

MINUTES OF BOARD OF DIRECTORS MEETING
JUNE 18, 2024

THE STATE OF TEXAS

COUNTY OF HARRIS

HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 109

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The Board of Directors (the “*Board*”) of Harris County Municipal Utility District No. 109 (the “*District*”) met in regular session, open to the public, at the Atascocita Waste Water Treatment Plant, 5003 Atascocita Road, Humble, Texas 77346, on June 18, 2024, at 5:30 p.m.; whereupon the roll was called of the Board, to-wit:

Owen H. Parker, President
Chris Green, Vice President
Cheryl Moore, Secretary
Robin Sulpizio, Assistant Secretary
Nancy A. Frank, Assistant Secretary

All members of the Board were present. Also attending all or parts of the meeting were Ms. Brenda Bass, resident; Lieutenant Steve Romero of Harris County Precinct 4 Constable’s Office; Mr. Tim Spencer of Ad Valorem Appraisals, tax assessor and collector for the District; Mr. Cory Burton of Municipal Accounts & Consulting, LP (“MAC”), bookkeeper for the District; Mr. Bill Kotlan and Mr. Chris Meinhardt of BGE, Inc. (“BGE”), engineers for the District; Mr. Clint Gehrke of Water Waste Water Management Services, Inc. (“WWWMS”), operators for the District; and Mr. Dimitri Millas, Ms. Leslie Bacon and Ms. Jane Maher of Norton Rose Fulbright US LLP (“NRF”), attorneys for the District.

Call to Order. President Parker called the meeting to order in accordance with notice posted pursuant to law, copies of certificates of posting of which are attached hereto as *Exhibit A*, and the following business was transacted:

1. **Public Comments.** There were no public comments.
2. **Minutes.** The Board considered the proposed minutes of meeting held on May 21, 2024, previously distributed to the Board. Upon motion by Director Green, seconded by Director Frank, after full discussion and the question being put to the Board, the Board voted unanimously to approve the minutes of the meeting held on May 21, 2024, as presented.
3. **Review Operations Report, authorize repairs, and approve termination of delinquent accounts in accordance with the District’s Rate Order.** President Parker recognized Mr. Gehrke, who presented the Operations Report dated June 18, 2024 and a list of delinquent accounts, copies of which are attached hereto as *Exhibit B*. Mr. Gehrke reported that 91.21% of the water pumped was billed for the period May 1, 2024 through May 31, 2024. He reviewed the maintenance and repair projects for the month.

Upon motion by Director Green, seconded by Director Sulpizio, after full discussion and the question being put to the Board, the Board voted unanimously to approve the Operations Report and to approve termination of the delinquent accounts in accordance with the terms of the District’s Rate Order.

4. **Tax Collector's Report and authorize payment of certain bills.** President Parker recognized Mr. Spencer, who presented to and reviewed with the Board the Tax Assessor and Collector's Report for the month of May 2024, a copy of which is attached hereto as *Exhibit C*.

Upon motion by Director Moore, seconded by Director Sulpizio, after full discussion and the question being put to the Board, the Board voted unanimously to approve the Tax Assessor and Collector's Report and to authorize payment of checks therein, from the Tax Account to the persons, in the amounts, and for the purposes listed therein.

5. **Review Bookkeeper's Report, and authorize payment of certain bills, and approve quarterly investment report.** President Parker recognized Mr. Burton, who presented to and reviewed with the Board the Bookkeeper's Report, a copy of which is attached hereto as *Exhibit D*.

Upon motion by Director Sulpizio, seconded by Director Frank, after full discussion and the question being put to the Board, the Board voted unanimously to approve the Bookkeeper's Report and to authorize payment of the checks in the amounts, to the persons, and for the purposes listed therein, to adopt the Bookkeeper's Report as presented.

6. **Engineer's Report.** President Parker recognized Mr. Meinhardt who presented to and reviewed with the Board the Engineer's Report, a copy of which is attached hereto as *Exhibit E*.

Mr. Meinhardt reported on the utility relocations related to the FM 1960 widening and stated that there is no update this month.

Mr. Meinhardt reported on the Barents Drive Lift Station. He stated that the project is progressing well and that the lift station structure is complete. He stated that the contractor is waiting on additional materials to be delivered before proceeding. presented Pay Estimate No. 3 in the amount of \$31,050.00 for approval.

Mr. Meinhardt reported on Water Plant No. 2. He stated that construction and seeding of swale is complete and BGE is coordinating with Harris County to inspect the swale.

Mr. Meinhardt reported on the Wastewater Treatment Plant and stated that BGE plans to kick off the belt press replacement/belt press building rehabilitation project this week.

Mr. Meinhardt reported on the Lead and Copper Rule. He stated that the deadline for Phase 1 is October 16, 2024.

Mr. Meinhardt reported on the Capital Improvement Plan. He stated that BGE is currently working on the 2025 adopted budget CIP projects.

Mr. Meinhardt reported on Water Plant No. 1 Ground Storage Tank Replacement. He stated that construction plans are approximately 30% complete.

Mr. Meinhardt reported on Water Plant No. 1 Water Well Rehabilitation. He stated that construction plans are approximately 70% complete and the project is on schedule to bid the project in July.

Mr. Meinhardt reported on the Woodland Hills Tract. He stated that BGE received an updated site plan set and lift station/force main plan set from the developer's engineer. He noted that all comments have been addressed. He reviewed an proposal for Belleau Wood East Lift Station Improvements.

Upon motion by Director Green, seconded by Director Moore, after full discussion and the question being put to the Board, the Board voted unanimously to accept the Engineer's Report, approve Pay Estimate No. 3 in the amount of \$31,050.00 for Barents Drive Lift Station and approve the proposal for Belleau Wood East Lift Station Improvements.

President Parker requested that the Rate Order be placed on the next agenda to discuss rates. He discussed the Atascocita Joint Operations Board expenses.

Director Green reviewed a donation request from the Oaks of Atascocita ("HOA"). It was the consensus of the Board to donate \$1,000 as a sponsor and to provide pamphlets for water conservation at the event. Mr. Millas stated that the request would be ratified at the next meeting.

7. **Discuss emergency text message notification system.** The Board reviewed a copy of the bill insert notice for the emergency notification system, a copy of which is attached hereto as *Exhibit F*. Ms. Maher stated she would send the finalized copy to WWWMS.

8. **Security Report.** President Parker recognized Lieutenant Romero, who reviewed the Security Report for the month of May 2024, a copy of which is attached hereto as *Exhibit G*.

Upon motion by Director Moore, seconded by Director Sulpizio, after full discussion and the question being put to the Board, the Board voted unanimously to approve the Security Report.

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 Directors on July 16, 2024.



President, Board of Directors

ATTEST:



Secretary, Board of Directors

(DISTRICT SEAL)

HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 109

NOTICE

In accordance with chapter 551, Texas Government Code and Section 49.063, Texas Water Code, both as amended, take notice that the Board of Directors of Harris County Municipal Utility District No. 109 will meet in regular session, open to the public, at **Atascocita Waste Water Treatment Plant, 5003 Atascocita Road, Humble, Texas 77346**, at **5:30 p.m. on Tuesday, June 18, 2024**. At such meeting, the Board will consider and act on the following matters:

1. Public comments;
2. Approve minutes of the meeting held on May 21, 2024;
3. Report by Harris County Precinct Four Constable and take any necessary action;
4. Approve Operations Report, authorize repairs, approve termination of delinquent accounts in accordance with the District's Rate Order;
5. Review Tax Collector's Report and authorize payment of certain bills;
6. Review Bookkeeper's Report, and authorize payment of certain bills, and approve quarterly investment report;
7. Review Engineer's Report, including approval of pay estimates, authorization of change orders to pending construction contracts, proposal for construction materials testing, annexation matters, capital improvement plan, variance request and authorize capacity commitments;
8. Discuss emergency text message notification system and take any necessary action; and such other matters as may properly come before the Board.




Norton Rose Fulbright US LLP
Attorneys for District

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 District's paralegal at (713) 651-5589 at least three business days prior to the meeting so that appropriate arrangements can be made.

CERTIFICATE OF POSTING NOTICE
OF MEETING OF BOARD OF DIRECTORS

THE STATE OF TEXAS

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COUNTY OF HARRIS

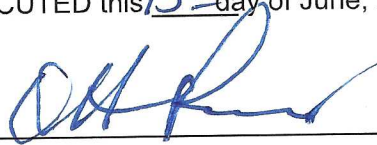
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HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 109

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I hereby certify that on JUNE 13, 2024, I posted the Notice of Meeting of the Board of Directors of Harris County Municipal Utility District No. 109, a true copy of which is attached hereto, at a place convenient to the public in Plexiglas enclosed bulletin boards located on the grounds of the District's Water Plant No. 1 at 5722 Forest Timbers Drive, Water Plant No. 2 at 20322 Burle Oak, Lift Station No. 1 at 19419 Timber Forest Drive, and Lift Station No. 2 at 4630 Springlea, within said political subdivision, as required by law.

EXECUTED this 13th day of June, 2024.

A handwritten signature in blue ink, appearing to be "O.H. R.", is written over a horizontal line.

Jane Maher

From: Russell Lambert <russ@texasnetwork.com>
Sent: Wednesday, June 12, 2024 12:27 PM
To: Jane Maher
Cc: The Texas Network
Subject: RE: 109 & AJOB June Postings

CERTIFICATE OF POSTING OF NOTICE OF PUBLIC MEETING

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

I hereby certify that on the date listed in this email above, that I have posted the notice of public meeting on the website at the following location:

<https://www.waterdistrict109.com/meetings>

Russell Lambert
russ@texasnetwork.com

From: Jane Maher <jane.maher@nortonrosefulbright.com>
Sent: Wednesday, June 12, 2024 11:20 AM
To: Russell Lambert <russ@texasnetwork.com>
Cc: The Texas Network <support@texasnetwork.com>
Subject: 109 & AJOB June Postings

Hi Russ,

Please post the attached agendas to 109's website and return the COPs at your earliest convenience.

Thanks,

Jane Maher | Senior Paralegal
Norton Rose Fulbright US LLP
1550 Lamar Street, Suite 2000, Houston, Texas 77010-4106, United States
Tel +1 713 651 5589 | Fax +1 713 651 5246
jane.maher@nortonrosefulbright.com

NORTON ROSE FULBRIGHT

Law around the world

nortonrosefulbright.com

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To reply to our email administrator directly, send an email to nrfus.postmaster@nortonrosefulbright.com.

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WWWMS, INC.
HARRIS COUNTY MUD # 109
OPERATIONS REPORT
Tuesday, June 18, 2024

BILLING AND COLLECTION RECAP:

DEPOSITED IN YOUR ACCOUNT LAST MONTH:

Period Ending:	May-24
Deposit:	\$ 3,819.37
Penalty:	\$ 3,699.30
Water:	\$ 52,836.16
Sewer:	\$ 50,364.73
Inspection:	\$ 681.00
Voluntary Fire & EMS:	\$ -
Misc:	\$ 5,349.31
NHCRWA:	\$ 77,446.01
Reconnect:	\$ -
NSF Fee:	\$ 140.00
Total Collections:	\$ 194,335.88

CURRENT BILLING:

Period Ending:	Jun-24
Deposit:	\$ -
Penalty:	\$ 4,142.27
Water:	\$ 47,072.19
Sewer:	\$ 53,138.89
Inspection:	\$ 801.00
Voluntary Fire & EMS:	\$ -
Misc:	\$ 3,400.00
NHCRWA:	\$ 82,620.60
Total Billing:	\$ 191,174.95

CUSTOMER AGED RECEIVABLES:

30 Day	23%	\$ 44,755.42
60 Day	6%	\$ 11,572.09
90 Day	1%	\$ 1,644.82
120 Day	7%	\$ 13,052.79
Overpayments		\$ (8,345.14)
Total Receivables:		\$ 62,679.98

HGCSD PERIOD: 5/1/24 THRU 5/31/24

Period 6/1/23 thru 5/31/24

MONTHLY TOTAL

Gallons Authorized:	450.000	MG
Current Month Produced:	26.262	MG
Cum. Gallons Produced:	330.830	MG
Auth. Gallons Remaining:	119.170	MG
Avg. Gallons Per Month:	27.569	MG
Permit Months Remaining:	0	

WATER PLANT OPERATIONS:

Period: 5/1/2024 thru 5/31/2024

MONTHLY TOTAL

Production:	25.827	MG
Amount Purchased:	0.000	MG
Total Amount:	25.827	MG
Consumption: (Billed)	21.458	MG
46 I/C	0.000	MG
Maint. / Leaks / Flushing	1.300	MG
Est. Amt. Sold to HC MUD 151	0.800	MG
Total:	23.558	MG
Daily Average Production:	0.833	MG
Percent Accounted For:	91.21%	

(EST interior inspection WP2)

NEW METER INSTALLATIONS:

Residential:	0
Commercial:	0
Total:	0

CONNECTION COUNT:

Residential:	2997
Commercial:	108
Clubs/Schools:	1
Irrigation:	19
Vacant:	35
Builders:	22
Vacation:	0
No Bill:	6
	3188
New Finals and Transfers	-26
	3162

ACCOUNTS SENT TO COLLECTIONS:

Total of (0)

HARRIS COUNTY MUD #109

ACTIVITY REPORT

June 18, 2024

Item 1: Attached Reports are listed as follows:

- A.) Accounts turned over to collections (0).
- B.) Historical data on water production report.
- C.) NHCRWA Pumpage and Billing report for May 2024
- D.) Billing / Recap Summary Report

Item 2: Lift Station #1 (Main priority Lift Station in the District)

- A.) Generator required emergency repairs caused by a cat.
Cat destroyed the large fan blade damaged belts and radiator. Rush order new fan blade plus freight cost. Fan blade not available in Houston. Repaired radiator and pressure test radiator.
Estimate cost: \$ 9,483.50 *Generator is back in operation.*

Item 3: Water Plant #2

- A.) Booster Pump 2 leaking at mechanical seal (Contractor warranty expired).
Scheduled a contractor to make repairs to mechanical seal.
- B.) Drained elevated storage tank to repair leak on entry hatch and BGE performed interior tank inspection. Purchased special gasket to repaired leak, disinfect and refill EST. EST back in operation.

Item 4: GM Services

- A.) Completed Well Pump Performance testing on May 8th, 2024 for Well # 1 and Well # 2 .
See Attached reports.

Item 5: Cut off Report / Status on Arrears Account

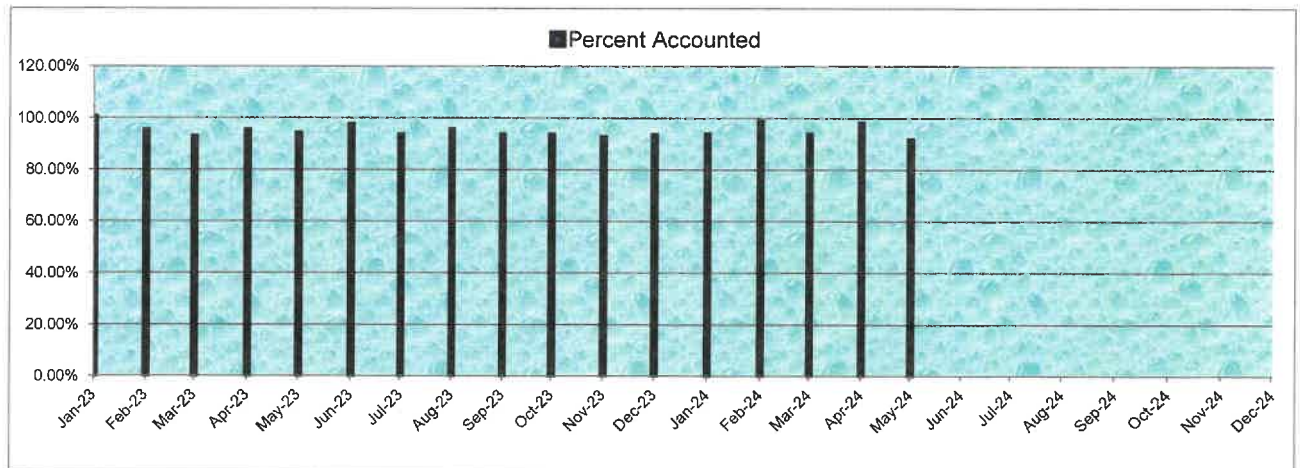
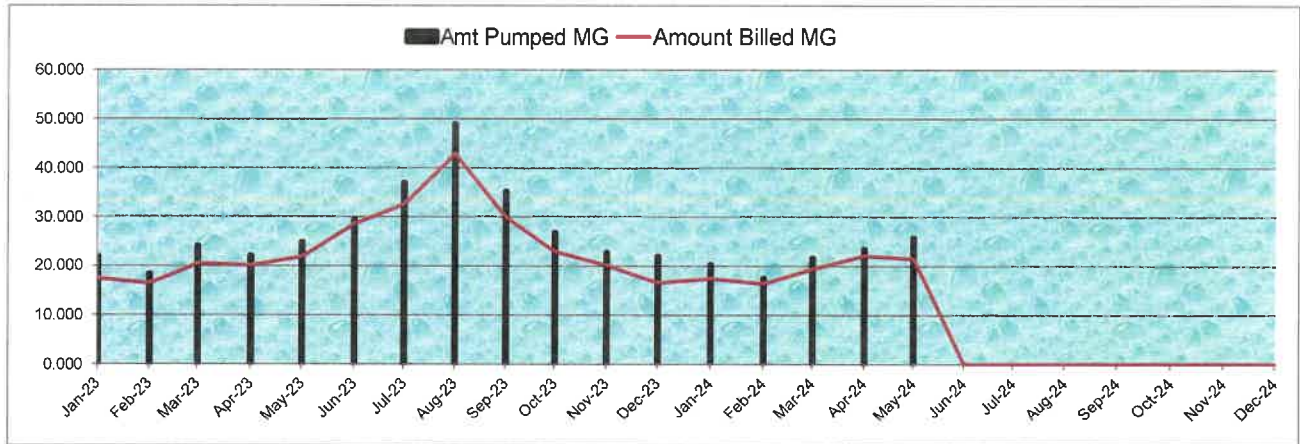
- A.) Door hangers: 6/17/2024
Due Date: 6/8/2024
Cut offs: 6/20/2024

HARRIS COUNTY MUD #109

WATER PRODUCTION REPORT

June 18, 2024

Month /Year	Amt Pumped MG	Amt Billed MG	Maint. MG	Amt. Sold I/C	Amount HC 151	Total Amount	Percent Accounted
Jan-23	21.913	17.401	3.712	0.000	0.800	21.913	100.00%
Feb-23	18.295	16.441	0.100	0.000	0.800	17.341	94.79%
Mar-23	24.079	20.448	1.000	0.000	0.800	22.248	92.40%
Apr-23	22.020	20.106	0.000	0.000	0.800	20.906	94.94%
May-23	24.809	21.941	0.500	0.000	0.800	23.241	93.68%
Jun-23	29.463	28.631	0.000	0.000	0.000	28.631	97.18%
Jul-23	36.951	32.580	1.000	0.000	0.800	34.380	93.04%
Aug-23	48.966	42.859	2.900	0.000	0.800	46.559	95.08%
Sep-23	35.191	29.946	2.000	0.000	0.800	32.746	93.05%
Oct-23	26.831	22.958	1.200	0.000	0.800	24.958	93.02%
Nov-23	22.747	20.173	0.000	0.000	0.800	20.973	92.20%
Dec-23	21.977	16.556	3.100	0.000	0.800	20.456	93.08%
Jan-24	20.298	17.441	0.700	0.000	0.800	18.941	93.31%
Feb-24	17.506	16.410	0.000	0.000	0.800	17.210	98.31%
Mar-24	21.643	19.400	0.000	0.000	0.800	20.200	93.33%
Apr-24	23.430	22.082	0.000	0.000	0.800	22.882	97.66%
May-24	25.827	21.458	1.300	0.000	0.800	23.558	91.21%
Jun-24							
Jul-24							
Aug-24							
Sep-24							
Oct-24							
Nov-24							
Dec-24							
Total	441.946	386.831	17.512	0.000	12.800	417.143	1606.29%
Average	25.997	22.755	1.030	0.000	0.753	24.538	94.49%



NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY
Groundwater and/or Surface Water Reporting and Billing Form - 2024

Report filed online <http://oprs.nhcrwa.com>

Name of Well Owner or Recipient of Surface Water: Harris County MUD 109

Billing period for which the report is being filed

Billing Period	Rate per 1,000 gallons	Due Date
May 01-31, 2024	\$3.60 groundwater \$4.05 surface water	July 18, 2024

Gallons of Groundwater Pumped for Billing Period

	Start Meter Reading	End Meter Reading	Total
Well #2083	648,964 x1000	665,916 x1000	16,952,000
Well #4448	508,011 x1000	518,057 x1000	10,046,000
Adjustment			0

Water imported from outside NHCRWA

Imported water	Source:		
Meter reading:	x	x	0

Miscellaneous water (not billed)

Other entity	Water Type	Direction	Amount
	Groundwater	Out	

1	Enter total gallons of groundwater pumped and/or imported	26,998,000
2	Divide by 1000	26,998
3	Total groundwater fee due (multiply line 2 x \$3.60)	\$97,192.80
4	Enter total gallons of surface water received	0
5	Divide by 1000	0
6	Total surface water fee due (multiply line 5 x \$4.05)	\$0.00
7	Deduct 2003 Capital Contribution Credit amount, if applicable	(\$12,261.25)
8	Deduct 2005 Capital Contribution Credit amount, if applicable	(\$0.00)
9	Deduct 2008 Capital Contribution Credit amount, if applicable	(\$0.00)
10	Deduct Chloramination System Credit or other asset credit, if applicable	(\$0.00)
11	Other Credits:	(\$0.00)
12	Total due	\$84,931.55

If your payment is received late, the Authority will send you an invoice for the late fees set forth in the Rate Order.

I declare that the above information is true and correct to the best of my knowledge and belief.

Date: June 05, 2024

Signed: 

Name: Paul Villarreal

Title: Operator

Make check payable to:

North Harris County Regional Water Authority; Dept. 35, P.O. Box 4346 Houston, Texas 77210-4346

Please mail this form with the payment or fax to 281-440-4104, phone: 281-440-3924

[Click here](#) to return to the Home Page.

HARRIS COUNTY MUD 109

JANUARY 2024 THROUGH DECEMBER 2024 ANNUAL RECAP COLLECTIONS REPORT

	January 2024	February 2024	March 2024	April 2024	May 2024	June 2024	July 2024	August 2024	September 2024	October 2024	November 2024	December 2024
COLLECTIONS:												
WATER PAYMENTS	\$ 48,220.77	\$ 46,990.88	\$ 46,038.08	\$ 48,105.74	\$ 52,836.16							\$ 241,591.63
SEWER PAYMENTS	\$ 50,106.94	\$ 50,686.47	\$ 48,148.10	\$ 48,662.59	\$ 50,364.73							\$ 247,968.83
PENALTY PAYMENTS	\$ 4,302.87	\$ 4,065.56	\$ 3,021.76	\$ 3,356.81	\$ 3,699.30							\$ 18,446.30
CHCRWA	\$ 65,613.98	\$ 63,478.63	\$ 59,626.31	\$ 69,223.57	\$ 77,446.01							\$ 334,388.50
RECONNECT FEES	\$ -	\$ -	\$ -	\$ -	\$ -							\$ -
MISCELLANEOUS	\$ 4,737.09	\$ 7,858.98	\$ 5,112.80	\$ 6,739.15	\$ 5,349.31							\$ 29,797.33
DEPOSIT	\$ 3,700.00	\$ 50.00	\$ 7,550.00	\$ 4,375.00	\$ 3,819.37							\$ 19,494.37
NSF FEES	\$ 210.00	\$ 508.36	\$ -	\$ 245.00	\$ 140.00							\$ 1,103.36
INSPECTION FEES	\$ 801.00	\$ 721.00	\$ 867.65	\$ 854.35	\$ 681.00							\$ 3,925.00
TOTAL DEPOSIT	\$ 177,692.65	\$ 173,759.88	\$ 169,364.70	\$ 181,562.21	\$ 194,335.88	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 896,716.32
ARREARS BREAKDOWN												
30 DAYS	\$ 39,439.48	\$ 42,184.37	\$ 37,054.69	\$ 40,038.78	\$ 44,755.42							\$ 203,472.74
60 DAYS	\$ 13,667.74	\$ 10,694.33	\$ 13,733.32	\$ 11,903.88	\$ 11,572.09							\$ 61,571.36
90 DAYS	\$ 2,568.64	\$ 2,218.34	\$ 2,322.50	\$ 1,969.20	\$ 1,644.82							\$ 10,723.50
120 DAYS	\$ 9,572.28	\$ 9,663.48	\$ 11,338.05	\$ 11,458.81	\$ 13,052.79							\$ 55,105.41
OVER PAYMENTS	\$ (8,714.37)	\$ (8,671.06)	\$ (8,554.24)	\$ (8,759.86)	\$ (8,345.14)							\$ (43,044.67)
TOTAL ARREARS	\$ 56,533.77	\$ 56,109.46	\$ 55,894.32	\$ 56,610.81	\$ 62,679.98	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 287,828.34



May 16, 2024

Harris County M.U.D. #109
P. O. Box 680529
Houston, Texas 77268-0529

Attn: Mr. Paul Villarreal

Reference: Water Well #1- Performance Testing

Dear Mr. Villarreal,

Collection and evaluation of field data pertaining to the operation of the well and well pumping equipment was recently completed at the above referenced facility. Included in this report please find the test results and pump curve generated by the testing. Historical performance data is presented in graphical format.

PERFORMANCE TEST REVIEW				
Hydraulic Performance of pump is 2074 GPM @ 308' field head	Excellent ____	Good <u>X</u>	Marginal ____	Poor ____
Overall efficiency is 72 percent	Excellent <u>X</u>	Good ____	Satisfactory ____	Poor ____
Pump Submergence 173 feet	Excellent <u>X</u>	Good ____	Marginal ____	Poor ____
Physical Condition of unit	Excellent ____	Good <u>X</u>	Marginal ____	Poor ____
Suspended Solids Testing	Excellent <u>X</u>	Good ____	Marginal ____	Poor ____
Brass Observed in SST	None ____	<u>X</u>	Trace ____	Substantial ____
Flowmeter Accuracy is 98.3 percent				Excessive ____

The test revealed that the pump appears to be operating in satisfactory condition.

We appreciate this opportunity to be of service. If you have any questions or comments, please call.

Sincerely,

Gary McMurrey
G-M Services



SPECIALIZED INSPECTION SERVICES FOR THE WATER INDUSTRY

Performance Test Report

website: www.g-mservices.com

phone: 281-894-8971

Facility Harris County MUD #109 - Well #1

Test Date 05/08/2024

U.S.G.S. # LJ-60-63-801 26271 Forest Timbers Drive Houston 773

Subsidence Well ID#: 4448

PUMP DATA

Manufacturer : National
Bowl Type : M-14-HC
Stages : 4
Setting : 460
Column Size : 10 x 1 11/16 x 2 1/2
Design Point : 1750 GPM @ 338' TDH

MOTOR DATA

Manufacturer : U.S. Motors
Size (HP) : 250
Amps/Volts : 287/460
Serial # : C521540-84-10134-4
Frame : 1505P
Speed (RPM) : 1775

PERFORMANCE TEST DATA

Static Lvl (ft) -221

Discharge Pressure	9	40
Capacity (GPM)	2074	1770
Pumping Lvl (ft)	-287	-279
Drawdown (ft)	66	58
Specific Capacity	31.42	30.52
Field Head (ft)	307.79	371.4
Water Horsepower	161.2	166.17
Overall Efficiency	72%	75%
Horsepower Input	225.25	220.83
Kilowatt Input	168.1	164.8
Amp Draw	234-248-228	229-243-224
Voltage	486-489-484	489-491-486
Sand (PPM)	1	1
Time (min)	45	15

Meter Data

Manufacturer: Water Special Size: 12
Serial #: 20171692-12
Meter Read: 515004.000
Meter accuracy is 98.3 % at 2039 GPM

Additional Data

Start-up Sand (PPM) 5
Brass Detect: No
Pump Submergence (ft) 173
ETM Read: 40667

Remarks

Meter affidavit completed.

TECHNICIAN E. Compean

PERFORMANCE BASED ON
PUMPING CLEAR, FRESH
NON-AERATED WATER AT
65° F MAXIMUM UNLESS
OTHERWISE SPECIFIED

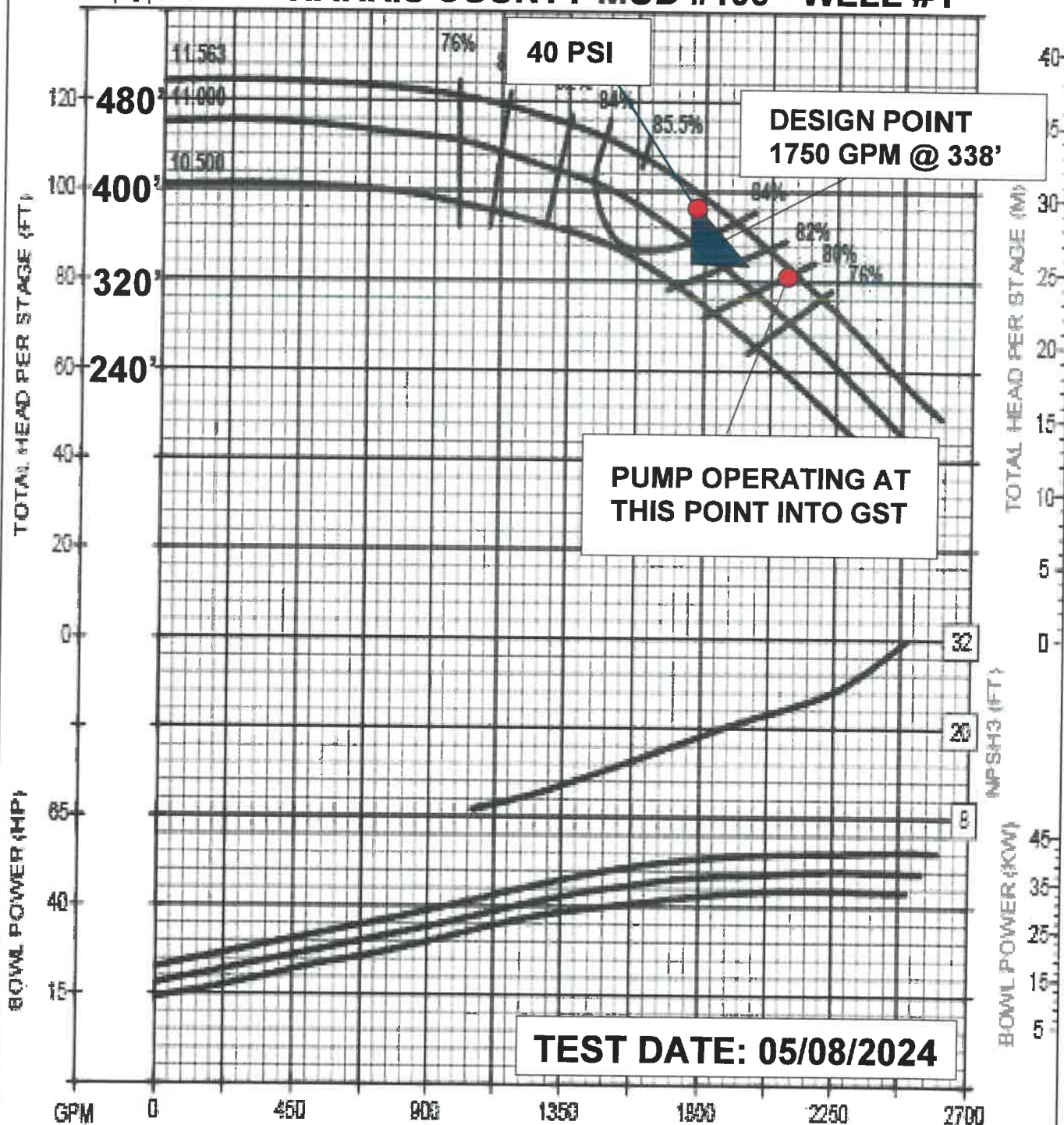


M14HC

1770 RPM

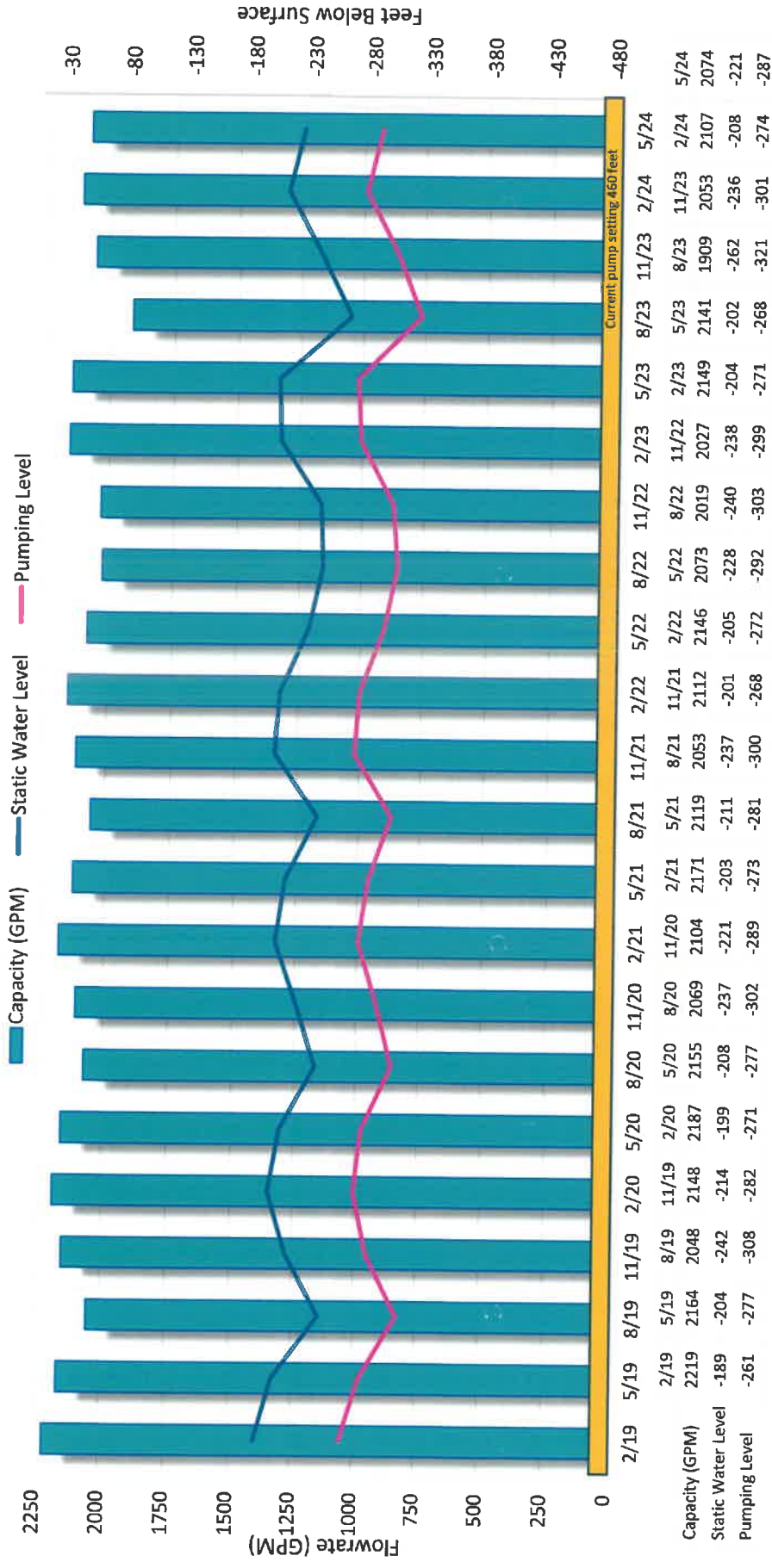
CHANGE EFFICIENCY AS FOLLOWS	NUMBER OF STAGES	NUMBER OF POINTS	1	2	3		DESIGN	GPM	TDH	HP	EFF
			-2	-1	0						

1 STG (4) STG **HARRIS COUNTY MUD #109 - WELL #1**



Harris County MUD #109

Well #1





Harris-Galveston Subsidence District

1660 West Bay Area Blvd. - Friendswood, TX 77546

www.hgsubsidence.org

281-486-1105



May 16, 2024

Ref Num: MCA2024-112156

Well Num: 4448

Affidavit of Meter Calibration Test

Permittee Name:	North Harris County Regional Water Authority
Well Number:	4448
Description of Site at Location:	Harris County MUD #109 Well #1
Meter Manufacturer:	Water Specialties
Serial No:	20171692-12
Type:	Propeller
Testing Firm:	G-M Services
Mailing Address:	PO Box 690309 Houston TX 77269
Phone Number:	713-397-7309
Test Supervisor:	E. Compean
Details of Test:	Transmit Time
Date of Test:	05/08/2024
Description of Test:	set up downstream of meter
Unit Serial Number:	A2J5600T

Test Results:

Meter Reading at Start of Test:	515,004,000.00
Meter Reading at End of Test:	515,024,390.00
Metered Quantity (item 2-item 1):	20,390.00
Known Standard Quantity in Test:	98.30
Percent Accuracy (item 3 + item 4 * 100):	98.30
Flow Rate:	2,039.00
Pipe Diameter:	12.00
Recalibration:	No
Percent Accuracy After Recalibration:	

Remarks:

Applicant/Agent Name:	Tiana Bernelle
Applicant/Agent Email:	admin@g-mservices.com



May 16, 2024

Harris County M.U.D. #109
P. O. Box 680529
Houston, Texas 77268-0529

Attn: Mr. Paul Villarreal

Reference: Water Well #2- Performance Testing

Dear Mr. Villarreal,

Collection and evaluation of field data pertaining to the operation of the well and well pumping equipment was recently completed at the above referenced facility. Included in this report please find the test results and pump curve generated by the testing. Historical performance data is presented in graphical format.

PERFORMANCE TEST REVIEW				
Hydraulic Performance of pump is 2121 GPM @ 320' field head	Excellent ____	Good <u>X</u>	Marginal ____	Poor ____
Overall efficiency is 63 percent	Excellent ____	Good <u>X</u>	Satisfactory ____	Poor ____
Pump Submergence 105 feet	Excellent <u>X</u>	Good ____	Marginal ____	Poor ____
Physical Condition of unit	Excellent ____	Good <u>X</u>	Marginal ____	Poor ____
Suspended Solids Testing	Excellent <u>X</u>	Good ____	Marginal ____	Poor ____
Brass Observed in SST	None ____	<u>X</u> Trace ____	Substantial ____	Excessive ____
Flowmeter Accuracy is 100.2 percent				

The test indicated the pump appears to be operating in good condition.

A HCSD meter affidavit was completed during the test and is attached.

We appreciate this opportunity to be of service. If you have any questions or comments, please call.

Sincerely,

Gary McMurrey
G-M Services



SPECIALIZED INSPECTION SERVICES FOR THE WATER INDUSTRY

Performance Test Report

website: www.g-mservices.com

phone: 281-894-8971

Facility Harris County MUD #109 - Well #2

Test Date 05/13/2024

U.S.G.S. # LJ-60-63-80G

Subsidence Well ID#: 2083

PUMP DATA

Manufacturer : Goulds
Bowl Type : 14RJMC
Stages : 6
Setting : 400
Column Size : 10" x 3" x 1 15/16"
Design Point : 1800 GPM @ 480' TDH

MOTOR DATA

Manufacturer : U.S. Motors
Size (HP) : 350
Amps/Volts : 387/460
Serial # : R037406279-0003R
Frame : 447TPA
Speed (RPM) : 1780

PERFORMANCE TEST DATA

Static Lvl (ft) -189

Discharge Pressure	11	40
Capacity (GPM)	2121	1920
Pumping Lvl (ft)	-295	-287
Drawdown (ft)	106	98
Specific Capacity	20.01	19.59
Field Head (ft)	320.41	379.4
Water Horsepower	171.6	184.14
Overall Efficiency	63%	65%
Horsepower Input	273.63	281.40
Kilowatt Input	204.2	210
Amp Draw	273-277-295	280-285-305
Voltage	487-492-487	484-491-485
Sand (PPM)	1	1
Time (min)	45	15

Meter Data

Manufacturer: Water Spec Size: 16
Serial #: 20171693-16
Meter Read: 651687.000
Meter accuracy is 100.2 % at 2125 GPM

Additional Data

Start-up Sand (PPM) 2
Brass Detect: No
Pump Submergence (ft) 105
ETM Read: 2081

Remarks

Meter affidavit completed.

TECHNICIAN E. Compean

Curve No. 3126

Size: 14RJMC

RPM: 1770

EFFICIENCY CHANGE

STGS.	1	0

Ns = 2990

PERF. BASED ON
STD. MTL'S.

Impeller = B012408

K = 13.2 LBS./FT.
19.6 KG./M.

K(Bal.) =

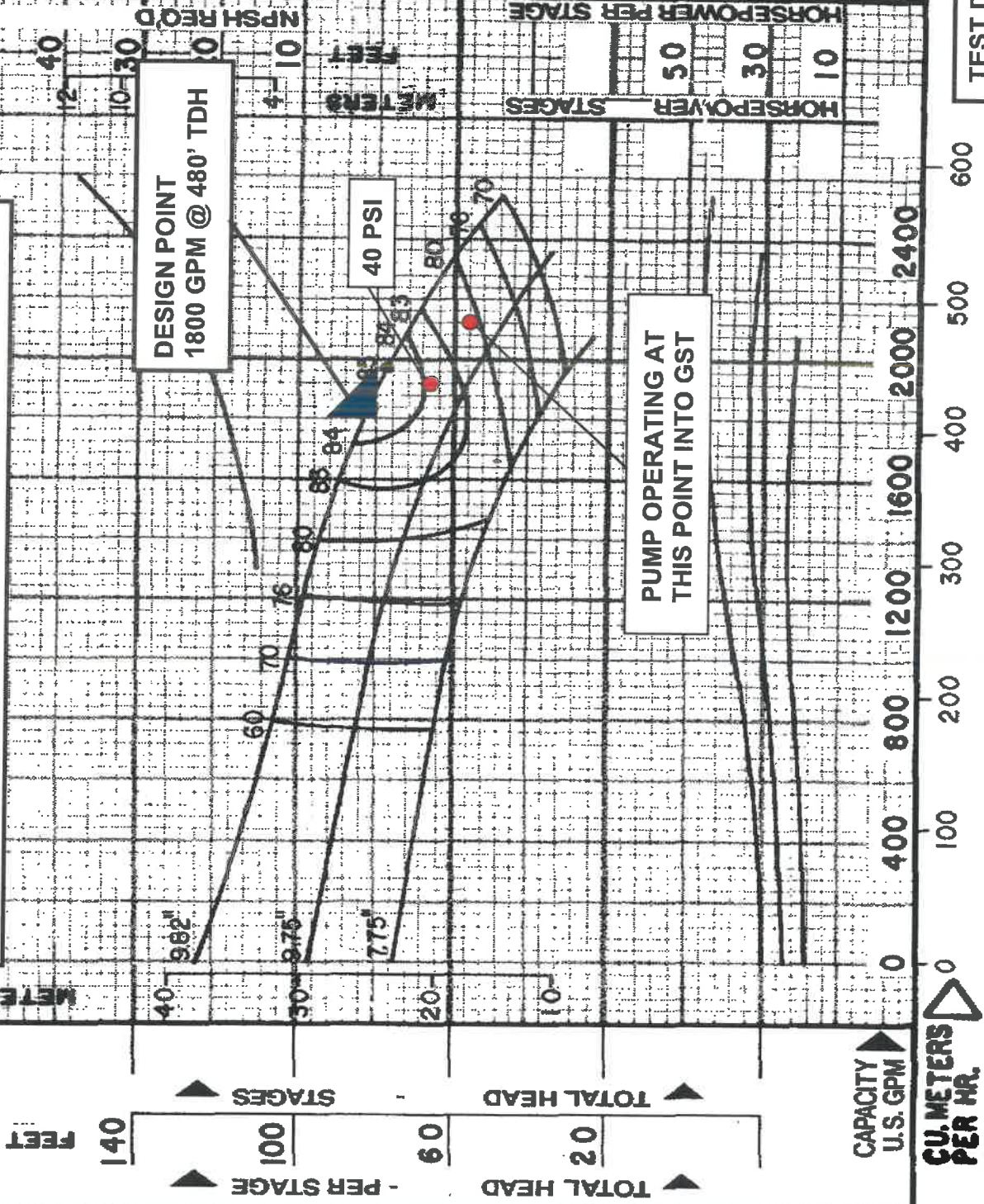


VERTICAL PRODUCTS
DIVISION

Characteristic based
upon pumping clear,
non-aerated water.
Rating point only is
guaranteed. Column
losses not included.

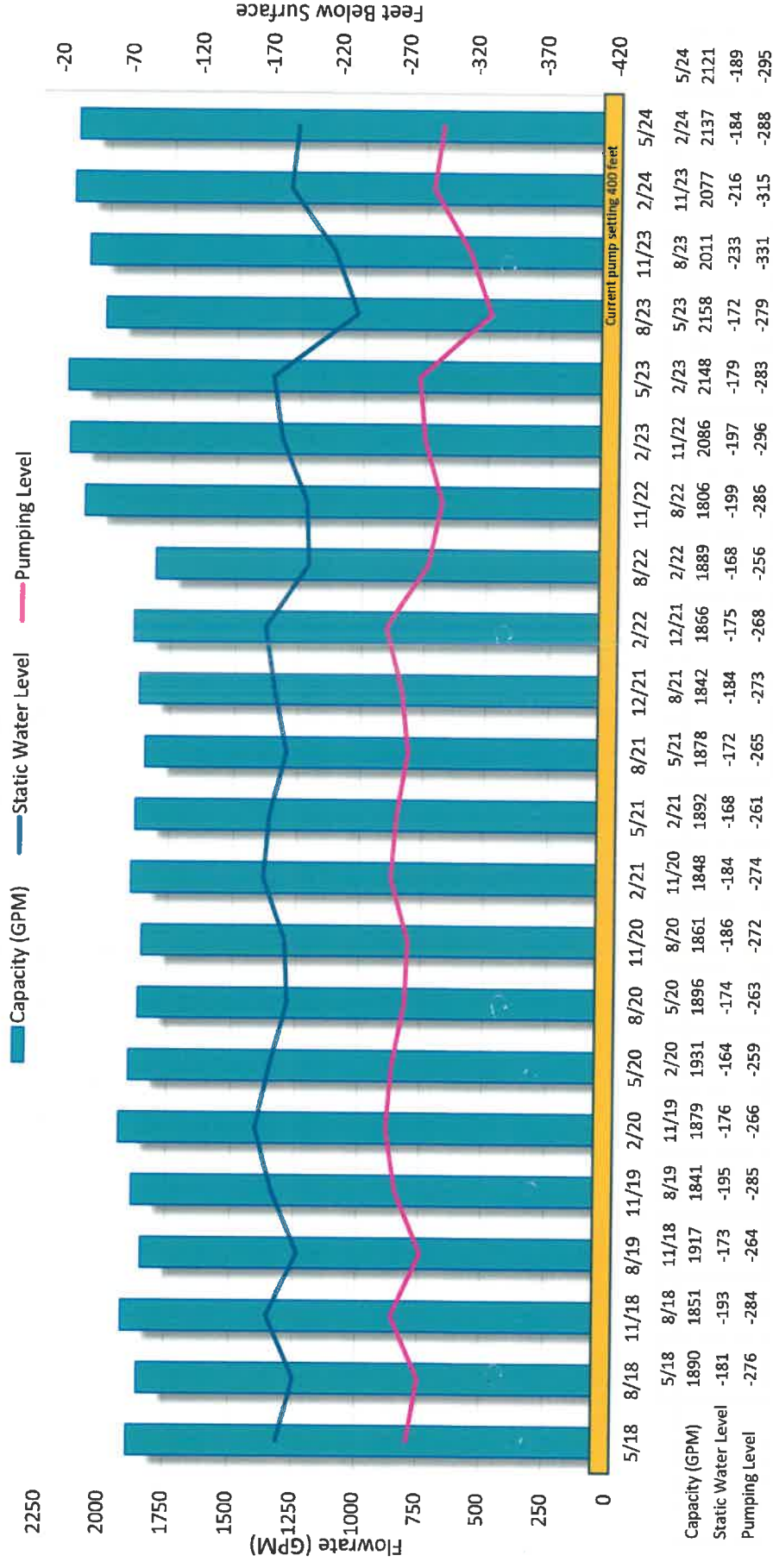
TEST DATE: 05/13/2024

HARRIS COUNTY MUD #109 - WELL #2



Harris County MUD #109

Well #2





Harris-Galveston Subsidence District

1660 West Bay Area Blvd. - Friendswood, TX 77546

www.hgsubsidence.org

281-486-1105



May 16, 2024

Ref Num: MCA2024-112158

Well Num: 2083

Affidavit of Meter Calibration Test

Permitee Name:	North Harris County Regional Water Authority
Well Number:	2083
Description of Site at Location:	Harris County MUD #109 Well #2
Meter Manufacturer:	Water Specialties
Serial No:	20171693-16
Type:	Propeller
Testing Firm:	G-M Services
Mailing Address:	PO Box 690309 Houston TX 77269
Phone Number:	713-397-7309
Test Supervisor:	E. Compean
Details of Test:	Transmit Time
Date of Test:	05/13/2024
Description of Test:	set up downstream of meter
Unit Serial Number:	A2J5600T

Test Results:

Meter Reading at Start of Test:	651,687,000.00
Meter Reading at End of Test:	651,708,250.00
Metered Quantity (item 2-item 1):	21,250.00
Known Standard Quantity in Test:	21,210.00
Percent Accuracy (item 3 + item 4 * 100):	100.20
Flow Rate:	2,125.00
Pipe Diameter:	16.00
Recalibration:	No

Percent Accuracy After Recalibration:

Remarks:

Applicant/Agent Name: Tiana Bernelle

Applicant/Agent Email: admin@g-mservices.com

Harris County Municipal Utility District Number 109

Tax Collector's Report

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Disbursements for June 18, 2024:

#2435: Ad Valorem Appraisals Inc; TAC Fee-6/2025	\$2,859.84
#2436: Perdue Brandon Fielder Collins & Mott; Tax Atty Fee-5/2024	1,539.57
#2437: Harris Central Appraisal District; Quarterly Assessment	8,637.00
#2438: Harris-Montgomery Counties MUD 386; Refund GDS Bank Error	<u>12,060.29</u>
Total Disbursements for June 18, 2024	<u>\$25,096.70</u>

Exhibit C

Harris County Municipal Utility District Number 109

Tax Collector's Report

Current Period Covered: May 1, 2024 to May 31, 2024

Fiscal Year Beginning: June 1, 2023

<u>Cash Receipts and Disbursements</u>	<u>Current Period</u>	<u>Year to Date</u>
Cash Balance at Beginning of Period	\$103,359.39	\$360,661.48
Collections:		
2023 Tax Collections	101,087.22	3,828,588.77
2022 Tax Collections	599.28	140,114.49
2021 Tax Collections	0.00	6,128.60
2020 Tax Collections	0.00	1,680.50
2019 Tax Collections	477.24	1,986.41
2018 Tax Collections	0.00	518.75
2017 Tax Collections	0.00	488.43
2016 Tax Collections	0.00	475.00
2015 Tax Collections	0.00	439.67
2014 Tax Collections	0.00	395.74
2013 Tax Collections	0.00	358.47
2012 Tax Collections	0.00	358.98
2011 Tax Collections	0.00	390.71
2010 Tax Collections	0.00	394.94
2009 Tax Collections	0.00	7.09
2008 Tax Collections	0.00	7.87
2007 Tax Collections	0.00	8.75
2006 Tax Collections	0.00	10.47
2005 Tax Collections	0.00	12.48
SIT Overage Collections	0.00	12.61
Penalty and Interest	7,891.99	43,243.42
Tax Attorney Fees	1,539.57	19,834.26
Overpayments	12,251.43	23,995.32
Returned Checks	0.00	-2,608.06
Interest Earned	<u>177.65</u>	<u>6,104.15</u>
Total Collections	124,024.38	4,072,947.82
Disbursements:		
Tax Assessor-Collector Fee	2,859.84	34,297.68
Tax Assessor-Collector Bond	0.00	250.00
Annual Data Processing Charges	0.00	4,035.35
Tax Attorney Fee	836.48	19,861.71
Appraisal District Quarterly Fee	0.00	30,177.00
Transfer to Bond Fund	0.00	2,149,557.61
Transfer to Maintenance Fund	0.00	1,956,331.24
Publication Cost	0.00	845.90
Refund Overpayments	22,993.41	35,908.56
Bank Charges	<u>220.43</u>	<u>1,870.64</u>
Total Disbursements	<u>26,910.16</u>	<u>4,233,135.69</u>
Cash Balance at End of Period	<u>\$200,473.61</u>	<u>\$200,473.61</u>

Harris County Municipal Utility District Number 109

Tax Collector's Report Taxes Receivable Summary as of May 31, 2024

Taxes Receivable by Year

<u>Year</u>	<u>Adjusted Tax Levy</u>	<u>Collections To Date</u>	<u>Taxes Receivable</u>	<u>Percent Collected</u>
2023	\$3,957,507.70	\$3,828,589.25	128,918.45	96.74%
2022	3,774,182.93	3,742,681.71	31,501.22	99.17%
2021	3,383,108.99	3,369,169.22	13,939.77	99.59%
2020	3,164,583.82	3,152,436.26	12,147.56	99.62%
2019	3,081,590.26	3,070,456.19	11,134.07	99.64%
2018	2,906,869.36	2,899,255.05	7,614.31	99.74%
2017	2,895,613.63	2,887,902.21	7,711.42	99.73%
2016	2,808,690.61	2,802,970.88	5,719.73	99.80%
2015	2,573,712.76	2,569,834.92	3,877.84	99.85%
2014	2,301,769.82	2,297,895.06	3,874.76	99.83%
2013	2,097,527.32	2,094,489.96	3,037.36	99.86%
2012	2,071,519.13	2,068,914.02	2,605.11	99.87%
2011	2,121,714.06	2,119,595.06	2,119.00	99.90%
2010	2,138,895.52	2,136,752.39	2,143.13	99.90%
2009	2,160,628.25	2,158,243.88	2,384.37	99.89%
2008	2,142,045.24	2,140,369.95	1,675.29	99.92%
2007	2,084,977.70	2,082,933.82	2,043.88	99.90%
2006	2,108,720.67	2,106,771.68	1,948.99	99.91%
2005	2,197,283.24	2,195,556.05	1,727.19	99.92%
2004	2,010,295.69	2,007,622.69	2,673.00	99.87%
2003	1,863,011.08	1,860,553.66	2,457.42	99.87%
2002	1,743,166.99	1,742,780.89	386.10	99.98%
2001	1,705,006.18	1,704,772.45	233.73	99.99%
2000	1,630,288.09	1,630,151.22	136.87	99.99%
1999	1,482,019.84	1,481,978.10	41.74	100.00%
1998	1,346,040.98	1,345,882.41	158.57	99.99%
1997	1,218,889.39	1,218,854.71	34.68	100.00%
1996	1,156,053.10	1,156,021.00	32.10	100.00%
1995	1,130,565.24	1,130,545.88	19.36	100.00%
1994	1,124,058.85	1,124,058.85	0.00	100.00%
1993	1,075,288.28	1,075,288.28	0.00	100.00%
1992	1,056,792.83	1,056,792.83	0.00	100.00%
1991	1,062,453.27	1,062,453.27	0.00	100.00%
1990	918,308.87	918,308.87	0.00	100.00%
1989	894,403.45	894,403.45	0.00	100.00%
1988	856,779.83	856,779.83	0.00	100.00%
1987	853,204.06	853,204.06	0.00	100.00%
1986	857,037.29	857,037.29	0.00	100.00%
1985	793,674.23	793,674.23	0.00	100.00%
1984	760,460.05	760,460.05	0.00	100.00%
1982	<u>561,303.52</u>	<u>561,303.52</u>	<u>0.00</u>	<u>100.00%</u>
Totals	<u>\$76,070,042.12</u>	<u>\$75,817,745.10</u>	<u>\$252,297.02</u>	<u>99.67%</u>

Harris County Municipal Utility District Number 109

Tax Collector's Report Taxes Receivable Summary as of May 31, 2024

Tax Roll Information

<u>Year</u>	<u>Taxable Value</u>	<u>Annual Change</u>	<u>Debt Tax Rate</u>	<u>Maintenance Tax Rate</u>	<u>Total Tax Rate</u>	<u>Exemptions</u>
2023	899,443,593	12.01%	0.23000	0.21000	0.44000	25,000 O/D
2022	803,017,804	14.00%	0.25000	0.22000	0.47000	25,000 O/D
2021	704,424,978	6.85%	0.29000	0.19000	0.48000	25,000 O/D
2020	659,267,550	2.70%	0.31500	0.16500	0.48000	25,000 O/D
2019	641,962,199	8.21%	0.32000	0.16000	0.48000	25,000 O/D
2018	593,228,582	2.44%	0.36000	0.13000	0.49000	10,000 O/D
2017	579,121,338	7.22%	0.36000	0.14000	0.50000	10,000 O/D
2016	540,136,676	9.13%	0.41000	0.11000	0.52000	10,000 O/D
2015	494,944,745	11.81%	0.39000	0.13000	0.52000	10,000 O/D
2014	442,648,062	9.74%	0.39000	0.13000	0.52000	10,000 O/D
2013	403,370,606	1.26%	0.42000	0.10000	0.52000	10,000 O/D
2012	398,369,066	-2.37%	0.42000	0.10000	0.52000	10,000 O/D
2011	408,021,927	-0.80%	0.42000	0.10000	0.52000	10,000 O/D
2010	411,326,061	-1.01%	0.42000	0.10000	0.52000	10,000 O/D
2009	415,504,618	0.87%	0.42000	0.10000	0.52000	10,000 O/D
2008	411,931,758	2.74%	0.42000	0.10000	0.52000	10,000 O/D
2007	400,957,245	6.48%	0.42000	0.10000	0.52000	10,000 O/D
2006	376,557,265	2.83%	0.46000	0.10000	0.56000	10,000 O/D
2005	366,208,721	9.30%	0.50000	0.10000	0.60000	10,000 O/D
2004	335,049,282	7.91%	0.50000	0.10000	0.60000	10,000 O/D
2003	310,501,847	6.88%	0.50000	0.10000	0.60000	10,000 O/D
2002	290,527,832	5.63%	0.50000	0.10000	0.60000	10,000 O/D
2001	275,035,288	9.50%	0.52000	0.10000	0.62000	10,000 O/D
2000	251,170,142	15.23%	0.57367	0.07547	0.64914	10,000 O/D
1999	217,977,950	10.11%	0.60460	0.07540	0.68000	10,000 O/D
1998	197,957,174	10.43%	0.63000	0.05000	0.68000	10,000 O/D
1997	179,258,410	3.88%	0.63000	0.05000	0.68000	10,000 O/D
1996	172,555,210	2.26%	0.62000	0.05000	0.67000	10,000 O/D
1995	168,741,080	2.08%	0.62000	0.05000	0.67000	10,000 O/D
1994	165,302,770	4.54%	0.63000	0.05000	0.68000	10,000 O/D
1993	158,130,630	3.99%	0.63000	0.05000	0.68000	10,000 O/D
1992	152,056,520	-0.53%	0.64500	0.05000	0.69500	10,000 O/D
1991	152,870,970	6.44%	0.64500	0.05000	0.69500	10,000 O/D
1990	143,620,410	4.37%	0.58940	0.05000	0.63940	10,000 O/D
1989	137,600,530	4.39%	0.60000	0.05000	0.65000	10,000 O/D
1988	131,812,280	0.42%	0.60000	0.05000	0.65000	10,000 O/D
1987	131,262,160	-8.11%	0.60000	0.05000	0.65000	10,000 O/D
1986	142,839,550	-1.02%	0.55000	0.05000	0.60000	10,000 O/D
1985	144,304,410	4.37%	0.50000	0.05000	0.55000	10,000 O/D
1984	138,265,460	-1.22%	0.50000	0.05000	0.55000	10,000 O/D
1982	139,975,940	0.00%	0.35100	0.05000	0.40100	10,000 O/D

Harris County Municipal Utility District Number 109

Tax Collector's Report Tax Collections for May, 2024

<u>Property Owner</u>	<u>Account No</u>	<u>Tax Amount</u>	<u>Pen & Int</u>	<u>Atty/Cost</u>	<u>Overpaid</u>	<u>Total Pmt</u>
2023 Tax Collections:						
Various Accounts	71 Accounts	\$101,087.22	\$7,432.52	\$1,232.37	\$12,251.43	\$122,003.54
Hayward Pauline	114-139-015-0004	<u>668.31</u>	<u>86.88</u>	<u>0.00</u>	<u>191.14</u>	<u>946.33</u>
Total 2023 Tax Collections		<u>101,087.22</u>	<u>7,432.52</u>	<u>1,232.37</u>	<u>12,251.43</u>	<u>122,003.54</u>
2022 Tax Collections:						
Thomas Teresa N	113-133-000-0005	\$117.50	\$22.33	\$27.97	\$0.00	\$167.80
Gloria Simon & Maria	113-135-000-0013	319.02	86.13	81.03	0.00	486.18
Williams Joshua	138-348-001-0003	<u>162.76</u>	<u>45.57</u>	<u>41.67</u>	<u>0.00</u>	<u>250.00</u>
Total 2022 Tax Collections		<u>\$599.28</u>	<u>\$154.03</u>	<u>\$150.67</u>	<u>\$0.00</u>	<u>\$903.98</u>
2019 Tax Collections:						
Geibe Virginia	114-139-015-0004	<u>\$477.24</u>	<u>\$305.44</u>	<u>\$156.53</u>	<u>\$0.00</u>	<u>\$939.21</u>
Total 2019 Tax Collections		<u>\$477.24</u>	<u>\$305.44</u>	<u>\$156.53</u>	<u>\$0.00</u>	<u>\$939.21</u>

Summary of Other Collections	<u>\$7,891.99</u>	<u>\$1,539.57</u>	<u>\$12,251.43</u>	\$123,846.73
Interest Earnings				<u>177.65</u>
Total Collected during Month				<u>\$124,024.38</u>

Harris County Municipal Utility District Number 109

Tax Collector's Report Taxes Receivable Detail as of May 31, 2024

Property Owner	Account No.	2022 Tax	2021 Tax	2020 Tax	2019 Tax	Prior Yrs
Exchange Church Houston	043-206-000-0195	\$0.00	\$0.00	\$816.49	\$0.00	\$0.00
D:Vineyard Travis & Danell	102-065-000-0007	687.55	627.44	559.49	552.96	3,892.50
D:Gaddis John M	102-068-000-0021	793.57	725.87	648.97	758.83	0.00
D:Catlin Steven L	102-069-000-0004	113.27	107.77	97.98	89.07	77.52
Ochoa Ramiro & Patricia	102-072-000-0007	1,837.69	0.00	0.00	0.00	0.00
P:Hodge Jerry David	108-488-000-0003	852.07	167.44	0.00	0.00	0.00
Murray Keiunta L	108-489-000-0011	868.34	795.29	728.43	0.00	0.00
P:Deauquier II Lloyd & Lisa	108-492-000-0031	489.97	0.00	0.00	0.00	0.00
Q:Lee Mary	108-494-000-0018	205.58	0.00	0.00	0.00	0.00
Lackey Marvin F	108-495-000-0002	858.21	0.00	0.00	0.00	0.00
D:Wilson Dewey M	108-497-000-0032	742.43	678.39	620.57	603.40	2,753.27
D:Key Lenora J	109-142-000-0001	710.14	599.32	539.39	484.90	484.28
Daluc Corporation	109-142-000-0006	428.85	0.00	0.00	0.00	0.00
Q:Kelly Shirley A	109-142-000-0006	143.84	0.00	0.00	0.00	0.00
D:Cartwright Ed & Diane	109-142-000-0034	649.33	591.96	591.09	526.44	4,660.72
D:Brokaw Sharon	109-144-000-0002	597.88	544.19	0.00	444.96	1,485.79
Chaney Allison K	110-749-000-0019	714.88	0.00	0.00	0.00	0.00
S:Carlile Rod	110-750-000-0050	830.33	687.13	700.92	0.00	0.00
S:Deyle Kurt	111-527-000-0010	797.18	740.13	672.85	611.68	234.17
Rodriguez Gregorio & Maria	111-528-000-0010	707.89	0.00	0.00	0.00	0.00
D:Curry Arthur W & Sharon	113-133-000-0008	0.00	406.50	0.00	0.00	0.00
Wade James Jr	113-135-000-0015	851.70	0.00	0.00	0.00	0.00
Swareman Linda	113-135-000-0019	927.07	0.00	0.00	0.00	0.00
Ruiz John	113-136-000-0003	335.53	0.00	0.00	0.00	0.00
D:Sanchez Olga	113-142-000-0043	530.39	245.73	0.00	0.00	0.00
Bjornaas Kevin Estate of	114-139-009-0007	912.59	0.00	0.00	0.00	0.00
S:Jackson Keshell	114-139-009-0015	817.46	758.96	717.52	652.30	1,858.14
Chicosky Gregory P	114-139-010-0017	0.00	0.00	0.00	563.41	0.00
D:Paxton Roy C & Debbie M	114-139-010-0036	512.86	465.25	429.28	379.35	188.48
S:Lacour Carey L & Vanita	114-139-013-0053	875.35	739.39	688.33	0.00	0.00
D:Gonzalez Virginia	114-139-015-0003	654.28	596.54	547.43	487.49	1,015.53
McMahan Thomas L	114-139-018-0001	728.34	0.00	0.00	0.00	0.00
Walton Gregory L	114-350-014-0012	617.06	561.99	0.00	0.00	0.00
Blow Cheryl	114-350-015-0118	0.00	0.00	0.00	0.00	2,093.63
D:Harris Virginia B	114-350-016-0083	1,040.89	955.49	869.22	855.21	5,810.72
Delk Leroy	114-350-016-0087	1,008.65	0.00	0.00	0.00	0.00
D:Knight Chris & Terry	115-511-019-0012	1,248.22	1,147.98	1,032.72	0.00	0.00
S:Mitchem Anna M	115-511-021-0036	0.00	0.00	0.00	0.00	258.74
Rosques Sandra P	116-276-000-0580	0.00	0.00	0.00	2,976.58	0.00
Weeks Jennifer Michelle	118-705-001-0027	1,214.83	0.00	0.00	0.00	0.00
Q:Davis Susan	118-705-003-0002	256.09	0.00	0.00	0.00	0.00
Marendes David K & Joyce	119-848-002-0024	0.00	121.99	0.00	0.00	0.00
Holley Guniganti Kings	120-416-002-0007	26.28	26.84	0.00	0.00	0.00
Jones Iris J & Rodney C	123-226-001-0005	1,109.96	0.00	0.00	0.00	0.00
P:Williams Joshua	138-348-001-0003	220.94	0.00	0.00	0.00	0.00
Allstate Insurance	0435798	53.71	0.00	0.00	0.00	0.00
Wheels LT	0959495	76.62	0.00	0.00	0.00	0.00
Sammy S Total Image Salo	2063987	41.18	0.00	0.00	0.00	0.00
Digital Professionals Comp	2064780	21.69	21.63	21.63	21.63	157.21
B & L Capital Inc	2154083	19.57	19.99	20.08	15.90	230.50
Kevin R Culp	2157330	38.56	41.58	43.58	43.58	457.58
S:Dupree Express Trucking	2172915	539.88	86.07	86.07	86.07	941.51
ARC Insurance Agency	2209050	42.84	43.75	43.75	43.75	185.01
S:James Lewis	2213148	191.81	16.57	24.50	31.25	338.25
RB Mobile Repair	2274611	88.67	0.00	0.00	0.00	0.00
Phones-R-Us Inc	2289501	55.42	54.29	54.29	54.29	54.59
Tomas A Arden Landaverde	2313791	513.69	85.23	0.00	0.00	0.00

Harris County Municipal Utility District Number 109

Tax Collector's Report Taxes Receivable Detail as of May 31, 2024

Property Owner	Account No.	2022 Tax	2021 Tax	2020 Tax	2019 Tax	Prior Yrs
VFS LLC	2322209	331.33	0.00	0.00	0.00	0.00
Serenty Health Services LL	2337347	25.00	30.91	40.32	0.00	0.00
Gabriel Martinez	2338191	94.75	96.76	0.00	0.00	0.00
HK Granite & Cabinet Inc	2342853	61.79	0.00	0.00	0.00	0.00
Sophia Massage	2342875	27.26	0.00	0.00	0.00	0.00
Amfah Investments LLC	2343023	148.38	210.67	175.29	0.00	0.00
Spoiled Mutts	2343180	88.38	90.26	90.26	0.00	0.00
My house Barber Shop	2343201	16.18	0.00	0.00	0.00	0.00
Di Maria Fresh Food	2343249	107.63	121.47	0.00	0.00	0.00
Fresh Ink Media Group	2344047	53.78	54.92	54.92	0.00	0.00
The Kut Factory	2344116	29.22	0.00	0.00	0.00	0.00
BI Massage	2344399	16.60	0.00	0.00	0.00	0.00
Adorn Tattoo	2344404	18.02	18.40	18.40	0.00	0.00
Cobos BBQ LLC	2352871	144.77	146.40	146.40	0.00	0.00
All Me Hotshot Logistics	2353748	72.57	87.38	0.00	0.00	0.00
S:lsmeal Anaya	2363334	362.76	226.80	287.85	0.00	0.00
Tith Transport Inc	2375231	100.46	0.00	0.00	0.00	0.00
Lit Up Smoke Shop	2379414	186.46	0.00	0.00	0.00	0.00
Fleet Clean Inc	2384334	111.47	0.00	0.00	0.00	0.00
Audio-Visual Media Inc	2387261	53.35	0.00	0.00	0.00	0.00
Michael Lloyd Harris	2387430	167.09	0.00	0.00	0.00	0.00
Nikola Gajuc MD	2390168	127.16	0.00	0.00	0.00	0.00
Sheila Freighthan	2390580	51.12	0.00	0.00	0.00	0.00
Roberto Izquierdo Peraza	2391689	443.40	0.00	0.00	0.00	0.00
Andres Balp	2392979	39.55	0.00	0.00	0.00	0.00
Prior Years Personal Property		21.61	195.10	779.54	851.02	26,991.12
Total Receivable		<u>\$31,501.22</u>	<u>\$13,939.77</u>	<u>\$12,147.56</u>	<u>\$11,134.07</u>	<u>46,554.95</u>



MUNICIPAL ACCOUNTS
& CONSULTING, L.P.

Bookkeeper's Report | June 18, 2024

Harris County Municipal Utility District No. 109

Exhibit D



WEBSITE

www.municipalaccounts.com



ADDRESS

1281 Brittmoore Road
Houston, Texas 77043



CONTACT

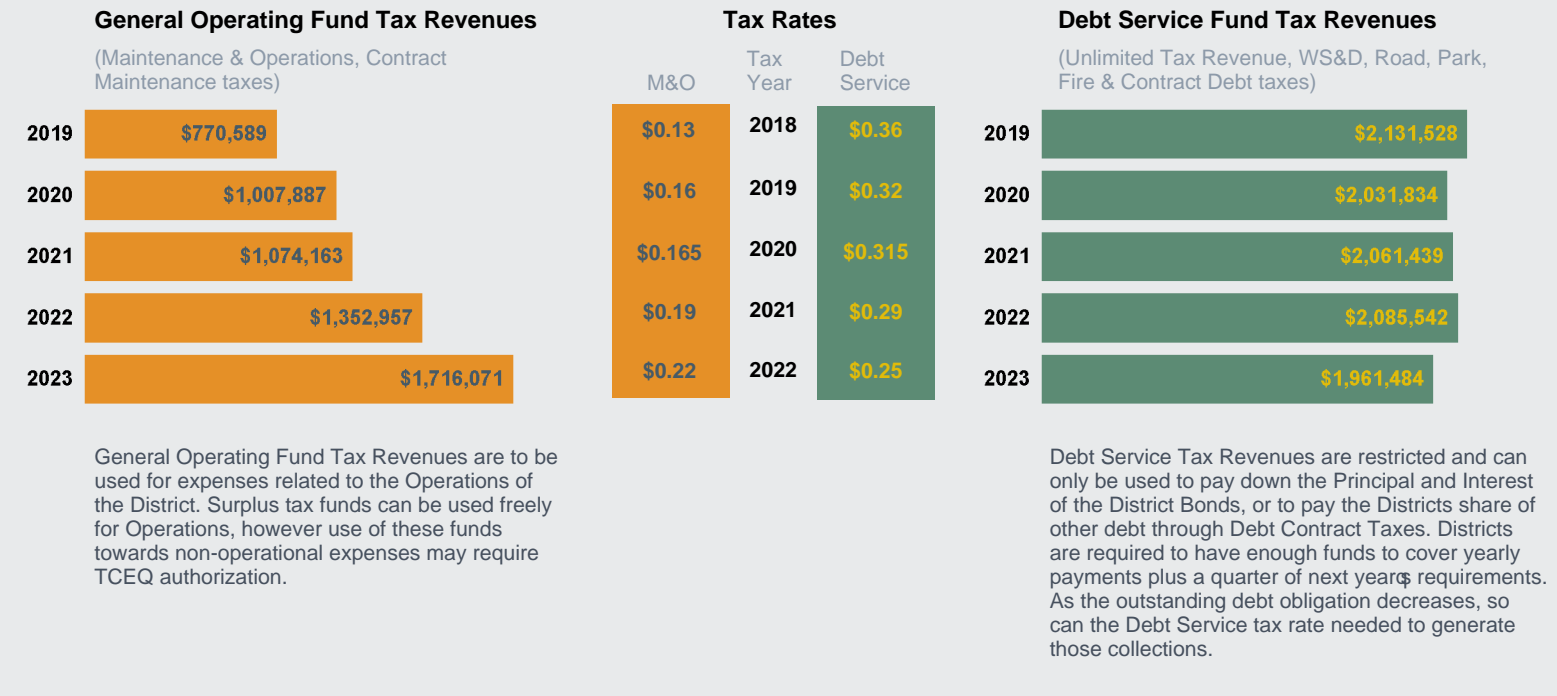
Phone: 713.623.4539
Fax: 713.629.6859

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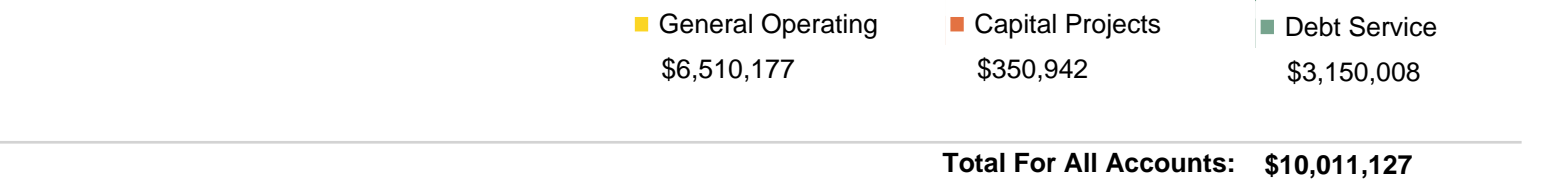


Spotlight On Property Tax Revenues

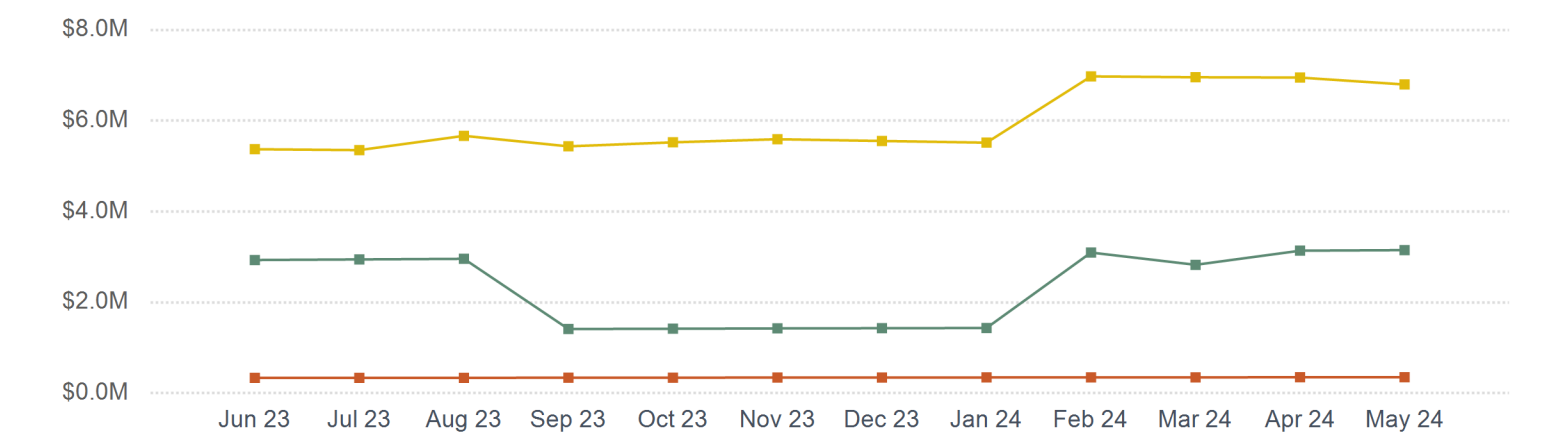
The majority of Special Purpose Districts levy at least two different tax rates: Maintenance & Operations and Debt Service. Other tax rates may include Road, Park, Fire, Contract Debt and Contract Maintenance taxes. Many people wonder what these revenues can be used for, if there are restrictions on them, and if so, what are they?



Account Balance | As of 06/18/2024



Account Balance By Month | June 2023 - May 2024



Monthly Financial Summary - General Operating Fund

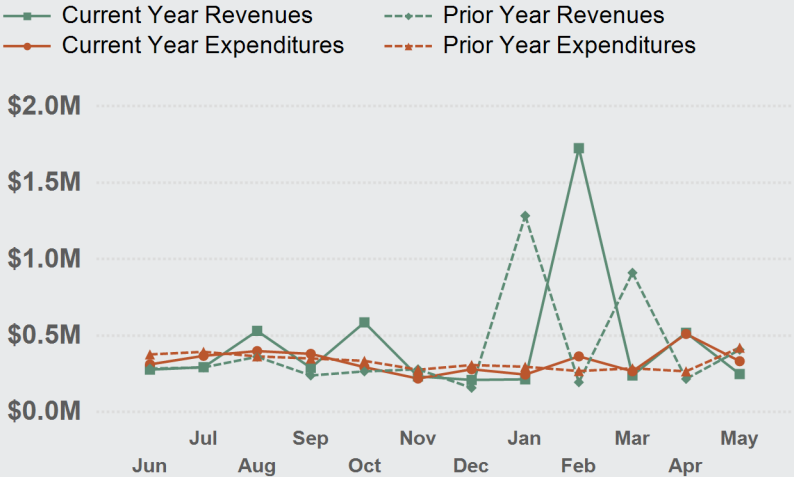
Harris County MUD No. 109 - GOF



Account Balance Summary

Balance as of 05/22/2024	\$6,467,211
Receipts	520,285
Disbursements	(477,320)
Balance as of 06/18/2024	\$6,510,177

Overall Revenues & Expenditures By Month (Year to Date)



May 2024

Revenues

Actual	Budget	Over/(Under)
\$248,472	\$298,221	(\$49,749)

Expenditures

Actual	Budget	Over/(Under)
\$332,928	\$1,367,095	(\$1,034,167)

June 2023 - May 2024 (Year to Date)

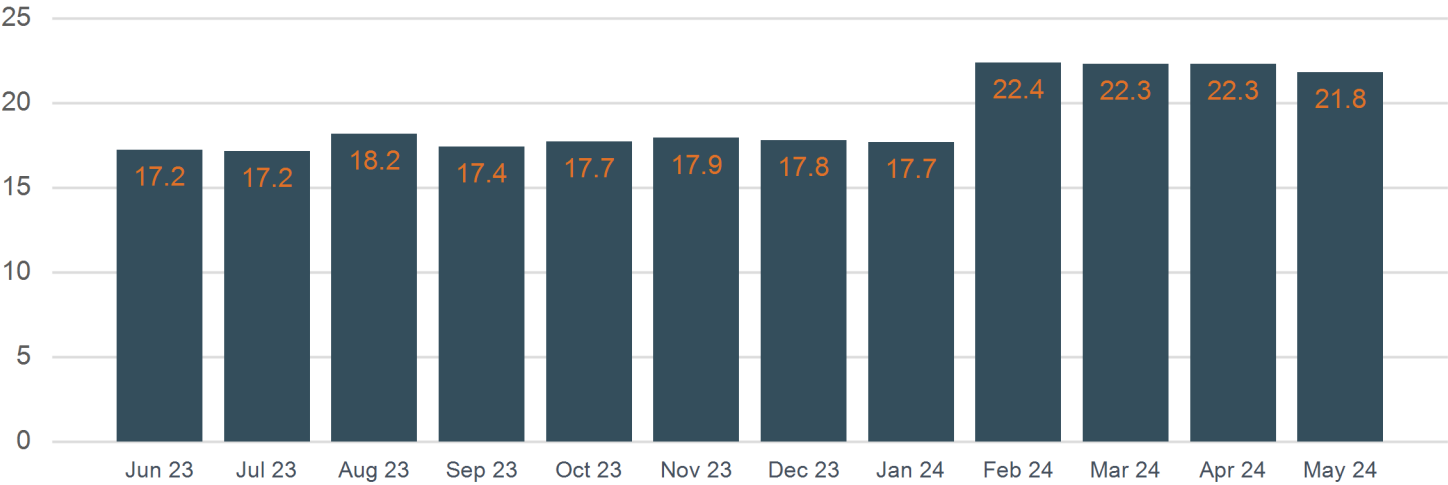
Revenues

Actual	Budget	Over/(Under)
\$5,369,482	\$4,902,159	\$467,323

Expenditures

Actual	Budget	Over/(Under)
\$3,975,013	\$4,841,776	(\$866,763)

Operating Fund Reserve Coverage Ratio (In Months)



Cash Flow Report - Checking Account

Harris County MUD No. 109 - GOF



Number	Name	Memo	Amount	Balance
--------	------	------	--------	---------

Balance as of 05/22/2024 **\$4,584.48**

Receipts

HC 151 Water Supply	3,454.60
AJOB Insurance Reimbursement	108,042.00
Interest Earned on Checking	127.02
Sweep from Lockbox Account	157,167.05
Insurance Overpayment Refund	2,020.00
City of Houston - Sales Tax Rebate	8,255.79
Wire Transfer from Money Market	20,000.00

Total Receipts **\$299,066.46**

Disbursements

16644	Centerpoint Energy	VOID: Utilities Expense	0.00
16747	Centerpoint Energy	Utilities Expense	(630.88)
16748	Cheryl C. Moore	Fees of Office - 06/18/2024	(204.10)
16749	Chris Green	Fees of Office - 06/18/2024	(204.10)
16750	Nancy Frank	Fees of Office - 06/18/2024	(204.09)
16751	Owen H. Parker	Fees of Office - 06/18/2024	(204.09)
16752	Robin Sulpizio	Fees of Office - 06/18/2024	(204.09)
16753	Cheryl C. Moore	Expense	(29.95)
16754	Chris Green	Fees of Office - 06/03/2024 & Expense	(268.38)
16755	Nancy Frank	Expense	(86.26)
16756	Owen H. Parker	Fees of Office - 06/03/2024 & Expense	(244.10)
16757	Robin Sulpizio	Expense	(113.63)
16758	Alonzo Marroquin, Jr	Customer Refund	(70.52)
16759	Bridget Allen	Customer Refund	(8.92)
16760	Calvin Chau	Customer Refund	(168.13)
16761	Cherish Group, LLC	Customer Refund	(156.82)
16762	Cheryl Ortiz	Customer Refund	(19.96)
16763	Clarence Batiste	Customer Refund	(41.05)
16764	Dennis R Carheel	Customer Refund	(149.52)
16765	Hon JV III Titleholder, LLC.	Customer Refund	(217.50)
16766	Isabelle Grace Hargrave	Customer Refund	(184.02)
16767	Ivy Nguyen	Customer Refund	(178.52)
16768	Keisha Jones	Customer Refund	(459.22)
16769	Legacy Property Management LLC	Customer Refund	(188.26)
16770	Michael White	Customer Refund	(47.20)
16771	Monica Garcia	Customer Refund	(211.66)
16772	Norris Dendy	Customer Refund	(100.68)
16773	Opendoor Labs, Inc	Customer Refund	(339.26)
16774	Shannon Fairchild	Customer Refund	(99.07)
16775	Specialized Property Mgmt, Inc.	Customer Refund	(183.34)
16776	Thi Thu An Tra	Customer Refund	(28.51)

Cash Flow Report - Checking Account

Harris County MUD No. 109 - GOF



Number	Name	Memo	Amount	Balance
Disbursements				
16777	Tommy Smith	Customer Refund	(89.07)	
16778	Arbitrage Compliance Specialists Inc.	Arbitrage Expense	(370.00)	
16779	Atascocita Joint Operations Board	Schedule B & C Costs	(70,618.80)	
16780	BGE, Inc.	Engineering Fees	(14,413.45)	
16781	CDC Unlimited, LLC	Mowing Expense	(3,696.00)	
16782	DSHS Central Lab MC2004	Laboratory Expense	(424.00)	
16783	G-M Inspection Services, Inc.	Well Performance Test	(1,150.00)	
16784	GFL Environmental	Garbage Expense	(342.07)	
16785	Harris County Treasurer	Patrol Services	(20,370.00)	
16786	Hawkins, Inc	Chemicals Expense	(6,120.00)	
16787	Hudson Energy	Utilities Expense	(11,010.08)	
16788	Municipal Accounts & Consulting, L.P.	Bookkeeping Fees	(5,806.68)	
16789	NHCRWA	Water Authority Fees	(84,931.55)	
16790	Norton Rose Fulbright US LLP	Legal Fees	(1,363.00)	
16791	Oaks of Atascocita Community Improvement	Security Contribution - HOA	(3,750.00)	
16792	Peltier Brothers Construction, LLC	Pay Est. No. 3 - Barents Dr. Lift Station	(31,050.00)	
16793	PVS DX, Inc	Chemicals Expense	(706.01)	
16794	Texas State Comptroller	Unclaimed Property	(3,538.59)	
16795	Water Utility Services, Inc.	Laboratory Fees	(440.00)	
16796	WWWMS	Maintenance and Operations	(32,352.48)	
16797	Brightspeed	Telephone Expense	0.00	
16798	Centerpoint Energy	Utilities Expense	0.00	
Svc Chrg	Central Bank	Service Charge	(5.00)	
Total Disbursements			(\$297,792.61)	
Balance as of 06/18/2024				\$5,858.33

Cash Flow Report - Operator Account

Harris County MUD No. 109 - GOF



Number	Name	Memo	Amount	Balance
Balance as of 05/22/2024				\$114,426.45
Receipts				
	Accounts Receivable		69,582.36	
	Accounts Receivable		124,753.52	
Total Receipts				\$194,335.88
Disbursements				
Ret Ck	Central Bank	Customer Returned Checks (6)	(447.99)	
Svc Chrg	Central Bank	Service Charge	(5.00)	
Sweep	Harris County MUD 109	Transfer to Checking Account	(157,167.05)	
WS	WWWMS	Deposit Error	(1,907.20)	
Total Disbursements				(\$159,527.24)
Balance as of 06/18/2024				\$149,235.09

Actual vs. Budget Comparison

Harris County MUD No. 109 - GOF



		May 2024			June 2023 - May 2024			
		Actual	Budget	Over/ (Under)	Actual	Budget	Over/ (Under)	Annual Budget
Revenues								
Water Revenue								
14101	Water- Customer Service Revenue	48,828	57,300	(8,472)	586,456	573,000	13,456	573,000
14102	Surface Water - Reserve	85,002	141,870	(56,868)	1,151,321	1,418,700	(267,379)	1,418,700
14103	Capital Contribution Credit-NHC	12,261	0	12,261	147,135	0	147,135	0
14105	Connection Fees	2,425	2,583	(158)	26,950	31,000	(4,050)	31,000
14108	Water Sales to HC 151	771	1,168	(397)	12,114	13,500	(1,386)	13,500
Total Water Revenue		149,287	202,921	(53,634)	1,923,976	2,036,200	(112,224)	2,036,200
Wastewater Revenue								
14201	Wastewater-Customer Service Rev	53,774	54,950	(1,176)	646,785	659,400	(12,615)	659,400
Total Wastewater Revenue		53,774	54,950	(1,176)	646,785	659,400	(12,615)	659,400
Property Tax Revenue								
14301	Maintenance Tax Collections	0	0	0	1,956,331	1,722,365	233,966	1,722,365
Total Property Tax Revenue		0	0	0	1,956,331	1,722,365	233,966	1,722,365
Sales Tax Revenue								
14401	COH Rebate	7,751	8,108	(357)	99,663	97,300	2,363	97,300
Total Sales Tax Revenue		7,751	8,108	(357)	99,663	97,300	2,363	97,300
Tap Connection Revenue								
14501	Tap Connections	0	1,250	(1,250)	1,705	15,000	(13,295)	15,000
14502	Inspection Fees	801	817	(16)	10,362	9,800	562	9,800
Total Tap Connection Revenue		801	2,067	(1,266)	12,067	24,800	(12,733)	24,800
Administrative Revenue								
14702	Penalties & Interest	7,798	7,908	(111)	93,240	94,900	(1,660)	94,900
Total Administrative Revenue		7,798	7,908	(111)	93,240	94,900	(1,660)	94,900
Interest Revenue								
14801	Interest Earned on Checking	127	200	(73)	1,799	2,400	(601)	2,400
14802	Interest Earned on Temp. Invest	26,883	22,008	4,875	294,568	264,094	30,474	264,094
Total Interest Revenue		27,010	22,208	4,802	296,367	266,494	29,873	266,494
Other Revenue								
15801	Miscellaneous Income	2,051	58	1,993	341,054	700	340,354	700
Total Other Revenue		2,051	58	1,993	341,054	700	340,354	700
Total Revenues		248,472	298,221	(49,749)	5,369,482	4,902,159	467,323	4,902,159
Expenditures								
Water Service								
16102	Operations - Water	9,335	9,650	(315)	113,970	115,800	(1,830)	115,800

Actual vs. Budget Comparison

Harris County MUD No. 109 - GOF



		May 2024			June 2023 - May 2024			
		Actual	Budget	Over/ (Under)	Actual	Budget	Over/ (Under)	Annual Budget
Expenditures								
Water Service								
16105	Maintenance & Repairs - Water	10,069	33,333	(23,265)	290,978	400,000	(109,022)	400,000
16107	Chemicals - Water	7,218	6,333	885	80,684	76,000	4,684	76,000
16108	Laboratory Expense - Water	1,174	658	516	9,161	7,900	1,261	7,900
16109	Mowing - Water	698	1,125	(428)	12,394	13,500	(1,106)	13,500
16110	Utilities - Water	8,391	9,083	(693)	110,489	109,000	1,489	109,000
16111	Reconnections	865	925	(60)	10,575	11,100	(525)	11,100
16112	Disconnection Expense	420	425	(5)	4,320	5,100	(780)	5,100
16113	Service Account Collection	2,098	2,617	(519)	26,311	31,400	(5,089)	31,400
16114	Telephone Expense - Water	459	483	(24)	5,024	5,800	(776)	5,800
16116	Permit Expense - Water	0	658	(658)	7,666	7,900	(234)	7,900
16117	TCEQ Regulatory Expense - Water	0	0	0	1,832	3,081	(1,249)	3,081
16118	Surface Water Fee	97,193	156,220	(59,027)	1,313,382	1,562,200	(248,818)	1,562,200
Total Water Service		137,919	221,512	(83,593)	1,986,786	2,348,781	(361,995)	2,348,781
Wastewater Service								
16202	Operations - Wastewater	1,979	2,400	(421)	27,157	28,800	(1,643)	28,800
16204	Purchase Wastewater Service	33,669	41,800	(8,131)	361,592	501,600	(140,008)	501,600
16205	Maint & Repairs - Wastewater	6,113	15,717	(9,604)	191,869	188,600	3,269	188,600
16207	Chemicals - Wastewater	0	392	(392)	331	4,700	(4,369)	4,700
16208	Laboratory Fees - Wastewater	0	233	(233)	530	2,800	(2,270)	2,800
16209	Mowing - Wastewater	698	967	(269)	11,458	11,600	(142)	11,600
16210	Utilities - Lift Station	2,919	2,225	694	25,732	26,700	(968)	26,700
16214	Telephone Expense - Wastewater	442	458	(16)	5,784	5,500	284	5,500
16217	TCEQ Regulatory Exp-Wastewater	0	0	0	1,832	3,081	(1,249)	3,081
Total Wastewater Service		45,819	64,192	(18,372)	626,285	773,381	(147,096)	773,381
Garbage Service								
16301	Garbage Expense	342	1,147	(805)	8,110	13,764	(5,654)	13,764
Total Garbage Service		342	1,147	(805)	8,110	13,764	(5,654)	13,764
Storm Water Quality								
16404	Detention Pond Mowing	1,534	0	1,534	8,437	0	8,437	0
Total Storm Water Quality		1,534	0	1,534	8,437	0	8,437	0
Tap Connection								
16501	Tap Connection Expense	0	583	(583)	2,625	7,000	(4,375)	7,000
16502	Inspection Expense	0	1,158	(1,158)	13,196	13,900	(704)	13,900
Total Tap Connection		0	1,742	(1,742)	15,821	20,900	(5,079)	20,900
Administrative Service								
16703	Legal Fees	0	5,283	(5,283)	84,494	63,400	21,094	63,400

Actual vs. Budget Comparison

Harris County MUD No. 109 - GOF



				May 2024		June 2023 - May 2024				
				Actual	Budget	Over/ (Under)	Actual	Budget	Over/ (Under)	Annual Budget
Expenditures										
Administrative Service										
16705	Auditing Fees			0	0	0	18,500	18,000	500	18,000
16706	Engineering Fees			7,738	6,667	1,072	80,720	80,000	720	80,000
16709	Election Expense			0	833	(833)	0	10,000	(10,000)	10,000
16710	Website Expense			0	75	(75)	910	900	10	900
16712	Bookkeeping Fees			5,486	3,920	1,566	55,504	56,000	(496)	56,000
16713	Legal Notices & Other Publ.			0	0	0	846	0	846	0
16714	Printing & Office Supplies			2,500	2,525	(25)	29,551	30,300	(749)	30,300
16716	Delivery Expense			30	25	5	459	300	159	300
16717	Postage			50	58	(8)	686	700	(14)	700
16718	Insurance & Surety Bond			42,268	39,900	2,368	42,268	39,900	2,368	39,900
16719	AWBD Expense			0	0	0	2,320	13,200	(10,880)	13,200
16722	Bank Service Charges			10	92	(82)	320	1,100	(780)	1,100
16723	Travel Expense			15	117	(102)	383	1,400	(1,017)	1,400
16727	Arbitrage Expense			370	1,000	(630)	370	3,250	(2,880)	3,250
16728	Record Storage Fees			40	33	6	530	400	130	400
Total Administrative Service				58,507	60,528	(2,022)	317,861	318,850	(989)	318,850
Security Service										
16801	Security Patrol Expense			24,120	19,708	4,412	274,310	236,500	37,810	236,500
16802	Security Monitoring			0	92	(92)	12,979	1,100	11,879	1,100
Total Security Service				24,120	19,800	4,320	287,289	237,600	49,689	237,600
Payroll Expense										
17101	Payroll Expenses			2,141	2,083	58	20,418	25,000	(4,582)	25,000
Total Payroll Expense				2,141	2,083	58	20,418	25,000	(4,582)	25,000
Other Expense										
17802	Miscellaneous Expense			286	292	(6)	3,611	3,500	111	3,500
Total Other Expense				286	292	(6)	3,611	3,500	111	3,500
Total Expenditures				270,667	371,295	(100,628)	3,274,618	3,741,776	(467,158)	3,741,776
Total Revenues (Expenditures)				(22,196)	(73,074)	50,879	2,094,864	1,160,383	934,481	1,160,383

Other Expenditures

Capital Outlay						
17901 Capital Outlay						
17901a Capital Outlay - General	0	0	28,922	0	28,922	0
17901b Capital Outlay - AJOB	21,866	0	262,389	50,000	212,389	50,000
17901c WP 1 Well Rehab	0	195,800	4,200	200,000	(195,800)	200,000
17901d WP 1 Electrical Improvements	0	250,000	0	250,000	(250,000)	250,000

Actual vs. Budget Comparison

Harris County MUD No. 109 - GOF



	May 2024			June 2023 - May 2024			Annual Budget
	Actual	Budget	Over/ (Under)	Actual	Budget	Over/ (Under)	
Other Expenditures							
Capital Outlay							
17901e WP 1 GST 1 Replacement	2,000	250,000	(248,000)	2,000	250,000	(248,000)	250,000
17901f HC 46 Water Interconnect	0	50,000	(50,000)	0	50,000	(50,000)	50,000
17901g Manhole Valve Rehab	0	250,000	(250,000)	0	250,000	(250,000)	250,000
Total Capital Outlay	23,866	995,800	(971,934)	297,511	1,050,000	(752,489)	1,050,000
17904 Capital Outlay - Barents Dr L/S	38,395	0	38,395	402,884	50,000	352,884	50,000
Total Capital Outlay	62,261	995,800	(933,539)	700,395	1,100,000	(399,605)	1,100,000
Total Other Expenditures	62,261	995,800	(933,539)	700,395	1,100,000	(399,605)	1,100,000
Total Other Revenues (Expenditures)	(62,261)	(995,800)	933,539	(700,395)	(1,100,000)	399,605	(1,100,000)
Excess Revenues (Expenditures)	(84,457)	(1,068,874)	984,418	1,394,469	60,383	1,334,086	60,383

Balance Sheet as of 05/31/2024

Harris County MUD No. 109 - GOF



Assets

Bank

11101 Cash in Bank	\$275,390
11102 Operator	149,235
Total Bank	\$424,625

Investments

11201 Time Deposits	\$6,375,083
Total Investments	\$6,375,083

Receivables

11301 Accounts Receivable	\$228,239
11303 Maintenance Tax Receivable	105,651
11305 Accrued Interest	5,684
11306 Due From COH	26,752
11308 Due From Others	1,907
Total Receivables	\$368,234

Interfund Receivables

11403 Due From Tax Account	\$550,797
Total Interfund Receivables	\$550,797

Reserves

11601 Reserve in A.C.P.	\$350,913
Total Reserves	\$350,913

Prepays

11704 Prepaid Security Patrol	\$40,740
Total Prepays	\$40,740

Total Assets

\$8,110,392

Liabilities & Equity

Liabilities

Accounts Payable

12101 Accounts Payable	\$193,443
12102 Payroll Liabilities	541
Total Accounts Payable	\$193,984

Other Current Liabilities

12201 Unclaimed Property	\$3,539
12204 Retainage Payable	38,245
Total Other Current Liabilities	\$41,784

Deferrals

12502 Deferred Taxes	\$105,651
Total Deferrals	\$105,651

Balance Sheet as of 05/31/2024

Harris County MUD No. 109 - GOF



Liabilities & Equity

Liabilities		
Deposits		
12601	Customer Meter Deposits	\$307,639
12606	Zimmerman Properties - 9 acre	503
12607	Madden Tract	172
12608	Woodland Hills Annexation	4,220
Total Deposits		\$312,535
Total Liabilities		\$653,954
Equity		
Unassigned Fund Balance		
13101	Unallocated Fund Balance	\$6,061,970
Total Unassigned Fund Balance		\$6,061,970
Net Income		\$1,394,469
Total Equity		\$7,456,439
Total Liabilities & Equity		\$8,110,392

Monthly Financial Summary - Capital Projects Fund

Harris County MUD No. 109 - CPF

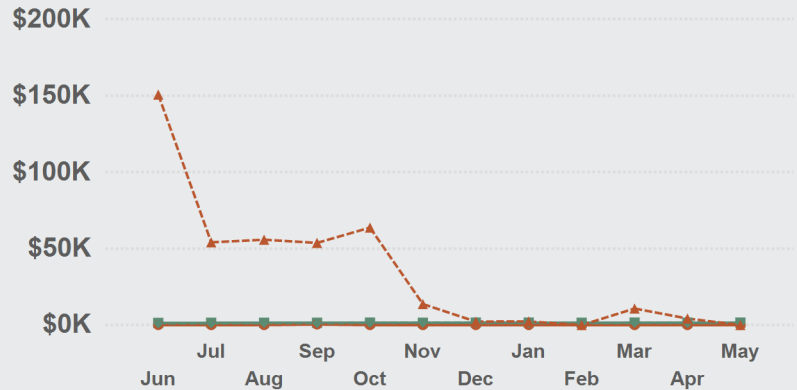


Account Balance Summary

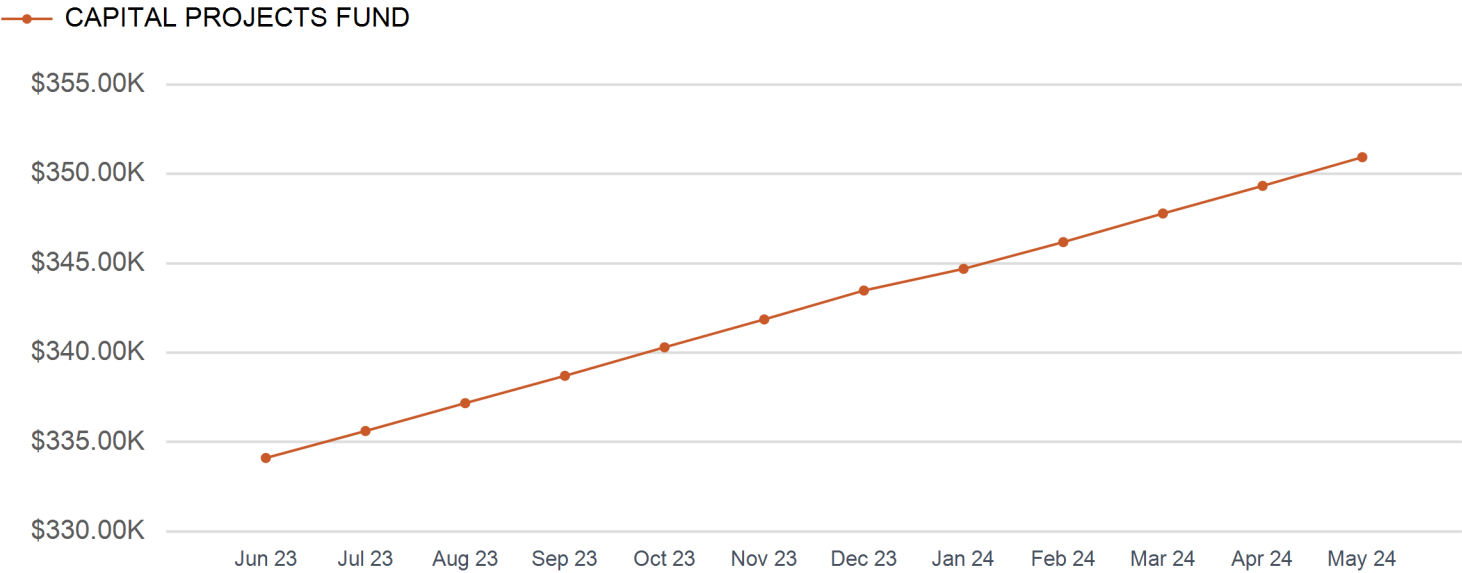
Balance as of 05/22/2024	\$349,339
Receipts	1,609
Disbursements	(5)
Balance as of 06/18/2024	\$350,942

Overall Revenues & Expenditures By Month (Year to Date)

— Current Year Revenues
— Prior Year Revenues
— Current Year Expenditures
— Prior Year Expenditures



Account Balance By Month | June 2023 - May 2024



Cash Flow Report - Checking Account

Harris County MUD No. 109 - CPF



Number	Name	Memo	Amount	Balance
Balance as of 05/22/2024				\$130.00
Receipts				
	No Receipts Activity		0.00	
Total Receipts				\$0.00
Disbursements				
Svc Chrg	Central Bank	Service Charge	(5.00)	
Total Disbursements				(\$5.00)
Balance as of 06/18/2024				\$125.00

District Debt Summary as of 06/18/2024

Harris County MUD No. 109 - DSF



		WATER, SEWER, DRAINAGE	PARK/ROAD/OTHER	REFUNDING
Total \$ Authorized		Authorized	Authorized	Authorized
\$61.83M		\$61.83M	N/A	\$32.73M
Total \$ Issued		Issued	Issued	Issued
\$48.88M		\$48.88M	N/A	\$1.06M
Yrs to Mat	Rating	\$ Available To Issue	\$ Available To Issue	\$ Available To Issue
16	AA	\$12.95M	N/A	\$31.67M

*Actual 'Outstanding' Refunding Bonds issued below may differ from the 'Issued' total above pursuant to Chapter 1207, Texas Government Code.

Outstanding Debt Breakdown

Series Issued	Original Bonds Issued	Maturity Date	Principal Outstanding
2021 - Refunding	\$3,705,000	2029	\$2,895,000
2017 - WS&D	\$12,100,000	2041	\$10,850,000
2015 - Refunding	\$5,920,000	2030	\$5,200,000
Total	\$21,725,000		\$18,945,000

District Debt Schedule

Harris County MUD No. 109 - DSF



Paying Agent	Series	Principal	Interest	Total
Bank of New York	2021 - Refunding	\$825,000.00	\$37,275.00	\$862,275.00
Bank of New York	2017 - WS&D	\$460,000.00	\$177,671.88	\$637,671.88
Regions Bank	2015 - Refunding	\$220,000.00	\$67,392.00	\$287,392.00
Total Due 10/01/2024		\$1,505,000.00	\$282,338.88	\$1,787,338.88

Paying Agent	Series	Principal	Interest	Total
Bank of New York	2021 - Refunding	\$0.00	\$24,900.00	\$24,900.00
Bank of New York	2017 - WS&D	\$0.00	\$170,771.88	\$170,771.88
Regions Bank	2015 - Refunding	\$0.00	\$64,540.80	\$64,540.80
Total Due 04/01/2025		\$0.00	\$260,212.68	\$260,212.68

Investment Profile as of 06/18/2024

Harris County MUD No. 109

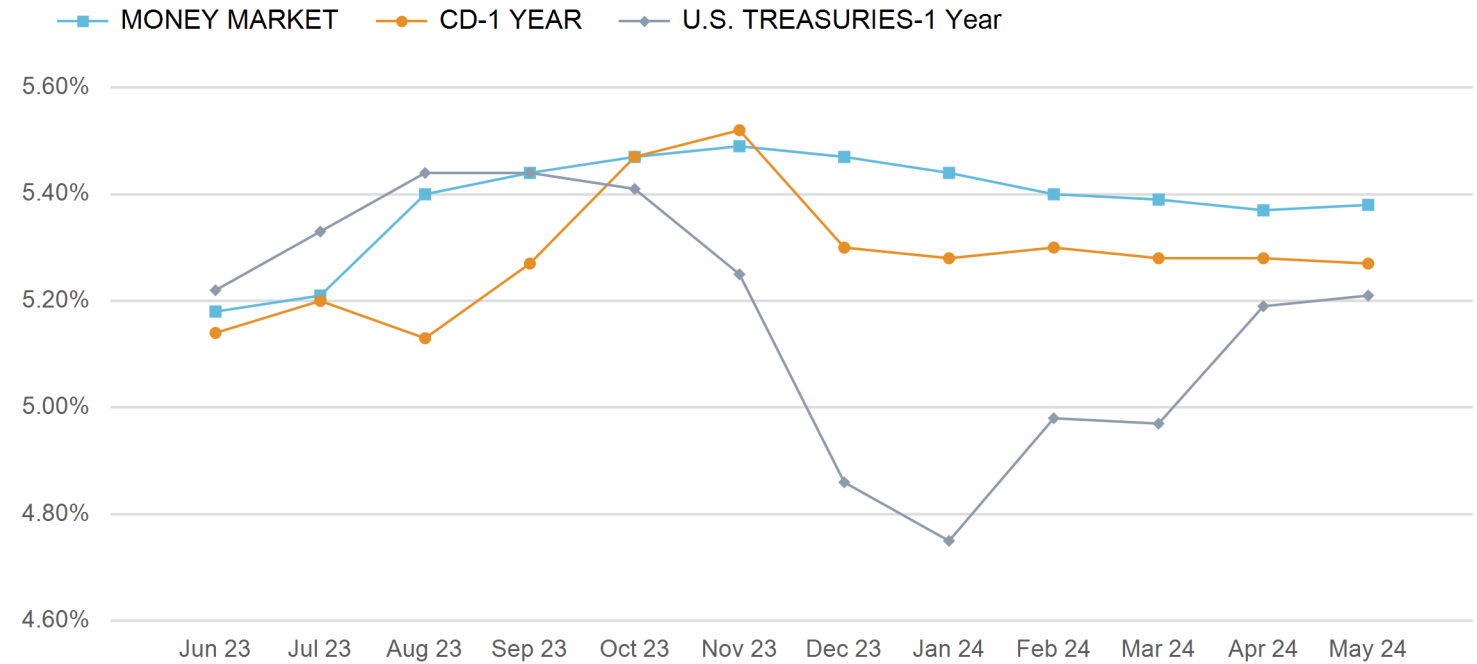


General Operating Fund	Capital Projects Fund	Debt Service Fund	Other Funds
Funds Available to Invest \$6,510,177	Funds Available to Invest \$350,942	Funds Available to Invest \$3,150,008	Funds Available to Invest N/A
Funds Invested \$6,355,083	Funds Invested \$350,817	Funds Invested \$3,150,008	Funds Invested N/A
Percent Invested 98%	Percent Invested 99%	Percent Invested 100%	Percent Invested N/A

Term	Money Market	Term	Certificate of Deposit	Term	U.S. Treasuries
On Demand	5.38%	180 Days	5.34%	180 Days	5.36%
		270 Days	5.27%	270 Days	5.36%
		1 Yr	5.22%	1 Yr	5.17%
		13 Mo	5.11%	13 Mo	N/A
		18 Mo	4.41%	18 Mo	5.17%
		2 Yr	2.11%	2 Yr	4.88%

*Rates are based on the most current quoted rates and are subject to change daily.

Investment Rates Over Time (By Month) | June 2023 - May 2024



Account Balance as of 06/18/2024

Harris County MUD No. 109 - Investment Detail



FUND: General Operating

Financial Institution (Acct Number)	Issue Date	Maturity Date	Interest Rate	Account Balance	Notes
Certificates of Deposit					
CADENCE BANK (XXXX3093)	11/30/2023	09/25/2024	5.50%	235,000.00	
WALLIS BANK (XXXX4307)	11/30/2023	11/30/2024	5.65%	235,000.00	
THIRD COAST BANK, SSB (XXXX1280)	03/26/2024	03/26/2025	5.50%	235,000.00	
Money Market Funds					
TEXAS CLASS (XXXX0001)	03/22/2017		5.43%	5,650,083.08	
Checking Account(s)					
CENTRAL BANK - CHECKING (XXXX1891)			0.00%	5,858.33	Checking Account
CENTRAL BANK - CHECKING (XXXX4632)			0.00%	149,235.09	Operator
Totals for General Operating Fund				\$6,510,176.50	

FUND: Capital Projects

Financial Institution (Acct Number)	Issue Date	Maturity Date	Interest Rate	Account Balance	Notes
Money Market Funds					
TEXAS CLASS (XXXX0002)	03/22/2017		5.43%	350,817.40	Series 2017
Checking Account(s)					
CENTRAL BANK - CHECKING (XXXX1875)			0.00%	125.00	Checking Account
Totals for Capital Projects Fund				\$350,942.40	

FUND: Debt Service

Financial Institution (Acct Number)	Issue Date	Maturity Date	Interest Rate	Account Balance	Notes
Certificates of Deposit					
CADENCE BANK - DEBT (XXXX1385)	12/01/2023	08/27/2024	5.50%	235,000.00	
THIRD COAST BANK-DEBT (XXXX3518)	12/01/2023	08/27/2024	5.50%	235,000.00	
Money Market Funds					
TEXAS CLASS (XXXX0003)	03/22/2017		5.43%	2,680,007.94	
Totals for Debt Service Fund				\$3,150,007.94	

Grand Total for Harris County MUD No. 109 :

\$10,011,126.84

Capital Projects Fund Breakdown

Harris County Municipal Utility District No. 109

As of Date 06/18/2024

Net Proceeds for All Bond Issues

Receipts

Bond Proceeds - Series 2017	\$12,100,000.00
Interest Earnings - Series 2017	276,618.40

Disbursements

Disbursements - Series 2017	(\$12,025,676.00)
-----------------------------	-------------------

Total Cash Balance	\$350,942.40
---------------------------	---------------------

Balances by Account

Central Bank - Checking	\$125.00
TX Class - Series 2017	350,817.40

Total Cash Balance	\$350,942.40
---------------------------	---------------------

Balances by Bond Series

Bond Proceeds - Series 2017	\$350,942.40
-----------------------------	--------------

Total Cash Balance	\$350,942.40
---------------------------	---------------------

Remaining Costs/Surplus By Bond Series

Proposed Water Well No. 1 Rehab	\$350,942.40
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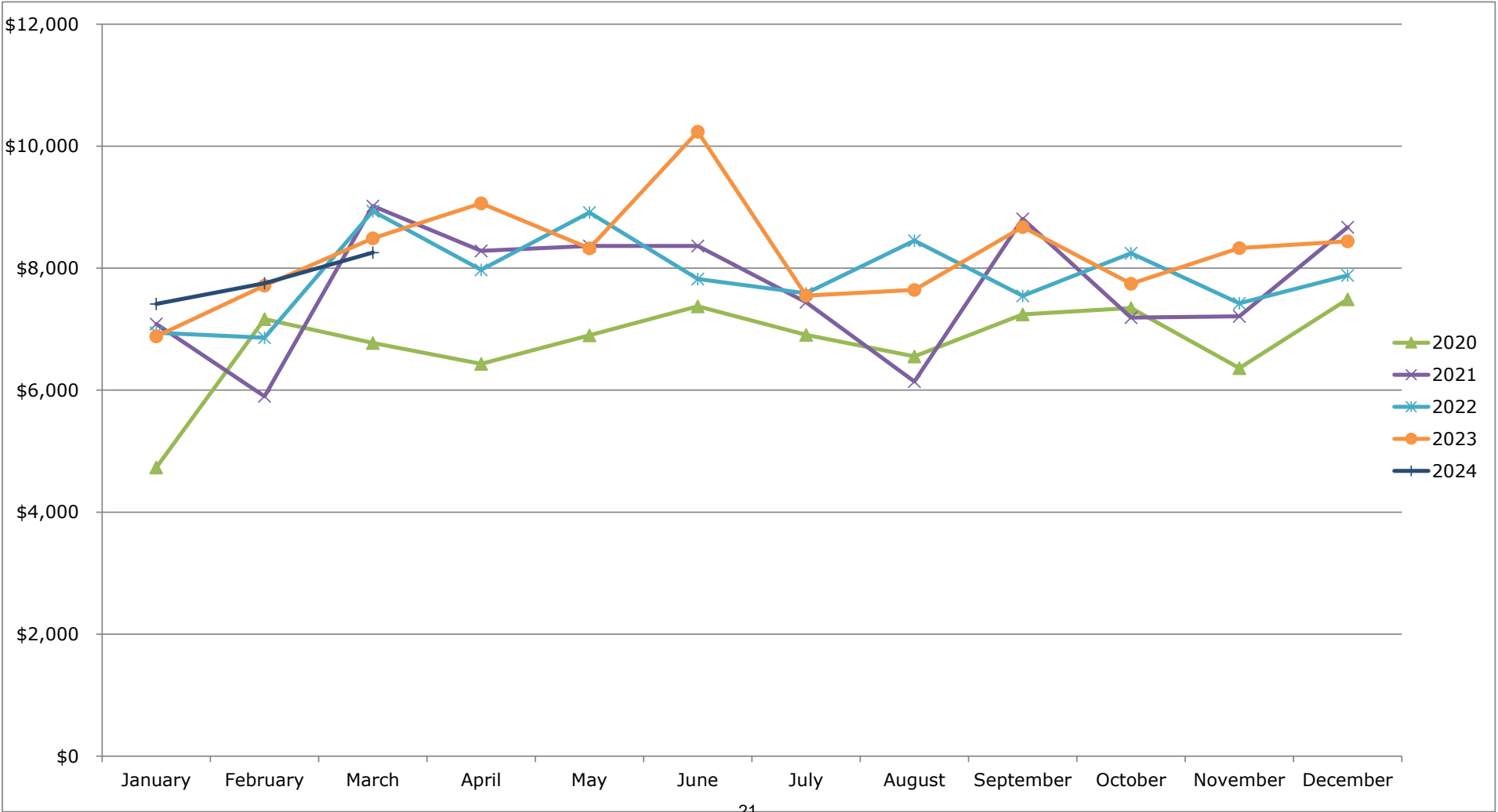
Total Surplus & Interest Balance	\$350,942.40
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Total Remaining Costs/Surplus	\$350,942.40
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Sales Tax Revenue History

Harris County MUD No. 109

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2020	\$4,731	\$7,165	\$6,772	\$6,430	\$6,900	\$7,374	\$6,906	\$6,552	\$7,243	\$7,347	\$6,362	\$7,490	\$81,272
2021	\$7,086	\$5,898	\$9,019	\$8,285	\$8,362	\$8,363	\$7,440	\$6,140	\$8,807	\$7,190	\$7,212	\$8,672	\$92,475
2022	\$6,943	\$6,859	\$8,934	\$7,973	\$8,913	\$7,820	\$7,589	\$8,453	\$7,546	\$8,244	\$7,422	\$7,881	\$94,577
2023	\$6,881	\$7,714	\$8,490	\$9,062	\$8,327	\$10,238	\$7,551	\$7,643	\$8,675	\$7,743	\$8,328	\$8,440	\$99,092
2024	\$7,414	\$7,751	\$8,256										
Total	\$51,209	\$53,315	\$63,994	\$46,358	\$52,585	\$54,592	\$46,710	\$46,572	\$51,122	\$50,235	\$46,125	\$52,830	\$592,227



Annexation

Harris County MUD No. 109 - GOF

	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Debit</u>	<u>Credit</u>	<u>Balance</u>
12606 · Zimmerman Properties - 9 acre							
	07/14/2022	Recpt		Zimmerman Feasibility		5,000.00	5,000.00
	09/30/2022	9-221757	BGE, Inc.	Zimmerman Tract Feasibility Study	4,496.77		503.23
Total 12606 · Zimmerman Properties - 9 acre					4,496.77	5,000.00	503.23
12607 · Madden Tract							
	07/21/2022	Recpt		Madden Annexation		5,000.00	5,000.00
	09/30/2022	9-221756	BGE, Inc.	Madden Tract Feasibility Study	4,538.55		461.45
	11/30/2022	11-220213	BGE, Inc.	Madden Tract Feasibility Study	289.06		172.39
Total 12607 · Madden Tract					4,827.61	5,000.00	172.39
12608 · Woodland Hills Annexation							
	07/20/2023	Deposit		Woodland Hills Tract		5,000.00	5,000.00
	08/31/2023	8-231023	BGE, Inc.	Woodland Hills Multi-Family Feasibility Study	1,185.17		3,814.83
	09/28/2023	Rcpts		Woodlands Hills Annexation Deposit #2		5,000.00	8,814.83
	09/30/2023	9-230188	BGE, Inc.	Woodland Hills Multi-Family Feasibility Study	1,146.88		7,667.95
	10/31/2023	10-230410	BGE, Inc.	Woodland Hills Multi-Family Feasibility Study	432.82		7,235.13
	11/30/2023	11-230332	BGE, Inc.	Woodland Hills Multi-Family Feasibility Study	865.63		6,369.50
	01/31/2024	1-240378	BGE, Inc.	Woodland Hills Multi-Family Feasibility Study	35.55		6,333.95
	04/30/2024	4-240226	BGE, Inc.	Woodland Hills Multi-Family Feasibility Study	1,333.95		5,000.00
	05/31/2024	5-241068	BGE, Inc.	Woodland Hills Multi-Family Feasibility Study	779.68		4,220.32
Total 12608 · Woodland Hills Annexation					5,779.68	10,000.00	4,220.32
TOTAL					15,104.06	20,000.00	4,895.94

Cash Flow Forecast

Harris County MUD 109

	5/25	5/26	5/27	5/28	5/29
Assessed Value	\$890,078,909	\$890,078,909	\$890,078,909	\$890,078,909	\$890,078,909
Maintenance Tax Rate	\$0.210	\$0.210	\$0.210	\$0.210	\$0.210
Maintenance Tax	\$1,831,782	\$1,831,782	\$1,831,782	\$1,831,782	\$1,831,782
% Change in Water Rate		1.00%	1.00%	1.00%	1.00%
% Change in Wastewater Rate		3.00%	3.00%	3.00%	3.00%
% Change in NHCRWA		10.00%	10.00%	10.00%	10.00%
% Change in Expenses		5.00%	5.00%	5.00%	5.00%
Beginning Cash Balance 5-31-2024	\$6,799,708	\$5,700,325	\$6,149,879	\$6,738,076	\$6,553,300
Revenues					
Maintenance Tax	\$1,831,782	\$1,831,782	\$1,831,782	\$1,831,782	\$1,831,782
Water Revenue	591,000	596,910	602,879	608,908	614,997
Wastewater Revenue	666,300	686,289	706,878	728,084	749,927
NHCRWA Revenue	1,191,000	1,310,100	1,441,110	1,585,221	1,743,743
Other	734,816	771,557	810,135	850,641	893,173
Total Revenues	\$5,014,898	\$5,196,638	\$5,392,784	\$5,604,637	\$5,833,622
Expenses					
NHCRWA	\$1,345,400	\$1,479,940	\$1,627,934	\$1,790,727	\$1,969,800
Other Expenses	2,104,900	2,210,145	2,320,652	2,436,685	2,558,519
Total Expenses	\$3,450,300	\$3,690,085	\$3,948,586	\$4,227,412	\$4,528,319
Net Surplus	\$1,564,598	\$1,506,553	\$1,444,198	\$1,377,224	\$1,305,303
Capital Outlay					
Capital Outlay	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Capital Outlay - AJOB	250,000	250,000	250,000	250,000	250,000
WP 1 Electrical Improvements	250,000	0	0	0	0
WP 1 Booster Pump Replacement	0	0	136,000	136,000	0
WP 1 GST 1 Replacement	1,310,500	0	0	0	0
WP 1 Chloramine Conversion	0	0	0	299,000	0
WP 2 Well Rehab & Motor Replacement	0	327,000	0	0	0
WP 2 Chloramine Conversion	0	0	0	299,000	0
L/S Wet Well and Piping Rehabilitation	115,000	275,000	246,000	0	0
L/S Submersive Pump Replacement	0	115,000	49,000	49,000	0
L/S Fence Replacement	51,000	40,000	0	0	0
Wastewater Collection System	0	0	0	236,000	0
Manhole Valve Rehab	250,000	0	0	0	0
HC46 Water Interconnect	50,000	0	0	0	0
Sewer System Cleaning and Televisin	0	0	0	118,000	0
Barents Dr. Lift Station	337,481	0	0	0	0
Developer Reimbursement	0	0	125,000	125,000	125,000
Total Capital Outlay	\$2,663,981	\$1,057,000	\$856,000	\$1,562,000	\$425,000
Construction Surplus	\$0	\$0	\$0	\$0	\$0
Ending Cash Balance	\$5,700,325	\$6,149,879	\$6,738,076	\$6,553,300	\$7,433,604
Operating Reserve % of Exp					
Percentage	165%	167%	171%	155%	164%
Number of Months	20	20	20	19	20
Bond Authority					
Remaining Bonding Capacity - \$12,950,000					
Maintenance Tax Rate Cap - \$1.00					



ENGINEERING REPORT

June 18, 2024

To: Harris County MUD No. 109 Board of Directors

From: Bill Kotlan, P.E., Christopher A. Meinhardt, P.E.
District Engineer

Review Engineer's Report, including approval of pay estimates, authorization of change orders to pending construction contracts, and authorization of capacity commitments:

a. Utility Relocations related to FM 1960 Widening: Update

No change this month.

b. Barents Drive Lift Station

Project progressing well. Lift Station structure is complete. Contractor waiting on additional materials to be delivered before proceeding.

Action Item: Pay Estimate No. 3 is recommended in the amount of \$31,050.00.

c. Water Plant No. 2

Construction and seeding of swale is complete. Coordinating with Harris County to inspect the swale.

d. Wastewater Treatment Plant

We plan to kick off Belt Press Replacement/Belt Press Building Rehabilitation project this week (Design and Construction plans).

e. Lead and Copper Rule: Deadline for Phase 1: October 16, 2024.

Exhibit E

Serving. Leading. Solving.™

BGE, Inc. • 1450 Lake Robbins Drive, Suite 310 • The Woodlands, Texas 77380 • 281-210-5570 • www.bgeinc.com

f. Capital Improvement Plan:

We are currently working on 2025 adopted budget CIP projects.

g. Water Plant No. 1 Ground Storage Tank Replacement

Construction plans approximately 30% complete.

h. Water Plant No. 1 Water Well Rehabilitation:

Construction plans approximately 70% complete. Project is on schedule to bid the project in July.

i. Woodland Hills Tract:

We have received updated site plan set and lift station/force main plan set from the developer's engineer. All comments have been addressed.

Please see attached for proposal for Belleau Wood East Lift Station improvements.

Action Item: Approve proposal for Belleau Wood East Lift Station Improvements.



June 4, 2024

Harris County MUD No. 109
C/o Municipal Accounts & Consulting, LP
1281 Brittmoore Rd.
Houston, Texas 77043

Attention: Cory Burton

Re: **Pay Estimate No. 3**
Harris County MUD 109
Barents Drive Lift Station
BGE Job No. 7528-10

Dear Mr. Burton:

Enclosed herewith is **Pay Estimate No. 3** from Peltier Brothers Construction, LLC for work performed on the referenced project for the period indicated. I have reviewed the quantities completed and submitted for payment, and recommend that this estimate be processed for payment. The enclosed estimate is for your further handling and processing.

Should you have any questions regarding this pay estimate, please contact me at 281-558-8700.

Sincerely,

A handwritten signature in blue ink, appearing to read "Gary L. Goessler", is written over a light blue horizontal line.

Gary L. Goessler, PE
Project Manager, Construction Management

TBPE Registration No. F-1046

cc: Kyle Hope – Peltier Brothers Construction, LLC
Will Peltier – Peltier Brothers Construction, LLC
Dimitri Millas – Norton Rose Fulbright US LLP
Brenda Presser – Norton Rose Fulbright US LLP
Bill Kotlan, PE – BGE
Chris Meinhardt, PE – BGE
Lizanne Douglas, PE – BGE
Aaron Orozco, PE – BGE

Barents Drive Lift Station

Owner: Harris County MUD No. 109
C/o Municipal Accounts & Consulting, LP
1281 Brittmoore Rd.
Houston, Texas 77043

Attention: Cory Burton

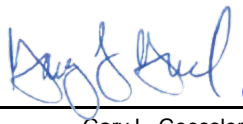
Contractor: Peltier Brothers Construction, LLC
10727 Peltier Lane
Houston, Texas 77064

Attention: Kyle Hope

Pay Estimate No.	3
Original Contract Amount:	\$ 701,970.00
Change Orders:	\$ -
Current Contract Amount:	\$ 701,970.00
Completed to Date:	\$ 382,450.00
Retainage 10%	\$ 38,245.00
Balance:	\$ 344,205.00
Less Previous Payments:	\$ 313,155.00
Current Payment Due:	\$ 31,050.00

BGE Job No.	7528-10
Estimate Period:	04/26/24 - 05/25/24
Contract Date:	December 18, 2023
Notice to Proceed:	February 12, 2024
Contract Time:	300 Calendar Days
Time Charged:	103 Calendar Days
Requested Time Extensions:	0 Calendar Days
Approved Extensions:	0 Calendar Days
Time Remaining:	197 Calendar Days

Recommended for Approval:


06/04/2024

Gary L. Goessler, PE
Project Manager, Construction Management
BGE
TBPE Registration No. F-1046

Harris County MUD No. 109
 Barents Drive Lift Station
 BGE Job No. 7528-10
 Pay Estimate No. 3

Item	Description	Contract Quantity	Unit	Unit Price	Amount	Completed This Period	Amount This Period	Previous Period	Previous Amount	Total Completed	Total
<u>UNIT A: BASE BID ITEMS</u>											
1.	Mobilization; Demobilization; and Insurance	1.00	LS	\$ 25,000.00	\$ 25,000.00	0.00	\$ -	0.75	\$ 18,750.00	0.75	\$ 18,750.00
2.	Construction of Lift Station, required in the drawings and specifications including but not limited to construction of reinforced concrete wet well, wet well lining coating, dewatering and ground water control, reinforced concrete valve slab, excavation and disposal of soil, hatches, E/One Grinder Pumps, piping, fittings, valves, thrust blocks, pipe supports and all appurtenances; in accordance with the plans and specifications. Complete in Place.										
	Receive Forms	1.00	LS	\$ 7,500.00	\$ 7,500.00	0.00	\$ -	1.00	\$ 7,500.00	1.00	\$ 7,500.00
	Purchase and Receive Rebar	1.00	LS	\$ 8,500.00	\$ 8,500.00	0.00	\$ -	1.00	\$ 8,500.00	1.00	\$ 8,500.00
	Set Inside Forms Lift #1	1.00	LS	\$ 18,500.00	\$ 18,500.00	0.00	\$ -	1.00	\$ 18,500.00	1.00	\$ 18,500.00
	Form Cutting Edge	1.00	LS	\$ 7,000.00	\$ 7,000.00	0.00	\$ -	1.00	\$ 7,000.00	1.00	\$ 7,000.00
	Reinforce Lift #1	1.00	LS	\$ 16,000.00	\$ 16,000.00	0.00	\$ -	1.00	\$ 16,000.00	1.00	\$ 16,000.00
	Install Influent Blockout	1.00	LS	\$ 6,500.00	\$ 6,500.00	0.00	\$ -	1.00	\$ 6,500.00	1.00	\$ 6,500.00
	Install Wall Ties Lift #1	1.00	LS	\$ 10,200.00	\$ 10,200.00	0.00	\$ -	1.00	\$ 10,200.00	1.00	\$ 10,200.00
	Set Outside Forms Lift #1	1.00	LS	\$ 18,500.00	\$ 18,500.00	0.00	\$ -	1.00	\$ 18,500.00	1.00	\$ 18,500.00
	Pour Lift #1	1.00	LS	\$ 36,200.00	\$ 36,200.00	0.00	\$ -	1.00	\$ 36,200.00	1.00	\$ 36,200.00
	Wreck Forms Lift #1	1.00	LS	\$ 13,000.00	\$ 13,000.00	0.00	\$ -	1.00	\$ 13,000.00	1.00	\$ 13,000.00
	Excavate Lift #1	1.00	LS	\$ 37,000.00	\$ 37,000.00	0.00	\$ -	1.00	\$ 37,000.00	1.00	\$ 37,000.00
	Set Inside Forms Lift #2	1.00	LS	\$ 18,500.00	\$ 18,500.00	0.00	\$ -	1.00	\$ 18,500.00	1.00	\$ 18,500.00
	Reinforce Lift #2	1.00	LS	\$ 16,000.00	\$ 16,000.00	0.00	\$ -	1.00	\$ 16,000.00	1.00	\$ 16,000.00

Harris County MUD No. 109
 Barents Drive Lift Station
 BGE Job No. 7528-10
 Pay Estimate No. 3

Item	Description	Contract Quantity	Unit	Unit Price	Amount	Completed This Period	Amount This Period	Previous Period	Previous Amount	Total Completed	Total
	Install Wall Ties Lift #2	1.00	LS	\$ 10,200.00	\$ 10,200.00	0.00	\$ -	1.00	\$ 10,200.00	1.00	\$ 10,200.00
	Set Outside Forms Lift #2	1.00	LS	\$ 18,500.00	\$ 18,500.00	0.00	\$ -	1.00	\$ 18,500.00	1.00	\$ 18,500.00
	Pour Lift #2	1.00	LS	\$ 37,100.00	\$ 37,100.00	0.00	\$ -	1.00	\$ 37,100.00	1.00	\$ 37,100.00
	Wreck Forms Lift #2	1.00	LS	\$ 13,000.00	\$ 13,000.00	0.00	\$ -	1.00	\$ 13,000.00	1.00	\$ 13,000.00
	Excavate Lift #2	1.00	LS	\$ 37,000.00	\$ 37,000.00	0.00	\$ -	1.00	\$ 37,000.00	1.00	\$ 37,000.00
	Pour Seal Slab	1.00	LS	\$ 4,000.00	\$ 4,000.00	1.00	\$ 4,000.00	0.00	\$ -	1.00	\$ 4,000.00
	Reinforce and Pour Structural Bottom Slab	1.00	LS	\$ 19,000.00	\$ 19,000.00	1.00	\$ 19,000.00	0.00	\$ -	1.00	\$ 19,000.00
	Set Base Elbows	1.00	LS	\$ 4,500.00	\$ 4,500.00	1.00	\$ 4,500.00	0.00	\$ -	1.00	\$ 4,500.00
	Install Riser Pipes Inside of Wet Well	1.00	LS	\$ 17,000.00	\$ 17,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Form, Reinforce, Pour Valve Pad	1.00	LS	\$ 12,500.00	\$ 12,500.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Install PVF on Valve Pad	1.00	LS	\$ 15,000.00	\$ 15,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Form and Reinforce Top Slab	1.00	LS	\$ 28,000.00	\$ 28,000.00	0.25	\$ 7,000.00	0.00	\$ -	0.25	\$ 7,000.00
	Set Hatch in Top Slab	1.00	LS	\$ 5,000.00	\$ 5,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Pour Top Slab	1.00	LS	\$ 20,000.00	\$ 20,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Concrete Coatings Inside of Wet Well	1.00	LS	\$ 5,400.00	\$ 5,400.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Pipe, Valves and Fittings Coatings	1.00	LS	\$ 4,800.00	\$ 4,800.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Purchase and Install Pumps	1.00	LS	\$ 55,000.00	\$ 55,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Influent Tie in to Wet Well	1.00	LS	\$ 1,700.00	\$ 1,700.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Startup	1.00	LS	\$ 1,000.00	\$ 1,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Pump O&M	1.00	LS	\$ 2,600.00	\$ 2,600.00	0.00	\$ -	0.00	\$ -	0.00	\$ -

Harris County MUD No. 109

Barents Drive Lift Station

BGE Job No. 7528-10

Pay Estimate No. 3

Item	Description	Contract Quantity	Unit	Unit Price	Amount	Completed This Period	Amount This Period	Previous Period	Previous Amount	Total Completed	Total
3.	Site work including but not limited to reinforced concrete paving, cement stabilized sand subgrade, sanitary sewer, manholes, force main, fence with gate, bollards, site grading and drainage, stormwater pollution control, dewatering and ground water control; all depths; in accordance with the plans and specifications. Complete in Place.										
	4' Diameter Manholes installation	1.00	LS	\$ 4,000.00	\$ 4,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	8" Gravity Sewer Installation	1.00	LS	\$ 3,000.00	\$ 3,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Excavate for Driveway	1.00	LS	\$ 1,500.00	\$ 1,500.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Stabilize Driveway	1.00	LS	\$ 2,500.00	\$ 2,500.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Reinforce Driveway	1.00	LS	\$ 2,500.00	\$ 2,500.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Pour Driveway	1.00	LS	\$ 3,000.00	\$ 3,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Install Fence and Gates	1.00	LS	\$ 3,000.00	\$ 3,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Install Bollards	1.00	LS	\$ 500.00	\$ 500.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
4.	4" Buried Force Main within easement, including bends, fittings, dewatering and ground water control, and connection to Existing Stub-Out; all depths; in accordance with the plans and specifications. Complete in Place.										
	4" Force Main Installation w/in Easement	1.00	LS	\$ 15,170.00	\$ 15,170.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Force Main Tie-in	1.00	LS	\$ 1,000.00	\$ 1,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -

Harris County MUD No. 109

Barents Drive Lift Station

BGE Job No. 7528-10

Pay Estimate No. 3

Item	Description	Contract Quantity	Unit	Unit Price	Amount	Completed This Period	Amount This Period	Previous Period	Previous Amount	Total Completed	Total
5.	Electrical System, including but not limited to installation of all electrical equipment associated with proposed lift station including controls, control panel w/ pad, yard light, transducer, conduits, ground well, duct banks, junction boxes, service pole, drop w/ meter disconnect, service disconnect, surge protector, manual transfer switch, and all appurtenances; in accordance with the plans and specifications. Complete in Place.										
	Electrical Rough In Top Slab	1.00	LS	\$ 4,500.00	\$ 4,500.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Electrical Rough In Control Panel Pad	1.00	LS	\$ 4,500.00	\$ 4,500.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Electrical Underground Duct Banks	1.00	LS	\$ 6,000.00	\$ 6,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Install Electrical Service Rack	1.00	LS	\$ 15,000.00	\$ 15,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Control Panel Pad Form, Reinforce, Pour	1.00	LS	\$ 7,500.00	\$ 7,500.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Install Yard Light Foundation	1.00	LS	\$ 1,500.00	\$ 1,500.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Install Yard Light	1.00	LS	\$ 1,500.00	\$ 1,500.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Install Ground Wells and Grounding	1.00	LS	\$ 1,500.00	\$ 1,500.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Install Junction Boxes	1.00	LS	\$ 3,000.00	\$ 3,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Install Manual Transfer Switch	1.00	LS	\$ 6,800.00	\$ 6,800.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Purchase and Install Control Panel	1.00	LS	\$ 17,200.00	\$ 17,200.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Install and Terminate Wiring	1.00	LS	\$ 10,000.00	\$ 10,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Control Panel O&M	1.00	LS	\$ 1,000.00	\$ 1,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
6.	Trench Safety System; in accordance with the plans and specifications. Complete in Place.	1.00	LS	\$ 100.00	\$ 100.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
UNIT A: BASE BID ITEMS - SUBTOTAL					\$ 665,970.00		\$ 34,500.00		\$ 347,950.00		\$ 382,450.00

Harris County MUD No. 109
 Barents Drive Lift Station
 BGE Job No. 7528-10
 Pay Estimate No. 3

Item	Description	Contract Quantity	Unit	Unit Price	Amount	Completed This Period	Amount This Period	Previous Period	Previous Amount	Total Completed	Total
<u>UNIT B: SUPPLEMENTAL BID ITEMS</u>											
1.	"Extra" as directed, Excavation and Backfill for Structures, Complete In Place (\$15.00 per CY minimum).	50.00	CY	\$ 15.00	\$ 750.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
2.	"Extra" as directed, Excavation, Trenching, and Backfill for Utilities, Complete In Place (\$15.00 per CY minimum).	50.00	CY	\$ 15.00	\$ 750.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
3.	"Extra" as directed, Reinforcing Steel, Complete in Place. (\$1,500 per TON	1.00	TON	\$ 1,500.00	\$ 1,500.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
4.	"Extra" as directed, Cast In Place Concrete, Complete in Place (\$500 per CY minimum).	10.00	CY	\$ 500.00	\$ 5,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
5.	"Extra" as directed, Ductile Iron Fittings, Complete In Place (\$2,000 per TON minimum).	2.00	TON	\$ 2,000.00	\$ 4,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
6.	"Extra" as directed, 4-Inch C900-DR18 PVC Pipe (all depths), Complete In Place. (\$70.00 per LF minimum).	50.00	LF	\$ 70.00	\$ 3,500.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
7.	"Extra" as directed, Site Improvements, Complete In Place (\$8,000.00 minimum).	1.00	LS	\$ 8,000.00	\$ 8,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
8.	"Extra" as directed, Electrical Improvements, Complete In Place (\$5,000.00 minimum).	1.00	LS	\$ 5,000.00	\$ 5,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
9.	"Extra" as directed, Sanitary Improvements, Complete In Place (\$5,000.00 minimum).	1.00	LS	\$ 5,000.00	\$ 5,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
UNIT B: SUPPLEMENTAL BID ITEMS - SUBTOTAL					\$ 33,500.00		\$ -		\$ -	\$ -	\$ -

Harris County MUD No. 109
 Barents Drive Lift Station
 BGE Job No. 7528-10
 Pay Estimate No. 3

Pay Estimate No. 3											
Item	Description	Contract Quantity	Unit	Unit Price	Amount	Completed This Period	Amount This Period	Previous Period	Previous Amount	Total Completed	Total
<u>UNIT C: ALLOWANCES</u>											
1.	Arc Flash and Power Coordination Study	1.00	LS	\$ 2,500.00	\$ 2,500.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
UNIT C: ALLOWANCES - SUBTOTAL					\$ 2,500.00		\$ -		\$ -	\$ -	-
Total Contract Amount:					\$ 701,970.00						
Change Order No. 1											
					\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -
Change Order No. 2											
					\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -
Change Order No. 3											
					\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -
Totals:					\$ 701,970.00		\$ 34,500.00		\$ 347,950.00		\$ 382,450.00

STATE OF TEXAS §

COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared _____
 Kyle P. Hope _____ the _____ Project Manager
 of **Peltier Brothers Construction, LLC** ("CONTRACTOR"). CONTRACTOR has performed labor
 and furnished materials pursuant to that certain Contract entered into on the 18th day of
December, 2023 by and between CONTRACTOR and **Harris**
County Municipal Utility District No. 109, for the erection, construction, and completion of
 certain improvements and/or additions upon the following described premises, to wit:

“Construction of Barents Drive Lift Station for Harris County MUD No. 109, Harris County, Texas.”

The undersigned, being by me duly sworn, states upon oath that the materials supplied in connection with CONTRACTOR's Application for Partial Payment No. 3, dated 05/29/2024 (the "Application Date"), represents the actual cost of sound materials that have been or will be fabricated into the Work in compliance with the agreed to plans and specifications (and all authorized changes thereto).

The undersigned further states that as of the Application Date, CONTRACTOR has paid all bills and claims for materials supplied in connection with the aforesaid Partial Payment, and that there are no outstanding unpaid bills or claims for labor performed or materials furnished.

CONTRACTOR acknowledges complete satisfaction of, and forever waives and releases, all claims of every kind against OWNER or the property where the labor and/or materials were installed, including, without limitation, any liens or potential liens, which CONTRACTOR may have as a result of, or in connection with, the labor and/or materials supplied in connection with the aforesaid Partial payment.


CONTRACTOR represents that the person executing this affidavit on behalf of CONTRACTOR is duly authorized to sign this affidavit and to legally bind CONTRACTOR hereto. All of the provisions of this affidavit shall bind CONTRACTOR, its heirs, representatives, successors and assigns and shall inure to the benefit of OWNER, and its legal representatives, successors, assigns.

This affidavit is being made by the undersigned realizing that it is in reliance upon the truthfulness of the statements contained herein that a partial payment under said Contract is being made, and in consideration of the disbursement of said partial payment by OWNER.

CONTRACTOR HEREBY AGREES TO DEFEND, PROTECT, INDEMNIFY AND HOLD OWNER SAFE AND HARMLESS FROM AND AGAINST ALL LOSSES, DAMAGES, COSTS, AND EXPENSES OF ANY CHARACTER WHATSOEVER SPECIFICALLY INCLUDING COURT COSTS, BONDING FEES, AND ATTORNEY FEES ARISING OUT OF OR IN ANY WAY RELATING TO CLAIMS FOR UNPAID LABOR OR MATERIALS FURNISHED AS OF THE APPLICATION DATE.

Executed this 31st day of May, 2024.

PELTIER BROTHERS CONSTRUCTION, LLC

By: 
Name Kyle P. Hope
Printed:
Title: Project Manager

STATE OF TEXAS §

COUNTY OF HARRIS §

Subscribed and sworn to before me, the undersigned authority, on this the 31st day of May, 2024, to certify which, witness my hand and seal of office.




Notary Public, State of Texas
Notary's Name Printed:

Jeannie A. Hoang

My commission expires: June 24, 2026



Professional Services will be invoiced monthly based on the percentage of work complete or the actual time, materials and expenses utilized to complete the work in accordance with the following schedule.

Task No.	Description	Basis of Fee	Fee/ Budget
1	Basic Services: Design Engineering	Hourly	\$24,000
2	Basic Services: Construction Phase	Hourly	\$8,000
3	Project Representation	Hourly	\$8,000
	TOTAL		\$40,000

Reimbursable expenses such as deliveries, printing, out-of-town travel, are invoiced at cost plus 10%. Applicable sales tax will be added to fees subject to sales tax. Invoices will be mailed monthly and payable upon receipt. Failure to make payment within 30 days will result in an interest charge equal to 18 percent per annum. Hourly fees will be 2.5 times the direct personnel expense.

Revisions due to changes by the client or changes in the Scope of Services will be considered additional services. Any additional services will be covered under a separate written proposal prior to proceeding.



HARRIS COUNTY MUD 109

E-mail and Text Alerts

Customers can now sign up to receive important e-mail and text alerts about their water and sewer service from HCMUD No. 109. This new system allows customers to stay informed with the latest news and updates. To enroll in e-mail, text, or both types of alerts, visit HCMUD No. 109's website at waterdistrict109.com and follow the instructions on the homepage.

To sign up for text alerts from your mobile phone, **text the word JOIN to 833-359-5014** or scan the QR code and enter your information to register. HCMUD No. 109 respects your privacy and will only use your contact information to communicate district news and information.



waterdistrict109.com
Exhibit F



HARRIS COUNTY CONSTABLE, PRECINCT 4

CONSTABLE MARK HERMAN

"Proudly Serving the Citizens of Precinct 4"

6831 Cypresswood Drive ★ Spring, Texas 77379 ★ (281) 376-3472 ★ www.ConstablePct4.com

Monthly Contract Stats

HARRIS CO MUNICIPAL UTILITY DIST #109

For May 2024

Categories

Burglary Habitation: 0	Burglary Vehicle: 0	Theft Habitation: 0
Theft Vehicle: 2	Theft Other: 1	Robbery: 0
Assault: 1	Sexual Assault: 0	Criminal Mischief: 5
Disturbance Family: 9	Disturbance Juvenile: 1	Disturbance Other: 4
Alarms: 15	Suspicious Vehicles: 8	Suspicious Persons: 14
Runaways: 5	Phone Harrassment: 0	Other Calls: 541

Detailed Statistics By Deputy

Unit Number	Contract Calls	District Calls	Reports Taken	Felony Arrests	Misd Arrests	Tickets Issued	Recovered Property	Charges Filed	Mileage Driven	Days Worked
H67	46	7	6	0	0	27	0	0	1133	20
H68	48	40	41	5	1	35	0	8	864	21
H69	36	22	17	0	0	24	0	1	889	20
TOTAL	130	69	64	5	1	86	0	9	2886	61

Summary of Events

Alarms:

Deputies responded to 15 alarm calls that were cleared as false.

Checks:

Deputies conducted numerous combined park checks, neighborhood checks, MUD, and other miscellaneous checks.

Traffic Enforcement:

Deputies conducted numerous traffic stops and traffic initiatives throughout the contract during the month in the interest of public safety, and in an attempt to reduce the risk of motor vehicle accidents.

Stolen Vehicle:

19000 Lakeshire St- Deputies were dispatched to a stolen vehicle type call. Investigation revealed unknown suspect(s) stole vehicle from driveway. Report completed.

19700 Oak Branch Ct – Deputies were dispatched to a stolen vehicle call. Unknown suspects stole the complainant's vehicle and fled undetected.

Theft Other:

19700 Burle Oaks Ct – Deputies were dispatched to a theft other type call. An investigation revealed that property was taken from outside of the caller's residence without consent.

Assault:

19500 Oaks Timbers Dr - Deputies were dispatched to a disturbance type call. An investigation revealed that a physical altercation occurred between parties. The DA's office was contacted with charges declined.

Criminal Mischief:

5900 Upper Lake Dr – Deputies were dispatched to a criminal mischief type call. An investigation revealed that property was damaged by an unknown subject with no witnesses.

5900 Upper Lake Dr - Deputies were dispatched to a criminal mischief type call. An investigation revealed that property was damaged by an unknown subject with no witnesses.

19900 Big Timber Dr- Deputies were dispatched to a criminal mischief type call. Investigation revealed damaged was caused to vehicle by known suspect. Report completed.

5500 FM 1960 Rd E- Deputies were dispatched to a criminal mischief type call. Investigation revealed damage was caused to business by unknown suspect(s) and fled undetected. Report completed.

5400 Herowood Dr- Deputies were dispatched to a criminal mischief type call. Investigation revealed damaged was caused to mailbox by unknown suspect(s) and fled undetected. Report completed.

Disturbance Family:

18800 Artesian Way- Deputies were dispatched to a family disturbance type call. Investigation revealed family members engaged in a disturbance. No charges filed.

19800 Misty Pines Dr- Deputies were dispatched to a family disturbance type call. Investigation revealed family members engaged in a disturbance. No charges filed.

19700 Oak Branch Ct – Deputy responded to a family disturbance. Family members had an altercation, and the suspect was arrested.

5500 Enchanted Timbers Dr - Deputy responded to a family disturbance. Family members had an altercation, and no charges were filed.

19400 Climbing Oaks Dr - Deputy responded to a family disturbance. Family members had an altercation, and no charges were filed.

5500 Green Timbers Dr - Deputy responded to a family disturbance. Family members had an altercation, and no charges were filed.

19400 Forest Timbers Ct - Deputy responded to a family disturbance. Family members had an

altercation, and no charges were filed.

19400 Forest Timbers Ct - Deputy responded to a family disturbance. Family members had an altercation, and no charges were filed.

5600 Fm 1960 Rd E- Deputies were dispatched to a family disturbance type call. Investigation revealed family members engaged in a disturbance. No charges filed.

Suspicious Vehicle:

Deputies responded to 8 suspicious vehicle calls within the community. Each incident was investigated and cleared up without further action required.

Suspicious Persons:

Deputies responded to 14 suspicious person calls within the community. Each incident was investigated and cleared without further action required.

Runaway:

19400 Forest Timbers Ct – Deputies were dispatched to a runaway type call. An investigation revealed that a juvenile left the residence without the parent's consent.

6100 Baileys Town Ct - Deputies were dispatched to a runaway type call. An investigation revealed that a juvenile left the residence without the parent's consent.

5600 Fawn Trail Ln- Deputies were dispatched to a runaway type call. Investigation revealed juvenile left home without permission. Report completed.

19900 River Brook Dr- Deputies were dispatched to a runaway type call. Investigation revealed juvenile left home without permission. Report completed.

19800 Misty Pines Dr- Deputies were dispatched to a runaway type call. Investigation revealed juvenile left home without permission. Report completed.

Other:

4800 FM 1960 Rd E- Deputies were dispatched to road rage call. Investigation revealed known suspect pointed weapon at victim. Charges were accepted for aggravated assault. Report completed.

6000 Upper Lake Dr – Deputies were dispatched to a mental health call. A consumer was in crisis and transported to a local hospital for evaluation.

5200 Moonshadows Dr – Deputy responded to a fraudulent use of identification. Complainant's identification was used to open an account.

5300 FM 1960 Rd E- Deputies were dispatched to a burglary of business type call. Investigation revealed unknown suspect(s) entered a business without consent of owner causing damage and fled undetected. Report was completed.

5300 FM 1960 Rd E- Deputies were dispatched to a burglary of business type call. Investigation revealed known suspect entered a business without consent of owner causing damage. Charges were accepted.

5300 FM 1960 Rd E- Deputies were dispatched to a burglary of business type call. Investigation revealed unknown suspect(s) entered a business without consent of owner causing damage and fled undetected. Report was completed.

5300 FM 1960 Rd E- Deputies were dispatched to a burglary of business type call. Investigation revealed known suspect entered a business without consent of owner causing damage. Charges were accepted.

5600 FM 1960 Rd E- Deputies were dispatched to a mental health type call. Investigation revealed consumer was transported to the hospital to get evaluated.

20600 W Lake Houston Pkwy- Deputies were dispatched to property found lost type call. Investigation revealed complainant lost paid of air pods. Report completed.

5600 Deer Timbers Trl- Deputies were dispatched to a child custody dispute type call. Investigation revealed other parent had not taken home child at agreed time. Report completed.

19800 Big Timbers Dr- Deputies were dispatched to a disturbance other type call. Investigation revealed juveniles engaged in a disturbance. No charges filed.

20000 Faye Oaks Dr- Deputies were dispatched to a child custody dispute type call. Investigation revealed there was a disagreement regarding the children.

0 Kings Lake Estates Blvd- Deputies were dispatched to a suspicious activity. Investigation revealed gate caused damaged to vehicle.

19900 River Brook Dr- Deputies were dispatched to a welfare check type call. Investigation revealed juvenile made an outcry, CPS was contacted.

20000 Timber Forest Dr- Deputies were dispatched to a welfare check type call. Investigation revealed family members engaged in a disturbance. No charges filed.

5300 FM 1960 Rd E- Deputies were dispatched to a welfare check type call. Investigation revealed consumer was transported to the hospital to get evaluated.

5600 FM 1960 Rd E- Deputy observed subject to have open warrants. Arrest was made.

5400 Fawn Trail Ln- Deputies were dispatched to a follow up type call. Investigation revealed damaged was caused on fence. Report completed.

0 Kings Lake Estates Blvd- Deputies were dispatched to an FSGI type call. Investigation revealed unknown suspect caused damaged to wall, fail to stop and give information.

5100 FM 1960 Rd E- Deputies were dispatched to a to an FSGI type call. Investigation revealed unknown driver caused damaged to vehicle, failed to stop and give information.

6199 Fm 1960 Rd E- Deputies were dispatched to a accident auto pedestrian type of call. Investigation revealed pedestrian was struck by vehicle. Non-life-threatening injuries.

5400 Deer Timbers Trl- Deputies were dispatched to a computer crime type call. Investigation revealed revealing footage was posted on social media. Investigation pending. Report completed.