Line 45 - (Line 45 * Line 50/100))	\$613,832	
57. Adjusted Real Loss Per Connection ((1 - Line 52) x (Line 37 * Line 50 / 100)) + (Line 37 - (Line 37 * Line 50/100))	112.03	gallons lost per connection per day
58. Adjusted Real Loss Per Mile ((1 - Line 52) x (Line 38 * Line 50 / 100)) + (Line 38 - (Line 38 * Line 50/100))	0.00	gallons lost per mile per day
59. Adjusted Infrastructure Leakage Index ((1 - Line 52) x (Line 36 * Line 50 / 100)) + (Line 36 - (Line 36 * Line 50/100))	7.69	I.L.I
60. Adjusted Total Water Loss Per Connection Per Day (((1 - Line 52) x (Line 37 * Line 50 / 100)) + (Line 37 - (Line 37 * Line 50/100))) + Line 33	145.42	gallons
61. Adjusted GPCD Loss ((1 - Line 52) x (Line 49 * Line 50 / 100)) + (Line 49 - (Line 49 * Line 50/100))	56	

Comments

Exhibit D

RESOLUTION ADOPTING A DROUGHT CONTINGENCY PLAN

WHEREAS, pursuant to Section 11.1272 of the Texas Water Code and applicable rules of the Texas Commission on Environmental Quality, the Board of Supervisors (the "Board") of MEMORIAL VILLAGES WATER AUTHORITY has developed a Drought Contingency Plan; and

WHEREAS, the Board has reviewed the plan and finds it advisable to adopt such plan;

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF MEMORIAL VILLAGES WATER AUTHORITY:

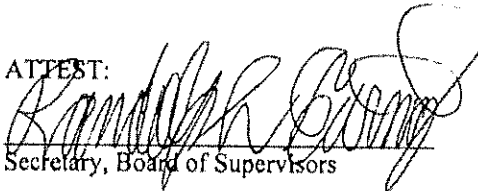
SECTION 1. That the Drought Contingency Plan attached hereto as Exhibit "A" and made part hereof for all purposes be, and the same is hereby, adopted.

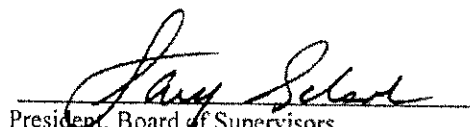
SECTION 2. That the General Manager for the Memorial Villages Water Authority is hereby directed to implement, administer, and enforce the Drought Contingency Plan.

SECTION 3. That this resolution shall take effect immediately upon its passage.

DULY PASSED BY THE BOARD OF SUPERVISORS OF Memorial Villages Water Authority, on this 9 day of April, 2024.

ATTEST:


Secretary, Board of Supervisors


President, Board of Supervisors

RESOLUTION ADOPTING WATER CONSERVATION PLAN

WHEREAS, the Board of Supervisors of MEMORIAL VILLAGES WATER AUTHORITY (the "Government Entity") has developed an updated water conservation plan; and

WHEREAS, the Board of Supervisors (the "Board") now wishes to adopt such plan and submit it to the Texas Commission on Environmental Quality and Texas Water Development Board;

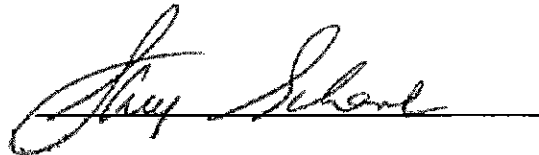
NOW, THEREFORE, BE IT RESOLVED by the Board that:

1. The Board adopts the updated water conservation plan and authorizes the General Manager to make such submittals of the plan as are required by law.

2. The Board hereby authorizes its General Manager to implement the Water Conservation Plan under the direction of the Board.

DATED THIS 9th day of April, 2024.

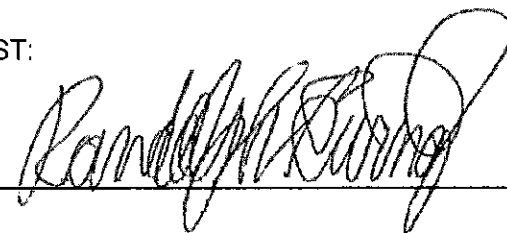
MEMORIAL VILLAGES WATER AUTHORITY

By: 

Name: Gary Schenk

Title: President, Board of Supervisors

ATTEST:

By: 

Name: Randolph Ewing

Title: Secretary, Board of Supervisors

DROUGHT CONTINGENCY PLAN
FOR
MEMORIAL VILLAGES WATER AUTHORITY

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 Memorial Villages Water Authority, (the Water Authority), 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 X of this Plan.

Section II: Public Involvement

Opportunity for the public to provide input into the preparation of the Plan was provided by the Water Authority by means of a Public Hearing held on August 26, 2011 at 8955 Gaylord Drive, Houston, Texas.

Section III: Public Education

The Water Authority 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 direct mailings to all water customers and/or by press releases.

Section IV: Coordination with Regional Water Planning Groups

The service area of the Water Authority is located within Regional Water Planning Group H and the Water Authority has provided a copy of this Plan to the Regional Water Planning Group H by filing an executed copy of such to the San Jacinto River Authority, P.O. Box 329, Conroe, Texas, 77305-0329.

Section V: Authorization

The, General Manager 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 General Manager 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 Water Authority. The terms "person" and "customer" as used in the Plan include, but are not limited to, individuals, corporations, institutions, partnerships, schools, churches, associations, municipalities 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 individual, corporation, partnership, association or other legal entity using water supplied by the Water Authority.

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 or alphanumeric endings.

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, flower beds, gardens, golf courses, athletic fields, 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, right-of-way and medians and, golf courses, except as 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 fire fighting.

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

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

The General Manager, 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. Public notification of the initiation or termination of drought response stages shall be by means of direct mail to each customer or publication in a newspaper of general circulation within the service area of the Water Authority.

The triggering criteria described below are based on a statistical analysis of the vulnerability of the water supply and distribution systems including but not limited to the capacity of all water supply sources, water storage availability and the capacity of the pumping equipment used for distribution of water.

(a) Stage 1 - 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 any one of the following conditions exists:

1. **When, pursuant to requirements specified in the Water Supply Contract Between The City of Houston, Texas and The Memorial Villages Water Authority, notification is received from the City of Houston requesting initiation of Stage 1 of the Drought Contingency Plan.**
2. **When (a) the specific capacity of the Water Authority's available water well(s) is equal to or less than 80 percent of the well's original specific capacity or, (b) the specific capacity of the Water Authority's surface**

water supply is equal to or less than 80 percent of the normal and customary delivery rate or (c) any combination of (a) or (b) that is equal to or less than 80 percent of the supply demand.

3. When total daily water demand equals or exceeds seven million five hundred thousand gallons for five consecutive days or eight million five hundred thousand gallons for a single day.
4. When the Peak Demand of the system equals or exceeds 80 percent of the total available distribution system capacity for a period two (2) hours or more.

Requirements for termination - Stage 1 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of five consecutive days.

(b) Stage 2 - 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 VII of this Plan when any one of the following conditions exists:

1. When, pursuant to requirements specified in the Water Supply Contract Between The City of Houston, Texas and The Memorial Villages Water Authority, notification is received from the City of Houston requesting initiation of Stage 2 of the Drought Contingency Plan.
2. When (a) the specific capacity of the Water Authority's available water well(s) is equal to or less than 85 percent of the well's original specific capacity or, (b) the specific capacity of the Water Authority's surface water supply is equal to or less than 85 percent of the normal and customary delivery rate or (c) any combination of (a) or (b) that is equal to or less than 85 percent of the supply demand.
3. When total daily water demand equals or exceeds seven million eight hundred thousand gallons for five consecutive days or nine million gallons for a single day.
4. When the Peak Demand of the system equals or exceeds 85 percent of the total available distribution system capacity for a period two (2) hours or more.

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 5 consecutive days. Upon termination of Stage 2, Stage 1 becomes operative.

(c) Stage 3 - 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 any one of the following conditions exists:

1. **When, pursuant to requirements specified in the Water Supply Contract Between The City of Houston, Texas and The Memorial Villages Water Authority, notification is received from the City of Houston requesting initiation of Stage 3 of the Drought Contingency Plan.**
2. **When (a) the specific capacity of the Water Authority's available water well(s) is equal to or less than 90 percent of the well's original specific capacity or, (b) the specific capacity of the Water Authority's surface water supply is equal to or less than 90 percent of the normal and customary delivery rate or (c) any combination of (a) or (b) that is equal to or less than 90 percent of the supply demand.**
3. **When total daily water demand equals or exceeds eight million gallons for five consecutive days or nine million five hundred thousand gallons for a single day.**
4. **When the Peak Demand of the system equals or exceeds ~~85~~ 90 percent of the total available distribution system capacity for a period two (2) hours or more.**

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 5 consecutive days. Upon termination of Stage 3, Stage 2 becomes operative.

(d) Stage 4 - Critical 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 4 of this Plan when any one of the following conditions exists:

1. **When, pursuant to requirements specified in the Water Supply Contract Between The City of Houston, Texas and The Memorial Villages Water Authority, notification is received from the City of Houston requesting initiation of Stage 4 of the Drought Contingency Plan.**

2. When (a) the specific capacity of the Water Authority's available water well(s) is equal to or less than 95 percent of the well's original specific capacity or, (b) the specific capacity of the Water Authority's surface water supply is equal to or less than 95 percent of the normal and customary delivery rate or (c) any combination of (a) or (b) that is equal to or less than 95 percent of the supply demand.
3. When total daily water demand equals or exceeds eight million five hundred thousand gallons for five consecutive days or nine million eight hundred thousand gallons for a single day.
4. When the Peak Demand of the system equals or exceeds ~~85~~ 95 percent of the total available distribution system capacity for a period two (2) hours or more.

Requirements for termination - Stage 4 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 5 consecutive days. Upon termination of Stage 4, Stage 3 becomes operative.

(e) Stage 5 - Emergency Water Shortage Conditions

Requirements for initiation - Customers shall be required to comply with the requirements and restrictions for Stage 5 of this Plan when the General Manager 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. Natural or man-made contamination of the water supply source(s).

Requirements for termination - Stage 5 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 3 consecutive days.

Section IX: Drought Response Stages

The General Manager, 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 the Plan, shall determine that a mild, moderate, severe, critical, or emergency condition exists and shall implement the following actions upon direct mail notification or publication of notice in a newspaper of general circulation:

Stage 1 - Mild Water Shortage Conditions

Goal: Achieve a voluntary 15 percent reduction in total water use or 10% reduction in the Total Peak Demand.

Supply Management Measures:

To manage limited water supplies and/or reduce water demand, the following will be implemented directly by Water Authority.

- 1. Reduce or discontinue flushing of water mains.**
- 2. Reduce or discontinue flushing of fire hydrants**
- 3. Restrict use of water from fire hydrants by contractors**
- 4. Reduce or discontinue irrigation of public landscaped areas**
- 5. Reduce system pressure to a maximum of 55 psi**

Voluntary Water Use Restrictions:

- (a) Water customers are requested to voluntarily limit the irrigation of landscaped areas. Irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems shall be limited as follows: For customers with a street address ending in an even number (0, 2, 4, 6 or 8), it is permissible to irrigate landscapes only between the hours of 8:00 p.m. and 12:00 midnight. For water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), it is permissible to irrigate landscapes only between the hours of 4:00 a.m. and 8:00 a.m. However, irrigation of landscaped areas is permitted at anytime if it is by means of a hand-held hose, a faucet filled bucket or watering can of five (5) gallons or less, or drip irrigation system.
- (b) Water customers are requested to practice water conservation and to minimize or discontinue water use for non-essential purposes.

Stage 2 - Moderate Water Shortage Conditions

Goal: Achieve a 20 percent reduction in total water use or 15% reduction in the Total Peak Demand.

Supply Management Measures:

To manage limited water supplies and/or reduce water demand, the following will be implemented directly by Water Authority.

- 1. Reduce or discontinue flushing of water mains.**
- 2. Reduce or discontinue flushing of fire hydrants**
- 3. Restrict use of water from fire hydrants by contractors**
- 4. Reduce or discontinue irrigation of public landscaped areas**
- 5. Reduce system pressure to a maximum of 50 psi**

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, Wednesdays and Fridays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Tuesdays, Thursdays and Saturdays 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 4:00 a.m. until 8:00 a.m. and between 8:00 p.m. and 12:00 midnight on designated watering days. However, irrigation of landscaped areas is permitted at anytime if it is by means of a hand-held hose, a faucet filled bucket or watering can of five (5) gallons or less, or drip irrigation system.

- (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 7:00 a.m. and 10:00 a.m. and between 7:00 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 rinses. 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 8:00 a.m. and 11:00 a.m. and between 6:00 p.m. and 12:00 midnight.
- (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 recirculation system.
- (e) Use of water from hydrants shall be limited to fire fighting, 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 only under special permit from the Water Authority.
- (f) All restaurants are prohibited from serving water to its patrons except when requested.
- (g) 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 down 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 - Severe Water Shortage Conditions

Goal: Achieve a 30 percent reduction in total water use or 20% reduction in the Total Peak Demand.

Supply Management Measures:

To manage limited water supplies and/or reduce water demand, the following will be implemented directly by Water Authority.

- 1. Discontinue flushing of water mains.**
- 2. Discontinue flushing of fire hydrants**
- 3. Prohibit use of water from fire hydrants**
- 4. Discontinue irrigation of public landscaped areas**
- 5. Begin use of alternative supply source(s)**
- 6. Reduce system pressure to a maximum of 50 psi**

Water Use Restrictions . All requirements of Stage 2 shall remain in effect during Stage 3 except:

- (a) Irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems shall be limited to Mondays and Fridays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Tuesdays and Saturdays 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 4:00 a.m. until 8:00 a.m. and between 8:00 p.m. and 12:00 midnight on designated watering days. However, irrigation of landscaped areas is permitted at anytime, on designated water days, if it is by means of a hand-held hose, a faucet filled bucket or watering can of five (5) gallons or less, or drip irrigation system.
- (b) The watering of golf course tees is prohibited unless the golf course utilizes a water source other than that provided by the Water Authority.
- (c) The use of water for construction purposes from designated fire hydrants under special permit is to be discontinued.

Stage 4 - Critical Water Shortage Conditions

Goal: Achieve a 50 percent reduction in total water use or 25% reduction in the Total Peak Demand.

Supply Management Measures:

To manage limited water supplies and/or reduce water demand, the following will be implemented directly by Water Authority.

- 1. Discontinue flushing of water mains.**
- 2. Discontinue flushing of fire hydrants**
- 3. Prohibit use of water from fire hydrants**
- 4. Discontinue irrigation of public landscaped areas**

- 5. Begin use of alternative supply source(s)**
- 6. Reduce system pressure to a maximum of 45 psi.**

Water Use Restrictions. All requirements of Stage 3 shall remain in effect during Stage 4 except:

- (a) Irrigation of landscaped areas shall be limited to designated watering days between the hours of 4:00 a.m. and 7:00 a.m. and between 9:00 p.m. and 12:00 midnight and shall be by means of hand-held hoses, hand-held buckets, or drip irrigation only. The use of hose-end sprinklers or permanently installed automatic sprinkler systems are prohibited at all times.
- (b) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle not occurring on the premises of a commercial car wash and commercial service stations and not in the immediate interest of public health, safety, and welfare is prohibited. Further, such vehicle washing at commercial car washes and commercial service stations shall occur only between the hours of 8:00 a.m. and 10:00 a.m. and between 8:00 p.m. and 10:00 p.m.
- (c) The filling, refilling, or adding of water to swimming pools, wading pools, and jacuzzi-type pools is prohibited.
- (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 recirculation system.
- (e) No applications 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 allowed or approved.

Stage 5 - Emergency Water Shortage Conditions

Goal: Achieve a 60 percent reduction in total water use or 30% reduction in the Total Peak Demand.

Supply Management Measures:

To manage limited water supplies and/or reduce water demand, the following will be implemented directly by Water Authority.

- 1. Discontinue flushing of water mains.**
- 2. Discontinue flushing of fire hydrants**
- 3. Prohibit use of water from fire hydrants**
- 4. Discontinue irrigation of public landscaped areas**
- 5. Begin use of alternative supply source(s)**
- 6. Reduce system pressure to a maximum of 40 psi.**

Water Use Restrictions. All requirements of Stage 4 shall remain in effect during Stage 5 except:

- (a) Irrigation of landscaped areas is absolutely prohibited.
- (b) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is absolutely prohibited.

Section X: Enforcement

- (a) No person shall knowingly or intentionally use or allow the use of water from the Water Authority for residential, commercial, industrial, agricultural, governmental, or any other purpose in a manner contrary to any provision of the Plan. Use of water in a manner contrary to any provision of the Plan shall constitute an abuse of the Water Authority's water system.
- (b) If the General Manager determines that immediate corrective action is not necessary, he shall provide a written warning to a person in violation of the Plan by leaving a notice at the establishment at which the violation of the Plan occurred.
- (c) If it is determined that a violation of this Plan has occurred and the General Manager determines that immediate corrective action is necessary or the Water Authority has previously left a written warning at the same premises, the General Manager shall, after giving notice to the customer and an opportunity to dispute the determination that a violation has occurred or the existence of any extenuating circumstances, be authorized to discontinue water service to the premises where such violation occurred. Services discontinued under such circumstances shall be restored only upon payment of a re-connection charge, hereby established at \$25.00 if the customer is a residential customer or \$50.00 if the customer is a commercial customer, and any other costs incurred by the Water Authority in discontinuing service.
- (d) If a person is found to be in violation of this Plan for one or more additional times, the General Manager shall, after giving due notice to the customer and an opportunity to dispute the determination that a violation has occurred or the occurrence of any extenuating circumstances, be authorized to discontinue water service to the premises where such violation occurred and remove the meter. Water service shall be restored only after the Water Authority receives:
 - (1) payment of a reconnection charge of \$100 if the customer is a residential customer or \$150 if the customer is a commercial customer, which shall cover the cost to remove and reinstall the meter, and
 - (2) an affidavit of the customer or other proof provided by the customer and satisfactory to the General Manager that the customer has changed the customer's irrigation system or has taken other measures to assure further violations of the Plan do not occur.
- (e) If the Water Authority is required to pull a water meter due to violations of the Plan, water service will be restored only in the normal course of business and not on an emergency basis once the customer has satisfied the requirements for restoration of service.
- (f) Any person, including a person classified as a water customer of the Water Authority, in apparent control of the property where a violation of the Plan 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. Owners shall be presumed to be responsible for violations by their yard men or landscapers and shall be responsible for insuring that their irrigation systems are set in compliance with the Plan.

- (g) 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.
- (h) Compliance with the Plan may also be sought through injunctive relief in the appropriate court of jurisdiction in Harris County, Texas.

Section XI: Variances

The General Manager 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 Order shall file a petition for variance with the Water Authority within 5 days after the Plan or a particular drought response stage has been invoked. All petitions for variances shall be reviewed by the General Manager 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 date.
- (h) Other pertinent information.

Variances granted by the Water Authority shall be subject to the following conditions, unless waived or modified by the General Manager 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.

Section XII: Severability

It is hereby declared to be the intention of the Board of Supervisors of Memorial Villages Water Authority that the sections, paragraphs, sentences, clauses, and phrases of this Order are severable and, if any phrase, clause, sentence, paragraph, or section of this Plan shall be declared unconstitutional by the valid judgment or decree of any court of competent jurisdiction, such unconstitutionality shall not affect any of the remaining phrases, clauses, sentences, paragraphs, and sections of this Plan, since the same would not have been enacted by the Board of Supervisors without the incorporation into this Plan of any such unconstitutional phrase, clause, sentence, paragraph, or section.

**DROUGHT CONTINGENCY PLAN
FOR
MEMORIAL VILLAGES WATER AUTHORITY**

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 Memorial Villages Water Authority, (the Water Authority), 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 X of this Plan.

Section II: Public Involvement

Opportunity for the public to provide input into the preparation of the Plan was provided by the Water Authority by means of a Public Hearing held on August 26, 2011 at 8955 Gaylord Drive, Houston, Texas.

Section III: Public Education

The Water Authority 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 direct mailings to all water customers and/or by press releases.

Section IV: Coordination with Regional Water Planning Groups

The service area of the Water Authority is located within Regional Water Planning Group H and the Water Authority has provided a copy of this Plan to the Regional Water Planning Group H by filing an executed copy of such to the San Jacinto River Authority, P.O. Box 329, Conroe, Texas, 77305-0329.

Section V: Authorization

The, General Manager 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 General Manager 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 Water Authority. The terms "person" and "customer" as used in the Plan include, but are not limited to, individuals, corporations, institutions, partnerships, schools, churches, associations, municipalities 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 individual, corporation, partnership, association or other legal entity using water supplied by the Water Authority.

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 or alphanumeric endings.

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, flower beds, gardens, golf courses, athletic fields, 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, right-of-way and medians and, golf courses, except as 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 fire fighting.

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

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

The General Manager, 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. Public notification of the initiation or termination of drought response stages shall be by means of direct mail to each customer or publication in a newspaper of general circulation within the service area of the Water Authority.

The triggering criteria described below are based on a statistical analysis of the vulnerability of the water supply and distribution systems including but not limited to the capacity of all water supply sources, water storage availability and the capacity of the pumping equipment used for distribution of water.

(a) Stage 1 - 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 any one of the following conditions exists:

1. **When, pursuant to requirements specified in the Water Supply Contract Between The City of Houston, Texas and The Memorial Villages Water Authority, notification is received from the City of Houston requesting initiation of Stage 1 of the Drought Contingency Plan.**
2. **When (a) the specific capacity of the Water Authority's available water well(s) is equal to or less than 80 percent of the well's original specific capacity or, (b) the specific capacity of the Water Authority's surface**

water supply is equal to or less than 80 percent of the normal and customary delivery rate or (c) any combination of (a) or (b) that is equal to or less than 80 percent of the supply demand.

3. When total daily water demand equals or exceeds seven million five hundred thousand gallons for five consecutive days or eight million five hundred thousand gallons for a single day.
4. When the Peak Demand of the system equals or exceeds 80 percent of the total available distribution system capacity for a period two (2) hours or more.

Requirements for termination - Stage 1 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of five consecutive days.

(b) Stage 2 - 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 VII of this Plan when any one of the following conditions exists:

1. When, pursuant to requirements specified in the Water Supply Contract Between The City of Houston, Texas and The Memorial Villages Water Authority, notification is received from the City of Houston requesting initiation of Stage 2 of the Drought Contingency Plan.
2. When (a) the specific capacity of the Water Authority's available water well(s) is equal to or less than 85 percent of the well's original specific capacity or, (b) the specific capacity of the Water Authority's surface water supply is equal to or less than 85 percent of the normal and customary delivery rate or (c) any combination of (a) or (b) that is equal to or less than 85 percent of the supply demand.
3. When total daily water demand equals or exceeds seven million eight hundred thousand gallons for five consecutive days or nine million gallons for a single day.
4. When the Peak Demand of the system equals or exceeds 85 percent of the total available distribution system capacity for a period two (2) hours or more.

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 5 consecutive days. Upon termination of Stage 2, Stage 1 becomes operative.

(c) Stage 3 - 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 any one of the following conditions exists:

1. **When, pursuant to requirements specified in the Water Supply Contract Between The City of Houston, Texas and The Memorial Villages Water Authority, notification is received from the City of Houston requesting initiation of Stage 3 of the Drought Contingency Plan.**
2. **When (a) the specific capacity of the Water Authority's available water well(s) is equal to or less than 90 percent of the well's original specific capacity or, (b) the specific capacity of the Water Authority's surface water supply is equal to or less than 90 percent of the normal and customary delivery rate or (c) any combination of (a) or (b) that is equal to or less than 90 percent of the supply demand.**
3. **When total daily water demand equals or exceeds eight million gallons for five consecutive days or nine million five hundred thousand gallons for a single day.**
4. **When the Peak Demand of the system equals or exceeds 85 90 percent of the total available distribution system capacity for a period two (2) hours or more.**

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 5 consecutive days. Upon termination of Stage 3, Stage 2 becomes operative.

(d) Stage 4 - Critical 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 4 of this Plan when any one of the following conditions exists:

1. **When, pursuant to requirements specified in the Water Supply Contract Between The City of Houston, Texas and The Memorial Villages Water Authority, notification is received from the City of Houston requesting initiation of Stage 4 of the Drought Contingency Plan.**

2. When (a) the specific capacity of the Water Authority's available water well(s) is equal to or less than 95 percent of the well's original specific capacity or, (b) the specific capacity of the Water Authority's surface water supply is equal to or less than 95 percent of the normal and customary delivery rate or (c) any combination of (a) or (b) that is equal to or less than 95 percent of the supply demand.
3. When total daily water demand equals or exceeds eight million five hundred thousand gallons for five consecutive days or nine million eight hundred thousand gallons for a single day.
4. When the Peak Demand of the system equals or exceeds 95 percent of the total available distribution system capacity for a period two (2) hours or more.

Requirements for termination - Stage 4 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 5 consecutive days. Upon termination of Stage 4, Stage 3 becomes operative.

(e) Stage 5 - Emergency Water Shortage Conditions

Requirements for initiation - Customers shall be required to comply with the requirements and restrictions for Stage 5 of this Plan when the General Manager 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. Natural or man-made contamination of the water supply source(s).

Requirements for termination - Stage 5 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 3 consecutive days.

Section IX: Drought Response Stages

The General Manager, 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 the Plan, shall determine that a mild, moderate, severe, critical, or emergency condition exists and shall implement the following actions upon direct mail notification or publication of notice in a newspaper of general circulation:

Stage 1 - Mild Water Shortage Conditions

Goal: Achieve a voluntary 15 percent reduction in total water use or 10% reduction in the Total Peak Demand.

Supply Management Measures:

To manage limited water supplies and/or reduce water demand, the following will be implemented directly by Water Authority.

- 1. Reduce or discontinue flushing of water mains.**
- 2. Reduce or discontinue flushing of fire hydrants**
- 3. Restrict use of water from fire hydrants by contractors**
- 4. Reduce or discontinue irrigation of public landscaped areas**
- 5. Reduce system pressure to a maximum of 55 psi**

Voluntary Water Use Restrictions:

- (a) Water customers are requested to voluntarily limit the irrigation of landscaped areas. Irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems shall be limited as follows: For customers with a street address ending in an even number (0, 2, 4, 6 or 8), it is permissible to irrigate landscapes only between the hours of 8:00 p.m. and 12:00 midnight. For water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), it is permissible to irrigate landscapes only between the hours of 4:00 a.m. and 8:00 a.m. However, irrigation of landscaped areas is permitted at anytime if it is by means of a hand-held hose, a faucet filled bucket or watering can of five (5) gallons or less, or drip irrigation system.
- (b) Water customers are requested to practice water conservation and to minimize or discontinue water use for non-essential purposes.

Stage 2 - Moderate Water Shortage Conditions

Goal: Achieve a 20 percent reduction in total water use or 15% reduction in the Total Peak Demand.

Supply Management Measures:

To manage limited water supplies and/or reduce water demand, the following will be implemented directly by Water Authority.

- 1. Reduce or discontinue flushing of water mains.**
- 2. Reduce or discontinue flushing of fire hydrants**
- 3. Restrict use of water from fire hydrants by contractors**
- 4. Reduce or discontinue irrigation of public landscaped areas**
- 5. Reduce system pressure to a maximum of 50 psi**

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, Wednesdays and Fridays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Tuesdays, Thursdays and Saturdays 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 4:00 a.m. until 8:00 a.m. and between 8:00 p.m. and 12:00 midnight on designated watering days. However, irrigation of landscaped areas is permitted at anytime if it is by means of a hand-held hose, a faucet filled bucket or watering can of five (5) gallons or less, or drip irrigation system.

- (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 7:00 a.m. and 10:00 a.m. and between 7:00 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 rinses. 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 8:00 a.m. and 11:00 a.m. and between 6:00 p.m. and 12:00 midnight.
- (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 recirculation system.
- (e) Use of water from hydrants shall be limited to fire fighting, 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 only under special permit from the Water Authority.
- (f) All restaurants are prohibited from serving water to its patrons except when requested.
- (g) 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 down 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 - Severe Water Shortage Conditions

Goal: Achieve a 30 percent reduction in total water use or 20% reduction in the Total Peak Demand.

Supply Management Measures:

To manage limited water supplies and/or reduce water demand, the following will be implemented directly by Water Authority.

- 1. Discontinue flushing of water mains.**
- 2. Discontinue flushing of fire hydrants**
- 3. Prohibit use of water from fire hydrants**
- 4. Discontinue irrigation of public landscaped areas**
- 5. Begin use of alternative supply source(s)**
- 6. Reduce system pressure to a maximum of 50 psi**

Water Use Restrictions . All requirements of Stage 2 shall remain in effect during Stage 3 except:

- (a) Irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems shall be limited to Mondays and Fridays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Tuesdays and Saturdays 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 4:00 a.m. until 8:00 a.m. and between 8:00 p.m. and 12:00 midnight on designated watering days. However, irrigation of landscaped areas is permitted at anytime, on designated water days, if it is by means of a hand-held hose, a faucet filled bucket or watering can of five (5) gallons or less, or drip irrigation system.
- (b) The watering of golf course tees is prohibited unless the golf course utilizes a water source other than that provided by the Water Authority.
- (c) The use of water for construction purposes from designated fire hydrants under special permit is to be discontinued.

Stage 4 - Critical Water Shortage Conditions

Goal: Achieve a 50 percent reduction in total water use or 25% reduction in the Total Peak Demand.

Supply Management Measures:

To manage limited water supplies and/or reduce water demand, the following will be implemented directly by Water Authority.

- 1. Discontinue flushing of water mains.**
- 2. Discontinue flushing of fire hydrants**
- 3. Prohibit use of water from fire hydrants**
- 4. Discontinue irrigation of public landscaped areas**

- 5. Begin use of alternative supply source(s)**
- 6. Reduce system pressure to a maximum of 45 psi.**

Water Use Restrictions. All requirements of Stage 3 shall remain in effect during Stage 4 except:

- (a) Irrigation of landscaped areas shall be limited to designated watering days between the hours of 4:00 a.m. and 7:00 a.m. and between 9:00 p.m. and 12:00 midnight and shall be by means of hand-held hoses, hand-held buckets, or drip irrigation only. The use of hose-end sprinklers or permanently installed automatic sprinkler systems are prohibited at all times.
- (b) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle not occurring on the premises of a commercial car wash and commercial service stations and not in the immediate interest of public health, safety, and welfare is prohibited. Further, such vehicle washing at commercial car washes and commercial service stations shall occur only between the hours of 8:00 a.m. and 10:00 a.m. and between 8:00 p.m. and 10:00 p.m.
- (c) The filling, refilling, or adding of water to swimming pools, wading pools, and jacuzzi-type pools is prohibited.
- (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 recirculation system.
- (e) No applications 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 allowed or approved.

Stage 5 – Emergency Water Shortage Conditions

Goal: Achieve a 60 percent reduction in total water use or 30% reduction in the Total Peak Demand.

Supply Management Measures:

To manage limited water supplies and/or reduce water demand, the following will be implemented directly by Water Authority.

- 1. Discontinue flushing of water mains.**
- 2. Discontinue flushing of fire hydrants**
- 3. Prohibit use of water from fire hydrants**
- 4. Discontinue irrigation of public landscaped areas**
- 5. Begin use of alternative supply source(s)**
- 6. Reduce system pressure to a maximum of 40 psi.**

Water Use Restrictions. All requirements of Stage 4 shall remain in effect during Stage 5 except:

- (a) Irrigation of landscaped areas is absolutely prohibited.
- (b) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is absolutely prohibited.

Section X: Enforcement

- (a) No person shall knowingly or intentionally use or allow the use of water from the Water Authority for residential, commercial, industrial, agricultural, governmental, or any other purpose in a manner contrary to any provision of the Plan. Use of water in a manner contrary to any provision of the Plan shall constitute an abuse of the Water Authority's water system.
- (b) If the General Manager determines that immediate corrective action is not necessary, he shall provide a written warning to a person in violation of the Plan by leaving a notice at the establishment at which the violation of the Plan occurred.
- (c) If it is determined that a violation of this Plan has occurred and the General Manager determines that immediate corrective action is necessary or the Water Authority has previously left a written warning at the same premises, the General Manager shall, after giving notice to the customer and an opportunity to dispute the determination that a violation has occurred or the existence of any extenuating circumstances, be authorized to discontinue water service to the premises where such violation occurred. Services discontinued under such circumstances shall be restored only upon payment of a re-connection charge, hereby established at \$25.00 if the customer is a residential customer or \$50.00 if the customer is a commercial customer, and any other costs incurred by the Water Authority in discontinuing service.
- (d) If a person is found to be in violation of this Plan for one or more additional times, the General Manager shall, after giving due notice to the customer and an opportunity to dispute the determination that a violation has occurred or the occurrence of any extenuating circumstances, be authorized to discontinue water service to the premises where such violation occurred and remove the meter. Water service shall be restored only after the Water Authority receives:
 - (1) payment of a reconnection charge of \$100 if the customer is a residential customer or \$150 if the customer is a commercial customer, which shall cover the cost to remove and reinstall the meter, and
 - (2) an affidavit of the customer or other proof provided by the customer and satisfactory to the General Manager that the customer has changed the customer's irrigation system or has taken other measures to assure further violations of the Plan do not occur.
- (e) If the Water Authority is required to pull a water meter due to violations of the Plan, water service will be restored only in the normal course of business and not on an emergency basis once the customer has satisfied the requirements for restoration of service.
- (f) Any person, including a person classified as a water customer of the Water Authority, in apparent control of the property where a violation of the Plan 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. Owners shall be presumed to be responsible for violations by their yard men or landscapers and shall be responsible for insuring that their irrigation systems are set in compliance with the Plan.

- (g) 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.
- (h) Compliance with the Plan may also be sought through injunctive relief in the appropriate court of jurisdiction in Harris County, Texas.

Section XI: Variances

The General Manager 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 Order shall file a petition for variance with the Water Authority within 5 days after the Plan or a particular drought response stage has been invoked. All petitions for variances shall be reviewed by the General Manager 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 date.
- (h) Other pertinent information.

Variances granted by the Water Authority shall be subject to the following conditions, unless waived or modified by the General Manager 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.

Section XII: Severability

It is hereby declared to be the intention of the Board of Supervisors of Memorial Villages Water Authority that the sections, paragraphs, sentences, clauses, and phrases of this Order are severable and, if any phrase, clause, sentence, paragraph, or section of this Plan shall be declared unconstitutional by the valid judgment or decree of any court of competent jurisdiction, such unconstitutionality shall not affect any of the remaining phrases, clauses, sentences, paragraphs, and sections of this Plan, since the same would not have been enacted by the Board of Supervisors without the incorporation into this Plan of any such unconstitutional phrase, clause, sentence, paragraph, or section.

CALDWELL COUNTRY CHEVROLET

800 HWY. 21 E. CALDWELL, TEXAS 77836

BUYBOARD CONTRACT 724-23

End User: MEMORIAL VILLAGES WATER AUTHORITY Caldwell Rep: BEN LAUREANO QUOTE#4424
 Contact: TREY CANTU Phone: 979-567-6155
 Phone/email: TREY@MVWA.ORG Date: Thursday, April 4, 2024
 Product Description: CHEVROLET 1500 email: ben@caldwellcountry.com

A. Bid Series: 14 A. Base Price: **\$ 34,100.00**

B. Published Options [Itemize each below]

Code	Options	Bid Price	Code	Options	Bid Price
CC10543	2024 SILVERADO 1500 CREW 2WD W	INCL		REAR VISION CAMERA	INCL
AE7	40/20/40 SPLIT FRONT BENCH	INCL		REMOTE KEYLESS ENTRY	INCL
GU5	REAR AXLE 3.23 RATIO	INCL		POWER WINDOW/LOCK	INCL
L84	ENGINE, 5.3L V8	INCL		CRUISE CONTROL	INCL
MHT	TRANS, 10-SPEED AUTO	INCL		FULL SIZE SPARE TIRE/WHEEL	INCL
H2G	JET BLACK, INTERIOR	INCL		CHEV INFOTAINMENT 3 SYSTEM	INCL
PEB	WT VALUE PACKAGE	INCL		17" STEEL WHEELS	INCL
				TRAILERING PACKAGE	INCL
Total of B. Published Options:					\$ 11,825.00

C. Unpublished Options [Itemize each below, not to exceed 25%]

Disclaimer	Unpublished Options	Bid Price
PRICES/QUOTES ARE VALID FOR THIRTY (30) DAYS DUE TO SUPPLY CHAIN CONSTRAINTS. REVERIFY PRICING BEFORE ISSUING A PURCHASE ORDER. COMMODITY SURCHARGES MAY APPLY AFTER A PURCHASE ORDER IS ISSUED	GAZ - SUMMIT WHITE / STOCK VEHICLE (EIGHT AVAILABLE)	COLOR / DELIVERY
Total of C. Unpublished Options:		

D. Registration, Inspection, Paperwork, Postage cost, Courthouse time, & Runner time:

E. UPFITTERS:

F. Manufacturer Destination/Delivery:

G. Floor Plan Interest (for in-stock and/or equipped vehicles): **\$ -**

H. Lot Insurance (for in-stock and/or equipped vehicles): **\$ -**

I. Contract Price Adjustment: **\$ -**

J. Additional Delivery Charge: miles

K. Subtotal: **\$ 45,925.00**

L. Quantity Ordered 1 x K = **\$ 45,925.00**

M. Trade in:

N. BUYBOARD FEE PER PURCHASE ORDER **\$ 400.00**

O. **TOTAL PURCHASE PRICE WITH BUYBOARD FEE (PRICES AND AVAILABILITY ARE SUBJECT TO CHANGE WITHOUT NOTICE)** **\$ 46,325.00**

CALDWELL COUNTRY CHEVROLET

800 HWY. 21 E. CALDWELL, TEXAS 77836

BUYBOARD CONTRACT 724-23

End User: MEMORIAL VILLAGES WATER AUTHORITYCaldwell Rep: BEN LAUREANO QUOTE#4424Contact: TREY CANTUPhone: 979-567-6155Phone/email: TREY@MVWA.ORGDate: Thursday, April 4, 2024Product Description: CHEVROLET 1500email: ben@caldwellcountry.comA. Bid Series: 14A. Base Price: \$ 34,100.00

B. Published Options [Itemize each below]

Code	Options	Bid Price	Code	Options	Bid Price
CC10543	2024 SILVERADO 1500 CREW 2WD W	INCL		REAR VISION CAMERA	INCL
AE7	40/20/40 SPLIT FRONT BENCH	INCL		REMOTE KEYLESS ENTRY	INCL
GU6	REAR AXLE 3.42 RATIO	INCL		POWER WINDOW/LOCK	INCL
L3B	ENGINE TURBOMAX	INCL		CRUISE CONTROL	INCL
MFC	TRANS 8-SPEED AUTO	INCL		FULL SIZE SPARE TIRE/WHEEL	INCL
H1T	JET BLACK, INTERIOR CLOTH	INCL		CHEV INFOTAINMENT 3 SYSTEM	INCL
PEB	WT VALUE PACKAGE	INCL		17" STEEL WHEELS	INCL
				TRAILERING PACKAGE	INCL

Total of B. Published Options: \$ 8,730.00

C. Unpublished Options [Itemize each below, not to exceed 25%]

Disclaimer	Unpublished Options	Bid Price
PRICES/QUOTES ARE VALID FOR THIRTY (30) DAYS DUE TO SUPPLY CHAIN CONSTRAINTS. REVERIFY PRICING BEFORE ISSUING A PURCHASE ORDER. COMMODITY SURCHARGES MAY APPLY AFTER A PURCHASE ORDER IS ISSUED	GAZ - SUMMIT WHITE / STOCK VEHICLE (SEVEN AVAILABLE)	COLOR / DELIVERY

Total of C. Unpublished Options:

D. Registration, Inspection, Paperwork, Postage cost, Courthouse time, & Runner time:

E. UPFITTERS:

F. Manufacturer Destination/Delivery:

G. Floor Plan Interest (for in-stock and/or equipped vehicles):

H. Lot Insurance (for in-stock and/or equipped vehicles):

I. Contract Price Adjustment:

J. Additional Delivery Charge: _____ miles

K. Subtotal:

L. Quantity Ordered 1 x K =

M. Trade in:

N. BUYBOARD FEE PER PURCHASE ORDER

O. **TOTAL PURCHASE PRICE WITH BUYBOARD FEE (PRICES AND AVAILABILITY ARE SUBJECT TO CHANGE WITHOUT NOTICE)**\$ 43,230.00

MEMORIAL VILLAGES WATER AUTHORITY
BUDGET COMPARISON
2023-24 VS 2024-25

REVENUES

		2023-24 Adopted Budget	2024-25 Recommended Budget
01-00-00	-0000	GENERAL FUND	
-4010	WATER SALES	\$ 5,200,000	\$ 5,000,000
-4020	SEWER SALES	2,400,000	2,400,000
-4030	LATE PENALTIES	20,000	30,000
-4040	COMPLETED TAPS	39,000	50,000
-4050	MISCELLANEOUS	18,000	6,000
-4310	TAX COLLECTIONS - GENERAL FUND	1,550,000	1,550,000
-4170	SEWER SERVICE - B.H. VILLAGE	470,000	1,680,000
-4200	INTEREST EARNED - G.F.	180,000	280,000
TOTAL GENERAL FUND REVENUE		\$ 9,877,000	\$ 10,996,000
		% INCREASE	= 11.33%
			\$ 1,119,000

EXPENSES

<u>01-00-00</u>	<u>-0000</u>	<u>GENERAL FUND</u>	2023-24 Adopted Budget	2024-25 Recommended Budget
01-01-00	-0000	WATER PLANT EXPENSES	\$ 4,137,020	\$ 4,788,400
01-02-00	-0000	WATER DISTRIBUTION EXPENSES	483,963	791,100
01-03-00	-0000	SEWER PLANT AND TRUNK LINE EXPENSES	1,224,080	1,466,000
01-04-00	-0000	SEWER COLLECTION EXPENSES	140,040	166,000
01-05-00	-0000	BILLING AND COLLECTING EXPENSES	64,600	149,000
01-07-00	-0000	GENERAL AND ADMINISTRATIVE EXPENSES	1,230,112	1,328,910
EXPENSES			7,279,815	8,689,410

CAPIAL OUTLAY

			2023-24 Adopted Budget	2024-25 Recommended Budget
01-00-00	-0000	CAPITAL FUND		
01-01-00	-0000	WATER PLANT CAPITAL EXPENSES	\$ 25,000	\$ 831,000
01-02-00	-0000	WATER DISTRIBUTION CAPITAL EXPENSES	10,000	920,000
01-03-00	-0000	SEWER PLANT AND TRUNK LINE CAPITAL EXPENSES	1,500,000	2,587,000
01-04-00	-0000	SEWER COLLECTION CAPITAL EXPENSES	380,000	287,000
		CAPITAL OUTLAY	1,915,000	4,625,000
TOTAL FUND EXPENSES			\$ 9,194,815	\$ 13,314,410
			% INCREASE =	44.80%
				\$ 4,119,595.00

MEMORIAL VILLAGES WATER AUTHORITY
BUDGET COMPARISON
2023-24 VS 2024-25
GENERAL FUND EXPENDITURES

01-01-00 -0000		2023-24 Adopted Budget	2024-25 Recommended Budget						
WATER PLANTS AND WELLS EXPENSES									
-5113	SALARY & WAGES	\$ 287,000	\$ 337,400						
-5114	OVERTIME	60,000	60,000						
-5117	VACATIONS, HOLIDAYS, SICK PAY & COMP TIME	41,500	43,000						
-5214	PAYROLL TAX EXPENSE	29,720	31,000						
-5216	OUTSIDE LABOR	2,000	1,500						
-5217	<u>ENGINEERING EXPENSES (CIP)</u>	25,000	106,000						
-6118	MAINTENANCE & REPAIR	180,000	220,200						
-6120	CHEMICALS	100,000	121,000						
-6121	UNIFORMS	6,300	11,300						
-6122	POWER & FUEL	250,000	298,500						
-6123	EQUIPMENT RENTAL	2,000	2,000						
-6124	INSURANCE	11,000	12,000						
-6125	WATER ANALYSIS FEES	6,000	17,100						
-6126	TRUCK EXPENSES	7,000	14,300						
-6127	TOOLS	800	1,000						
-6128	TELEPHONE/CABLE EXPENSES	35,000	36,400						
-6129	EQUIPMENT EXPENSES	5,000	4,500						
-6130	GROUND WATER CREDITS PURCHASED	230,000	-						
-6131	TCEQ INSPECTION FEE	12,000	10,000						
-6132	PURCHASE OF SURFACE WATER - CITY OF HOUSTON	2,800,000	3,500,000						
-6133	LANDSCAPING	2,000	2,000						
-6134	OFFICE FURNITURE & FURNISHINGS	500	500						
-6135	VEHICLE EXPENSE & REIMBURSEMENT	4,500	3,000						
-6161	PERMITS - GROUNDWATER	17,000	30,000						
-6352	FREIGHT	500	500						
-6353	MEDICAL EXPENSES	200	200						
-6680	<u>WATER PLANT IMPROVEMENTS (CIP)</u>	-	725,000						
-6684	PURCHASE OF EQUIPMENT	26,000	10,000						
-8458	REPAIRS & MAINTENANCE TO BUILDING & GROUNDS	5,000	5,000						
-8460	SOFTWARE & DATA EXPENSES	15,000	15,000						
-8900	MISCELLANEOUS	1,000	1,000						
TOTAL WATER PLANT EXPENSES		\$ 4,162,020	\$ 5,619,400						
		<table><tr><td>% INCREASE</td><td>=</td><td>35.02%</td></tr><tr><td></td><td></td><td>\$ 1,457,380</td></tr></table>		% INCREASE	=	35.02%			\$ 1,457,380
% INCREASE	=	35.02%							
		\$ 1,457,380							

MEMORIAL VILLAGES WATER AUTHORITY
BUDGET COMPARISON
2023-24 VS 2024-25
GENERAL FUND EXPENDITURES

01-02-00	-0000	WATER DISTRIBUTION EXPENSES	2023-24 Adopted Budget	2024-25 Recommended Budget
-5113		SALARY & WAGES	\$ 189,000	\$ 270,200
-5114		OVERTIME	10,000	6,000
-5117		VACATIONS, HOLIDAYS, SICK PAY & COMP TIME	-	20,000
-5214		PAYROLL TAX EXPENSE	16,200	17,000
-5216		OUTSIDE LABOR	16,463	1,500
-5217		ENGINEERING EXPENSES (CIP)	10,000	120,000
-6118		MAINTENANCE & REPAIR	100,000	419,500
-6120		CHEMICALS	500	500
-6123		EQUIPMENT RENTAL	800	1,000
-6124		INSURANCE	11,000	12,000
-6126		TRUCK EXPENSES	4,000	10,300
-6127		TOOLS	1,000	1,000
-6128		TELEPHONE EXPENSE	3,000	1,600
-6129		EQUIPMENT EXPENSES	4,000	3,000
-6135		VEHICLE EXPENSE & REIMBURSEMENT	2,000	3,000
-6232		REGULATORY ASSESSMENT FEE	21,000	22,000
-6352		FREIGHT	500	500
-6681		WATER DISTRIBUTION IMPROVEMENTS (CIP)	-	800,000
-6684		PURCHASE OF EQUIPMENT	100,000	-
-8454		TAP COSTS	1,000	-
-8460		SOFTWARE & DATA EXPENSES	500	-
-8900		MISCELLANEOUS	3,000	2,000
TOTAL WATER DISTRIBUTION EXPENSES			\$ 493,963	\$ 1,711,100
			% INCREASE	= 246.40%
				\$ 1,217,137

MEMORIAL VILLAGES WATER AUTHORITY
BUDGET COMPARISON
2023-2024 VS 2024-2025
GENERAL FUND EXPENDITURES

SEWER PLANT & TRUNK LINE EXPENSES			2023-24 Adopted Budget	2024-25 Recommended Budget
01-03-00	-0000			
-5113		SALARY & WAGES	\$ 188,732	\$ 347,600
-5114		OVERTIME	10,000	30,000
-5117		VACATIONS, HOLIDAYS, SICK PAY & COMP TIME	38,500	40,000
-5214		PAYROLL TAX EXPENSE	18,148	20,000
-5215		SECURITY SYSTEM	4,000	5,500
-5216		OUTSIDE LABOR	2,000	1,500
-5217		<u>ENGINEERING EXPENSES (CIP)</u>	200,000	337,000
-6118		MAINTENANCE & REPAIR	145,000	329,700
-6120		CHEMICALS	110,000	135,400
-6121		UNIFORMS	4,500	7,800
-6122		POWER & FUEL	145,000	183,500
-6123		EQUIPMENT RENTAL	3,000	3,000
-6124		INSURANCE	11,000	12,000
-6125		SEWER ANALYSIS FEES	35,000	37,700
-6126		TRUCK EXPENSES	4,000	8,700
-6127		TOOLS	2,000	2,000
-6128		TELEPHONE/CABLE EXPENSES	12,600	14,900
-6129		EQUIPMENT EXPENSES	2,000	2,600
-6131		TCEQ CONSOLIDATED W.Q. FEE	22,000	22,300
-6133		LANDSCAPING	600	600
-6134		OFFICE FURNITURE & FURNISHINGS	500	500
-6334		SLUDGE DISPOSAL FEE	230,000	160,500
-6351		OFFICE EQUIPMENT & SUPPLIES	3,500	3,500
-6352		FREIGHT	500	500
-6353		MEDICAL EXPENSES	500	200
-6682		<u>WWTF & TRUNK LINE IMPROVEMENTS (CIP)</u>	1,300,000	2,250,000
-6684		PURCHASE OF EQUIPMENT	215,000	45,000
-8458		REPAIR & MAINT TO BUILDING AND GROUNDS	5,000	40,000
-8460		SOFTWARE & DATA EXPENSES	10,000	10,000
-8900		MISCELLANEOUS	1,000	1,000
TOTAL SEWER PLANT & TRUNK LINE EXPENSES			\$ 2,724,080	\$ 4,053,000
			% INCREASE	= 48.78%
			\$	1,328,920

MEMORIAL VILLAGES WATER AUTHORITY
BUDGET COMPARISON
2023-2024 VS 2024-2025
GENERAL FUND EXPENDITURES

<u>01-04-00</u>	<u>-0000</u>		2023-24 Adopted Budget	2024-25 Recommended Budget
		SEWER COLLECTION/LIFT STATION EXPENSES		
-5113		SALARY & WAGES	\$ -	\$ -
-5114		OVERTIME	-	-
-5214		PAYROLL TAX EXPENSE	-	-
-5216		OUTSIDE LABOR	2,000	2,000
-5217		ENGINEERING EXPENSES (CIP)	60,000	37,000
-6118		MAINTENANCE & REPAIR	20,000	20,000
-6120		CHEMICALS	3,000	3,000
-6122		POWER & FUEL	8,000	10,000
-6123		EQUIPMENT RENTAL	3,000	3,000
-6124		INSURANCE	13,000	15,000
-6126		TRUCK EXPENSES	7,000	-
-6127		TOOLS	500	1,000
-6128		TELEPHONE/CABLE EXPENSES	4,900	4,300
-6129		EQUIPMENT EXPENSES	5,000	3,200
-6133		LANDSCAPING	200	200
-6232		REGULATORY ASSESSMENT FEE	21,000	22,000
-6352		FREIGHT	240	200
-6683		SEWER COLL IMPROVEMENTS (CIP)	320,000	250,000
-6684		PURCHASE OF EQUIPMENT	50,000	80,000
-8458		REPAIRS TO BUILDING & GROUNDS	600	500
-8460		SOFTWARE & DATA EXPENSES	1,000	1,000
-8900		MISCELLANEOUS	600	600
		TOTAL SEWER COLLECTION EXPENSES	\$ 520,040	\$ 453,000
		% DECREASE	=	-12.89%
				\$ (67,040)

MEMORIAL VILLAGES WATER AUTHORITY
BUDGET COMPARISON
2023-2024 VS 2024-2025
GENERAL FUND EXPENDITURES

		2023-24 Adopted Budget	2024-25 Recommended Budget
<u>01-05-00</u>	<u>-0000</u>	<u>BILLING AND COLLECTING EXPENSES</u>	
-5113	SALARY & WAGES	\$ -	\$ -
-6128	TELEPHONE/CABLE EXPENSES	600	-
-5216	OUTSIDE LABOR	-	-
-6565	COMPUTER BILLING EXPENSES	60,000	145,000
-6684	PURCHASE OF EQUIPMENT	4,000	4,000
-8460	SOFTWARE & DATA EXPENSES	-	-
TOTAL BILLING & COLLECTING EXPENSES		\$ 64,600	\$ 149,000
		% INCREASE =	130.65%
			\$ 84,400

MEMORIAL VILLAGES WATER AUTHORITY
BUDGET COMPARISON
2023-2024 VS 2024-2025
GENERAL FUND EXPENDITURES

		2023-24	2024-25
		Adopted	Recommended
01-07-00	-0000	Budget	Budget
GENERAL & ADMINISTRATIVE EXPENSES			
-5110	SALARY & WAGES - MANAGER	\$ 153,142	\$ 170,000
-5111	SALARY & WAGES - OFFICE	188,732	192,100
-5114	OVERTIME	-	6,000
-5117	VACATIONS, HOLIDAYS, SICK PAY & COMP TIME	31,421	33,000
-5214	PAYROLL TAX EXPENSE	28,557	30,550
-5215	SECURITY SYSTEM	7,000	7,000
-5216	OUTSIDE LABOR	2,000	1,500
-5217	ENGINEERING/ARCHITECTURAL EXPENSES	10,000	20,500
-6122	POWER & FUEL	4,000	5,400
-6124	INSURANCE	7,800	9,000
-6128	TELEPHONE & CABLE EXPENSES	16,000	16,500
-6129	OFFICE EQUIPMENT EXPENSES - REPAIRS & MAINT.	1,500	1,500
-6134	OFFICE FURNITURE & FURNISHINGS	1,500	1,500
-6135	VEHICLE EXPENSE & REIMBURSEMENT	14,000	12,900
-6351	OFFICE SUPPLIES	8,000	8,000
-6352	FREIGHT	300	200
-6353	MEDICAL EXPENSES	60	60
-6543	POSTAGE	3,000	3,500
6544	PUBLIC NOTICE EXPENCE	1,000	1,000
-6684	PURCHASE OF EQUIPMENT	500	500
-8007	HARRIS COUNTY APPRAISAL DISTRICT	12,000	12,000
-8008	TAX COLLECTION EXPENSE (SBISD)	24,000	24,000
-8148	ACCOUNTING & AUDITING	11,000	72,000
-8150	LEGAL & CONTINGENCY FEES	75,000	80,000
-8245	EMPLOYEE RELATED EXPENSE	5,000	5,500
-8246	EMPLOYEE GROUP INSURANCE PREMIUMS	350,000	265,000
-8247	EMPLOYERS PENSION FUND CONTRIBUTIONS	110,000	139,000
-8443	BANKING FEES	6,000	5,000
-8444	DUES, SUBSCRIPTIONS AND SCHOOLS	4,500	5,500
-8445	SUPERVISORS COMPENSATION	30,000	40,000
-8449	SUPERVISORS EXPENSES	3,500	200
-8456	REPAIRS & MAINTENANCE - 435 PINEY POINT RD.	50,000	87,600
-8458	REPAIRS & MAINTENANCE - OFFICE	20,000	18,300
-8460	SOFTWARE & DATA EXPENSES	50,000	53,500
-8900	MISCELLANEOUS	600	600
TOTAL GENERAL & ADMINISTRATIVE EXPENSES		\$ 1,230,112	\$ 1,328,910
		%	
		DECREASE	
		=	
		8.03%	
		\$	
		98,798	

TABLE 1
Memorial Villages Water Authority
Historical and Current Water Rates

CONSUMPTION CHARGES (\$/1,000 GALLONS)	Rate effective 6/1/10	Rate effective 3/1/12	Rate effective 7/1/13	Rate effective 1/1/20	Rate effective 10/1/21	No Rate Adjustment This Year
--	-----------------------------	-----------------------------	-----------------------------	-----------------------------	------------------------------	------------------------------------

Residential Consumption Rates:

0 - 2,000 (Base rate)	\$ 14.00	\$ 14.00	\$ 14.00	\$ 14.50	\$ 17.50	\$ 19.00
2,001 - 5,000	\$ 1.50	\$ 1.75	\$ 1.75	\$ 1.80	\$ 2.10	\$ 2.25
5,001 - 10,000	\$ 1.70	\$ 2.00	\$ 2.00	\$ 2.10	\$ 2.40	\$ 2.55
10,001 - 15,000	\$ 2.00	\$ 2.35	\$ 2.35	\$ 2.50	\$ 2.80	\$ 2.95
15,001 - 20,000	\$ 2.30	\$ 2.70	\$ 2.70	\$ 3.00	\$ 3.90	\$ 4.35
20,001 - 25,000	\$ 2.60	\$ 3.05	\$ 3.05	\$ 3.45	\$ 4.35	\$ 4.80
25,001 - 30,000	\$ 2.85	\$ 3.35	\$ 3.35	\$ 3.85	\$ 4.65	\$ 5.05
30,001 - 35,000	\$ 3.00	\$ 3.75	\$ 3.95	\$ 4.55	\$ 5.25	\$ 5.60
35,001 - 40,000				\$ 4.65	\$ 5.35	\$ 5.70
40,001 - 50,000				\$ 4.85	\$ 5.65	\$ 6.05
50,001 - 60,000				\$ 5.10	\$ 6.00	\$ 6.45
60,001 +				\$ 5.25	\$ 6.65	\$ 7.35

Commercial (including Schools and Churches):

0 - 2,000 (Base rate)	\$ 17.00	\$ 18.00	\$ 18.00	\$ 19.00	\$ 23.00	\$ 25.00
2,001 - 5,000	\$ 1.75	\$ 2.00	\$ 2.00	\$ 2.05	\$ 2.25	\$ 2.35
5,001 - 10,000	\$ 1.95	\$ 2.25	\$ 2.25	\$ 2.35	\$ 2.55	\$ 2.65
10,001 - 15,000	\$ 2.20	\$ 2.55	\$ 2.55	\$ 2.70	\$ 3.20	\$ 3.45
15,001 - 20,000	\$ 2.50	\$ 2.90	\$ 2.90	\$ 3.20	\$ 3.70	\$ 3.95
20,001 - 25,000	\$ 2.75	\$ 3.20	\$ 3.20	\$ 3.60	\$ 4.10	\$ 4.35
25,001 - 30,000	\$ 3.00	\$ 3.50	\$ 3.50	\$ 4.00	\$ 4.50	\$ 4.75
30,001 - 35,000	\$ 3.50	\$ 4.10	\$ 4.30	\$ 4.90	\$ 5.30	\$ 5.50
35,001 - 40,000				\$ 5.00	\$ 5.60	\$ 5.90
40,001 - 50,000				\$ 5.20	\$ 6.00	\$ 6.40
50,001 - 60,000				\$ 5.45	\$ 6.55	\$ 7.10
60,001 +				\$ 5.75	\$ 7.25	\$ 8.00

	<i>represents avg water usage</i>
--	-----------------------------------

Dated: 4/02/2024

TABLE 2
Memorial Villages Water Authority
Historical and Current Wastewater Rates

CONSUMPTION CHARGES (\$/1,000 GALLONS)	Rate effective 6/1/10	Rate effective 3/1/12	Rate effective 7/1/13	Rate effective 1/1/20	Rate effective 10/1/21	No Rate Adjustment This Year
<u>Residential Consumption Rates:</u>						
0 - 2,000 (Base rate)	\$ 14.00	\$ 14.00	\$ 14.00	\$ 14.50	\$ 17.50	\$ 19.00
2,001 - 5,000	\$ 1.40	\$ 1.65	\$ 1.65	\$ 1.70	\$ 2.00	\$ 2.15
5,001 - 10,000	\$ 1.50	\$ 1.80	\$ 1.80	\$ 1.90	\$ 2.10	\$ 2.20
10,001 - 15,000	\$ 1.60	\$ 1.95	\$ 1.95	\$ 2.10	\$ 2.40	\$ 2.55
15,001 - 20,000	\$ 1.70	\$ 2.10	\$ 2.10	\$ 2.40	\$ 2.70	\$ 2.85
20,001 - 25,000	\$ 2.10	\$ 2.60	\$ 2.60	\$ 3.00	\$ 3.30	\$ 3.45
25,001 - 30,000	\$ 2.30	\$ 2.90	\$ 2.90	\$ 3.50	\$ 4.00	\$ 4.25
30,001 and over	N/C	N/C	N/C	N/C		
<u>Commercial (including Schools and Churches):</u>						
0 - 2,000 (Base rate)	\$ 17.00	\$ 18.00	\$ 18.00	\$ 19.00	\$ 22.00	\$ 24.00
2,001 - 5,000	\$ 1.70	\$ 1.95	\$ 1.95	\$ 2.00	\$ 2.25	\$ 2.40
5,001 - 10,000	\$ 1.80	\$ 2.10	\$ 2.10	\$ 2.20	\$ 2.45	\$ 2.55
10,001 - 15,000	\$ 2.00	\$ 2.35	\$ 2.35	\$ 2.50	\$ 2.70	\$ 2.85
15,001 - 20,000	\$ 2.20	\$ 2.60	\$ 2.60	\$ 2.90	\$ 3.15	\$ 3.30
20,001 - 25,000	\$ 2.40	\$ 2.90	\$ 2.90	\$ 3.30	\$ 3.55	\$ 3.65
25,001 - 30,000	\$ 2.60	\$ 3.20	\$ 3.20	\$ 3.70	\$ 3.95	\$ 4.10
30,001 - 35,000 (and over)	\$ 3.00	\$ 3.70	\$ 3.90	\$ 3.80	\$ 4.05	\$ 4.25
35,001 - 40,000				\$ 3.90	\$ 4.25	\$ 4.35
40,001 - 50,000				\$ 4.10	\$ 4.35	\$ 4.50
50,001 - 60,000				\$ 4.25	\$ 4.45	\$ 4.65
60,001 and over				\$ 5.00	\$ 5.25	\$ 5.40
<u>City of Bunker Hill:</u>						
0 - 1,000	\$ 10.85	10.85	\$ 10.85	\$ 10.85	\$ 10.85	\$ 10.85
1,000 +	\$ 0.85	0.85	\$ 0.85	\$ 1.50	\$ 1.50	\$ 2.25
<u>Residential Sewer Service Only:</u>						
Flat rate based on 30,000	\$ 64.20	\$ 64.20	\$ 64.20	\$ 84.10	\$ 84.10	\$ 84.10
 <i>represents avg water usage</i>						

Dated: 4/02/2024

TABLE 3

Memorial Villages Water Authority

Historical Number of Accounts and Water Usage

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	Est End of FY 23-24	RECOM FY 24-25
Total Active Accounts	3,382	3,380	3,371	3,378	3,367	3,358	3,325	3,338	3,340
Irr Meter Only	1,375	1,375	1,375	1,375	1,375	1,375	1,375	1,375	1,375
Diff		(2)	(9)	7	(11)	(9)	(33)	13	2
% Change		-0.059%	-0.267%	0.207%	-0.327%	-0.268%	-0.992%	0.389%	0.060%

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	Est End of FY 23-24	RECOM FY 24-25
Total Gallons of Water Pumped	1,078,353,000	1,305,859,000	1,332,297,000	1,334,403,000	1,313,336,000	1,190,687,000	1,472,114,000	1,603,400,000	1,300,000,000
Diff		227,506,000	26,438,000	2,106,000	(21,067,000)	(122,649,000)	281,427,000	131,286,000	(303,400,000)
% Change		17.422%	1.984%	0.158%	-1.604%	-10.301%	19.117%	8.188%	-23.338%

Water accounts by category.

3,181 single family residential connections
 492 multi-family connections
 105 commercial
 23 institutional

Majority of service area is currently built out. There is little anticipated connection growth expected. The majority of water is from irrigation usage.

Water Demand vs Water Accounts

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	Est End of FY 23-24	FY
1,800,000,000									1,900
1,600,000,000									1,800
1,400,000,000									1,700
1,200,000,000									1,600
1,000,000,000									1,500
800,000,000									1,400
600,000,000									1,300
400,000,000									1,200
200,000,000									1,100
									1,000
									900

TABLE 4
Operating Fund Rev/Exp and Assets

Expenses by Department NO CAPEX	FY 20-21	FY 21-22	FY 22-23	Est End of FY 23-24	RECOM FY 24-25	Projected FY 25-26
Water Plant w/o surface water	882,921	853,748	1,045,713	1,244,847	1,288,400	1,300,000
Water Plant surface water only	2,973,172	2,539,572	3,166,243	3,300,000	3,500,000	3,500,000
Water Distribution	439,473	432,717	526,675	790,000	691,100	600,000
Sewer Plant and Truck Line	1,144,403	1,382,749	1,153,261	1,225,000	1,466,000	1,100,000
Sewer Collection	207,563	187,285	340,454	160,000	166,000	210,000
Billing and Collection	83,746	61,736	99,325	120,000	149,000	95,000
General Administrative	1,309,070	1,163,213	1,243,759	1,250,000	1,328,910	1,250,000
TOTALS NO CAPEX	7,040,348	6,621,020	7,575,430	8,089,847	8,589,410	8,055,000
Expenses - Capital Improvements	FY 20-21	FY 21-22	FY 22-23	Est End of FY 23-24	RECOM FY 24-25	Projected FY 25-26
Water Plant	2,233,424	4,395,862	400,181	110,401	831,000	-
Water Distribution	16,447	6,595	-	-	920,000	1,600,000
Sewer Plant and Truck Line	30,683	22,713	133,249	164,000	2,587,000	350,000
Sewer Collection	30,618	60,104	-	333,290	287,000	200,000
Billing and Collection	-	-	-	-	-	-
General Administrative	-	-	-	-	-	-
CAPEX with ENG & CONTG	2,311,172	4,485,274	533,430	607,691	4,630,311	2,124,000
TOTAL EXP W/CAPEX	9,351,520	11,106,294	8,108,860	8,697,538	13,219,721	10,179,000
Revenues	FY 20-21	FY 21-22	FY 22-23	Est End of FY 23-24	RECOM FY 24-25	Projected FY 25-26
Property Taxes	1,557,988	1,537,904	1,566,961	1,550,000	1,550,000	1,550,000
Water Sales	4,414,033	4,372,620	5,545,858	6,989,000	5,000,000	5,500,000
Sewer Sales	2,166,227	2,193,856	2,324,049	2,506,000	2,400,000	2,400,000
Sewer service to City of BH	411,996	436,852	480,669	675,000	1,680,000	1,391,111
Penalty - Operations	17,321	16,721	25,318	30,000	30,000	30,000
Penalty - Property Taxes	9,608	13,856	14,480	11,000	11,000	12,000
Tap Collection Fees	56,000	81,900	16,150	50,000	50,000	50,000
Interest on Deposits and Investments	10,358	8,619	75,215	284,000	290,000	300,000
Other Revenue	18,333	8,184	3,970	5,000	6,000	6,000
Total Revenues	8,661,864	8,670,512	10,052,670	12,100,000	11,017,000	11,239,111
Assets	FY 20-21	FY 21-22	FY 22-23	Est End of FY 23-24	RECOM FY 24-25	Projected FY 25-26
Cash	6,184,712	3,974,664	768,910	1,500,000	1,500,000	1,500,000
Investments	-	-	4,731,597	5,500,000	5,900,000	6,275,000
GW Bank Certificates	6,908,874	7,108,761	7,051,102	7,000,000	7,000,000	6,800,000
Other Assets	1,001,467	1,264,442	1,057,213	1,000,000	1,000,000	1,000,000
Total Assets	14,095,053	12,347,867	13,608,822	15,000,000	15,400,000	15,575,000

Dated: 4/02/2024

TABLE 5

Memorial Villages Water Authority

OTHER UTILITIES RESIDENTIAL RATE STRUCTURE BASED ON 1 INCH METER

MVWA May-1, 2023 Proposed	Base Charge (includes 2,000 gal)	2,001-5,000	5,001-10,000	10,001-15,000	15,001-20,000	20,001-25,000	25,001-30,000	30,001-35,000	35,001-40,000	40,001-50,000	50,001-60,000	All Over 60,000
	Water \$	19.00 \$	2.25 \$	2.55 \$	2.95 \$	4.35 \$	4.80 \$	5.05 \$	5.60 \$	5.70 \$	6.05 \$	6.45 \$
	Sewer \$	19.00 \$	2.15 \$	2.20 \$	2.55 \$	2.85 \$	3.45 \$	4.25 \$	No Charge	No Charge	No Charge	No Charge
	Total \$	38.00 \$	4.40 \$	4.75 \$	5.50 \$	7.20 \$	8.25 \$	9.30 \$				
MVWA Effective December 1, 2021	Base Charge (includes 2,000 gal)	2,001-5,000	5,001-10,000	10,001-15,000	15,001-20,000	20,001-25,000	25,001-30,000	30,001-35,000	35,001-40,000	40,001-50,000	50,001-60,000	All Over 60,000
	Water \$	17.50 \$	2.10 \$	2.40 \$	2.80 \$	3.90 \$	4.35 \$	4.65 \$	5.25 \$	5.35 \$	5.65 \$	6.00 \$
	Sewer \$	17.50 \$	2.00 \$	2.10 \$	2.40 \$	2.70 \$	3.30 \$	4.00 \$	No Charge	No Charge	No Charge	No Charge
	Total \$	35.00 \$	4.10 \$	4.50 \$	5.20 \$	6.60 \$	7.65 \$	8.65 \$	9.25 \$	9.35 \$	9.65 \$	10.00 \$
City of Bellaire Effective October 1, 2023	Base Charge	0-2,000	2,001-4,000	4,001-6,000	6,001-8,000	8,001-10,000	10,001-15,000	15,001-20,000	All Over 20,000			
	Water \$	22.70 \$	2.17 \$	2.91 \$	3.64 \$	3.99 \$	4.73 \$	5.45 \$	5.81 \$	6.54 \$		
	Sewer \$	10.20 \$	3.93 \$	3.93 \$	3.93 \$	3.93 \$	3.93 \$	3.93 \$	3.93 \$	3.93 \$		
	Total \$	32.90 \$	6.10 \$	6.84 \$	7.57 \$	7.92 \$	8.66 \$	9.38 \$	9.74 \$	10.47 \$		
City of Spring Valley Effective May 1, 2023	Base Charge (includes 3,000 gal of water only)	0-3,000	3,001-10,000	10,001-15,000	15,001-20,000	20,001-30,000	30,001-40,000	40,001-50,000	50,001-60,000	60,001-70,000	70,001 & UP	
	Water \$	29.21 \$	included	5.63 \$	5.76 \$	5.91 \$	6.06 \$	6.18 \$	6.32 \$	6.47 \$	6.98 \$	8.36 \$
	Sewer \$	23.41 \$	7.50 \$	7.50 \$	7.50 \$	7.50 \$	7.50 \$	7.50 \$	7.50 \$	7.50 \$	7.50 \$	7.50 \$
	Total \$	52.62 \$	7.50 \$	13.13 \$	13.26 \$	13.41 \$	13.56 \$	13.68 \$	13.82 \$	13.97 \$	14.48 \$	15.86 \$
City of Houston Effective April 1, 2023	Base Charge	1,000	2,000	3,000	3,000 and over (water)	4,000	5,000	6,000	8,000			
	Water \$	9.52 \$	1.30 \$	2.60 \$	3.90 \$	31.20 \$	41.60 \$	52.00 \$	61.10 \$	82.20 \$	over 7k see above	
	Sewer \$	12.45 \$	16.45 \$	20.45 \$	20.45 \$	over 4k see above	over 4k see above	over 4k see above	over 4k see above	over 4k see above	over 4k see above	over 4k see above
	Total \$	21.97 \$	17.75 \$	23.05 \$	24.35 \$	- \$	- \$	- \$	61.10 \$	82.20 \$	-	
City of West U. Effective January 1, 2024	Base Charge	0-3,000	3,001-9,000	9,001-15,000	15,001 - 25,000	over - 25,000						
	Water \$	27.98 \$	4.94 \$	6.01 \$	7.13 \$	8.54 \$	11.35 \$					
	Sewer \$	9.81 \$	4.36 \$	4.36 \$	4.36 \$	4.36 \$	4.36 \$					
	Total \$	37.79 \$	9.30 \$	10.37 \$	11.49 \$	12.90 \$	15.71 \$					
City of Bunker Hill Effective Dec 13, 2023	Base Water Charge includes 4,000 gal	4,001-10,000	10,001-20,000	20,001-30,000	30,001-40,000	40,001-60,000	60,001-70,000	70,001 & Over				
	Water \$	114.82 \$	3.31 \$	3.60 \$	6.19 \$	7.04 \$	8.24 \$	10.10 \$	12.62 \$			
	Base Sewer Charge includes 1,000 gal	1,001-40,000										
	Sewer \$	52.89 \$	2.05 \$	2.05 \$	2.05 \$	2.05 \$	No Charge	No Charge	No Charge			
Total \$	167.71 \$	5.36 \$	5.65 \$	8.24 \$	9.09 \$	8.24 \$	10.10 \$	12.62 \$				

Dated: 4/02/2024

TABLE 6
Memorial Villages Water Authority

	Combined W&S Rates						Combined Water and Wastewater Rates					
	10,000	20,000	30,000	40,000	50,000	60,000						
MVWA (Proposed)												
Water	\$ 74.95	\$ 138.45	\$ 226.20	\$ 299.70	\$ 373.20	\$ 446.70						
MVWA (Current)												
Water	\$ 69.80	\$ 128.80	\$ 210.30	\$ 276.80	\$ 343.30	\$ 409.80						
Sewer	\$ 112.89	\$ 214.19	\$ 325.49	\$ 436.79	\$ 548.09	\$ 659.39						
Spring Valley												
Water	\$ 146.08	\$ 279.43	\$ 415.03	\$ 551.83	\$ 690.03	\$ 829.73						
Houston												
Water	\$ 218.14	\$ 482.14	\$ 798.94	\$ 1,115.74	\$ 1,432.54	\$ 1,749.34						
West U												
Water	\$ 132.27	\$ 261.35	\$ 404.40	\$ 561.50	\$ 718.60	\$ 893.42						
Bunker Hill												
Water	\$ 204.94	\$ 260.24	\$ 341.44	\$ 431.14	\$ 513.54	\$ 614.54						
MVWA (Proposed)												
Water	\$ 10,000	\$ 20,000	\$ 30,000	\$ 40,000	\$ 50,000	\$ 60,000						
Sewer	\$ 38.50	\$ 75.00	\$ 124.25	\$ 197.75	\$ 271.25	\$ 344.75						
MVWA (Current)												
Water	\$ 36.45	\$ 63.45	\$ 101.95	\$ 101.95	\$ 101.95	\$ 101.95						
Sewer	\$ 74.95	\$ 138.45	\$ 226.20	\$ 299.70	\$ 373.20	\$ 446.70						
MVWA (Current)												
Water	\$ 10,000	\$ 20,000	\$ 30,000	\$ 40,000	\$ 50,000	\$ 60,000						
Sewer	\$ 35.80	\$ 69.30	\$ 114.30	\$ 180.80	\$ 247.30	\$ 313.80						
City of Bellaire												
Water	\$ 69.80	\$ 128.80	\$ 210.30	\$ 276.80	\$ 343.30	\$ 409.80						
Sewer	\$ 34.00	\$ 59.50	\$ 96.00	\$ 96.00	\$ 96.00	\$ 96.00						
City of Spring Valley												
Water	\$ 63.39	\$ 125.39	\$ 197.39	\$ 269.39	\$ 341.39	\$ 413.39						
Sewer	\$ 49.50	\$ 88.80	\$ 128.10	\$ 167.40	\$ 206.70	\$ 246.00						
City of Houston												
Water	\$ 112.89	\$ 214.19	\$ 325.49	\$ 436.79	\$ 548.09	\$ 659.39						
Sewer	\$ 68.62	\$ 126.97	\$ 187.57	\$ 249.37	\$ 312.57	\$ 377.27						
City of West U												
Water	\$ 77.46	\$ 152.46	\$ 227.46	\$ 302.46	\$ 377.46	\$ 452.46						
Sewer	\$ 146.08	\$ 279.43	\$ 415.03	\$ 551.83	\$ 690.03	\$ 829.73						
City of Bunker Hill												
Water	\$ 10,000	\$ 20,000	\$ 30,000	\$ 40,000	\$ 50,000	\$ 60,000						
Sewer	\$ 94.48	\$ 225.98	\$ 410.28	\$ 594.58	\$ 778.88	\$ 963.18						
City of Spring Valley												
Water	\$ 123.66	\$ 256.16	\$ 388.66	\$ 521.16	\$ 653.66	\$ 786.16						
Sewer	\$ 218.14	\$ 482.14	\$ 798.94	\$ 1,115.74	\$ 1,432.54	\$ 1,749.34						
City of West U												
Water	\$ 10,000	\$ 20,000	\$ 30,000	\$ 40,000	\$ 50,000	\$ 60,000						
Sewer	\$ 78.86	\$ 164.34	\$ 263.79	\$ 377.29	\$ 490.79	\$ 604.29						
City of Bunker Hill												
Water	\$ 53.41	\$ 97.01	\$ 140.61	\$ 184.21	\$ 227.81	\$ 289.13						
Sewer	\$ 132.27	\$ 261.35	\$ 404.40	\$ 561.50	\$ 718.60	\$ 893.42						
City of Bunker Hill												
Water	\$ 10,000	\$ 20,000	\$ 30,000	\$ 40,000	\$ 50,000	\$ 60,000						
Sewer	\$ 134.68	\$ 270.68	\$ 406.68	\$ 542.68	\$ 678.68	\$ 814.68						
City of Bunker Hill												
Water	\$ 70.26	\$ 89.56	\$ 108.86	\$ 128.16	\$ 147.46	\$ 166.76						
Sewer	\$ 204.94	\$ 260.24	\$ 341.44	\$ 431.14	\$ 513.54	\$ 614.54						

TABLE 7
Memorial Village Water Authority
20-Year Capital Improvement Plan

ITEM NO.	FACILITY	YEAR BUILT	SERV. YRS.	PROJ. LIFE	DESCRIPTION OF WORK	PRIORITY CODE	CURRENT YEAR										PROTECTED FISCAL YEAR		STATUS & NOTES
							2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	
1A	Water Plant No. 1 (Water Treatment Bldg.) (Well Drilled 2003)	1963	61	20	Well Rehabilitation	3				\$ 517,000									Recommended not to pull pump and failure. Vibration and other factors performed annually.
2A	Generator (100kW, 3PH, Diesel)	2015	9	20	Inspection and Replacement	4													Metal from WWTP. Generator was purchased and replaced in 2016.
1B	Water Plant No. 2 (300,000 GAL)	1964	60	40	Replace EST's	3							\$ 2,070,000						Possible repairs for EST 1&2 due to immediate need. Complete EST replacement planned 2/28.
2B	Booster Pump Station Imp.	1964	60	20	Replace Booster Pumps	3					\$ 710,992								Booster pumps have exceeded useful life. Pumping station needs major repair. Agreement with Worldwide Power, Unit overall OK.
3B	Generator (Cummins 350KW, 3PH, Natural Gas)	2008	15	20	Inspection and Replacement	4													Generator replaced 2/28. Agreement with Worldwide Power, Unit overall OK.
1C	Water Well Pump No. 4					4										\$ 517,000			Construction of new Crestside WTP was completed January 31, 2020.
1D	Waterline Replacement System	1964	60	40	Cast Iron Waterline Replacement Project	2					\$ 800,000		\$ 1,790,000						Replaced multiple areas with 4" waterlines and areas with AC or CI pipe in Hunter Creek.
2D	Waterline Replacement Project	1964	60	40	Cast Iron Waterline Replacement Project	2					\$ 800,000					\$ 900,000			Replaced multiple areas with 4" waterlines and areas with AC or CI pipe in 7th Street.
3D	CDH South Interconnect along San Felipe	NA	0	40	Waterline Extension	NA							\$ 3,200,000						Waterline along San Felipe connect with CDH. 16 in 12" waterline along San Felipe.
4D	City of Redding Village - Utility Relocation	1964	60	40	Relocation and Rehabilitation	1					\$ 800,000					\$ 900,000			City of Redding interconnect to improve streets and drainage and MVA utilities.
5E	West Well and Influent Channel	1964	60	35	Rehabilitation of West Well & Influent Channel	3					\$ 1,400,000								Channel walls showing exposed aggregate. Structural integrity not a major concern.
2E	Clarifier No. 1	1964	60	20	Rehabilitation of Excess Clarifiers	1					\$ 1,513,000								Structural improvements are required. Signs of excessive corrosion are visible.
3E	Clarifier No. 2	1964	60	20	Rehabilitation of Excess Clarifiers	1					\$ 2,000,000								Structural improvements are required. Signs of excessive corrosion are visible.
4E	Additional Carbon Air Filter	1964	60	35	Addition of Carbon Air Filter	2							\$ 400,500						Additional unit to allow for redundancy.
5E	Sludge Centrifuge Control Panel Upgrade	1964	60	20	Replacement of Sludge Centrifuge Control Panel	2					\$ 80,000								Multiple areas of panel have been replaced. System shows excessive corrosion.
6E	Blower Panel Rehab	1964	60	20	Remove Sediment Accumulation	1					\$ 160,000								Asset shows excessive tripping. Electrical failure is imminent.
7E	Basin #1 & #2	2000	24	10	Contract Bids	1									\$ 2,500,000				25-35. Add planned maint expected 3/23. To provide additional treatment capacity with minimum erosion of process facility.
8E	Sand Filters	N/A	0	50	Install new Sand Filters	NA													25-35. Add planned maint expected 3/23. To provide additional treatment capacity with minimum erosion of process facility.
Sanitary Sewer Collection System																			25-35. Add planned maint expected 3/23. To provide additional treatment capacity with minimum erosion of process facility.
1F	Memorial Drive Sanitary Sewer Rehab	1960	64	40	Rehabilitation	2						\$ 2,000,000							Rehabilitation of Sanitary Sewer line located within roadway.
2F	Emergency Repairs Ames Circle & Westwood	1960	64	40	Replace and rehab portions of Sanitary Sewer System to Existing SCADA System	1					\$ 333,280								25-35. Partial completion expected March 2023. Provide improved controls and communication for life station operations.
3F	Lift Station Communication Project	N/A	0	20	WW Line Rehabilitation and Replacement	NA							\$ 200,000						Replace 8" sanitary line from 1st & Magnolia Bend.
4F	Sanitary Sewer Twisted Crossing Rehab	1974	50	50	Replacement	4											\$ 350,000.00		
5F	Infiltration & Inflow System Study & Rehab - Phase I	1993	31	25	Sanitary Sewer I/I Study	NA					\$ 200,000								Sanitary Sewer I/I Study
6F	Echo Lane Lift Station Rehab	1968	56	25	Rehabilitation	1						\$ 250,000							Station control panel must be relocated out of flood water.
							TOTALS												
							\$ 467,280	\$ 3,923,882	\$ 1,800,000	\$ 2,517,000	\$ 4,000,000	\$ 2,302,500	\$ 2,070,000	\$ 3,200,000	\$ 2,500,000	\$ 1,617,000	\$ 1,250,000	\$ 2,970,000	
							\$ 86,512	\$ 704,319	\$ 324,000	\$ 453,080	\$ 720,000	\$ 414,450	\$ 372,000	\$ 576,000	\$ 450,000	\$ 291,080	\$ 225,000	\$ 534,800	
							\$ 528,792	\$ 4,630,211	\$ 2,124,000	\$ 2,970,080	\$ 4,720,000	\$ 2,716,950	\$ 2,442,000	\$ 3,776,000	\$ 2,950,000	\$ 1,908,080	\$ 1,475,000	\$ 3,504,800	

Priority Key:
1 - Extended expected life. High risk of breakdown or imminent failure with serious impact on performance.
2 - Very near end of physical life. Substantial maintenance ongoing. Unplanned corrective maintenance is common.
3 - Asset functions but requires moderate level of maintenance. Renewal expected within the near future.
4 - Asset is sound but showing signs of wear. Virtually all maintenance is planned and preventative.

TABLE 8
Memorial Villages Water Authority
Summary of Water Revenues Requirement
Assumes 0% Rate Adjustment

Description	Est End of FY 23-24	RECOM FY 24-25	Projected									
			FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	FY 32-33	FY 33-34	FY 34-35
Revenues												
Water	6,989,000	5,000,000	5,500,000	5,527,500	5,555,138	5,582,913	5,610,828	5,638,882	5,667,076	5,695,412	5,723,889	5,752,508
Sewer	2,506,000	2,400,000	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000
Property Tax	1,550,000	1,550,000	1,560,000	1,567,800	1,575,639	1,583,517	1,591,435	1,599,392	1,607,389	1,615,426	1,623,503	1,631,503
Bunker Hill	675,000	1,680,000	1,391,111	1,391,111	1,391,111	1,391,111	1,391,111	1,391,111	1,391,111	1,391,111	1,391,111	1,391,111
All Other Revenues	380,000	387,000	392,805	398,697	404,678	410,748	416,909	423,163	429,510	435,953	442,492	449,492
Total Revenues	12,100,000	11,017,000	11,143,916	11,185,108	11,226,565	11,268,289	11,310,282	11,352,547	11,395,086	11,437,901	11,480,995	11,509,614
Expenses												
Water Purchased City of Houston	3,300,000	3,500,000	3,552,500	3,605,788	3,659,874	3,714,772	3,770,494	3,827,051	3,884,457	3,942,724	4,001,865	4,061,893
Capital Improvement Projects	607,691	4,630,311	2,124,000	2,970,060	4,720,000	2,716,950	2,442,600	3,776,000	2,950,000	1,908,060	1,475,000	3,504,600
Water Plant (less COH Wtr & CIP)	1,244,847	1,288,400	1,307,726	1,327,342	1,347,252	1,367,461	1,387,973	1,408,792	1,429,924	1,451,373	1,473,144	1,495,241
Water Distribution (less CIP)	790,000	691,100	701,467	711,988	722,668	733,508	744,511	755,679	767,014	778,519	790,197	802,050
Sewer Plant & Lines (less CIP)	1,225,000	1,466,000	1,487,990	1,510,310	1,532,964	1,555,959	1,579,298	1,602,988	1,627,033	1,651,438	1,676,210	1,701,353
Sewer Collection (less CIP)	160,000	166,000	168,490	171,017	173,583	176,186	178,829	181,512	184,234	186,998	189,803	192,650
Billing and Collection (less CIP)	120,000	95,000	96,425	97,871	99,339	100,830	102,342	103,877	105,435	107,017	108,622	110,251
Gen & Admin (less CIP)	1,250,000	1,328,910	1,348,844	1,369,076	1,389,612	1,410,457	1,431,613	1,453,088	1,474,884	1,497,007	1,519,462	1,542,254
Total Expenses	8,697,538	13,165,721	10,787,441	11,763,453	13,645,294	11,776,123	11,637,661	13,108,987	12,472,981	11,523,136	11,234,302	13,410,292
Rate Adjustment %		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Water Base Rate	\$ 17.50	\$ 17.50	\$ 17.50	\$ 17.50	\$ 17.50	\$ 17.50	\$ 17.50	\$ 17.50	\$ 17.50	\$ 17.50	\$ 17.50	\$ 17.50
Sewer Base Rate	\$ 17.50	\$ 17.50	\$ 17.50	\$ 17.50	\$ 17.50	\$ 17.50	\$ 17.50	\$ 17.50	\$ 17.50	\$ 17.50	\$ 17.50	\$ 17.50
Est Avg Residential Bill/Mo.												
1" Meter - 29,000 gal Water	\$ 109.65	\$ 109.65	\$ 109.65	\$ 109.65	\$ 109.65	\$ 109.65	\$ 109.65	\$ 109.65	\$ 109.65	\$ 109.65	\$ 109.65	\$ 109.65
1" Meter - 29,000 gal Sewer	\$ 92.00	\$ 92.00	\$ 92.00	\$ 92.00	\$ 92.00	\$ 92.00	\$ 92.00	\$ 92.00	\$ 92.00	\$ 92.00	\$ 92.00	\$ 92.00
Total Bill/Cust/Mo.	\$ 201.65	\$ 201.65	\$ 201.65	\$ 201.65	\$ 201.65	\$ 201.65	\$ 201.65	\$ 201.65	\$ 201.65	\$ 201.65	\$ 201.65	\$ 201.65
Cash Bal	\$ 7,000,000	\$ 4,851,279	\$ 5,207,754	\$ 4,629,410	\$ 2,210,681	\$ 1,702,847	\$ 1,375,469	\$ (380,970)	\$ (1,408,866)	\$ (1,494,100)	\$ (1,247,408)	\$ (3,394,778)

Note: All revenues and expenses contain a multiplier of 2.5% increase after FYE 2022 with the exception of property taxes. It is recommended MVWA have a target working capital of no less than 5 months at all times.

Dated: 4/02/2024

DRINKING WATER (P/A) COLIFORM REPORT

TCEQ PWSID: 1010148

PWSID Name: Memorial Villages Water Authority

County: Harris

System Type: PU

Water Source: Richard M Culver

Collector: WG0000185

Operator License #: 125200

Position: SM 9223 B

Send Results To:

Client Name: Memorial Villages Water Authority

Address: 8955 Gaylord Drive

City/State/Zip: Houston, TX, 77024

Phone: 713.465.8318

Email: /leon@mwva.org

Account: 125200

Method: SM 9223 B

Houston Health Department
Environmental Microbiology Laboratory
 2250 Holcombe Blvd, Houston, TX 77030
 P (832) 393-3939 F (832) 393-3989
 www.houstontx.gov/health/water.html
 waterlab.info@houstontx.gov



Received By: mkemp Received Date/Time: 03/04/2024 12:23 Sample Iced?: Yes Receipt Temp.(°C): 14.6 Corrected Temp. (°C): 14.5

Note: The results in this report apply only to the samples described below.

Lab Sample ID	Sample Identification	Collection Date/Time	Sample Type	Replacement	Previous Sample # (if RP)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Rejection Criteria	Lab Chlorine	Total Coliform	E. coli	Analysis Start Date/Time	Analysis End Date/Time	Analyst
240304016.01	780 Kuhlman SS	03/04/2024 10:15	RT	N		3.9			Absent	Absent	Absent	03/04/2024 14:36	03/05/2024 09:00	BG
240304016.02	598 Pifer Rd SS	03/04/2024 10:45	RT	N		3.7			Absent	Absent	Absent	03/04/2024 14:36	03/05/2024 09:00	BG
240304016.03	625 Piney Point Rd	03/04/2024 11:10	RT	N		2.9			Absent	Absent	Absent	03/04/2024 14:36	03/05/2024 09:00	BG
240304016.04	11719 Woodsage	03/04/2024 11:35	RT	N		2.8			Absent	Absent	Absent	03/04/2024 14:36	03/05/2024 09:00	BG

Additional Comments:

Approving Technical Director: Jennifer Myers

Report Approval Signature:

Jennifer Myers

Approval Date: 03/05/2024

Report Date: 03/05/2024

DRINKING WATER (P/A) COLIFORM REPORT

TCEQ PWSID: 1010148
PWSID Name: Memorial Villages Water Authority
County: PU
System Type: Richard M Culver
Water Source: WG00000185
Collector: Richard M Culver
Operator License #: WG00000185
Position:

Client Name: Memorial Villages Water Authority
Address: 8955 Gaylord Drive
City/State/Zip: Houston, TX, 77024
Phone: 713.465.8318
Email: /leon@mvwa.org
Account: 125200
Method: SM 9223 B

Send Results To:
Client Name: Memorial Villages Water Authority
Address: 8955 Gaylord Drive
City/State/Zip: Houston, TX, 77024
Phone: 713.465.8318
Email: /leon@mvwa.org
Account: 125200
Method: SM 9223 B



Houston Health Department
Environmental Microbiology Laboratory
2250 Holcombe Blvd, Houston, TX 77030
P (832) 393-3939 F (832) 393-3989
www.houston.tx.gov/health/water.html
waterlab.info@houston.tx.gov

Received By: mkemp Received Date/Time: 03/11/2024 13:19 Sample Iced?: Yes Receipt Temp.(°C): 17.8 Corrected Temp. (°C): 17.9

Note: The results in this report apply only to the samples described below.

Lab Sample ID	Sample Identification	Collection Date/Time	Sample Type	Replacement	Previous Sample # (if RP)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Rejection Criteria	Lab Chlorine	Total Coliform	E. coli	Analysis Start Date/Time	Analysis End Date/Time	Analyst
240311023.01	41 Willowend SS	03/11/2024 10:50	RT	N		3.8	3.8		Absent	Absent	Absent	03/11/2024 14:37	03/12/2024 08:54	JV
240311023.02	11311 Coloma SS	03/11/2024 11:25	RT	N		3.9	3.9		Absent	Absent	Absent	03/11/2024 14:37	03/12/2024 08:54	JV
240311023.03	454 Blalock SS	03/11/2024 11:55	RT	N		3.8	3.8		Absent	Absent	Absent	03/11/2024 14:37	03/12/2024 08:54	JV

Additional Comments:

Approving Technical Director: Thuc Nguyen Report Approval Signature: Thuc Nguyen Approval Date: 03/12/2024 Report Date: 03/12/2024

DRINKING WATER (P/A) COLIFORM REPORT

TCEQ PWSID: 1010148	Send Results To:
PWSID Name: Memorial Villages Water Authority	Client Name: Memorial Villages Water Authority
County: Harris	Address: 8955 Gaylord Drive
System Type: PU	City/State/Zip: Houston, TX, 77024
Water Source:	Phone: 713.465.8318
Collector: Richard M Culver	Email: /leon@mwwa.org
Operator License #: WG0000185	Account: 125200
Position:	Method: SM 9223 B
Received By: fjanovich	Received Date/Time: 03/18/2024 12:40
	Sample Iced?: Yes
	Receipt Temp. (°C): 12.1
	Corrected Temp. (°C): 12.0

Note: The results in this report apply only to the samples described below.

Lab Sample ID	Sample Identification	Collection Date/Time	Sample Type	Sample Replacement	Previous Sample # (if RP)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Rejection Criteria	Lab Chlorine	Total Coliform	E. coli	Analysis Start Date/Time	Analysis End Date/Time	Analyst
240318009.01	San Felipe At Willowick SS	03/18/2024 10:30	RT	N		2.4			Absent	Absent	Absent	03/18/2024 15:34	03/19/2024 09:34	BG
240318009.02	22 Windermere	03/18/2024 11:00	RT	N		2.2			Absent	Absent	Absent	03/18/2024 15:34	03/19/2024 09:34	BG
240318009.03	422 Timberwilde SS	03/18/2024 11:30	RT	N		2.6			Absent	Absent	Absent	03/18/2024 15:34	03/19/2024 09:34	BG

Additional Comments:

Approving Technical Director: Jennifer Myers

Report Approval Signature:

Approval Date: 03/19/2024

Report Date: 03/19/2024

PERMITTEE NAME / ADDRESS
 NAME MEMORIAL VILLAGES WATER AUTHORITY
 ADDRESS 8955 GAYLORD
 HOUSTON TX, 77024

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT

TOTAL FACILITY DISCHARGE

TX 0047457	011 A
PERMIT NUMBER	DISCHARGE NUMBER

F - FINAL
 MAJOR

MONITORING PERIOD	
YEAR/MO/DAY	YEAR/MO/DAY
24/2/1	24/2/29
FROM	TO

*** NO DISCHARGE

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
OXYGEN, DISSOLVED (DO)	*****	*****	****	8.00	*****	*****	0	2 / WEEK	GRAB
	*****	*****		4.0	*****	*****		TWICE / WEEK	GRAB
EFFLUENT GROSS VALUE	*****	*****	****	MO MIN	*****	*****			
	*****	*****		6.7	*****	7.2	0	2 / WEEK	GRAB
PH	*****	*****	****	6.0	*****	9.0		TWICE / WEEK	GRAB
	*****	*****		MINIMUM	*****	MAXIMUM			
00400 1 0 0	*****	*****	(26)	*****	*****	*****	0	2 / WEEK	GRAB
	*****	*****		*****	*****	*****			
SOLIDS, TOTAL SUSPENDED	14.67	*****	LBS/DAY	*****	1.34	3.20	0	2 / WEEK	COMP-6
	382	*****		*****	15	40		TWICE / WEEK	COMP-6
00630 1 0 0	30 DA AVG	*****	(26)	*****	DAILY AVG	DAILY MAX			
	*****	*****		*****	*****	*****	0	2 / WEEK	COMP-6
NITROGEN, AMMONIA TOTAL (AS N)	1.32	*****	LBS/DAY	*****	0.12	0.20	0	2 / WEEK	COMP-6
	76	*****		*****	2	10		TWICE / WEEK	COMP-6
EFFLUENT GROSS VALUE	30 DA AVG	*****	(03)	*****	DAILY AVG	DAILY MAX			
	*****	*****		*****	*****	*****	0	CONT	METER TOTAL
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	1.343	3.814	MGD	*****	*****	*****		CONTIN	TOTALZ
	REPORT DAILY AVG	REPORT DAILY MAX		*****	*****	*****		UOUS	
50050 1 0 0	*****	*****	(78)	*****	*****	*****	0	CONT	METER TOTAL
	*****	*****		*****	*****	*****		CONTIN	TOTALZ
EFFLUENT GROSS VALUE	*****	*****	GPM	*****	*****	*****		UOUS	
	*****	*****		*****	*****	*****	0	CONT	METER TOTAL
See Comments Below	*****	*****	(03)	*****	*****	*****		CONTIN	TOTALZ
	*****	*****		*****	*****	*****		UOUS	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	1.220	*****	MGD	*****	*****	*****	0	CONT	METER TOTAL
	*****	*****		*****	*****	*****		CONTIN	TOTALZ
50050 P 0 0	*****	*****	MGD	*****	*****	*****		UOUS	
	*****	*****		*****	*****	*****	0	CONT	METER TOTAL
EFFLUENT GROSS VALUE	*****	*****	MGD	*****	*****	*****		CONTIN	TOTALZ
	*****	*****		*****	*****	*****		UOUS	

TRC 0.5 MINIMUM TO BE REPORTED IF "JET DISINFECTION" APPLIES, OTHERWISE 1.0 MINIMUM WILL APPLY.

PERMITTEE NAME / ADDRESS
 NAME MEMORIAL VILLAGES WATER AUTHORITY
 ADDRESS 8955 GAYLORD
 HOUSTON TX, 77024

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT

TOTAL FACILITY DISCHARGE

TX 0047457
 PERMIT NUMBER

011 A
 DISCHARGE NUMBER

F - FINAL
 MAJOR

FROM YEAR/MO/DAY 24/2/1
 TO YEAR/MO/DAY 24/2/29

FACILITY WASTEWATER TREATMENT FACILITY
 LOCATION 11 1/2 FARNHAM PARK
 HOUSTON TX, 77024

*** NO DISCHARGE ***

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
CHLORINE, TOTAL RESIDUAL 50060 B 0 0 PRIOR TO DISINFECT	*****	*****	*****	*****	*****	0.08	0	8/PER DAY	GRAB
	*****	*****	****	*****	*****	0.099		DAILY	GRAB
	*****	*****	****	*****	*****	INST. MAX			
CHLORINE, TOTAL RESIDUAL 50060 P 0 0 SEE COMMENTS BELOW	*****	*****	*****	1.15	*****	*****	0	8/PER DAY	GRAB
	*****	*****	****	1.0	*****	*****		DAILY	GRAB
	*****	*****	****	NO MIN	*****	*****			
E.coli 51040 1 0 0					2.00	2.00	0	2 / WEEK	GRAB
					63	200		01/07 WEEKLY	GRAB
					DAILY AVG.	DAILY MAX			
BOD, CARBONACEOUS 05 DAY, 20 C 80082 1 0 0 EFFLUENT GROSS VALUE	31.70	*****	(26)	*****	3.04	5.40	0	2 / WEEK	COMP - 6
	254	*****		*****	10	25		TWICE / WEEK	COMP - 6
	30 DA AVG		LBS/DAY		DAILY AVG.	DAILY MAX			
SAMPLE MEASUREMENT PERMIT REQUIREMENT									
SAMPLE MEASUREMENT PERMIT REQUIREMENT									
SAMPLE MEASUREMENT PERMIT REQUIREMENT									

TRC 0.5 MINIMUM TO BE REPORTED IF "JET DISINFECTION" APPLIES, OTHERWISE 1.0 MINIMUM WILL APPLY.

Exhibit I

MEMORIAL VILLAGES
WATER AUTHORITYWASTE WATER TREATMENT FACILITY
MONTHLY OPERATING REPORTFOR: FEBRUARY, 2024
PERMIT # TX-0047457

DATE	TIME	TREATMENT FACILITY QUANTITY & QUALITY RESULTS											RAW INFLUENT				RAIN
		TREATED MGD	BOD mg/l	TSS mg/l	NH3-N mg/l	PH units	CL2 min	CL2 lbs	D.O. min	DE-CL2 max	e-coli cfu/100ml	e-coli GeoMean	BOD mg/l	NH3N mg/l	TSS mg/l	VSS mg/l	TOTAL INCHES
1	07:00	1.299	3.90	1.60	0.10	7.00	3.31	165	8.60	0.06			77.4	18.8	62.0	54.0	
2	07:00	1.387					2.41	160		0.08							
3	08:00	2.365					5.15	205		0.01							0.80
4	08:00	3.814					5.70	300		0.01							
5	07:00	1.456					1.16	170		0.06							
6	07:00	1.511	3.30	1.30	0.10	7.14	1.76	175	8.43	0.04	2	0.30	59.0	18.5	82.0	68.0	
7	07:00	1.293					1.27	165		0.04							
8	07:00	1.378	2.90	1.20	0.20	7.20	2.43	160	8.10	0.06			200.0	30.1	157.0	120.0	
9	07:00	1.396					2.76	160		0.04							
10	08:00	1.411					4.90	145		0.05							0.02
11	08:00	1.219					2.10	120		0.05							
12	07:00	1.118					1.15	125		0.06							
13	07:00	1.235	3.30	1.00	0.10	7.10	4.28	140	8.47	0.06	2	0.30	172.0	28.3	148.0	130.0	
14	07:00	1.084					3.53	116		0.05							
15	07:00	1.258	2.40	1.00	0.20	7.00	3.31	100	8.70	0.06			148.0	31.4	136.0	134.0	
16	07:00	1.319					4.40	135		0.06							
17	08:00	1.437					4.59	155		0.02							0.10
18	08:00	1.083					5.24	115		0.03							
19	07:00	0.891					3.71	105		0.06							
20	07:00	1.210	2.00	3.20	0.10	7.20	3.82	130	8.30	0.04	2	0.30	177.0	24.6	160.0	146.0	
21	07:00	1.171					3.49	125		0.05							
22	07:00	1.518	2.00	1.00	0.10	7.00	2.13	115	8.80	0.05			75.2	20.7	68.0	52.0	
23	07:00	0.799					2.61	120		0.05							
24	08:00	1.067					4.02	125		0.07							
25	08:00	0.852					5.75	100		0.05							
26	07:00	0.907					1.87	100		0.04							
27	07:00	1.227	5.40	1.00	0.10	6.81	3.21	135	8.63	0.04	2	0.30	76.5	53.0	142.0	136.0	
28	07:00	1.211					2.41	130		0.04							
29	07:00	1.022	2.20	1.00	0.10	6.70	4.51	135	8.00	0.06			113.0	25.5	82.0	76.0	
TOTAL AVERAGE MAXIMUM MINIMUM		38.936	27.40	12.30	1.10	63.16	96.77	4120	76.03	1.39	8.00	1.20	1098.2	250.9	1027.0	916.0	0.92
		1.343	3.04	1.37	0.12	7.02	3.34	142	8.45	0.05	2.00	2.00	122.0	27.9	114.1	101.8	0.31
		3.814	5.40	3.20	0.20	7.20	5.75	300	8.80	0.08	2.00	0.30	200.0	53.0	160.0	146.0	0.80
		0.799	2.00	1.00	0.10	6.70	1.15	100.00	8.00	0.01	2.00	0.30	59.00	18.50	58.00	52.00	0.02

EFFLUENT CHARACTERISTICS

DISCHARGE LIMITATIONS

Self Monitoring
Sample

	Daily Avg mg/l(lbs/day)	7-Day Avg mg/l	Daily Max mg/l	Single Grab mg/l	Frequency	Type
CBOD	10 (254)	15	25	35	2/wk	Comp.
TSS	15 (382)	25	40	60	2/wk	Comp.
NH3N						
April - October	2 (51)	6	10	15	2/wk	Comp.
November - March	3 (76)	7	10	15	2/wk	Comp.
E.coli bacteria colonies per 100 ml	63 (N/A)	N/A	197	NA	1/wk	Grab
Chlorine Residual	Min. 1.0 mg/l before 20 min detention		Max. 0.1 mg/l after dechlorination		1/Day	Grab
Dissolved Oxygen	Min. 6.0 mg/l April - October		Min. 4.0 mg/l November - March		2/wk	Grab
pH	Min. 6.0 mg/l		Max. 9.0 mg/l		1/wk	Grab

CHIEF OPERATOR

Pete Torres

GEN. MANAGER

Trey Cantu

Exhibit J

Memorial Villages W A
Monthly Tax Office Report
March 31, 2024

Prepared by: Elizabeth Ruiz, Tax Assessor/Collector

A. Current Taxable Value \$ 6,724,147,657

B. Summary Status of Tax Levy and Current Receivable Balance:

	Current 2023 Tax Year	Delinquent 2022 & Prior Tax Years	Total
Original Levy 0.024389	\$ 1,589,394.33	\$ -	\$ 1,589,394.33
Carryover Balance	-	77,578.88	77,578.88
Adjustments	50,558.74	(17,512.71)	33,046.03
Adjusted Levy	1,639,953.07	60,066.17	1,700,019.24
Less Collections Y-T-D	1,569,388.18	23,459.21	1,592,847.39
Receivable Balance	\$ 70,564.89	\$ 36,606.96	\$ 107,171.85

C. COLLECTION RECAP:

Current Month:	Current 2023 Tax Year	Delinquent 2022 & Prior Tax Years	Total
Base Tax	\$ 66,170.90	\$ (454.01)	\$ 65,716.89
Penalty & Interest	5,422.20	(34.66)	5,387.54
Attorney Fees	-	-	-
Other Fees	12.31	2.01	14.32
Total Collections	\$ 71,605.41	\$ (486.66)	\$ 71,118.75

Year-To-Date:	Current 2023 Tax Year	Delinquent 2022 & Prior Tax Years	Total
Base Tax:	\$ 1,569,388.18	\$ 23,459.21	\$ 1,592,847.39
Penalty & Interest	7,591.05	3,577.97	11,169.02
Attorney Fees	-	1,337.44	1,337.44
Other Fees	514.38	(12.79)	501.59
Total Collections	\$ 1,577,493.61	\$ 28,361.83	\$ 1,605,855.44

Percent of Adjusted Levy	96.19%	97.92%
--------------------------	--------	--------

MONTHLY TAX OFFICE REPORT
Tax A/R Summary by Year
March 31, 2024

YEAR	BEGINNING BALANCE AS OF 04/30/2023	ADJUSTMENTS	COLLECTIONS	RECEIVABLE BALANCE AS OF 03/31/2024
22	\$ 48,971.75	\$ (12,463.77)	\$ 29,946.40	\$ 6,561.58
21	5,458.29	(4,511.24)	(4,093.25)	5,040.30
20	4,838.95	(1,663.48)	(1,221.75)	4,397.22
19	3,886.71	(766.82)	(759.90)	3,879.79
18	3,101.15	(434.02)	(430.25)	3,097.38
17	2,178.83	-	6.56	2,172.27
16	2,048.33	4.60	4.60	2,048.33
15	1,737.51	351.20	-	2,088.71
14	2,275.62	528.91	1.64	2,802.89
13	658.00	1,649.21	5.16	2,302.05
12	983.77	(84.42)	-	899.35
11	814.06	-	-	814.06
10	14.42	-	-	14.42
09	5.56	8.09	-	13.65
08	120.36	2.04	-	122.40
07	133.60	(120.95)	-	12.65
06	10.82	2.18	-	13.00
05	295.39	-	-	295.39
04	18.15	-	-	18.15
03	13.37	-	-	13.37
02	14.24	(14.24)	-	(0.00)
	<u>\$ 44,883.56</u>	<u>\$ (17,512.71)</u>	<u>\$ 23,459.21</u>	<u>\$ 36,606.96</u>

TexPool Participant Services
1001 Texas Avenue, Suite 1150
Houston, TX 77002



TEXAS TRUST
TEXAS TREASURY SAFEGUARDING TRUST COMPANY
COMPTROLLER GUEN HIGAR, CHAIRMAN

MEMORIAL VILLAGES WATER AUTHORITY
MVWA OPERATING
ATTN TREY CANTU
8955 GAYLORD DR
HOUSTON TX 77024-2903

Participant Statement

Statement Period 03/01/2024 - 03/31/2024

Customer Service 1-866-TEX-POOL
Location ID 000079862
Investor ID 000030203

TexPool Update

Based on participant feedback, effective December 1, 2023, TexPool now offers direct check purchases into TexPool and TexPool Prime. Please contact TexPool Participant Services to learn more.

TexPool Summary

Pool Name	Beginning Balance	Total Deposits	Total Withdrawals	Total Interest	Current Balance	Average Balance
Texas Local Government Investment Pool	\$2,211,055.81	\$750,000.00	\$0.00	\$12,933.21	\$2,973,989.02	\$2,865,950.42
Texpool Prime	\$2,633,947.90	\$750,000.00	\$0.00	\$15,325.52	\$3,399,273.42	\$3,289,151.19
Total Dollar Value	\$4,845,003.71	\$1,500,000.00	\$0.00	\$28,258.73	\$6,373,262.44	

Portfolio Value

Pool Name	Pool/Account	Market Value (03/01/2024)	Share Price (03/31/2024)	Shares Owned (03/31/2024)	Market Value (03/31/2024)
Texas Local Government Investment Pool	449/7986200001	\$2,211,055.81	\$1.00	2,973,989.020	\$2,973,989.02
Texpool Prime	590/7986200001	\$2,633,947.90	\$1.00	3,399,273.420	\$3,399,273.42
Total Dollar Value		\$4,845,003.71			\$6,373,262.44

Interest Summary

Pool Name	Pool/Account	Month-to-Date Interest	Year-to-Date Interest
Texas Local Government Investment Pool	449/7986200001	\$12,933.21	\$32,288.36
Texpool Prime	590/7986200001	\$15,325.52	\$39,184.59
Total		\$28,258.73	\$71,472.95

Transaction Detail

Texas Local Government Investment Pool
Pool/Account: 449/7986200001

Participant: MEMORIAL VILLAGES WATER AUTHORITY

Transaction Date	Settlement Date	Transaction Description	Transaction Dollar Amount	Share Price	Shares This Transaction	Shares Owned
03/01/2024	03/01/2024	BEGINNING BALANCE	\$2,211,055.81	\$1.00		2,211,055.810
03/05/2024	03/05/2024	ACH DEPOSIT	\$750,000.00	\$1.00	750,000.000	2,961,055.810
03/28/2024	03/28/2024	MONTHLY POSTING	\$12,933.21	\$1.00	12,933.210	2,973,989.020

Account Value as of 03/31/2024

\$2,973,989.02

\$1.00

2,973,989.020

Texpool Prime

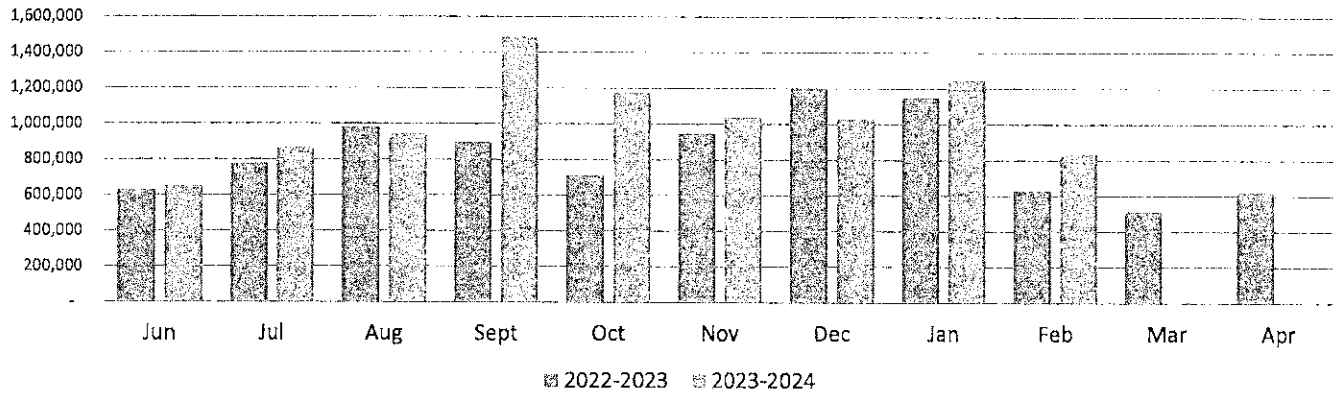
Participant: MEMORIAL VILLAGES WATER AUTHORITY

Pool/Account: 590/7986200001

Transaction Date	Settlement Date	Transaction Description	Transaction Dollar Amount	Share Price	Shares This Transaction	Shares Owned
03/01/2024	03/01/2024	BEGINNING BALANCE	\$2,633,947.90	\$1.00		2,633,947.900
03/05/2024	03/05/2024	ACH DEPOSIT	\$750,000.00	\$1.00	750,000.000	3,383,947.900
03/28/2024	03/28/2024	MONTHLY POSTING	\$15,325.52	\$1.00	15,325.520	3,399,273.420
Account Value as of 03/31/2024			\$3,399,273.42	\$1.00		3,399,273.420

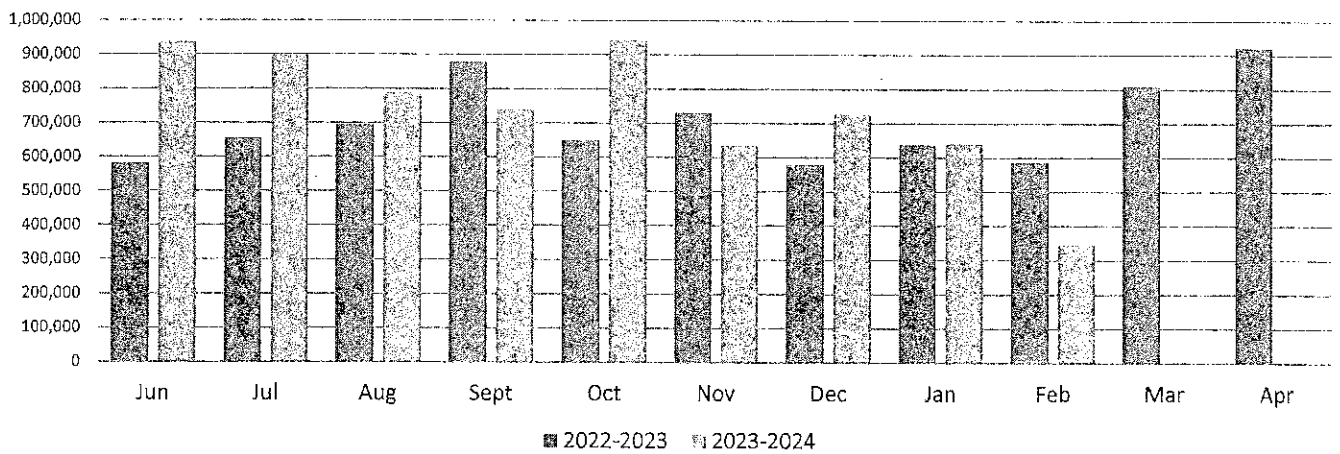
Monthly Revenue

2022-2023 & 2023-2024 • By Funds • By Department



Monthly Expenditures

2022-2023 & 2023-2024 • By Funds • By Department



MEMORIAL VILLAGES WATER AUTHORITY
BUDGETED STATEMENT OF REVENUE AND EXPENDITURES
FOR MONTH ENDING FEBRUARY 29, 2024

	MONTH				YTD		YTD		ANNUAL BUDGET 2023-2024		
	ACTUAL	BUDGET	MONTH	MONTH	ACTUAL	BUDGET	VARIANCE	%	TOTAL	REMAINING	%
REVENUE SUMMARY											
WATER SALES	224,967	433,333	208,366		5,467,032	4,333,330	(1,133,702)	105%	5,200,000	(267,032)	-5%
SEWER SALES	139,877	200,000	60,123		1,958,737	2,000,000	41,263	82%	2,400,000	441,263	18%
LATE PENALTIES	2,232	1,667	(565)		26,121	16,670	(9,451)	131%	20,000	(6,121)	-31%
COMPLETED TAPS/TAP REVENUES	0	3,250	3,250		50,425	32,500	(17,925)	129%	39,000	(11,425)	-29%
MISCELLANEOUS REVENUE	2,215	1,500	(715)		21,697	15,000	(6,697)	121%	18,000	(3,697)	-21%
SEWER SERV-BUNKER HILL VILLAGE	65,667	39,167	(26,500)		572,005	391,670	(180,335)	122%	470,000	(102,005)	-22%
INTEREST EARNED-OPERATING FUND	27,299	17,500	(9,799)		240,119	175,000	(65,119)	114%	210,000	(30,119)	-14%
TAX REVENUE COLLECTED	372,560	129,167	(243,393)		1,523,017	1,291,670	(231,347)	98%	1,550,000	26,983	2%
TOTAL REVENUE	834,816	825,584	(9,232)		9,859,152	8,255,840	(1,603,312)	100%	9,907,000	47,848	0%
EXPENSE SUMMARY											
WATER PLANT EXPENSES	120,592	346,838	226,246		3,786,032	3,468,380	(317,652)	91%	4,162,020	375,988	9%
WATER DISTRIBUTION EXPENSES	22,124	41,163	19,039		775,517	411,630	(363,887)	157%	493,963	(281,554)	-57%
WWTF EXPENSES	80,914	227,008	146,094		1,216,123	2,270,080	1,053,957	45%	2,724,080	1,507,957	55%
SEWER COLL/LIFT STATIONS EXPENSES	19,298	43,338	24,040		446,312	433,380	(12,932)	86%	520,040	73,728	14%
BILLING & COLLECTION EXPENSES	3,392	5,383	1,991		105,313	53,833	(51,479)	163%	64,600	(40,713)	-63%
G & A EXPENSES	98,602	102,512	3,910		1,030,323	1,025,120	(5,203)	84%	1,230,112	199,789	16%
TOTAL EXPENSES	344,923	766,242	421,319		7,359,620	7,662,423	302,804	80%	9,194,815	1,835,195	20%
REVENUE OVER/(UNDER) EXPENDITURES *	489,893	59,342	(430,551)		2,499,533	593,417	(1,906,116)	351%	712,185	(1,787,348)	-251%

Revenue Over "++"/(Under) "-" expenditures differ from Budget

Budget Note: a "+" positive variance means we are under our budget, a "-" negative variance means we are over our budget.

MEMORIAL VILLAGES WATER AUTHORITY
BUDGETED STATEMENT OF REVENUE AND EXPENDITURES
FOR MONTH ENDING FEBRUARY 29, 2024

	MONTH			MONTH			YTD	YTD	ANNUAL BUDGET 2023-2024		
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE			TOTAL	REMAINING	%
REVENUE											
01-00-4010 WATER SALES	224,967	433,333	8,305	5,467,032	4,333,330	(1,133,702)			5,200,000	(267,032)	-5.1%
01-00-4020 SEWER SALES	139,877	200,000	10,301	1,958,737	2,000,000	41,263			2,400,000	441,263	18.4%
01-00-4030 LATE PENALTIES	2,232	1,667	(1,063)	26,121	16,670	(9,451)			20,000	(6,121)	-30.6%
01-00-4040 COMPLETED TAPS/TAP REVENUES		3,250	3,250	50,425	32,500	(17,925)			39,000	(11,425)	-29.3%
01-00-4050 MISCELLANEOUS REVENUE		1,500	1,500	16,910	15,000	(1,910)			18,000	1,090	6.1%
01-00-4170 SEWER SERV-BUNKER HILL VILLAGE	65,667	39,167	(22,116)	572,005	391,670	(180,335)			470,000	(102,005)	-21.7%
01-00-4200 INTEREST EARNED-OPERATING FUND	27,299	17,500	(8,777)	240,119	175,000	(65,119)			210,000	(30,119)	-14.3%
01-00-4310 TAX REVENUE COLLECTED	372,560	129,167	(193,098)	1,523,017	1,291,670	(231,347)			1,550,000	26,983	1.7%
01-00-4320 P & I REVENUE COLLECTED	1,819	0	(18)	4,285	0	(4,285)			-	(4,285)	0.0%
01-00-4365 TAXES OTHER FEES	396	0	(25)	502	0	(502)			-	(502)	0.0%
TOTAL REVENUE	834,816	825,584	(201,740)	9,859,152	8,255,840	(1,603,312)			9,907,000	47,848	0.5%
WATER PLANT EXPENSES											
01-01-5113 WATER PLANT-SALARY & WAGES	24,866	23,917	(6,710)	254,826	239,170	(15,656)			287,000	32,174	11.2%
01-01-5114 WATER PLANT- OVERTIME	4,283	5,000	286	49,608	50,000	392			60,000	10,392	17.3%
01-01-5117 WATER PLANT-VAC. HOLIDAYS ,ETC	326	3,458	(1,939)	38,585	34,580	(4,005)			41,500	2,915	7.0%
01-01-5214 PAYROLL TAX EXP-WP	2,331	2,477	(639)	27,893	24,770	(3,123)			29,720	1,827	6.1%
01-01-5216 OUTSIDE LABOR-WP		167	167	0	1,670	1,670			2,000	2,000	100.0%
01-01-5217 ENGINEERING EXP-WP		2,083	(48,194)	76,988	20,830	(56,158)			25,000	(51,988)	-208.0%
01-01-6118 MAINTENANCE & REPAIRS-WP	11,422	15,000	12,613	165,869	150,000	(15,869)			180,000	14,131	7.9%
01-01-6120 CHEMICALS-WP	5,710	8,333	2,316	100,601	83,330	(17,271)			100,000	(601)	-0.6%
01-01-6121 UNIFORMS-WP	705	525	(180)	10,193	5,250	(4,943)			6,300	(3,893)	-61.8%
01-01-6122 POWER & FUEL-WP	6,704	20,833	2,858	229,984	208,330	(21,654)			250,000	20,016	8.0%
01-01-6123 EQUIPMENT RENTAL-WP		167	167	0	1,670	1,670			2,000	2,000	100.0%
01-01-6124 INSURANCE-WP	1,015	917	(226)	10,488	9,170	(1,318)			11,000	512	4.7%
01-01-6125 WATER ANALYSIS FEE-WP	564	500	335	7,994	5,000	(2,994)			6,000	(1,994)	-33.2%
01-01-6126 TRUCK EXPENSE-WP	1,201	583	(149)	19,911	5,830	(14,081)			7,000	(12,911)	-184.4%
01-01-6127 TOOLS-WP		67	67	316	670	354			800	484	60.5%
01-01-6128 TELEPHONE EXP/CABLE-WP	3,114	2,917	1,743	27,917	29,170	1,253			35,000	7,083	20.2%
01-01-6129 EQUIPMENT EXPENSE-WP		417	417	0	4,170	4,170			5,000	5,000	100.0%
01-01-6130 GROUND WATER CREDITS PURCHASE		19,167	19,167	87,362	191,670	104,308			230,000	142,638	62.0%
01-01-6131 TCEQ INSPECTION FEES-WP		1,000	1,000	9,976	10,000	24			12,000	2,024	16.9%
01-01-6132 PURCHASE SURFACE WATER-HOUSTON		233,333	(51,559)	2,470,068	2,333,330	(136,738)			2,800,000	329,932	11.8%
01-01-6133 LANDSCAPING-WP		167	167	0	1,670	1,670			2,000	2,000	100.0%
01-01-6134 OFFICE FURNITURE & FURNISHING		42	42	0	420	420			500	500	100.0%
01-01-6135 VEHICLE EXP. & REIMBURSEMENT	350	375	25	3,500	3,750	250			4,500	1,000	22.2%
01-01-6161 PERMITS - GROUND WATER-WP		1,417	1,417	12,524	14,170	1,646			17,000	4,476	26.3%
01-01-6352 FREIGHT CHARGES-WP		42	42	0	420	420			500	500	100.0%

MEMORIAL VILLAGES WATER AUTHORITY
BUDGETED STATEMENT OF REVENUE AND EXPENDITURES
FOR MONTH ENDING FEBRUARY 29, 2024

	MONTH				MONTH				ANNUAL BUDGET 2023-2024			
	ACTUAL	BUDGET	VARIANCE	YTD	ACTUAL	BUDGET	VARIANCE	YTD	TOTAL	REMAINING	%	
01-01-6353 MEDICAL EXPENSES-W.P.		17	17			0		170	200	200	100.0%	
01-01-6680 WATER PLANT IMPROVEMENTS	53,674	0	0			137,364		0	0	(137,364)	0.0%	
01-01-6684 PURCHASE OF EQUIPMENT-WP		2,167	2,167			32,605		21,670	26,000	(6,605)	-25.4%	
01-01-8458 REPAIR MAINT. BUILDING/GROUNDS		417	417			0		4,170	5,000	5,000	100.0%	
01-01-8460 SOFTWARE & DATA EXPENSES	4,328	1,250	1,250			10,408		12,500	15,000	4,592	30.6%	
01-01-8900 MISCELLANEOUS-WP		83	83			1,053		830	1,000	(53)	-5.3%	
TOTAL WATER PLANT EXPENSES	120,592	346,838	(62,833)			3,786,032		3,468,380	4,162,020	375,988	9.0%	
WATER DISTRIBUTION EXPENSES												
01-02-5113 SALARY & WAGES-WD	15,848	15,750	46			155,913		157,500	189,000	33,087	17.5%	
01-02-5114 OVERTIME-WD	47	833	833			2,990		8,330	10,000	7,010	70.1%	
01-02-5117 VAC. HOLIDAYS, ETC - WD	1,319		(3,655)			14,168		0				
01-02-5214 PAYROLL TAX EXP-WD	1,317	1,350	(131)			13,282		13,500	16,200	2,918	18.0%	
01-02-5216 OUTSIDE LABOR-WD		1,372	1,372			18,769		13,720	16,463	(2,306)	-14.0%	
01-02-5217 ENGINEERING EXPENSE-WD		833	833			2,908		8,330	10,000	7,092	70.9%	
01-02-6118 MAINTENANCE & REPAIRS-WD	758	8,333	(23,767)			452,949		83,330	100,000	(352,949)	-352.9%	
01-02-6120 CHEMICALS-WD		42	42			0		420	500	500	100.0%	
01-02-6123 EQUIPMENT RENTAL-WD		67	67			0		670	800	800	100.0%	
01-02-6124 INSURANCE-WD	1,015	917	(226)			10,488		9,170	11,000	512	4.7%	
01-02-6126 TRUCK EXPENSE-WD	1,223	333	(234)			5,131		3,330	4,000	(1,131)	-28.3%	
01-02-6127 TOOLS-WD		83	83			1,469		830	1,000	(469)	-46.9%	
01-02-6128 TELEPHONE EXP.-WD	219	250	127			1,294		2,500	3,000	1,706	56.9%	
01-02-6129 EQUIPMENT EXPENSE-WD		333	333			0		3,330	4,000	4,000	100.0%	
01-02-6135 VEHICLE EXP. & REIMBURSEMENT	150	167	17			1,500		1,670	2,000	500	25.0%	
01-02-6232 REGULATORY ASSESSMENT FEE-WD		1,750	(20,252)			31,913		17,500	21,000	(10,913)	-52.0%	
01-02-6352 FREIGHT CHARGES-WD		42	42			0		420	500	500	100.0%	
01-02-6684 PURCHASE OF EQUIPMENT-WD		8,333	8,333			59,106		83,330	100,000	40,894	40.9%	
01-02-8454 TAP COSTS-WATER DIST.		83	83			0		830	1,000	1,000	100.0%	
01-02-8460 SOFTWARE & DATA EXPENSE		42	42			0		420	500	500	100.0%	
01-02-8900 MISCELLANEOUS-WD	229	250	119			3,637		2,500	3,000	(637)	-21.2%	
TOTAL WATER DISTRIBUTION EXPENSES	22,124	41,163	(35,893)			775,517		411,630	493,963	(267,386)	-54.1%	
WWTF EXPENSES												
01-03-5113 SALARY & WAGES-WWTF	25,047	15,728	(14,954)			263,664		157,280	188,736	(74,928)	-39.7%	
01-03-5114 OVERTIME-WWTF	1,466	833	(535)			20,294		8,330	10,000	(10,294)	-102.9%	
01-03-5117 VACATIONS, HOLIDAYS, SICK PAY	923	3,208	(1,857)			40,336		32,080	38,500	(1,836)	-4.8%	
01-03-5214 PAYROLL TAX EXPENSE-WWTF	2,099	1,512	(1,327)			24,457		15,120	18,144	(6,313)	-34.8%	
01-03-5215 SECURITY SYSTEM-WWTF		333	333			2,100		3,330	4,000	1,900	47.5%	
01-03-5216 OUTSIDE LABOR-WWTF		167	167			0		1,670	2,000	2,000	100.0%	

MEMORIAL VILLAGES WATER AUTHORITY
BUDGETED STATEMENT OF REVENUE AND EXPENDITURES
FOR MONTH ENDING FEBRUARY 29, 2024

	MONTH				MONTH				YTD				ANNUAL BUDGET 2023-2024			
	ACTUAL	BUDGET	MONTH	VARIANCE	ACTUAL	BUDGET	MONTH	VARIANCE	ACTUAL	BUDGET	YTD	VARIANCE	TOTAL	REMAINING	%	
01-03-5217 ENGINEERING EXPENSE-WWTF		16,667		2,458	112,769	166,670		53,901	200,000	87,231	43.6%					
01-03-6118 MAINTANCE & REPAIRS-W.W.T.F.	12,829	12,083		8,300	107,439	120,830		13,391	145,000	37,561	25.9%					
01-03-6120 CHEMICALS-WWTF	7,159	9,167		758	102,502	91,670		(10,832)	110,000	7,498	6.8%					
01-03-6121 UNIFORMS-WWTF	548	375		(173)	7,647	3,750		(3,897)	4,500	(3,147)	-69.9%					
01-03-6122 POWER & FUEL-WWTF	16,284	12,083		(4,140)	148,750	120,830		(27,920)	145,000	(3,750)	-2.6%					
01-03-6123 EQUIP RENTAL-WWTF		250		250	0	2,500		2,500	3,000	3,000	100.0%					
01-03-6124 INSURANCE-WWTF	1,015	917		(226)	10,488	9,170		(1,318)	11,000	512	4.7%					
01-03-6125 SEWER ANALYSIS FEE-WWTF	3,272	2,917		694	26,936	29,170		2,234	35,000	8,064	23.0%					
01-03-6126 TRUCK EXPENSE-WWTF	487	333		(1,814)	9,771	3,330		(6,441)	4,000	(5,771)	-144.3%					
01-03-6127 TOOLS-WWTF		167		167	2,064	1,670		(394)	2,000	(64)	-3.2%					
01-03-6128 TELEPHONE/CABLE EXP.-WWTF	721	1,050		457	9,240	10,500		1,260	12,600	3,360	26.7%					
01-03-6129 EQUIPMENT EXPENSE-WWTF		167		167	2,501	1,670		(831)	2,000	(501)	-25.0%					
01-03-6131 TCEQ INSPECTION FEE-WWTF		1,833		1,633	200	18,330		18,130	22,000	21,800	99.1%					
01-03-6133 LANDSCAPING-WWTF		50		50	0	500		500	600	600	100.0%					
01-03-6134 OFFICE FURNITURE/FURNISHING		42		42	0	420		420	500	500	100.0%					
01-03-6334 SLUDGE DISPOSAL FEE-WWTF	7,591	19,167		10,737	155,849	191,670		35,821	230,000	74,151	32.2%					
01-03-6351 OFFICE SUPPLIES-WWTF	34	292		(803)	3,054	2,920		(134)	3,500	446	12.7%					
01-03-6352 FREIGHT CHARGES-WWTF		42		42	0	420		420	500	500	100.0%					
01-03-6353 MEDICAL EXPENSE-WWTF		42		42	0	420		420	500	500	100.0%					
01-03-6682 WWTF & TRUNK LINE IMPROVEMENTS					164,620	1,083,330		918,710	1,300,000	1,135,380	87.3%					
01-03-6684 PURCHASE OF EQUIPMENT-WWTF					0	179,170		179,170	215,000	215,000	100.0%					
01-03-8458 REPAIRS BUILDING/GROUNDS-WWTF		417		417	0	4,170		4,170	5,000	5,000	100.0%					
01-03-8460 SOFTWARE & DATA EXPENSE	1,443	833		833	1,443	8,330		6,887	10,000	8,557	85.6%					
01-03-8900 MISCELLANEOUS-WWTF		83		83	0	830		830	1,000	1,000	100.0%					
TOTAL WWTF EXPENSES	80,914	227,008		128,051	1,216,123	2,270,080		1,053,957	2,724,080	1,507,957	55.4%					
SEWER COLLECTIONS/LIFT STATIONS EXPENSES																
01-04-5113 SALARY & WAGES-SC		0		0	0	0		0	-	0	0.0%					
01-04-5114 OVERTIME-SC		0		0	0	0		0	-	0	0.0%					
01-04-5214 PAYROLL TAX EXPENSE-SC		0		0	0	0		0	-	0	0.0%					
01-04-5216 OUTSIDE LABOR-SC		167		167	0	1,670		1,670	2,000	2,000	0.0%					
01-04-5217 ENGINEERING EXPENSE-SC		5,000		5,000	14,811	50,000		35,189	60,000	45,189	75.3%					
01-04-6118 MAINTENANCE & REPAIRS-SC		1,667		1,667	23,520	16,670		(6,850)	20,000	(3,520)	-17.6%					
01-04-6120 CHEMICALS-SC		250		250	0	2,500		2,500	3,000	3,000	100.0%					
01-04-6122 POWER & FUEL-SC	768	667		73	5,599	6,670		1,071	8,000	2,401	30.0%					
01-04-6123 EQUIPMENT RENTAL-SC		250		250	0	2,500		2,500	3,000	3,000	100.0%					
01-04-6124 INSURANCE-SC	1,268	1,083		(346)	13,109	10,830		(2,279)	13,000	(109)	-0.8%					
01-04-6126 TRUCK EXPENSE-SC		583		583	0	5,830		5,830	7,000	7,000	100.0%					
01-04-6127 TOOLS-SC		42		42	0	420		420	500	500	100.0%					

MEMORIAL VILLAGES WATER AUTHORITY
BUDGETED STATEMENT OF REVENUE AND EXPENDITURES
FOR MONTH ENDING FEBRUARY 29, 2024

	MONTH ACTUAL	MONTH BUDGET	MONTH VARIANCE	YTD ACTUAL	YTD BUDGET	YTD VARIANCE	ANNUAL BUDGET 2023-2024		
							TOTAL	REMAINING	%
01-04-6128 TELEPHONE/CABLE EXP.-SC	361	408	382	3,366	4,080	714	4,900	1,534	31.3%
01-04-6129 EQUIPMENT EXPENSE-SC		417	417	0	4,170	4,170	5,000	5,000	100.0%
01-04-6133 LANDSCAPING-SC		17	17	0	170	170	200	200	100.0%
01-04-6232 REGULATORY ASSESSMENT FEE-SC		1,750	(20,252)	31,913	17,500	(14,413)	21,000	(10,913)	-52.0%
01-04-6352 FREIGHT CHARGE-SC		20	20	0	200	200	240	240	100.0%
01-04-6683 SEWER COLLECTION IMPROVEMENTS		26,667	26,667	333,293	266,670	(66,623)	320,000	(13,293)	-4.2%
01-04-6684 PURCHASE OF EQUIPMENTS-SC	16,900	4,167	4,167	16,900	41,670	24,770	50,000	33,100	66.2%
01-04-8458 REPAIRS TO BUILDING/GROUNDS		50	50	0	500	500	600	600	100.0%
01-04-8460 SOFTWARE & DATA EXPENSE		83	(3,627)	3,800	830	(2,970)	1,000	(2,800)	-280.0%
01-04-8900 MISCELLANEOUS EXP.-SC		50	50	0	500	500	600	600	100.0%
TOTAL SEWER COLLECTIONS/LIFT STATIONS EXPENSES	19,298	43,338	15,576	446,312	433,380	(12,932)	520,040	73,728	14.2%
BILLING & COLLECTION EXPENSES									
01-05-5112 SALARIES & WAGES-METER READERS/BILLING		0	0	0	0	0	-	0	0.0%
01-05-5114 OVERTIME-METER READERS		0	0	0	0	0	-	0	0.0%
01-05-5216 OUTSIDE LABOR-BILLING/COLLECT.		0	0	0	0	0	-	0	0.0%
01-05-6565 COMPUTER BILLING-U/B	3,392	5,000	(10,002)	62,413	50,000	(12,413)	60,000	(2,413)	-4.0%
01-05-6684 PURCHASE OF EQUIPMENT-U/B		383	383	42,900	3,833	(39,067)	4,600	(38,300)	-832.6%
01-05-8460 SOFTWARE & DATA EXPENSE		0	0	0	0	0	-	0	0.0%
TOTAL BILLING & COLLECTION EXPENSES	3,392	5,383	(9,619)	105,313	53,833	(51,479)	64,600	(40,713)	-63.0%
G & A EXPENSES									
01-07-5110 SALARIES & WAGES-MANAGER	12,758	12,762	1,279	131,412	127,620	(3,792)	153,142	21,730	14.2%
01-07-5111 SALARIES & WAGES-OFFICE STAFF	14,951	15,728	(4,440)	161,608	157,280	(4,328)	188,732	27,124	14.4%
01-07-5117 VAC., HOLIDAYS & ETC-G&A	1,402	2,618	(857)	30,088	26,180	(3,908)	31,421	1,333	4.2%
01-07-5214 PAYROLL TAX EXPENSE-G&A	3,168	2,380	115	27,529	23,800	(3,729)	28,557	1,028	3.6%
01-07-5215 SECURITY SYSTEM-G&A-OFFICE		583	583	6,794	5,830	(964)	7,000	206	2.9%
01-07-5216 OUTSIDE LABOR-G&A		167	167	0	1,670	1,670	2,000	2,000	100.0%
01-07-5217 ENG./ARCHITECTS FEES-G&A		833	(2,625)	12,735	8,330	(4,405)	10,000	(2,735)	-27.4%
01-07-6122 POWER & FUEL-G&A	300	333	33	3,000	3,330	330	4,000	1,000	25.0%
01-07-6124 INSURANCE-G&A	761	650	(207)	7,866	6,500	(1,366)	7,800	(66)	-0.8%
01-07-6128 TELEPHONE EXPENSE-G&A	1,171	1,333	339	11,608	13,330	1,722	16,000	4,392	27.4%
01-07-6129 OFFICE EQUIP. REPAIRS MAINT.		125	(9)	985	1,250	265	1,500	515	34.3%
01-07-6134 OFF. FURNITURE/FURNISHING-G&A		125	125	2,612	1,250	(1,362)	1,500	(1,112)	-74.1%
01-07-6135 VEHICLE EXP. & REIMBURSEMENT	1,000	1,167	167	9,250	11,670	2,420	14,000	4,750	33.9%
01-07-6351 OFFICE SUPPLIES-G&A	476	667	352	7,739	6,670	(1,069)	8,000	261	3.3%
01-07-6352 FREIGHT-G&A		25	25	0	250	250	300	300	100.0%
01-07-6353 MEDICAL EXP.-G&A		5	5	0	50	50	60	60	100.0%
01-07-6543 POSTAGE-G&A	237	250	(753)	4,316	2,500	(1,816)	3,000	(1,316)	-43.9%

MEMORIAL VILLAGES WATER AUTHORITY
BUDGETED STATEMENT OF REVENUE AND EXPENDITURES
FOR MONTH ENDING FEBRUARY 29, 2024

	MONTH			MONTH			YTD ACTUAL	YTD			ANNUAL BUDGET 2023-2024		
	ACTUAL	BUDGET	VARIANCE	BUDGET	VARIANCE			BUDGET	VARIANCE		TOTAL	REMAINING	%
01-07-6544 PUBLIC NOTICES EXP.		83	83				846	830	(16)		1,000	154	15.4%
01-07-6684 PURCHASE OF EQUIPMENT-G&A		42	42				108	420	312		500	392	78.4%
01-07-8007 HARRIS CO. APPRAISAL DISTRICT	3,507	1,000	1,000				9,705	10,000	295		12,000	2,295	19.1%
01-07-8008 TAX COLLECTION EXP. (SBISD)		2,000	2,000				0	20,000	20,000		24,000	24,000	100.0%
01-07-8148 ACCOUNTING & AUDITING	850	917	(2,823)				24,440	9,170	(15,270)		11,000	(13,440)	-122.2%
01-07-8150 LEGAL & CONTINGENCIES FEES-G&A	15,595	6,250	1,199				88,463	62,500	(25,963)		75,000	(13,463)	-18.0%
01-07-8245 EMPLOYEE RELATED EXPENSE	260	417	(1,514)				4,903	4,170	(733)		5,000	97	1.9%
01-07-8246 EMPLOYEES GROUP INS. PREM. EXP	22,304	29,167	2,752				259,795	291,670	31,875		350,000	90,205	25.8%
01-07-8247 EMPLOYERS CONTRIBUTION PENSION	14,492	9,167	(440)				115,662	91,670	(23,992)		110,000	(5,662)	-5.1%
01-07-8443 BANKING FEES		500	480				835	5,000	4,165		6,000	5,165	86.1%
01-07-8444 DUES, SUBSCRIPTION, SCHOOL-G&A		375	350				7,338	3,750	(3,588)		4,500	(2,838)	-63.1%
01-07-8445 SUPERVISOR COMPENSATION-G&A	2,400	2,500	700				34,282	25,000	(9,282)		30,000	(4,282)	-14.3%
01-07-8449 SUPERVISORS EXPENSES-G&A	266	292	292				2,304	2,920	616		3,500	1,196	34.2%
01-07-8456 REPAIRS/MAINT-435 PINEY PT.		4,167	4,027				20,912	41,670	20,758		50,000	29,088	58.2%
01-07-8458 REPAIRS & MAINT-OFFICE BLDG.	455	1,667	1,212				4,787	16,670	11,883		20,000	15,213	76.1%
01-07-8460 SOFTWARE & DATA EXPENSE	2,250	4,167	1,115				36,427	41,670	5,243		50,000	13,573	27.1%
01-07-8900 MISCELLANEOUS-G&A		50	(450)				1,974	500	(1,474)		600	(1,374)	-228.9%
TOTAL G & A EXPENSES	98,602	102,512	4,324				1,030,323	1,025,120	(5,203)		1,230,112	199,789	16.2%
TOTAL EXPENSES	344,923	766,242	39,606				7,359,620	7,662,423	302,804		9,194,815	1,835,195	20%
REVENUE OVER/(UNDER) EXPENDITURES	489,893	59,342	(241,346)				2,499,533	593,417	(1,906,116)		712,185	(1,787,348)	-251%