

MINUTES OF MEETING OF BOARD OF SUPERVISORS
MARCH 1, 2022

THE STATE OF TEXAS
COUNTY OF HARRIS
MEMORIAL VILLAGES WATER AUTHORITY

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The Board of Supervisors (the "Board") of Memorial Villages Water Authority (the "Authority") met in regular session, open to the public, on March 1, 2022, 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, Assistant Secretary
Unal Baysal, Assistant Secretary
Locke Braly, Supervisor

Persons Attending. All members of the Board were present, except for Supervisors Stubbs and Baysal, thus constituting a quorum. Also attending were Mr. Trey Cantu, General Manager of the Authority; Mr. John Davis and Norman Gutierrez of Langford Engineering, Inc. ("Langford"), Engineers for the Authority; Ms. Kathleen Ellison and Ms. Nadin Fallah of Norton Rose Fulbright US LLP ("NRF"), Attorneys for the Authority; and Mr. Timothy Davis and Ms. Andrea Hermann, residents within 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," the following business was transacted:

1. **Public Comments.** There were no public comments.
2. **Approve minutes of the February 1, 2022 regular meeting.** Proposed minutes of the February 1, 2022 meeting, previously distributed to the Board, were submitted for consideration and approval. Upon motion by Supervisor Wilson, seconded by Supervisor Ewing, after full discussion and the question being put to the Board, the Board voted unanimously to approve the minutes of the February 1, 2022 regular meeting, as revised.
3. **Status report on Gaylord Water Plant project, consideration of Pay Estimate #9 and Change Order #2, requested improvements in the area, and take any necessary action.** Mr. J. Davis discussed with the Board the Gaylord Water Plant project stating that it is currently 85.02% complete and that work is ongoing.

Mr. J. Davis presented to the Board Change Order No. 2 in the amount of \$41,696.79 for extra conduit to serve the well. He stated that the contractor requested a 10 calendar day extension for completion of the project, and noted that the expected completion date is now

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April 17, 2022. He recommended approval of the change order. Upon motion by Supervisor Roa, seconded by Supervisor Wilson, after full discussion and the question being put to the Board, the Board voted unanimously to approve Change Order No. 2 in the amount of \$41,696.79 for the Gaylord Water Plant project, and to approve a 10 calendar day extension for the project.

Mr. J. Davis then presented to the Board Pay Estimate No. 9 in the amount of \$491,172.11 to Wharton-Smith, Inc., a copy of which is attached hereto as Exhibit "B". He recommended approval of Pay Estimate No. 9 and noted that the Authority is holding back 10% retainage. Upon motion by Supervisor Wilson, seconded by Supervisor Roa, after full discussion and the question being put to the Board, the Board voted unanimously to approve Pay Estimate No. 9 in the amount of \$491,172.11 to Wharton-Smith, Inc.

Mr. Cantu reported that there are no updates on the water plant fencing.

4. Executive Session under Section 551.071 for private consultation with attorney.

Ms. Ellison asked the Board to go into executive session concerning the previous item on the agenda. Upon motion by Supervisor Wilson, seconded by Supervisor Braly, after full discussion and the question being put to the Board, the Board voted unanimously at 7:08 p.m. to enter into executive session pursuant to Section 551.071, Texas Gov't Code, for private consultation with its attorney on a matter in which the duty of the attorney to the Board under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas requires confidentiality. Mr. T. Davis and Ms. Hermann left the meeting at this time, leaving the following persons in attendance: Mr. Cantu, Mr. J. Davis, Mr. Gutierrez, Ms. Ellison, and Ms. Fallah. Upon motion by Supervisor Roa, seconded by Supervisor Wilson, after full discussion and the question being put to the Board, the Board voted unanimously to reconvene in public session at 7:54 p.m. No action was taken in executive session. Mr. Cantu reported that no persons were waiting to enter the meeting.

5. Status update regarding Well No. 6 Emergency Repairs. Mr. J. Davis stated that there are no pay estimates to be presented. He reported that the column assembly and pump installation were completed on March 1, 2022. Upon inquiry by Supervisor Schenk, Mr. J. Davis stated that Well No. 6 will return online once all work on the tank is complete.

6. Authorize Acceptance of Texas Water Development Board 2021 Water Use Survey. Mr. Cantu presented to and reviewed with the Board the Texas Water Development Board 2021 Water Use Survey, a copy of which is attached hereto as Exhibit "C." Mr. Cantu reviewed the Authority's groundwater and surface water usage over the calendar year. He noted that 2021 was a wet year and that, accordingly, water usage was lower in 2021 than past years. Mr. Cantu reported that the 2021 Water Use Survey was filed with the Texas Water Development Board on February 17, 2022.

Supervisor Schenk inquired about the designation of properties as institutional or commercial. Mr. Cantu stated that institutional properties include churches and schools. He stated that commercial properties include other industrial and commercial companies in the Authority. Discussion ensued regarding the active commercial properties in the Authority. Director Schenk inquired about the total unmetered connections listed on the 2021 Water Use Survey. Mr. Cantu stated that the unmetered connections correspond to fire hydrants located in the Authority.

7. 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 Discharge Monitoring Report, a copy of which is attached hereto as Exhibit "D." Mr. Cantu stated that Gorman Cleaners was absorbed by Cintas Corporation. Discussion ensued regarding any fine assessed against the Authority due to discharges by Gorman Cleaners. Supervisor Roa suggested that a letter be sent to Cintas Corporation to inform them that they will be responsible for any fine assessed against the Authority due to Gorman Cleaners' discharges.

Mr. Cantu presented the Wastewater Treatment Facility Monthly Operating Report, a copy of which is attached hereto as Exhibit "E." 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 Funds Balance – Investment Report, a copy of which is attached hereto as Exhibit "F." He reported that there was no unusual activity on the report and that the Authority's tax collections are in line with projections.

Mr. Cantu stated that he had discussed with Ms. Ellison the possibility of authorizing the General Manager to process general routine payments, such as the Authority's Comcast payments and other EFT payments. It was the consensus of the Board to consider a proposed resolution to such effect at the April meeting.

Mr. J. Davis and Mr. Gutierrez left the meeting at this time.

Upon motion by Supervisor Roa, seconded by Supervisor Wilson, after full discussion and the question being put to the Board, the Board voted unanimously to approve the Manager's Report.

7. Authorize payment of bills. Supervisor Braly noted that the check register does not identify the full list of checks signed by the Board at each meeting. Discussion ensued regarding the check register. Supervisor Roa suggested that one Board member be responsible for attesting to the check register each month, to ensure there are no irregularities. Supervisor Braly requested that invoices also be made available for Board review. Discussion ensued. It was the consensus of the Board to direct staff to include both the monthly check register and the check register for checks being signed at the meeting in the document packet for each meeting.

Supervisor Braly inquired about the check made out to LCRA Environmental Laboratory Services. Mr. Cantu stated that the check is for laboratory expenses related to the TCEQ's annual state testing requirements.

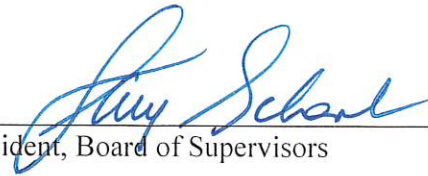
Supervisor Roa inquired about the credits issued to customers for overbillings. Mr. Cantu reviewed the possible reasons customers are overbilled and the Authority's responsibilities related to customer overbilling. Extensive discussion ensued.

Upon motion by Supervisor Roa, seconded by Supervisor Braly, 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 "G."

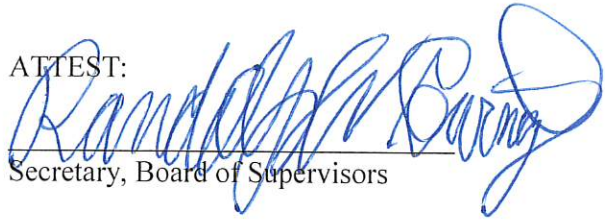
THERE BEING NO FURTHER BUSINESS TO COME BEFORE THE BOARD, the meeting was adjourned.

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The above and foregoing minutes were passed and approved by the Board of Supervisors on April 5, 2022.



President, Board of Supervisors

ATTEST:


Secretary, Board of Supervisors

(AUTHORITY SEAL)

NORTON ROSE FULBRIGHT

CERTIFICATE OF POSTING

THE STATE OF TEXAS
COUNTY OF HARRIS
MEMORIAL VILLAGES WATER AUTHORITY

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I hereby certify that on FEBRUARY 25, 2022 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 25 day of FEBRUARY, 2022.

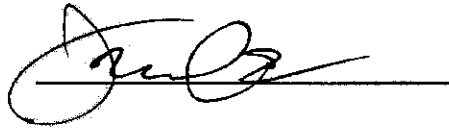


EXHIBIT A

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, March 1, 2022**. At such meeting, the Board will consider the following:

1. Public Comments;
2. Approve minutes of the February 1, 2022 regular meeting;
3. Status report on Gaylord Water Plant project, consideration of Pay Estimate #9 and Change Order #2, requested improvements in the area, and any necessary action;
4. Status update regarding Well No. 6 Emergency Repairs and take any necessary action;
5. Authorize Acceptance of Texas Water Development Board 2021 Water Use Survey;
6. 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
7. Authorize payment of bills.

Norton Rose Fulbright US LLP, attorneys for Authority

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.

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.

EXHIBIT B

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

MONTHLY ESTIMATE NO. 9
LEI Job No. 032-117 Contract No. 2

Memorial Villages Water Authority

Gaylord Water Plant Improvements

25-Jan-22

Thru

25-Feb-22

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

Contractor: Wharton-Smith, Inc.
750 Monroe Rd.
Sanford, FL 32771

Contract Time:	360 Calendar Days	Extensions:	0 Calendar Days
Total Time:	360 Calendar Days	Time Used:	319 Calendar Days
Contract Dated:	2-Apr-21		
Work Order Dated:	12-Apr-2021		
Completion Date:	7-Apr-2022	(Scheduled) (Actual)	
Percent Time Used:	88.61%		
Percent Complete:	85.02%		
Current Contract:	\$3,684,839.29		

Item No.	Description	Bid Qty	Unit Meas.	Work Prior Period	Work This Period	Qty To Date	Unit Price	Total Amount
Base Bid								
1.	Mobilization of Equipment, Materials and Personnel on Site, Equipment Storage, Including Installation of Construction/Safety Fencing, as per Plans and Specifications, Not to Exceed 5% of Base Bid Items	1	L.S.	1.00	0	1.00	\$ 150,000.00	\$150,000.00
2.	Demolition of Proper Disposal (in Compliance with all Applicable State and Local Laws) of Booster Pump Station, Including Clear Well Basin and Backfill, Five (5) Vertical Turbine Pumps and Motors, Header Piping, and Appurtenances, as per Plans and Specifications, Complete in Place							
2.1	Demo Booster Pumps, Motors, and Header Piping	1	L.S.	1.00	0	1.00	\$ 19,000.00	\$19,000.00
2.2	Demo Clearwell and Walls to 24" Below Bottom of Pavement	1	L.S.	1.00	0	1.00	\$ 13,000.00	\$13,000.00
2.3	Flow Fill Clearwell	1	L.S.	1.00	0	1.00	\$ 3,000.00	\$3,000.00
3.	Demolition and Proper Disposal (in Compliance with all Applicable State and Local Laws) of 60' Diameter x 24' High Existing Steel Welded Ground Storage Tank and Associated Concrete Ringwall Foundation, Piping, and Appurtenances, as per Plans and Specifications, Complete in Place							
3.1	Tank 1 Demo							
3.1.1	Demo GST Dome and Wall Panels	1	L.S.	1.00	0	1.00	\$ 30,000.00	\$30,000.00
3.1.2	Demo Ringwall Foundation	1	L.S.	1.00	0	1.00	\$ 22,000.00	\$22,000.00
3.1.3	Demo Associated Above Ground Piping	1	L.S.	1.00	0	1.00	\$ 8,000.00	\$8,000.00
3.2	Tank 2 Demo							
3.2.1	Demo GST Dome and Wall Panels	1	L.S.	1.00	0	1.00	\$ 30,000.00	\$30,000.00
3.2.2	Demo Ringwall Foundation	1	L.S.	1.00	0	1.00	\$ 22,000.00	\$22,000.00
3.2.3	Demo Associated Above Ground Piping	1	L.S.	1.00	0	1.00	\$ 8,000.00	\$8,000.00
4.	Demolition and Proper Disposal (in Compliance with all Applicable State and Local Laws) of Site Water Line Piping, Including Excavation, Backfill, and Staging, Above Ground and Buried, as per Plans and Specifications, Complete in Place							
4.1	Demo 4" Water Line	1	L.S.	1.00	0	1.00	\$ 3,000.00	\$3,000.00
4.2	Demo 8" Water Line	1	L.S.	1.00	0	1.00	\$ 7,000.00	\$7,000.00
4.3	Demo 12" Water Line	1	L.S.	1.00	0	1.00	\$ 5,000.00	\$5,000.00
4.4	Demo 16" Water Line	1	L.S.	1.00	0	1.00	\$ 7,000.00	\$7,000.00

4.5	Demo 18" Water Line	1	L.S.	0.00	1	1.00 \$	3,000.00	\$3,000.00
5.	Demolition and Proper Disposal (in Compliance with all Applicable State and Local Laws) of Existing Storm Sewer System, Including Inlets and Piping, as per Plans and Specifications, Complete in Place							
5.1	Demo Storm Inlet & Pipe Between GST 1 & 2	1	L.S.	0	0	0 \$	2,000.00	\$0.00
5.2	Demo Storm Inlet & Pipe S of GST 2	1	L.S.	0	0	0 \$	1,000.00	\$0.00
5.3	Demo Inlet at BPS	1	L.S.	1	0	1 \$	1,000.00	\$1,000.00
5.4	Demo Inlet at Office	1	L.S.	0	0	0 \$	1,000.00	\$0.00
6.	Demolition and Proper Disposal (in Compliance with all Applicable State and Local Laws) of Concrete Pavement, Including Saw Cutting, 6" Curb and Sidewalks, as per Plans and Specifications, Complete in Place	930	S.Y.	850	0	850 \$	15.00	\$12,750.00
7.	Furnish and Install Booster Pump Station, Including Reinforced Concrete Foundation and Supports, Five (5) Horizontal Split Case Pumps and Motors, Suction and Discharge Header Piping, Fittings, Valves,							
7.1	Submittals	1	L.S.	1.00	0.00	1.00 \$	5,000.00	\$5,000.00
7.2	Subgrade Prep	1	L.S.	1.00	0.00	1.00 \$	35,000.00	\$35,000.00
7.3	Form and Pour Slab	1	L.S.	1.00	0.00	1.00 \$	90,000.00	\$90,000.00
7.4	Form and Pour Pump Pads	1	L.S.	1.00	0.00	1.00 \$	25,000.00	\$25,000.00
7.5	Install Flange Piping and Valves	1	L.S.	0.50	0.40	0.90 \$	120,000.00	\$108,000.00
7.6	Install Pumps	5	Ea.	5.00	0.00	5.00 \$	25,000.00	\$125,000.00
8.	Remove Existing Chlorine Analyzer Electrical Conduit, Replace Conduit as Required, and Install Dual Exterior Receptacle Adjacent to City of Houston Supply Line, Including Associated Electrical, Complete in Place	1	L.S.	0.00	0.00	0.00 \$	5,000.00	\$0.00
9.	Furnish and Install Storm Drainage System Including Inlets, Piping of Type and Size Shown and Connection to Existing Storm System as per Plans and Specifications, Complete in Place							
9.1	Install Storm Inlets	8	Ea.	1.00	0.00	1.00 \$	3,000.00	\$3,000.00
9.2	Install 8" PVC Storm Sewer	1	L.S.	0.00	0.00	0.00 \$	2,000.00	\$0.00
9.3	Install 18" PVC Sewer	1	L.S.	0.00	0.00	0.00 \$	4,000.00	\$0.00

10. All Work and Materials Associated with the Installation of all Waterline Yard Piping, Including Excavation, Bedding and Backfill, Valves, Valve Boxes and Covers, Fittings, and Appurtenances, Tie-In to Existing and Proposed Waterlines, Meter Vaults, and Ground Storage Tanks, Disinfection and Testing for a Fully Functioning System, as per Plans and Specifications, Complete in Place

10.1	Install 3/4" Service Line	1	L.S.	0.00	0.00	0.00	\$	10,000.00	\$0.00
10.2	Install 4" Water Line	1	L.S.	1.00	0.00	1.00	\$	20,000.00	\$20,000.00
10.3	Install 12" Fill Line	1	L.S.	1.00	0.00	1.00	\$	60,000.00	\$60,000.00
10.4	Install 12" Equalization Line	1	L.S.	0.00	0.90	0.90	\$	15,000.00	\$13,500.00
10.5	Install 12" Discharge Line to S. Meter Vault	1	L.S.	0.75	0.20	0.95	\$	110,000.00	\$104,500.00
10.6	Install 12" Discharge N. of the BPS	1	L.S.	0.20	0.75	0.95	\$	60,000.00	\$57,000.00
10.7	Install 16" Fill Line	1	L.S.	0.50	0.00	0.50	\$	45,000.00	\$22,500.00
10.8	Install 18" Suction Line @ GST	1	L.S.	0.00	0.00	0.00	\$	40,000.00	\$0.00
10.9	Install 18" Suction Line @ BPS	1	L.S.	0.10	0.80	0.90	\$	40,000.00	\$36,000.00
11.	12" Ductile Iron Pipe, (ANSI/AWWA C151/A21.51), Class 51, Waterline, Directional Bore Construction, All Depths, Including Fittings, as per Plans and Specifications, Complete in Place	75	L.F.	75.00	0.00	75.00	\$	260.00	\$19,500.00
12.	Removal and Replacement of 6" Fire Hydrant Assembly (AWWA C-502), Including 12" x 6" Tee, 6" Gate Valve and Valve Box), 5-Foot Bury, Complete in Place	1	L.S.	1.00	0.00	1.00	\$	6,000.00	\$6,000.00
13.	Wet Connection, Including but not Limited to Removing Existing Fittings, Cutting Existing Pipe, Transition Fittings, Thrust Blocking, and Restraining Rods, All Sizes and Pipe Materials, as per Plans and Specifications, Complete in Place	6	Ea.	0	0	0	\$	650.00	\$0.00
14.	Temporary Electrical System - Provide and Install all Electrical Work, Including Service Equipment, Temporary Generator, Conduit, Conductors to Serve MVWA Office Building, Garage/Shop, Carport, and Fence Lighting, Including Removal Upon Project Completion, as per Plans and Specifications	1	L.S.	1	0	1	\$	40,000.00	\$40,000.00
15.	Temporary Electrical Service Allowance by Local Utility Provider for Installation of Service Drop. Owner Shall Pay Exact Amount Once Provided with Actual Ticket Invoice Documentation, Complete in Place	1	L.S.	0	0	0	\$	5,000.00	\$0.00

16.	Permanent Electrical System - Provide and Install all Electrical Work, including Service Equipment, Demolition and Removal of Existing Motor Control Center, Installation of New Motor Control Center, Modify Autosensory Controls for Existing Water Well, and Proposed Booster Pump Station, Lighting, and Conductors, as per Plans and Specifications, Complete in Place						
16.1	Electrical Submittal	1	L.S.	1	0	1 \$	20,000.00 \$20,000.00
16.2	Demo	1	L.S.	1	0	1 \$	90,000.00 \$90,000.00
16.3	Duct Bank Install	1	L.S.	1	0	1 \$	110,000.00 \$110,000.00
16.4	MCC Install	1	L.S.	1	0	1 \$	100,000.00 \$100,000.00
16.5	Autosensory Modifications	1	L.S.	0	0.5	1 \$	30,000.00 \$15,000.00
16.6	BPS Electrical Rough In	1	L.S.	1	0	1 \$	80,000.00 \$80,000.00
16.7	BPS Switches Install	1	L.S.	1	0	1 \$	20,000.00 \$20,000.00
16.8	BPS Cabling & Termination	1	L.S.	1	0	1 \$	40,000.00 \$40,000.00
16.9	MCC Building Cabling & Termination	1	L.S.	0.60	0.05	0.65 \$	50,000.00 \$32,500.00
16.1	Lighting & Receptacles Install (MCC Building)	1	L.S.	1	0	1.00 \$	5,000.00 \$5,000.00
16.11	Grounding Loop Install	1	L.S.	0	1	1 \$	5,000.00 \$5,000.00
17.	Permanent Electrical System Allowance by Local Utility Provider for Installation of Service Drop. Owner shall pay Exact Amount Once Provided with Actual Ticket Invoice Documentation, Complete in Place						
		1	L.S.	0	0	0 \$	7,000.00 \$0.00
18.	All Work and Materials for the Demolition and Repair of MCC Building Interior Floor Slab Required for Installation of Electrical Conduits for Service to MCC, Including Excavation and Backfill as per Plans and Specifications, Complete in Place						
18.1	Sawcut/Remove Slab	1	L.S.	1	0	1 \$	13,000.00 \$13,000.00
18.2	Excavation	1	L.S.	1	0	1 \$	6,000.00 \$6,000.00
18.3	Backfill	1	L.S.	1	0	1 \$	4,000.00 \$4,000.00
18.4	Form and Pour New MCC Slab	1	L.S.	1	0	1 \$	3,000.00 \$3,000.00
19.	Construction of MCC Building Interior Partition Wall, with FRP Pocket Sliding Door, Interior Ceiling, Drywall Installation, Window Replacement, and Painting of Building Interior and Exterior, as per Plans and Specifications (This Item Does not Include Work Described in Bid Item No. 16), Complete in Place						
19.1	Window Replacement	1	L.S.	1	0	1 \$	10,000.00 \$10,000.00
19.2	Install Partition Wall/Sliding Door/Drywall	1	L.S.	0.75	0	0.75 \$	15,000.00 \$11,250.00

19.3	Interior Ceiling Improvements	1 L.S.	1	0	1 \$	6,000.00	\$6,000.00
19.4	Clean/Surface Prep/Coat (Interior and Exterior)	1 L.S.	1	0	1.00 \$	4,000.00	\$4,000.00
20.	8" Thick Reinforced Concrete Pavement, Including all Construction and Expansion Joints and Joint Sealants, as per Plans and Specifications, Complete in Place	825 S.Y.	14.25	0	14.25 \$	92.00	\$1,311.00
21.	Cement-Stabilized Sand Subgrade Material for Concrete Pavement as per Plans and Specifications, Complete in Place	140 C.Y.	0	0	0 \$	32.00	\$0.00
22.	Preparation, Manipulation, and Compaction of 6" Thick Cement-Stabilized Sand Subgrade Under Pavement, Including Excavation and Grading as per Plans and Specifications, Complete in Place	825 S.Y.	14.25	0	14.25 \$	14.00	\$199.50
23.	All Work and Materials Associated with Construction of 5" Thick Reinforced Concrete Sidewalks and Joints Including Stabilized Subgrade and Sidewalk Ramps, as per Plans and Specifications, Complete in Place	65 S.Y.	41.50	0	41.50 \$	85.00	\$3,527.50
24.	All Work and Materials Associated with Construction of 6" Reinforced Concrete Curb, as per Plans and Specifications, Complete in Place	165 L.F.	4	0	4 \$	30.00	\$120.00
25.	Replace Existing Surface Water 12" ACV with New Watts Dual Solenoid Flow Control Valve & Tie-In to Existing SCADA System at City of Houston Surface Water Meter Run, Including Electrical & Programming Additions and/or Modifications, as per Plans and Specifications, Complete in Place	1 L.S.	0.75	0	0.75 \$	18,000.00	\$13,500.00
26.	All Work and Materials Associated with Abrasive Blasting and Coating of Existing Water Well No. 1, Including Well Head and Well Header Piping Final Color Shall be Forest Green as Approved by Engineer, as per Plans and Specifications, Complete in Place	1 L.S.	0	0	0 \$	2,500.00	\$0.00
27.	All Work and Materials Associated with Abrasive Blasting and Coating of Existing Water Meter Run, Including Valves and Appurtenances. Final Color shall be Forest Green, as Approved by Engineer, as per Plans and Specifications, Complete in Place	1 L.S.	0	0.15	0 \$	2,500.00	\$375.00
28.	Concrete Meter Vault, Including Tie-In to Proposed Yard Piping Appropriately Sized Aluminum Pedestrian Rated Lid, 10" MVWA Venturi Flow Meter, and Associated Pressure Sensor Lines as per Plans and Specifications						

28.1	Install S 12" Meter Vault	1 Ea.	0	0.80	0.80 \$	32,000.00	\$25,600.00
28.2	Install N 12" Meter Vault	1 Ea.	0	0.90	0.90 \$	32,000.00	\$28,800.00
29.	Furnish and Install Reinforced Concrete Meter Vault, Including Tie-in to Proposed Yard Piping Appropriately Sized Traffic Rated (H-20) Lid, 16" MVWA Electronic Flow Meter on 16" Surface Waterline and Electronic Transmitter Around 5' Above Ground with Aluminum Sun Shield and Associated Electrical, as per Plans and Specifications, Complete in Place						
29.1	Install 16" Meter Vault	1 Ea.	0	0	0 \$	45,000.00	\$0.00
30.	Furnish and Install Eclipse Model 88WC Sampling Station, as per Plans and Specifications, Complete in Place	1 L.S.	0	0	0 \$	1,000.00	\$0.00
31.	Trench Safety System for all Pipe, Sizes, all Depths, All Soil Types, Complete in Place	560 L.F.	400	0	400 \$	10.00	\$4,000.00
32.	Furnish and Install 6" Removable Steel or Concrete Filled Pipe Bollards with Barco Products Sliding Flat-Top Reflective Post Sleeves (Yellow with Red Reflective Stripes) as Approved by Engineer, as per Plans and Specifications, Complete in Place	10 Ea.	0	0	0 \$	500.00	\$0.00
33.	All Work and Materials for Parking Site Striping, Including ADA Compliant Striping, as per Plans & Specifications, Complete in Place	1 L.S.	0	0	0 \$	1,000.00	\$0.00
34.	Installation, Maintenance, and Removal of Erosion Control Structures, as per Plans and Specifications, Complete in Place	1 L.S.	1	0	1 \$	300.00	\$300.00
35.	Cut, Plug, and Abandon Existing Waterlines, All Sizes, All Depths, as per Plans and Specifications, Complete in Place	3 Ea.	0	0	0 \$	3,000.00	\$0.00
36.	All Work and Materials Associated in the Abandonment of Existing Gate Valves and Boxes, Including Closing of Existing Gate Valve, Removal of Existing "Type A" Box, Appropriate Backfilling Block Sod, or 2" Concrete Cap (Dependent on Valve Location), as per Plans and Specifications, Complete in Place	6 Ea.	0	3	3 \$	600.00	\$1,800.00

37.	All Work and Materials Associated with Removal of Existing Chain Link Fence and Replacing with Proposed 8" Site Western Red Cedar Fencing, with Cap, Trim, and Steel Posts, One Sided Pickets, Including Concrete Supports and Painting with Color Approved by Owner, as per Plans and Specifications, Complete in Place	440 L.F.	0	0	0 \$	180.00	\$0.00
38.	All Work and Materials Associated with Removal of Existing Chain Link Fence and Replacing with Proposed 8" Polyurethane Painted Black Iron Rod Fencing with Metal Lath Screening (Expanded Metal), Including Concrete Supports, as Approved by Owner, Complete in Place	35 L.F.	0	0	0 \$	200.00	\$0.00
Alt. B	Furnish Material and Labor to Install New Forest Green 62' Diameter x 24' Height, 530,000 Gallon Glass-Fused-to-Steel Bolted Ground Storage Tank with Painted Low Profile Roof, as Manufactured by Permastore, not to Exceed 6' in Height from Top of Tank Wall to Top of Dome, (Paint Color Shall Match Tank), Forest Green Aluminum Roof Guard Rail, Non-Slip Tape, Tank Shell Access, Manways, Interior Floor Drains and Associated 8" Gate Valve, (NRS), (IBBM), and Gate Valve and Cover, Including 8" Pipe Connections to Inlet, Exterior Ladder, and Fiberglass Interior Ladder System, NSF 61 Cert. Interior Floor Coating, COH Fill Line, Well Fill Lines, Equalization Line, 18" Suction Flow Line, Overflow Line and Tie-In to Existing 18" Suction Line as Shown on Plans, Including Valves, Fittings, Supports, Sample Port, Pressure Sensor Line, and Level Gauge, Concrete Reinforced Foundation (4,000 PSI min.), Including Design per Soil Reports (Texas P.E.), and Tank Disinfection, per AWWA and Start-Up, Full MWWA Approval, as per Plans and Specifications, Design for Future Height Adjustment from 24' to 33' Wall Height, Complete in Place						
B.1	Approved Tank Submittals	1 L.S.	1	0	1 \$	75,000.00	\$75,000.00
B.2	Tank 1						
B.2.1.	Subgrade Prep	1 L.S.	1	0	1.00 \$	30,000.00	\$30,000.00
B.2.2.	Install In and Under Piping	1 L.S.	1	0	1.00 \$	25,000.00	\$25,000.00
B.2.3.	Form and Pour Ringwall	1 L.S.	1	0	1.00 \$	100,000.00	\$100,000.00
B.2.4.	Backfill	1 L.S.	1	0	1.00 \$	50,000.00	\$50,000.00
B.2.5.	Form and Pour Tank Slab	1 L.S.	1	0	1.00 \$	100,000.00	\$100,000.00
B.2.6.	Install Wall Panels	1 L.S.	0.95	0.05	1.00 \$	172,500.00	\$172,500.00
B.2.7.	Install Dome	1 L.S.	0.90	0.10	1.00 \$	125,000.00	\$125,000.00
B.2.8.	Tank Piping Connection (Fill Suction EQ)	1 L.S.	0.10	0.10	0.20 \$	20,000.00	\$4,000.00

B.2.9.	Floor Coating	1	L.S.	0	0	0.00	\$	10,000.00	\$0.00
B.2.10.	Disinfection	1	L.S.	0	0	0.00	\$	5,000.00	\$0.00
B.3.	Tank 2								
B.3.1.	Subgrade Prep	1	L.S.	1	0	1.00	\$	30,000.00	\$30,000.00
B.3.2.	Install In and Under Piping	1	L.S.	1	0	1.00	\$	25,000.00	\$25,000.00
B.3.3.	Form and Pour Ringwall	1	L.S.	1	0	1.00	\$	100,000.00	\$100,000.00
B.3.4.	Backfill	1	L.S.	1	0	1.00	\$	50,000.00	\$50,000.00
B.3.5.	Form and Pour Tank Slab	1	L.S.	1	0	1.00	\$	100,000.00	\$100,000.00
B.3.6.	Install Wall Panels	1	L.S.	0.20	0.80	1.00	\$	172,500.00	\$172,500.00
B.3.7.	Install Dome	1	L.S.	0.25	0.75	1.00	\$	125,000.00	\$125,000.00
B.3.8.	Tank Piping Connection (Fill, Suction, EQ)	1	L.S.	0.00	0.33	0.33	\$	20,000.00	\$6,600.00
B.3.9.	Floor Coating	1	L.S.	0.00	0.00	0.00	\$	10,000.00	\$0.00
B.3.10.	Disinfection	1	L.S.	0.00	0.00	0.00	\$	5,000.00	\$0.00
Supplemental Items									
a.	Extra Concrete as Approved by Engineer, Complete in Place	50	C.Y.	0	0	0	\$	300.00	\$0.00
b.	Extra Bank-Sand Bedding and/or Backfill, as Approved by Engineer, Complete in Place	50	C.Y.	0	0	0	\$	25.00	\$0.00
c.	Extra Aggregate Bedding as Approved by the Engineer, Complete in Place	100	C.Y.	0	0	0	\$	40.00	\$0.00
d.	Extra Cement-Stabilized Sand Backfill as Approved by Engineer, Complete in Place	100	C.Y.	0	0	0	\$	40.00	\$0.00
e.	Extra Reinforced Steel or Extra Welded Wire Fabric, as Approved by Engineer, Complete in Place	500	Lb.	0	0	0	\$	1.00	\$0.00
f.	Additional Underground 1" Electrical Conduit Without Conductors, as Necessary, as Approved by Engineer, Complete in Place	200	L.F.	1270	0	1,270	\$	20.00	\$25,400.00
g.	Additional Select Fill for the Use of GST Subgrade, as Necessary, as Approved by Engineer, Complete in Place	100	C.Y.	0	0	0	\$	25.00	\$0.00
h.	Removal of Existing Expansion Joints, and Application of Joint Sealants as Approved by Owner, Complete in Place	2,000	L.F.	0	0	0	\$	8.00	\$0.00
i.	Furnish and Install Additional 12" Resilient Seat Gate Valve (AWWA C-509), NSF61, IBBM, NRS, Counter-Clockwise Open (M.J.), with Valve Box, as Approved by Engineer, Complete in Place	2	Ea.	0	0	0	\$	2,500.00	\$0.00

j.	Remove 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	50 L.F.	0	0	0 \$	225.00	\$0.00
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Change Order No. 1

39.	All Work and Materials Associated with Cutting and Removing Approximately 25 L.F. of 12" Asbestos Cement Pipe, Including Proper Disposal (In Compliance with all Applicable State and Local Laws) and Mobilization/Demobilization of Subcontractor, as Described on the Attached Proposal Produced by R & M Solutions, Complete in Place	1 L.S.	1	0	1 \$	7,187.50	\$7,187.50
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Change Order No. 2

40	All Work, Materials and Labor Necessary for The Furnishing and Installation of 4" and Extra 1" Conduit And Conductors Leading Towards The Existing Water Well No. 1, Including Saw-Cutting, Removal and Replacement of Existing 8" Reinforced Concrete, and Necessary Number of Road Plates, Including installation of two (2) extra 1" conduit to Tanks for Future CCTV. Complete in Place.	1 L.S.	0	1	1 \$	41,696.79	\$41,696.79
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Summary of Work to Date

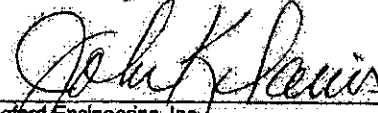
Work Performed to Date	\$3,132,917.29
Less 10% Retainage	\$313,291.73
Net Amount Earned to Date	\$2,819,625.56
Add: Materials Stored at Close of Period	\$0.00
Less 10% Retained on Hand	\$0.00
Subtotal Work Completed and Materials Stored	\$2,819,625.56
Less Previous Payments	\$2,328,453.45
AMOUNT DUE THIS ESTIMATE	\$491,172.11

Summary of Adjusted Contract

Original Contract Amount	\$3,635,955.00
Change Order No. 1	\$7,187.50
Change Order No. 2	\$41,896.79
CURRENT CONTRACT AMOUNT	\$3,684,839.29

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

Recommended for Payment:

By: 
Langford Engineering, Inc.
Print Name: John K. Davis, P.E.

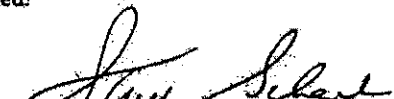
Date: 2-28-2022

Accepted:

By: 
Wharton-Smith, Inc.
Print Name: Tyler O'Brien

Date: 2/25/22

Approved:

By: 
Memorial Villages Water Authority
Print Name: GARY SCHENK

Date: 3-1-22

Distribution: Memorial Villages Water Authority (1)
Norton Rose Fulbright US, LLP (1)
Wharton-Smith, Inc. (1)
Langford Engineering, Inc. (2)

CONTRACTOR'S AFFIDAVIT OF BILLS PAID

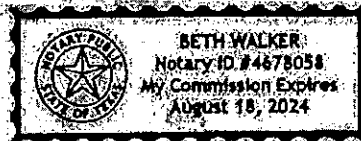
OWNER: Memorial Villages Water Authority
PROJECT: Gaylord Water Plant Improvements
CONTRACTOR: Wharton-Smith, Inc.

I certify that all just and lawful bills against the above-named Contractor for labor, material, and expendable equipment employed in the performance of said Project have been paid in full prior to acceptance of this partial payment of the Owner to comply with the Contract requirements. This is to certify that I am relieving Memorial Villages Water Authority of liability and claims occurring in connection with this Project through February 25, 2022 (the date of Pay Estimate No. 9).

Wharton-Smith, Inc.

Tyler D'Brien, Asst. Project Manager

Subscribed and sworn to before me, the undersigned authority on this the 25th day of February, 2022.



Notary Public, State of Texas

WAIVER AND LIEN RELEASE

STATE OF TEXAS
COUNTY OF FORT BEND

The undersigned has contracted with Memorial Villages Water Authority to furnish labor and/or materials in connection with certain improvements to real property known as Gaylord Water Plant Improvements.

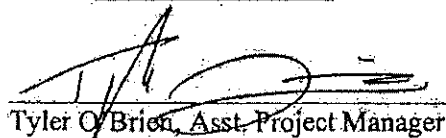
CONTRACTOR: Wharton-Smith, Inc.

This Payment:	\$ <u>491,172.11</u>
Total Paid to Date Including This Payment:	\$ <u>2,819,625.56</u>
For Work Performed Through:	<u>February 25, 2022</u>
Pay Estimate No.	<u>9</u>

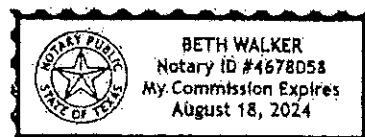
Upon receipt of this payment and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned does hereby waive and release any mechanic's lien or material man's lien or claims of lien, including any constitutional lien or claim thereto, that the undersigned has or hereafter has on the above mentioned real property and/or improvements thereon on account of any work furnished or to be furnished by the undersigned whether pursuant to the above mention contract or otherwise.

The undersigned further certifies and warrants that there are no known mechanic's or material man's liens outstanding as of the date hereof, that all bills incurred by it with respect to the work will be paid within 10 days of the receipt of the above amount or sooner, and that there is no known basis for filing any mechanic's or material man's lien on the property and/or improvements above described by any person or entity performing work on behalf of the undersigned, and to the extent permitted by law, the undersigned does hereby waive and release any mechanic's or material man's lien or claim of lien of any such person or entity, and further agrees to indemnify and hold the owner harmless from any said lien or claim including the payment of related costs, expenses, or reasonable attorney's fees.

Wharton-Smith, Inc.


Tyler O'Brien, Asst. Project Manager

Subscribed and sworn to before me, the undersigned authority on this the 25th day of February, 2022



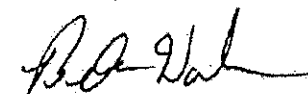

Notary Public for the State of Texas

EXHIBIT C

TEXAS WATER DEVELOPMENT BOARD

WATER USE SURVEY

WATER USE IN CALENDAR YEAR: 2021

SYSTEM NAME: MEMORIAL VILLAGES WATER AUTHORITY

OPERATOR NAME:

MULTIPLE SURVEY ORG:

MAILING ADDRESS 1:

MAILING ADDRESS 2:

CITY/STATE/ZIP:

PWS NAME:

HOUSTON TX 77024-

MEMORIAL VILLAGES WATER AUTHORITY

SURVEY NUMBER: 0555700
 PRIMARY USED COUNTY: HARRIS
 PRIMARY USED RIVER BASIN: SAN JACINTO
 ORGANIZATION MAIN PHONE: 713-465-8318
 MAIN EMAIL: trey@mvwa.org
 WEB: www.mvwa.org
 PWS CODE: 1010148

INTAKE:

Water Type	County	Basin	Aquifer	Well Quantity (if applicable)	Water Right (Estimated)	Blackish Saline (ppm)	% Treated Prior to Intake	Total Volume (gallons)			
GROUND WATER SELF SUPPLIED	HARRIS	SAN JACINTO	GULF COAST AQUIFER		M	N	0.00	419,064,000			
JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
4,064,000	17,428,000	19,848,000	48,371,000	38,410,000	49,784,000	37,613,000	74,227,000	45,774,000	32,008,000	25,121,000	26,416,000
Water Type	County	Basin	State Name and/or Well System	River or Gulf	Water Right (Estimated) <th>Blackish Saline (ppm)</th> <th>% Treated Prior to Intake</th> <th>Total Volume (gallons)</th>	Blackish Saline (ppm)	% Treated Prior to Intake	Total Volume (gallons)			
SURFACE WATER PURCHASED	HARRIS	SAN JACINTO	CITY OF HOUSTON	GENERAL DISTRIBUTION SYSTEM (HOUSTON) & CWA SYSTEMS	M	N	100.00	734,419,000			
JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
61,284,000	51,281,000	62,087,000	60,580,000	59,912,000	60,060,000	63,452,000	65,916,000	62,286,000	64,169,000	60,969,000	62,423,000

CONNECTIONS & USAGE:

CONNECTIONS	Volume (gallons)
TOTAL METERED RETAIL	3,775
Residential - Single Family	3,157
Residential - Multi Family	492
Institutional	23
Commercial	103
Industrial	0
Agriculture	0
Reuse	0
TOTAL UNMETERED	712
	1,763,000

WATER SYSTEM INFORMATION:

Estimated full-time residential population served directly by this system	9,882
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EXHIBIT D

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

*** NO DISCHARGE

MONITORING PERIOD
 YEAR/MO/DAY
 22/01/01 TO 22/01/31

FROM

LOCATION 11 1/2 FARNHAM PARK
 HOUSTON TX. 77024

Grover S. Grimes, President

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
OXYGEN, DISSOLVED (DO)	*****	*****	****	6.90	*****	*****	0	2 / WEEK	GRAB
EFFLUENT GROSS VALUE	*****	*****	****	*****	*****	*****	0	2 / WEEK	GRAB
PH	*****	*****	****	6.9	*****	7.5	0	2 / WEEK	GRAB
00400 1 0 0	*****	*****	****	*****	*****	*****	0	2 / WEEK	GRAB
EFFLUENT GROSS VALUE	*****	*****	****	*****	*****	*****	0	2 / WEEK	GRAB
SOLIDS, TOTAL	*****	*****	(26)	*****	5.26	8.70	0	2 / WEEK	COMP-6
SUSPENDED	*****	*****	LBS/DAY	*****	*****	*****	0	2 / WEEK	COMP-6
00530 1 0 0	*****	*****	(26)	*****	0.68	1.60	0	2 / WEEK	COMP-6
EFFLUENT GROSS VALUE	*****	*****	LBS/DAY	*****	*****	*****	0	2 / WEEK	COMP-6
NITROGEN, AMMONIA	*****	*****	(26)	*****	*****	*****	0	2 / WEEK	COMP-6
TOTAL (AS N)	*****	*****	LBS/DAY	*****	*****	*****	0	2 / WEEK	COMP-6
EFFLUENT GROSS VALUE	*****	*****	(03)	*****	*****	*****	0	CONT	METER TOTAL
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	*****	3.784	MGD	*****	*****	*****	0	CONT	METER TOTAL
50050 1 0 0	*****	*****	MGD	*****	*****	*****	0	CONT	METER TOTAL
EFFLUENT GROSS VALUE	*****	*****	(78)	*****	*****	*****	0	CONT	METER TOTAL
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	*****	5.311	GPM	*****	*****	*****	0	CONT	METER TOTAL
50050 P 0 0	*****	*****	(03)	*****	*****	*****	0	CONT	METER TOTAL
See Comments Below	*****	*****	MGD	*****	*****	*****	0	CONT	METER TOTAL
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	*****	*****	(03)	*****	*****	*****	0	CONT	METER TOTAL
50050 P 0 0	*****	*****	MGD	*****	*****	*****	0	CONT	METER TOTAL
EFFLUENT GROSS VALUE	*****	*****	MGD	*****	*****	*****	0	CONT	METER TOTAL

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	011 A
PERMIT NUMBER	DISCHARGE NUMBER

YEAR/MO/DAY	YEAR/MO/DAY
22/01/01	22/01/31

F - FINAL
MAJOR

NO DISCHARGE

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

Grover S. Grimes, President

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	SAMPLE MEASUREMENT	*****		*****	*****	0.09	0	8/PER DAY	GRAB
	MEASUREMENT		****						GRAB
CHLORINE, TOTAL RESIDUAL 50060 P 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****		*****	*****		0	8/PER DAY	GRAB
	MEASUREMENT		****	1.20					GRAB
E.coli 51040 1 0 0	SAMPLE MEASUREMENT				4.93	15.00	0	2 / WEEK	GRAB
	MEASUREMENT								GRAB
BOD, CARBONACEOUS 05 DAY, 20 C 80082 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	(26)	*****			0	2 / WEEK	COMP - 6
	MEASUREMENT	88.19			7.00	8.40		TWICE / WEEK	COMP - 6
	SAMPLE MEASUREMENT		LBS/DAY						
	MEASUREMENT								
	SAMPLE MEASUREMENT								
	MEASUREMENT								
	SAMPLE MEASUREMENT								
	MEASUREMENT								
	SAMPLE MEASUREMENT								
	MEASUREMENT								

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

EXHIBIT E

MEMORIAL VILLAGES
WATER AUTHORITY

WASTE WATER TREATMENT FACILITY
MONTHLY OPERATING REPORT

FOR: January, 2022
PERMIT # TX-0047457

DATE	TIME	TREATMENT FACILITY QUANTITY & QUALITY RESULTS										RAW INFLUENT				RAIN TOTAL INCHES
		TREATED MGD	BOD mg/l	TSS mg/l	NH3-N mg/l	PH	CO2 min	CL2 lbs	DO min	DE-CL2 max	E-Coli cfu/100ml	BOD mg/l	NH3-N mg/l	TSS mg/l	VSS mg/l	
1	06:00	1.163000					3.05	80		0.02						
2	06:00	0.980000					2.47	100		0.01						
3	07:00	1.426000					1.77	180		0.05						
4	07:00	1.321000	6.80	3.40	1.60	7.20	1.22	120	6.60	0.04	2	149.0	25.1	176.0	158.0	
5	07:00	1.367000					1.12	120		0.04						
6	07:00	1.456000	7.10	7.10	0.20	7.50	1.76	140	7.80	0.09	13	166.0	25.9	182.0	169.0	
7	07:00	1.274000					1.35	120		0.09						
8	08:00	1.266000					3.4	120		0.02						
9	08:00	3.784000					3.8	240		0.04						1.22
10	07:00	2.032000					1.75	160		0.06						
11	07:00	1.525000	7.00	3.20	1.10	7.10	2.06	140	7.10	0.08	2	145.0	24.8	162.0	90.0	
12	07:00	1.568000					1.36	160		0.06						
13	07:00	1.343000	7.40	2.10	0.30	7.50	1.81	120	7.90	0.04	8	89.8	18.3	50.0	48.0	
14	07:00	1.339000					1.59	120		0.07						
15	08:00	1.401000					3.63	140		0.04						
16	08:00	1.020000					3.88	80		0.04						
17	07:00	0.577000					1.66	80		0.06						
18	07:00	1.241000	7.80	6.70	0.60	6.90	1.41	90	6.90	0.06	15	338.0	37	287.0	257.0	
19	07:00	1.425000					1.47	130		0.06						
20	07:00	2.059000	8.40	5.70	0.40	7.20	1.66	180	7.80	0.07	2	170.0	35.9	228.0	200.0	0.80
21	07:00	1.585000					1.84	140		0.02						
22	08:00	1.371000					1.37	160		0.06						
23	08:00	1.082000					3.11	100		0.07						
24	07:00	0.997000					1.49	100		0.06						
25	07:00	1.806000	1.85	5.90	0.10	7.20	1.93	160	7.00	0.05	2	164.1	25.0	77.5	77.6	0.32
26	07:00	1.521000					1.93	140		0.05						
27	07:00	1.426000	7.70	6.60	0.10	7.10	2.26	140	8.30	0.06	14	255.0	22.9	308.0	254.0	
28	07:00	1.218000					2.06	160		0.06						
29	08:00	1.254000					2.80	70		0.02						
30	08:00	1.019000					2.40	90		0.02						
31	07:00	1.076000					1.97	160		0.07						
TOTAL		44.212	56.00	42.10	5.40	57.70	71.68	4000	61.4	7.64	58.00	1328.9	218.9	1470.5	1256.5	2.34
AVERAGE		1.426	7.00	5.26	0.68	7.21	2.31	129	7.88	0.05	7.25	165.8	27.4	183.8	157.3	0.78
MAXIMUM		3.784	8.40	6.70	1.60	7.50	4.69	240	8.60	0.09	15.00	338.0	37.0	308.0	257.0	1.22
MINIMUM		0.977	4.80	2.10	0.10	6.90	1.20	70.00	6.90	0.01	2.00	59.80	19.90	50.00	48.00	0.32

EFFLUENT CHARACTERISTICS

DISCHARGE LIMITATIONS

	Daily Avg mg/l (lbs/day)	7-Day Avg mg/l	Daily Max mg/l	Single Grab mg/l	Frequency	Type
BOD	10 (254)	15	25	35	2/Wk	Comp
TSS	15 (382)	25	40	60	2/Wk	Comp
NH3-N						
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

Noe Martinez Jr.
Noe Martinez Jr.

GEN. MANAGER

Trey Cantu
Trey Cantu

EXHIBIT F

MEMORIAL VILLAGES WATER AUTHORITY FUND BALANCES - INVESTMENT AND BANK ACCOUNTS

2/28/2022

BANK ACCOUNTS

ACCT. NO.	MVWA FUND NAME	DEPOSITORY	TYPE OF FUND	ACCOUNT VALUE
3542466374	CHECKING - PF	WELLS FARGO	CHECKING	\$59,152.84
3542466382	CHECKING - PF PLUS	WELLS FARGO	INT. CHECKING	\$4,936,916.62

TOTAL VALUE **\$4,996,069.46**

PLEDGED SECURITIES, PAR VALUE, ABOVE FDIC COVERAGE

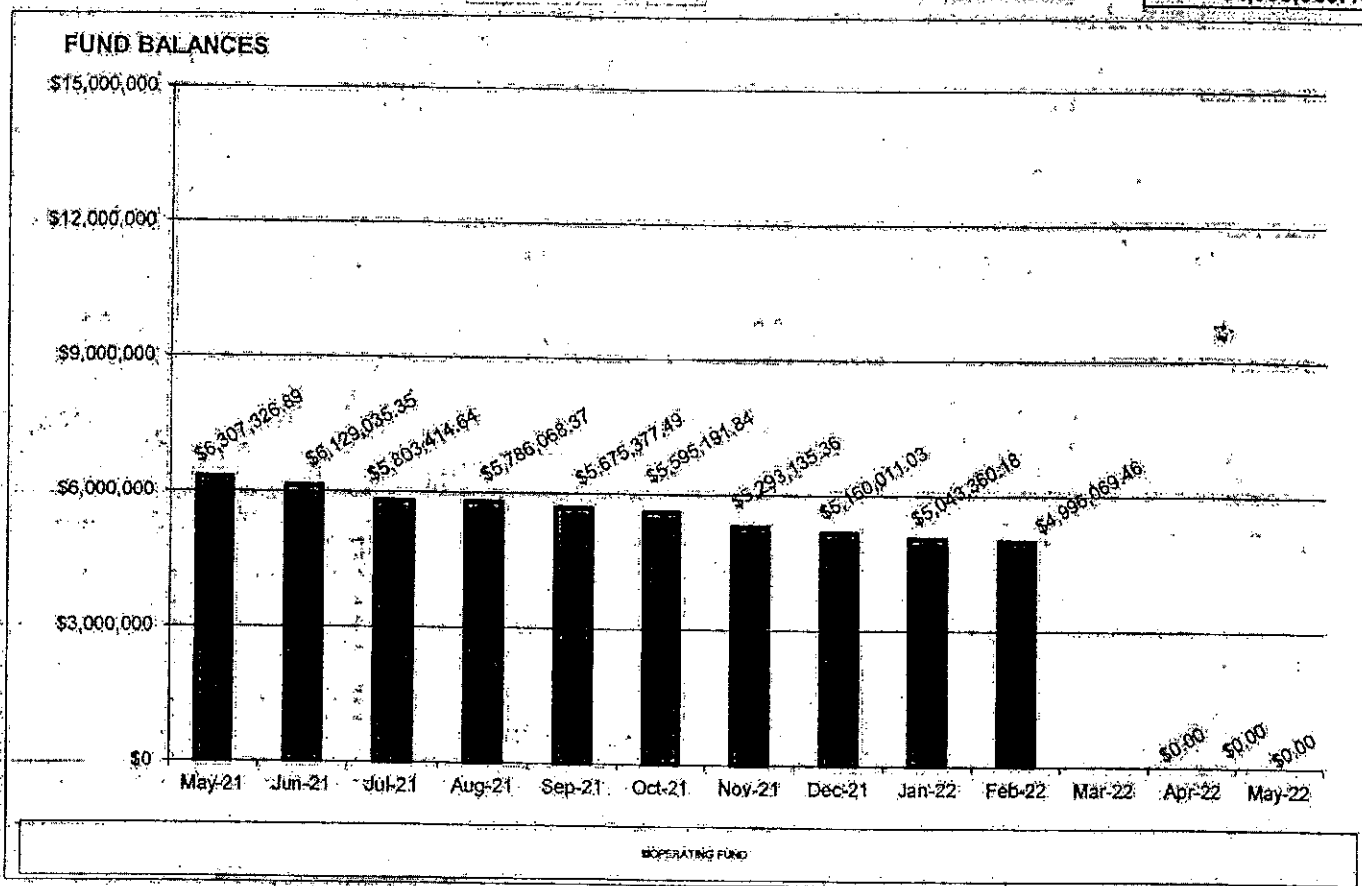
\$5,109,952.01

MVWA FUND NAME

TOTAL FUND VALUE

OPERATING FUND

TOTAL VALUE **\$4,996,069.46**



I, Trey Cantu, investment officer of Memorial Villages Water Authority (the "Authority"), confirm: I prepared the foregoing investment report. The investment portfolio of the Authority complies with the investment strategy of the Authority as stated in its Investment Policy and the Public Funds Investment Act.

Trey Cantu, General Manager

EXHIBIT G

**Memorial Villages Water Authority
Check Register**

For the Period From Feb 15, 2022 to Feb 15, 2022

Filter Criteria Includes: 1) Check Numbers from 5938 to 5966. Report order is by Date.

Check #	Date	Payee	Amount
5938	2/15/22	BLUE IRON TECHNOLOGIES	405.00
5939	2/15/22	CINTAS	841.75
5940	2/15/22	CITY OF HOUSTON HEALTH DEPT.	313.50
5941	2/15/22	DXI INDUSTRIES, INC.	215.00
5942	2/15/22	EASTEX ENVIRONMENTAL LABORATORY	1,708.00
5943	2/15/22	EGSW LLC	9,750.00
5944	2/15/22	WEX BANK	1,351.24
5945	2/15/22	HACH COMPANY	2,406.92
5946	2/15/22	HCTRA - VIOLATIONS	7.00
5947	2/15/22	HEALTHINVEST HRA	69.53
5948	2/15/22	KONTROL AUTOMATION, INC.	542.56
5949	2/15/22	LOWER COLORADO RIVER AUTHORITY	423.14
5950	2/15/22	NOE MARTINEZ, JR.	279.99
5951	2/15/22	MUNICIPALH2O	4,200.00
5952	2/15/22	NEIL TECHNICAL SERVICES, CORP.	45,850.00
5953	2/15/22	OFFICE DEPOT	210.85
5954	2/15/22	POLYDYNE, INC.	2,790.00
5955	2/15/22	PURIFY	2,470.50
5956	2/15/22	QUADIENT LEASING USA, INC.	329.61
5957	2/15/22	QUALITY PRINTING COMPANY	596.75
5958	2/15/22	RADWELL INTERNATIONAL, INC.	2,891.55
5959	2/15/22	MY FLEET CENTER	82.45
5960	2/15/22	TEXAS EXCAVATION	209.95
5961	2/15/22	TREY CANTU	775.68
5962	2/15/22	TX CHILD SUPPORT SDU	252.00
5963	2/15/22	TEXAS MUNICIPAL LEAGUE	5,995.00
5964	2/15/22	VERIZON WIRELESS	103.70
5965	2/15/22	WM CORPORATE SERVICES, INC	12,050.71
5966	2/15/22	WORLDWIDE POWER PRODUCTS	259.08
Total			97,381.46

Memorial Villages Water Authority
Payroll Check Register
For the Period From Feb 14, 2022 to Feb 14, 2022

Filter Criteria includes: 1) Check Numbers from 103740 to 103764. Report order is by Check Date. Report is printed in Detail Format.

Reference	Date	Employee	Amount
103740	2/14/22	Richard M. Culver	2,222.72
103741	2/14/22	Timothy D. Criss	1,276.69
103742	2/14/22	Robert S. Galbraith	1,630.46
103743	2/14/22	Nora J. Ivey	138.52
103744	2/14/22	Leon W. Levandowski Jr.	3,652.69
103745	2/14/22	Noe Martinez Jr.	2,794.81
103746	2/14/22	Kathleen M. Parsons	2,004.40
103747	2/14/22	Nelson B. Morgan	1,546.86
103748	2/14/22	Bobby Salazar	2,599.61
103749	2/14/22	Daniel M. Murphree	832.83
103750	2/14/22	Pete Torres	2,687.08
103751	2/14/22	Christopher M. Simien	2,205.61
103752	2/14/22	Brenda J. Sierra	1,664.27
103753	2/14/22	Cecilio Hernandez	1,451.02
103754	2/14/22	Trey Cantu	4,611.83
103755	2/14/22	Cori D. Scott	1,584.98
103756	2/14/22	Adan A. Maravilla	1,496.08
103757	2/14/22	Cesar A. Martinez	1,585.08
103758	2/14/22	Gary Schenk	277.05
103759	2/14/22	William H. Wilson	277.05
103760	2/14/22	Randolph Ewing	415.57
103761	2/14/22	Veronica H. Roa	277.05
103762	2/14/22	Catherine L. Stubbs	277.05
103763	2/14/22	Al Unal Baysal	138.52
103764	2/14/22	Locke A. Braiy	138.52
	2/14/22 thru 2/14/22		<u>37,786.35</u>
	2/14/22 thru 2/14/22		<u><u>37,786.35</u></u>

Memorial Villages Water Authority
Check Register

For the Period From Feb 15, 2022 to Feb 15, 2022

Filter Criteria includes: 1) Check Numbers from 1206 to 1206. Report order is by Date.

Check #	Date	Payee	Amount
1206	2/15/22	MVWA-BUSINESS CHECKING PF	135,000.00
Total			135,000.00

Jay Shank 2-15-22
Randall A. Bury 2/15/2022
Cathy Stalls 2-16-2022

