

MINUTES OF BOARD OF DIRECTORS MEETING  
NOVEMBER 15, 2022

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 November 15, 2022 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 Lieutenant Steve Romero and Corporal Jeff Shipley of Harris County Precinct 4 Constable’s Office; Mr. Tim Spencer and Mr. Chris Davy 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 of BGE, Inc. (“BGE”), engineer for the District; Mr. Clint Gehrke and Mr. Evan Gehrke of Water Waste Water Management Services, Inc. (“WWWMS”), operator 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 October 18, 2022, 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 October 18, 2022, as presented.
3. **Security Report.** President Parker recognized Lieutenant Romero, who presented to and reviewed with the Board the Security Report for the month of October 2022, a copy of which is attached hereto as *Exhibit B*.
4. **Tax Collector’s Report and authorize payment of certain bills.** President Parker recognized Mr. Spencer, who reviewed the Tax Assessor and Collector’s Report for the month of October 2022, a copy of which is attached hereto as *Exhibit C*.

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 Tax Assessor and Collector’s Report and to authorize payment of check numbers 2247 through 2249, 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 Frank, seconded by Director Moore, 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. Kotlan, who presented to and reviewed with the Board the Engineer's Report, a copy of which is attached hereto as *Exhibit E*.

Mr. Kotlan reported on the utility relocations related to the FM 1960 widening and stated that the contractor is preparing a change order for the water line on project.

Mr. Kotlan reported on the Water Plant No. 2 Expansion, and presented Pay Estimate No. 17 in the amount of \$51,202.72 for approval. He stated that the work includes final punch list work. He noted that what is remaining is the record drawings and operating manuals, which have been submitted. He stated that there is still a \$97,000 retainage.

Mr. Kotlan reported on the Barents Drive Lift Station. He stated that BGE is working on resolving comments from the City of Houston.

Mr. Kotlan reported on the Wastewater Treatment Plant and stated that the project is in construction.

Mr. Kotlan reported on the Wastewater Treatment Plant Permit Renewal. He stated that the draft permit has been advertised and BGE is in the final public review period.

Mr. Kotlan discussed the service requests. He stated that BGE is working with the developer and engineer of the Madden tract to determine utility extension costs. He reported on Zimmerman Properties and stated that the developer's engineer is reviewing the feasibility.

Upon motion by Director Frank, seconded by Director Sulpizio, after full discussion and the question being put to the Board, the Board voted unanimously to accept the Engineer's Report and to approve Pay Estimate No. 17 to Schier Construction Company, Inc. in the amount of \$51,202.72.

7. **Review Operations Report, authorize repairs, approve termination of delinquent accounts in accordance with the District's Rate Order.** President Parker recognized Mr. Gehrke, who presented the Operations Report dated November 15, 2022 and a list of delinquent accounts, copies of which are attached hereto as *Exhibit F*. Mr. Gehrke reported that 100% of the water pumped was billed for the period October 1, 2022 through October 31, 2022.

Mr. Gehrke reported on various maintenance items.

Mr. Gehrke reported that the interconnect with Harris County Municipal Utility District No. 46 ("No. 46") was opened on August 4, 2022 and closed on October 25, 2022. Discussion ensued.

It was the consensus of the Board to include the discussion of the District's rate order on the December agenda.

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 Operations Report and to approve termination of the delinquent accounts in accordance with the terms of the District's Rate Order.

8. **Such other matters that may come before the Board.** There were no further reports.

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 December 20, 2022.

  
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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, November 15, 2022**. At such meeting, the Board will consider and act on the following matters:

1. Public comments;
2. Approve minutes of the meeting held on October 18, 2022;
3. Report by Harris County Precinct Four Constable and take any necessary action;
4. Review Tax Collector's Report and authorize payment of certain bills;
5. Review Bookkeeper's Report, and authorize payment of certain bills, and approve quarterly investment report;
6. Review Engineer's Report, including approval of pay estimates, authorization of change orders to pending construction contracts, proposal for construction materials testing, annexation matters and authorize capacity commitments;
7. Approve Operations Report, authorize repairs, approve termination of delinquent accounts in accordance with the District's Rate Order;
8. And such other matters as may properly come before the Board.



Norton Rose Fulbright US LLP  
Attorneys for District

Exhibit A

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.

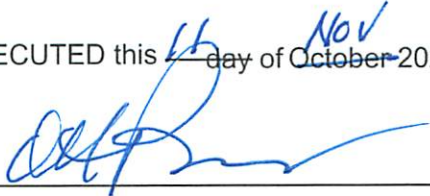
Persons with disabilities who plan to attend this meeting and would like to request auxiliary aids or services are requested to contact the District's paralegal at (713) 651-5589 at least three business days prior to the meeting so that appropriate arrangements can be made.

CERTIFICATE OF POSTING NOTICE  
OF MEETING OF BOARD OF DIRECTORS

THE STATE OF TEXAS §  
COUNTY OF HARRIS §  
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 109 §

I hereby certify that on Nov. 11 2022, 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 11 day of Nov 2022.



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## Jane Maher

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**From:** Russell Lambert <russ@texasnetwork.com>  
**Sent:** Wednesday, November 9, 2022 7:47 PM  
**To:** Jane Maher  
**Cc:** The Texas Network; Solana Morton  
**Subject:** RE: 109 & AJOB November Postings

Posted

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

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**From:** Jane Maher <jane.maher@nortonrosefulbright.com>  
**Sent:** Wednesday, November 9, 2022 3:59 PM  
**To:** Russell Lambert <russ@texasnetwork.com>  
**Cc:** The Texas Network <support@texasnetwork.com>; Solana Morton <solana.morton@nortonrosefulbright.com>  
**Subject:** RE: 109 & AJOB November 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  
1301 McKinney, Suite 5100, Houston, Texas 77010-3095, 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](http://nortonrosefulbright.com)

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**From:** Jane Maher  
**Sent:** Tuesday, October 11, 2022 1:41 PM  
**To:** Russell Lambert <[russ@texasnetwork.com](mailto:russ@texasnetwork.com)>  
**Cc:** Texas Network <[support@texasnetwork.com](mailto:support@texasnetwork.com)>; Solana Morton <[solana.morton@nortonrosefulbright.com](mailto:solana.morton@nortonrosefulbright.com)>  
**Subject:** RE: 109 & AJOB October 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  
1301 McKinney, Suite 5100, Houston, Texas 77010-3095, United States  
Tel +1 713 651 5589 | Fax +1 713 651 5246  
jane.maher@nortonrosefulbright.com



# 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 October 2022

#### Categories

Burglary Habitation: 0	Burglary Vehicle: 2	Theft Habitation: 0
Theft Vehicle: 2	Theft Other: 2	Robbery: 1
Assault: 1	Sexual Assault: 0	Criminal Mischief: 4
Disturbance Family: 15	Disturbance Juvenile: 0	Disturbance Other: 3
Alarms: 19	Suspicious Vehicles: 10	Suspicious Persons: 14
Runaways: 0	Phone Harrassment: 0	Other Calls: 694

#### 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
137	28	9	1	0	0	9	0	0	458	9
E128	28	30	4	0	0	32	0	0	683	12
E129	70	43	24	1	2	32	0	5	1187	21
E130	39	24	19	0	1	24	0	3	799	18
<b>TOTAL</b>	<b>165</b>	<b>106</b>	<b>48</b>	<b>1</b>	<b>3</b>	<b>97</b>	<b>0</b>	<b>8</b>	<b>3127</b>	<b>60</b>

#### Summary of Events

##### Alarms:

Deputies responded to 19 alarm calls.

##### Checks:

Deputies conducted numerous combined park checks, neighborhood checks, 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.

19700 Atasca Oaks Dr.- Deputy conducted a traffic stop within contract. Investigation revealed that driver of vehicle displayed signs of intoxication and was arrested. Report was completed.

19700 Burle Oaks Ct.- Deputy conducted a traffic stop on a motor vehicle. The driver was cited

and their vehicle was towed due to no insurance and no license.

5600 FM 1960 Rd E – Deputy conducted a traffic stop. Investigation revealed the license plate was fraudulent. The driver was cited and report was taken for court.

#### Burglary Vehicle:

5500 Deer Timbers Trl – Deputy responded to a BMV call. Investigation revealed unknown suspects entered the complainant's unlocked vehicle and damaged it in an attempt to steal it.

5600 Fawn Trail Dr – Deputy responded to a BMV call. Investigation revealed unknown suspects forced entry into the complainant's vehicle, stole property, and fled.

#### Stolen Vehicle:

19900 Bambiwoods Dr. – Deputy responded to a Stolen Vehicle type call. Investigation revealed unknown subject(s) removed vehicle without owner consent or knowledge. Report generated.

19900 Bambiwoods Dr. – Deputy responded to a Stolen Vehicle type call. Investigation revealed unknown subject(s) removed vehicle without owner consent or knowledge. Report generated.

#### Theft Other:

5400 Enchanted Mist Dr.- Deputies were dispatched to a theft other type call. Investigation revealed that unknown suspects stole the catalytic converter from vehicle and left undetected. Report was completed.

20600 Pioneer Oak Dr. – Deputy responded to a Theft Other type call. Investigation revealed an unknown subject removed the catalytic converter without owner consent or knowledge then fled in an unknown direction. Report generated.

#### Robbery:

5800 Ancient Oaks Dr.- Deputies were dispatched to an aggravated robbery type call. Investigation revealed that unknown suspect pointed a weapon at victim who is a ATM technician and demanded his work keys. Report was completed.

#### Assault:

20100 Timber Forest Dr. – Deputy responded to an Assault type call. Investigation revealed a juvenile physically assaulted another juvenile. Arrest made. Report generated

#### Criminal Mischief:

20600 W. Lake Houston Pkwy – Deputy responded to a Criminal Mischief type call. Investigation revealed unknown subject(s) broke the glass front on a business then fled in an unknown direction. Report generated.

5500 Deer Timbers Trl – Deputy responded to a criminal mischief. Investigation revealed unknown suspect broke the vehicle window and fled.

5400 Enchanted Mist Dr.- Deputies were dispatched to a criminal mischief type call. Investigation revealed that unknown suspects caused damage to vehicle while attempting to steal the catalytic converter and left prior to police arrival. Report was completed.

5200 Enchanted Timbers Dr.- Deputies responded to a criminal mischief type call. Investigation revealed that unknown suspect damaged a mailbox and left location. Report was completed.

#### Disturbance Family:

19700 Burle Oaks Ct.- Deputies were dispatched to a family assault type call. Investigation revealed that two known subjects were involved in a verbal and physical altercation. ADA's office declined charges and a report was completed.

19400 Atasca Oaks Dr.-Deputies were dispatched to a family assault type call. Investigation revealed that known suspect assaulted a family member. ADA's Office accepted charges and suspect was arrested. Report as completed.

5200 Moonshadows Dr.- Deputies were dispatched to a family assault type call. Investigation revealed that two known subjects were involved in a verbal and physical altercation. No charges were accepted and report was completed

5200 Enchanted Timbers Dr.- Atasca Oaks Dr.-Deputies were dispatched to a family assault type call. Investigation revealed that both parties were involved in a mutual fight. Report was completed.

5200 Straight Arrow Dr.- Deputies responded to a family disturbance type call. Investigation revealed that male suspect was at location causing a disturbance. Parties were separated and report was completed.

5200 Straight Arrow Dr.- Deputies responded to a family disturbance type call. Investigation revealed that male suspect was at location causing a disturbance. Parties were separated and report was completed.

5200 Moonshadows Dr.- Deputies were dispatched to a family disturbance type call. Investigation revealed that two known subjects were involved in a verbal and physical altercation. No charges were accepted and report was completed

5200 Enchanted Timbers Dr.- Atasca Oaks Dr.-Deputies were dispatched to family disturbance type call. Investigation revealed that both parties were involved in a mutual fight. Report was completed.

5300 Deer Timbers Trl. – Deputy responded to a family disturbance call. Investigation revealed a male physically assaulted a female he was in a dating relationship with. Arrest made. Report generated.

19100 Moon Trail Dr - Deputy responded to a family disturbance call. Investigation revealed a male physically assaulted a female. Arrest made. Report generated.

20200 Big Timber Ct. – Deputy responded to a Disturbance Family type call. Investigation revealed male and female in a dating relationship had verbal argument. Report generated.

19800 Burle Oak Dr. – Deputy responded to a Disturbance Family type call. Investigation revealed a verbal argument between a married couple. Report generated.

20200 Dawn Mist Dr. – Deputy responded to a Disturbance Family type call. Investigation revealed verbal argument between family members. Report generated

4900 Winding View Ln. – Deputy responded to a Disturbance Family type call. Investigation revealed married couple in verbal argument. Report generated.

5400 Dove Forest Dr. – Deputy responded to a Disturbance Other type call. Investigation revealed a male and female in verbal argument. Report generated.

#### Other Calls

5300 Dove Forest Dr. – Deputy responded to an Indecent exposure type call. Investigation revealed a male exposed himself to a juvenile. Report generated.

20200 Big Timber Ct – Deputy responded to a drive by shooting. Investigation revealed unknown suspects fired rounds towards a home. No injuries and no suspect information.

20200 Dawn Mist Ct. – Deputy responded to an Animal Aggressive type call. Investigation revealed victim was bitten by neighbors dog. Report generated.

20200 Dawn Mist Ct. – Deputy responded to an Animal Aggressive type call. Investigation revealed owner of dogs allowed to run at large. Report generated.

19800 Burle Oak Dr. – Deputy responded to a Mental Health type call. Investigation revealed a consumer in mental crisis who was transported for an evaluation. Report generated.

5500 Deer Timbers Trl - Deputy responded to a Mental Health type call. Investigation revealed a consumer in mental crisis who was transported for an evaluation. Report generated.

19200 Oak Timbers Dr. – Deputy responded to a Mental Health type call. Investigation revealed a consumer in mental crisis who was transported for an evaluation. Report generated.

5700 FM 1960 Rd. E. – Deputy responded to a Credit Card Abuse type call. Investigation revealed purchases made on a deceased family members personal information. Report generated.

5600 FM 1960 Rd E. – Deputy responded to a Fraudulent Use of ID type call. Investigation revealed fraudulent transaction made at a business. Report generated.

5800 Rivergrove Park Dr – Deputy responded to a Lost property type call. Investigation revealed Victim lost personal property during a move to Texas. Report generated.

5400 Mossy Timbers Dr.- Deputies were dispatched to a mental health call. Investigation revealed that the subject has history of mental health issues and was being a threat to himself and others. Male was taken to hospital for mental evaluation.

5500 Enchanted Timbers Dr.- Deputies were dispatched to location in reference to lost property. Investigation revealed that reporting party needed a police report for missing government documents. Report was completed.

5500 Green Timbers Dr – Deputy conducted a welfare check on a family and notified CPS and APS of the situation.

5300 Misty Moon Dr.- Deputies responded to a terroristic threat type call. Investigation revealed that known suspect made verbal threats during phone conversation. No charges were accepted due to no evidence. Report was completed.

5200 Straight Arrow Dr.- Deputies responded to a suspicious person type call. Investigation led to

the arrest of subject for violating a protective order and an outstanding warrant. Report was completed.



# Harris County Municipal Utility District Number 109

## Tax Collector's Report

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#### Disbursements for November 15, 2022:

#2247: Ad Valorem Appraisals Inc; Tax A/C Fee-11/2022	\$2,855.76
#2248: Perdue Brandon Fielder Collins & Mott; Tax Atty Fee: 10/2022	2,154.73
#2249: James A & Patrice S Reynolds; Refund 114-350-013-0003	<u>58.79</u>
<b>Total Disbursements for November 15, 2022</b>	<b><u>\$5,069.28</u></b>

Exhibit C

# Harris County Municipal Utility District Number 109

## Tax Collector's Report

Current Period Covered: October 1, 2022 to October 31, 2022

Fiscal Year Beginning: June 1, 2022

<u>Cash Receipts and Disbursements</u>	<u>Current Period</u>	<u>Year to Date</u>
Cash Balance at Beginning of Period	\$84,553.98	\$359,684.20
Collections:		
2022 Tax Collections	47,222.20	47,222.20
2021 Tax Collections	6,933.13	43,746.33
2020 Tax Collections	737.81	4,142.18
2019 Tax Collections	1,292.17	1,669.36
2018 Tax Collections	0.00	1,669.11
2017 Tax Collections	0.00	126.75
Penalty and Interest	1,916.90	12,120.58
Tax Attorney Fees	2,154.73	11,177.98
Overpayments	58.79	13,011.13
Interest Earned	<u>43.93</u>	<u>387.07</u>
Total Collections	60,359.66	135,272.69
Disbursements:		
Tax Assessor-Collector Fee	2,855.76	14,288.58
Data Processing Charges	0.00	4,029.60
Tax Attorney Fee	3,032.66	9,574.70
Appraisal District Quarterly Fee	0.00	12,930.64
Transfer to Debt Service Fund	0.00	181,250.00
Transfer to Maintenance Account	0.00	118,750.00
Publication Costs	845.90	845.90
Refund Overpayments	<u>0.00</u>	<u>15,108.15</u>
Total Disbursements	<u>6,734.32</u>	<u>356,777.57</u>
Cash Balance at End of Period	<u>\$138,179.32</u>	<u>\$138,179.32</u>

# Harris County Municipal Utility District Number 109

## Tax Collector's Report Taxes Receivable Summary as of October 31, 2022

### 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>
2022	\$3,607,569.78	\$47,222.20	\$3,560,347.58	1.31%
2021	3,382,906.85	3,345,679.29	37,227.56	98.90%
2020	3,164,487.11	3,148,333.56	16,153.55	99.49%
2019	3,081,419.47	3,066,375.12	15,044.35	99.51%
2018	2,906,820.36	2,897,872.27	8,948.09	99.69%
2017	2,895,613.63	2,886,540.88	9,072.75	99.69%
2016	2,808,690.61	2,801,679.43	7,011.18	99.75%
2015	2,573,712.76	2,568,634.64	5,078.12	99.80%
2014	2,301,769.82	2,296,812.58	4,957.24	99.78%
2013	2,097,527.32	2,093,511.90	4,015.42	99.81%
2012	2,071,519.13	2,067,935.45	3,583.68	99.83%
2011	2,121,714.06	2,118,584.76	3,129.30	99.85%
2010	2,138,895.52	2,135,737.86	3,157.66	99.85%
2009	2,160,628.25	2,157,562.99	3,065.26	99.86%
2008	2,142,045.24	2,139,697.48	2,347.76	99.89%
2007	2,084,977.70	2,082,208.47	2,769.23	99.87%
2006	2,108,720.67	2,106,761.21	1,959.46	99.91%
2005	2,197,283.24	2,195,543.57	1,739.67	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>
<b>Totals</b>	<b><u>\$71,945,402.63</u></b>	<b><u>\$68,249,621.20</u></b>	<b><u>\$3,695,781.43</u></b>	<b><u>94.86%</u></b>



# Harris County Municipal Utility District Number 109

## Tax Collector's Report Taxes Receivable Summary as of October 31, 2022

### Tax Roll Information

<u>Year</u>	<u>Taxable Value</u>	<u>Annual Change</u>	<u>Debt Maintenance Tax Rate</u>		<u>Total Tax Rate</u>	<u>Exemptions</u>
2022	767,567,986	8.95%	0.25000	0.22000	0.47000	25,000 O/D
2021	704,497,949	6.86%	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 2022 Tax Levy and Adjustments as of October 31, 2022

<u>2022 Tax Rate: \$0.47 (0.25 I&amp;S + 0.22 M&amp;O)</u>		<u>Taxable Value</u>	<u>Tax Levy</u>
Original Tax Roll:	9/2/2022	\$709,377,213	\$3,334,073.15
Adjustments:			
Supplemental Roll 1	9/23/2022	29,275,342	137,594.11
Supplemental Roll 2	10/15/2021	<u>28,915,431</u>	<u>135,902.53</u>
Total Adjustments		<u>58,190,773</u>	<u>273,496.63</u>
Total Tax Levy		<u>\$767,567,986</u>	<u>\$3,607,569.78</u>

### Summary of 2022 Certified Property Values:

<u>Land Value</u>	<u>Improvements</u>	<u>Personalty</u>	<u>Assessed</u>	<u>Exemptions</u>	<u>Taxable Value</u>
137,033,129	705,768,610	16,988,735	859,790,474	92,222,488	767,567,986

218 Accounts Remain Uncertified 35,356,231

Total Estimated Taxable Value 802,924,217

# Harris County Municipal Utility District Number 109

## Tax Collector's Report Tax Collections for October, 2022

<u>Property Owner</u>	<u>Account No</u>	<u>Tax Amount</u>	<u>Pen &amp; Int</u>	<u>Atty/Cost</u>	<u>Overpaid</u>	<u>Total Pmt</u>
2022 Tax Collections:						
Various Accounts	38 Accounts	\$46,382.31	\$6.35	\$0.00	\$0.00	\$46,388.66
Reynolds James A & Patrice J	114-350-013-0003	<u>839.89</u>	<u>0.00</u>	<u>0.00</u>	<u>58.79</u>	<u>898.68</u>
Total 2022 Tax Collections		<u>\$47,222.20</u>	<u>\$6.35</u>	<u>\$0.00</u>	<u>\$58.79</u>	<u>\$47,287.34</u>
2021 Tax Collections:						
Ovation Rentals LLC	102-072-000-0010	\$1,029.06	\$216.11	\$249.03	\$0.00	\$1,494.20
Barton Albert John & Brenda S	108-492-000-0017	173.69	36.47	42.03	0.00	252.19
Coostello Thomas J	111-527-000-0007	782.26	164.27	189.31	0.00	1,135.84
Gloria Simon & Maria	113-135-000-0013	275.48	57.85	66.67	0.00	400.00
Wade James Jr	113-135-000-0015	139.94	28.68	33.72	0.00	202.34
Millican Jason D & Christine A	113-135-000-0023	852.94	170.59	204.71	0.00	1,228.24
Rodriguez Able	114-139-017-0043	117.08	24.59	28.33	0.00	170.00
Quijano Hilda Gisela	114-350-016-0016	416.67	83.33	100.00	0.00	600.00
Travis Kim & Monique	115-511-022-0001	100.00	0.00	0.00	0.00	100.00
Curry Pedro A	118-705-001-0026	1,017.40	213.66	246.21	0.00	1,477.27
Thomasminaie Kanik A	119-320-003-0013	1,015.95	213.35	245.86	0.00	1,475.16
Shelton Jet	119-320-003-0020	<u>1,012.66</u>	<u>212.66</u>	<u>245.06</u>	<u>0.00</u>	<u>1,470.38</u>
Total 2021 Tax Collections		<u>\$6,933.13</u>	<u>\$1,421.56</u>	<u>\$1,650.93</u>	<u>\$0.00</u>	<u>\$10,005.62</u>
2020 Tax Collections:						
Costello Thomas J	111-527-000-0007	<u>\$737.81</u>	<u>\$243.48</u>	<u>\$196.26</u>	<u>\$0.00</u>	<u>\$1,177.55</u>
Total 2020 Tax Collections		<u>\$737.81</u>	<u>\$243.48</u>	<u>\$196.26</u>	<u>\$0.00</u>	<u>\$1,177.55</u>
2019 Tax Collections:						
Alexander Arthur	121-882-001-0001	<u>\$1,292.17</u>	<u>\$245.51</u>	<u>\$307.54</u>	<u>\$0.00</u>	<u>\$1,845.22</u>
Total 2019 Tax Collections		<u>\$1,292.17</u>	<u>\$245.51</u>	<u>\$307.54</u>	<u>\$0.00</u>	<u>\$1,845.22</u>
Summary of Other Collections			<u>\$1,916.90</u>	<u>\$2,154.73</u>	<u>\$58.79</u>	60,315.73
Interest Earnings						<u>43.93</u>
Total Collected during Month						<u>\$60,359.66</u>



# Harris County Municipal Utility District Number 109

## Tax Collector's Report Taxes Receivable Detail as of October 31, 2022

<u>Property Owner</u>	<u>Account No.</u>	<u>2021 Tax</u>	<u>2020 Tax</u>	<u>2019 Tax</u>	<u>2018 Tax</u>	<u>Prior Yrs</u>
Exchange Church Houston	043-206-000-0195	\$0.00	\$816.49	\$0.00	\$0.00	\$0.00
Wu & Chen Investment LL	102-063-000-0008	0.00	0.00	248.01	0.00	0.00
D:Vineyard Travis & Danell	102-065-000-0007	627.44	559.49	552.96	581.84	3,310.66
Q:Alfaro Jesus S	102-067-000-0011	76.44	0.00	0.00	0.00	0.00
D:Gaddis John M	102-068-000-0021	725.87	648.97	758.83	0.00	0.00
D:Catlin Steven L	102-069-000-0004	107.77	97.98	89.07	77.52	0.00
Ochoa Ramiro & Patricia	102-072-000-0007	1,715.46	0.00	0.00	0.00	0.00
P:Hodge Jerry David	108-488-000-0003	780.19	0.00	0.00	0.00	0.00
Q:Flores Marilu H	108-488-000-0008	214.20	0.00	0.00	0.00	0.00
D:Tolliver Cletis F & Glend	108-489-000-0011	795.29	728.43	0.00	0.00	0.00
D:Strengel Kris C	108-494-000-0020	830.07	758.52	747.60	859.70	7,665.72
Wilson Rita J	108-494-000-0037	783.72	654.37	0.00	0.00	0.00
Felchak Kenneth W & Ruby	108-496-000-0031	708.44	0.00	0.00	0.00	0.00
Wilson Dewey M	108-497-000-0032	678.39	620.57	603.40	708.16	2,045.11
D:Key Sherry R	109-142-000-0001	599.32	539.39	484.90	360.88	123.40
D:Cartwright Ed & Diane	109-142-000-0034	591.96	591.09	526.44	550.92	4,109.80
P:Reese Evelyn M	109-143-000-0004	426.94	0.00	0.00	0.00	0.00
D:Brokaw Sharon	109-144-000-0002	544.19	0.00	444.96	475.30	1,010.49
S:Lipsev Pahjmon	109-144-000-0007	680.68	694.07	660.75	0.00	0.00
Hooper Charles R III	110-750-000-0042	610.02	0.00	0.00	0.00	0.00
S:Riley Michael E & Tamar	110-750-000-0050	687.13	700.92	0.00	0.00	0.00
James Herbert Jr	111-527-000-0004	865.56	0.00	0.00	0.00	0.00
S:Deyle Kurt	111-527-000-0010	740.13	672.85	611.68	234.17	0.00
Rodriguez Gregorio & Maria	111-528-000-0010	665.62	0.00	0.00	0.00	0.00
Barbosa Jose A Jr & Claudi	111-766-000-0024	0.00	201.06	892.05	0.00	0.00
Turner Mellisa M	113-132-000-0029	540.81	0.00	0.00	0.00	0.00
D:Curry Arthur W & Sharon	113-133-000-0008	406.50	0.00	0.00	0.00	0.00
Smith James D	113-133-000-0026	697.28	0.00	0.00	0.00	0.00
S:Gloria Simon & Maria	133-135-000-0013	534.68	0.00	0.00	0.00	0.00
P:Wade James Jr	113-135-000-0015	650.81	0.00	0.00	0.00	0.00
Otto K T Estate	113-138-000-0003	661.54	0.00	0.00	0.00	0.00
D:Sanchez Olga	113-142-000-0043	386.79	0.00	0.00	0.00	0.00
Trevino Gloria & Rodolfo	113-144-000-0014	650.90	0.00	0.00	0.00	0.00
S:Jackson Keshell	114-139-009-0015	758.96	717.52	652.30	612.80	1,245.34
Chicosky Gregory P	114-139-010-0017	0.00	0.00	563.41	0.00	0.00
Heng Jonathan	114-139-010-0027	681.48	0.00	0.00	0.00	0.00
D:Paxton Roy C & Debbie M	114-139-010-0036	465.25	429.28	379.35	0.00	188.48
Lacour Carey L & Vanita	114-139-013-0053	739.39	688.33	0.00	0.00	0.00
D:Gonzalez Virginia	114-139-015-0003	596.54	547.43	487.49	527.53	488.00
Geibe Virginia	114-139-015-0004	0.00	0.00	477.24	0.00	0.00
D:Cook Julia S	114-139-015-0036	545.68	609.82	432.25	468.45	3,258.19
P:Rodriguez Able	114-139-017-0043	261.14	0.00	0.00	0.00	0.00
Walton Gregory L	114-350-014-0012	561.99	0.00	0.00	0.00	0.00
Pearl Virgil L & Jacalyn	114-350-014-0099	789.81	0.00	0.00	0.00	0.00
Blow Frederick E & Cheryl	114-350-015-0118	0.00	0.00	0.00	1,036.24	1,057.39
Cobble Aimee	114-350-015-0123	787.29	0.00	0.00	0.00	0.00
P:Quijano Hilda Gloria	114-350-016-0016	584.86	0.00	0.00	0.00	0.00
D:Harris Virginia B	114-350-016-0083	955.49	869.22	855.21	868.88	4,941.84
D:Knight Chris & Terry	115-511-019-0012	1,147.98	1,032.72	0.00	0.00	0.00
Mangini Debra D	115-511-021-0031	1,137.35	0.00	0.00	0.00	0.00
S:Mitchem Anna M	115-511-021-0036	0.00	0.00	0.00	258.74	0.00
P:Travis Kim & Monique	115-511-022-0001	418.55	0.00	0.00	0.00	0.00
Kennery Ralph & Francine	115-511-022-0003	1,321.88	0.00	0.00	0.00	0.00

# Harris County Municipal Utility District Number 109

## Tax Collector's Report Taxes Receivable Detail as of October 31, 2022

Property Owner	Account No.	2021 Tax	2020 Tax	2019 Tax	2018 Tax	
Rosques Sandra P	116-276-000-0580	0.00	0.00	2,976.58	0.00	0.00
Ebanks Lilith A	118-705-001-0049	0.00	120.00	0.00	0.00	0.00
Chanel Trust	118-705-004-0005	120.00	0.00	0.00	0.00	0.00
Marendes David K & Joyce	119-848-002-0024	121.99	0.00	0.00	0.00	0.00
Holley Guniganti Kings	120-416-002-0007	26.84	0.00	0.00	0.00	0.00
Gomez Cecila	123-226-003-0046	797.16	728.20	0.00	0.00	0.00
Keen Jason O	139-765-002-0008	1,530.47	0.00	0.00	0.00	0.00
Rivergrove HOA	18 Accounts	242.21	0.00	0.00	0.00	0.00
Allstate Insurance Company	0435798	62.50	70.06	81.25	0.00	0.00
Digital Professionals Compt	2064780	21.63	21.63	21.63	21.89	135.32
B & L Capital Inc	2154083	19.99	20.08	15.90	24.08	206.42
Kevin R Culp	2157330	41.58	43.58	43.58	46.42	411.16
S:Dupree Express Trucking	2172915	86.07	86.07	86.07	99.37	842.14
Motolease Financial LLC	2200564	13.63	16.50	21.52	0.00	0.00
ARC Insurance Agency	2209050	43.75	43.75	43.75	44.66	140.35
S:James Lewis	2213148	16.57	24.50	31.25	39.75	298.50
Phones-R-Us Inc	2289501	54.29	54.29	54.29	54.59	0.00
Tomas A Arden Landaverde	2313791	85.23	0.00	0.00	0.00	0.00
Serenty Health Services LL	2337347	30.91	40.32	0.00	0.00	0.00
Gabriel Martinez	2338191	96.76	0.00	0.00	0.00	0.00
Amfah Investments LLC	2343023	210.67	175.29	0.00	0.00	0.00
Spoiled Mutts	2343180	90.26	90.26	0.00	0.00	0.00
Di Maria Fresh Food	2343249	121.47	0.00	0.00	0.00	0.00
CRT Services	2343848	748.80	0.00	0.00	0.00	0.00
Fresh Ink Media Group	2344047	54.92	54.92	0.00	0.00	0.00
Adorn Tattoo	2344404	18.40	18.40	0.00	0.00	0.00
Cobos BBQ LLC	2352871	146.40	146.40	0.00	0.00	0.00
All Me Hotshot Logistics	2353748	87.38	0.00	0.00	0.00	0.00
Ismeal Anaya	2363334	226.80	287.85	0.00	0.00	0.00
Prior Years Personal Property		<u>373.10</u>	<u>932.93</u>	<u>1,200.63</u>	<u>996.20</u>	26,091.90
<b>Total Receivable</b>		<b><u>\$36,227.56</u></b>	<b><u>\$16,153.55</u></b>	<b><u>\$15,044.35</u></b>	<b><u>\$8,948.09</u></b>	<b>57,570.21</b>





MUNICIPAL ACCOUNTS  
& CONSULTING, L.P.

**Bookkeeper's Report | November 15, 2022**

# **Harris County Municipal Utility District No. 109**

Exhibit D



**WEBSITE**

[www.municipalaccounts.com](http://www.municipalaccounts.com)



**ADDRESS**

1281 Brittmoore Road  
Houston, Texas 77043



**CONTACT**

Phone: 713.623.4539  
Fax: 713.629.6859

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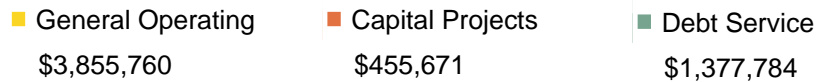


## Spotlight On Water Accountability

Why is this number so important? Your District's annual accountability is a snapshot of the overall health of your water system and the facilities that supply water and wastewater to your residents. For Districts who are a Master District and managing facilities on behalf of the partner Districts, anything above 90% is considered normal. But sometimes percentages don't resonate in a meaningful way. Using our formula, we give you a rough estimate of what each 1% of your Water Accountability generates in dollars. When you know a dollar amount, it becomes more valuable, as you understand what each 1% is worth to the potential bottom line of your District.

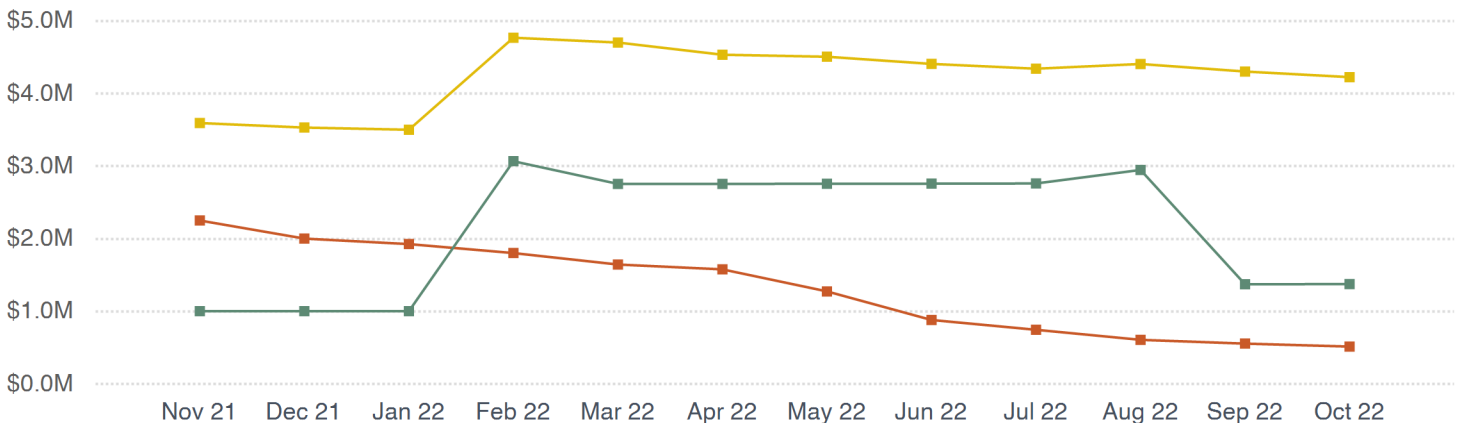
2018	2019	2020	2021	Annually
<b>Gallons Pumped / Purchased</b> 322,053,000	<b>Gallons Pumped / Purchased</b> 307,461,000	<b>Gallons Pumped / Purchased</b> 318,222,000	<b>Gallons Pumped / Purchased</b> 331,387,000	1% of Water Accountability equals approximately:
<b>Billed</b> 286,671,000	<b>Billed</b> 262,831,000	<b>Billed</b> 279,874,000	<b>Billed</b> 288,228,000	
<b>RATIO 89.01%</b>	<b>RATIO 85.48%</b>	<b>RATIO 87.95%</b>	<b>RATIO 86.98%</b>	<b>\$23,238</b>

### Account Balance | As of 11/15/2022



**Total For All Accounts: \$5,689,215**

### Account Balance By Month | November 2021 - October 2022



# Monthly Financial Summary - General Operating Fund

Harris County MUD No. 109 - GOF

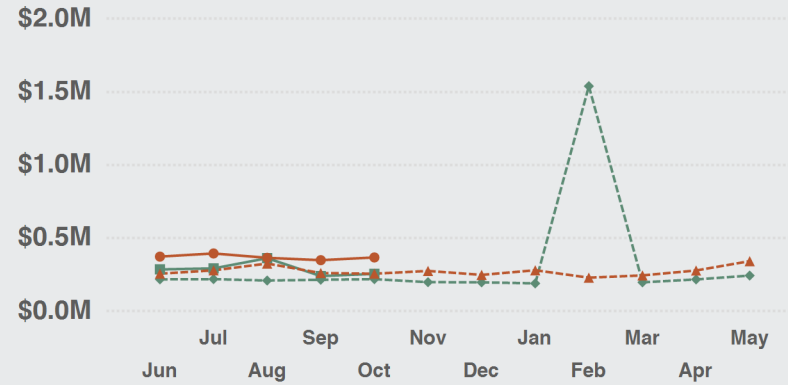


## Account Balance Summary

<b>Balance as of 10/19/2022</b>	<b>\$3,937,174</b>
Receipts	667,498
Disbursements	(748,911)
<b>Balance as of 11/15/2022</b>	<b>\$3,855,760</b>

## Overall Revenues & Expenditures By Month (Year to Date)

—■ Current Year Revenues      - - -▲ Prior Year Revenues  
—■ Current Year Expenditures      - - -▲ Prior Year Expenditures



## October 2022

### Revenues

Actual	Budget	Over/(Under)
\$254,897	\$213,673	\$41,223

### Expenditures

Actual	Budget	Over/(Under)
\$367,155	\$285,511	\$81,644

## June 2022 - October 2022 (Year to Date)

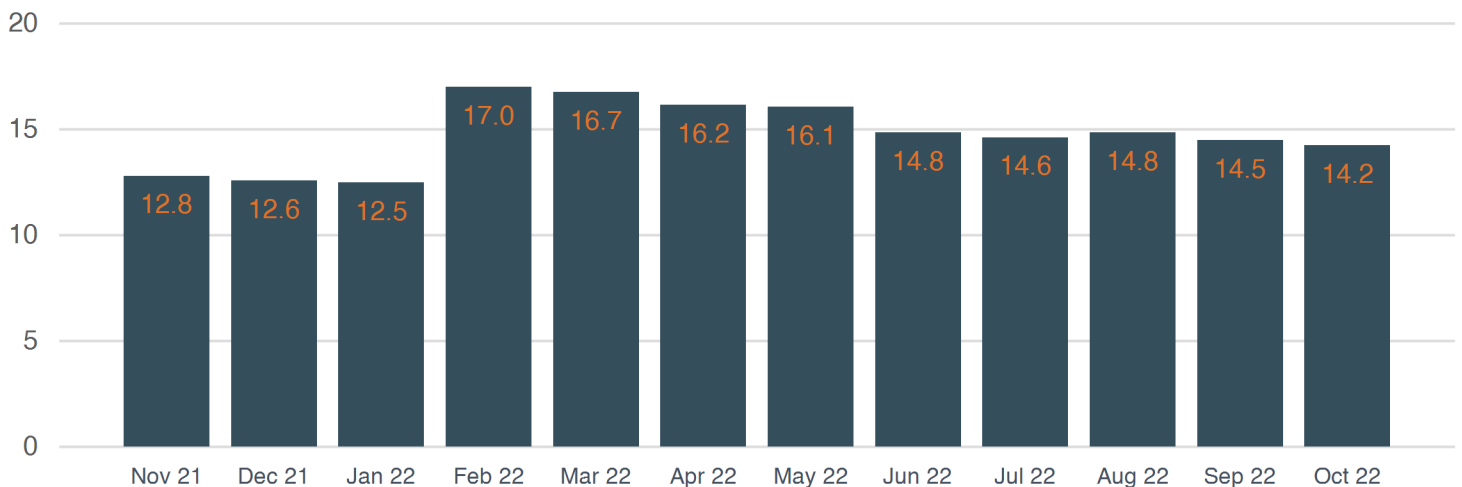
### Revenues

Actual	Budget	Over/(Under)
\$1,433,734	\$1,436,324	(\$2,590)

### Expenditures

Actual	Budget	Over/(Under)
\$1,847,420	\$1,749,163	\$98,257

## Operating Fund Reserve Coverage Ratio (In Months)



# Cash Flow Report - Checking Account

Harris County MUD No. 109 - GOF



Number	Name	Memo	Amount	Balance
<b>Balance as of 10/19/2022</b>				<b>\$2,699.66</b>
<b>Receipts</b>				
	HC 151 Water Supply		4,877.60	
	Reserve Refund Atascocita Joint Operations		86,171.86	
	Wire Transfer from Lockbox		233,806.44	
	Interest Earned on Checking		304.62	
	Wire Transfer from Money Market		95,000.00	
<b>Total Receipts</b>				<b>\$420,160.52</b>
<b>Disbursements</b>				
15691	Nancy Frank	VOID: Fees of Office - 10/18/2022	0.00	
15736	Centerpoint Energy	Utilities Expense	(247.35)	
15737	Century Link	Telephone Expense	(898.88)	
15738	Texas Pride Utilities	Forest Timbers Drive - Pay Estimate 1	(47,624.00)	
15739	Cheryl C. Moore	Fees of Office - 11/15/2022	(138.53)	
15740	Chris Green	Fees of Office - 11/15/2022	(138.52)	
15741	Nancy Frank	Fees of Office - 11/15/2022	(138.52)	
15742	Owen H. Parker	Fees of Office - 11/15/2022	(138.52)	
15743	Robin Sulpizio	Fees of Office - 11/15/2022	(138.53)	
15744	Cheryl C. Moore	Expense	(29.95)	
15745	Chris Green	Fees of Office - 11/07/22 and Expense	(202.83)	
15746	Nancy Frank	Expense	(29.95)	
15747	Owen H. Parker	Fees of Office - 11/07/22 & Expense	(178.77)	
15748	Robin Sulpizio	Expense	(65.00)	
15749	Arlene Upshaw	Deposit Refund	(49.14)	
15750	Chester & Celeste Dunham	Deposit Refund	(36.14)	
15751	Diego Olveda	Deposit Refund	(22.09)	
15752	Edward Cadengo	Deposit Refund	(25.01)	
15753	Elijah James White	Deposit Refund	(138.00)	
15754	Erum Hassan	Deposit Refund	(81.36)	
15755	Homeriver Group Management, LLC	Deposit Refund	(174.00)	
15756	HP Texas 1, LLC	Deposit Refund	(143.68)	
15757	James Weese	Overpayment Refund	(67.90)	
15758	Javonne J Lieteau	Deposit Refund	(10.62)	
15759	K Ray Shrum	Deposit Refund	(98.14)	
15760	Lynette Winget	Deposit Refund	(57.47)	
15761	Lynn A Caudill	Deposit Refund	(92.79)	
15762	Lynn A Leventhal	Deposit Refund	(11.37)	
15763	Marla R Jackson	Deposit Refund	(87.42)	
15764	Melon E Legesse	Deposit Refund	(160.67)	
15765	Myron Lee Weber	Deposit Refund	(152.18)	
15766	OP Gold, LLC	Deposit Refund	(178.34)	
15767	Orchard Property III, LLC	Deposit Refund	(82.95)	

# Cash Flow Report - Checking Account

Harris County MUD No. 109 - GOF



Number	Name	Memo	Amount	Balance
<b>Disbursements</b>				
15768	Priscilla Kuehner	Deposit Refund	(94.13)	
15769	Ricardo Valdez	Deposit Refund	(47.46)	
15770	Rocking K Holdings, LLC	Deposit Refund	(154.13)	
15771	SFR JV-1 2020-1 Borrower, LLC	Deposit Refund	(145.43)	
15772	Shana Williams	Deposit Refund	(43.60)	
15773	Association of Water Board Directors	AWBD Mid Winter Conference - Moore	(430.00)	
15774	Atascocita Joint Operations Board	Schedule B & C Costs	(43,827.33)	
15775	BGE, Inc.	Engineering Fees	(2,620.96)	
15776	CDC Unlimited, LLC	Mowing Expense	(3,626.50)	
15777	Chlorinator Maint. Co., Inc.	Repairs & Maintenance	(2,670.98)	
15778	DXI Industries	Chemical Expenses	(2,554.00)	
15779	GFL Environmental	Garbage Expense	(1,155.98)	
15780	Harris County Treasurer	Patrol Services	(19,400.00)	
15781	Hudson Energy	Utilities Expense	(11,594.70)	
15782	Municipal Accounts & Consulting, L.P.	Bookkeeping Fees	(4,091.07)	
15783	Napco Chemicals	Chemicals Expense	(9,718.33)	
15784	NHCRWA	Water Authority Fees	(191,256.55)	
15785	Norton Rose Fulbright US LLP	Legal Fees	(4,475.99)	
15786	Today's Integration	Security Monitoring	(8,056.04)	
15787	Water Utility Services, Inc.	Laboratory Fees	(340.00)	
15788	WWWMS	Maintenance and Operations	(60,863.30)	
15789	Centerpoint Energy	Utilities Expense	0.00	
15790	Century Link	Utilities Expense	0.00	
Fee	Central Bank	Service Charge	(40.00)	
<b>Total Disbursements</b>			<b>(\$418,845.10)</b>	
<b>Balance as of 11/15/2022</b>				<b>\$4,015.08</b>

# Cash Flow Report - Operator Account

Harris County MUD No. 109 - GOF



Number	Name	Memo	Amount	Balance
<b>Balance as of 10/19/2022</b>				<b>\$172,693.24</b>
<b>Receipts</b>				
	Accounts Receivable		103,142.97	
	Accounts Receivable		127,009.43	
	Accounts Receivable		5,241.77	
	Accounts Receivable		521.64	
	Deposit Error		1,565.67	
<b>Total Receipts</b>				<b>\$237,481.48</b>
<b>Disbursements</b>				
Fee	Central Bank	Service Charge	(40.00)	
Fee	Central Bank	Chargeback Fees	(30.00)	
Ret Ck	Central Bank	Customer Returned Check (3)	(1,189.70)	
Wire	Harris County MUD 109	Wire Transfer to Checking	(233,806.44)	
<b>Total Disbursements</b>				<b>(\$235,066.14)</b>
<b>Balance as of 11/15/2022</b>				<b>\$175,108.58</b>

# Actual vs. Budget Comparison

Harris County MUD No. 109 - GOF



	October 2022			June 2022 - October 2022			Annual Budget
	Actual	Budget	Over/ (Under)	Actual	Budget	Over/ (Under)	
<b>Revenues</b>							
<b>Water Revenue</b>							
14101 Water- Customer Service Revenue	52,011	40,800	11,211	261,907	275,400	(13,493)	510,000
14102 Surface Water - Reserve	115,348	99,168	16,180	633,986	669,384	(35,398)	1,239,600
14105 Connection Fees	2,125	2,008	117	13,275	10,042	3,233	24,100
14108 Water Sales to HC 151	1,089	1,008	80	6,402	5,042	1,361	12,100
<b>Total Water Revenue</b>	<b>170,573</b>	<b>142,985</b>	<b>27,588</b>	<b>915,570</b>	<b>959,867</b>	<b>(44,297)</b>	<b>1,785,800</b>
<b>Wastewater Revenue</b>							
14201 Wastewater-Customer Service Rev	57,819	51,492	6,327	278,278	257,458	20,820	617,900
<b>Total Wastewater Revenue</b>	<b>57,819</b>	<b>51,492</b>	<b>6,327</b>	<b>278,278</b>	<b>257,458</b>	<b>20,820</b>	<b>617,900</b>
<b>Property Tax Revenue</b>							
14301 Maintenance Tax Collections	0	0	0	118,750	118,750	0	1,446,483
<b>Total Property Tax Revenue</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>118,750</b>	<b>118,750</b>	<b>0</b>	<b>1,446,483</b>
<b>Sales Tax Revenue</b>							
14401 COH Rebate	7,589	7,424	165	41,229	41,383	(154)	94,200
<b>Total Sales Tax Revenue</b>	<b>7,589</b>	<b>7,424</b>	<b>165</b>	<b>41,229</b>	<b>41,383</b>	<b>(154)</b>	<b>94,200</b>
<b>Tap Connection Revenue</b>							
14501 Tap Connections	0	1,250	(1,250)	9,260	6,250	3,010	15,000
14502 Inspection Fees	801	900	(99)	4,005	4,500	(495)	10,800
<b>Total Tap Connection Revenue</b>	<b>801</b>	<b>2,150</b>	<b>(1,349)</b>	<b>13,265</b>	<b>10,750</b>	<b>2,515</b>	<b>25,800</b>
<b>Administrative Revenue</b>							
14702 Penalties & Interest	7,763	6,000	1,763	40,100	30,000	10,100	72,000
<b>Total Administrative Revenue</b>	<b>7,763</b>	<b>6,000</b>	<b>1,763</b>	<b>40,100</b>	<b>30,000</b>	<b>10,100</b>	<b>72,000</b>
<b>Interest Revenue</b>							
14801 Interest Earned on Checking	305	2	303	1,081	8	1,073	20
14802 Interest Earned on Temp. Invest	9,856	3,521	6,334	25,269	17,607	7,662	42,257
<b>Total Interest Revenue</b>	<b>10,160</b>	<b>3,523</b>	<b>6,637</b>	<b>26,350</b>	<b>17,615</b>	<b>8,735</b>	<b>42,277</b>
<b>Other Revenue</b>							
15801 Miscellaneous Income	192	100	92	192	500	(308)	1,200
<b>Total Other Revenue</b>	<b>192</b>	<b>100</b>	<b>92</b>	<b>192</b>	<b>500</b>	<b>(308)</b>	<b>1,200</b>
<b>Total Revenues</b>	<b>254,897</b>	<b>213,673</b>	<b>41,223</b>	<b>1,433,734</b>	<b>1,436,324</b>	<b>(2,590)</b>	<b>4,085,660</b>

## Expenditures

### Water Service

16102 Operations - Water	9,350	9,100	250	46,690	45,500	1,190	109,200
16105 Maintenance & Repairs - Water	32,094	21,817	10,277	157,146	109,083	48,063	261,800



# Actual vs. Budget Comparison

Harris County MUD No. 109 - GOF



	October 2022			June 2022 - October 2022			Annual Budget	
	Actual	Budget	Over/ (Under)	Actual	Budget	Over/ (Under)		
<b>Expenditures</b>								
<b>Water Service</b>								
16107	Chemicals - Water	11,278	3,992	7,287	38,142	19,958	18,184	47,900
16108	Laboratory Expense - Water	340	367	(27)	3,070	1,833	1,237	4,400
16109	Mowing - Water	1,930	1,117	814	6,946	5,583	1,362	13,400
16110	Utilities - Water	10,204	8,100	2,104	46,564	40,500	6,064	97,200
16111	Reconnections	805	867	(62)	4,725	4,333	392	10,400
16112	Disconnection Expense	405	233	172	1,965	1,167	798	2,800
16113	Service Account Collection	2,427	3,117	(690)	12,418	15,583	(3,165)	37,400
16114	Telephone Expense - Water	899	417	482	3,594	2,083	1,511	5,000
16116	Permit Expense - Water	0	0	0	0	0	0	7,200
16117	TCEQ Regulatory Expense - Water	0	0	0	0	0	0	2,800
16118	Surface Water Fee	191,257	125,824	65,433	908,921	849,312	59,609	1,572,800
<b>Total Water Service</b>		<b>260,989</b>	<b>174,949</b>	<b>86,040</b>	<b>1,230,181</b>	<b>1,094,937</b>	<b>135,244</b>	<b>2,172,300</b>
<b>Wastewater Service</b>								
16202	Operations - Wastewater	2,321	2,367	(45)	11,585	11,833	(249)	28,400
16204	Purchase Wastewater Service	43,848	45,625	(1,777)	219,649	228,125	(8,476)	547,500
16205	Maint & Repairs - Wastewater	11,421	15,800	(4,379)	66,306	79,000	(12,694)	189,600
16207	Chemicals - Wastewater	784	58	726	1,333	292	1,041	700
16208	Laboratory Fees - Wastewater	0	75	(75)	530	375	155	900
16209	Mowing - Wastewater	1,696	1,000	696	6,166	5,000	1,166	12,000
16210	Utilities - Lift Station	1,638	1,500	138	10,080	7,500	2,580	18,000
16214	Telephone Expense - Wastewater	0	417	(417)	876	2,083	(1,207)	5,000
16217	TCEQ Regulatory Exp-Wastewater	0	0	0	0	0	0	2,800
<b>Total Wastewater Service</b>		<b>61,708</b>	<b>66,842</b>	<b>(5,133)</b>	<b>316,525</b>	<b>334,208</b>	<b>(17,683)</b>	<b>804,900</b>
<b>Garbage Service</b>								
16301	Garbage Expense	1,156	358	798	3,209	1,792	1,417	4,300
<b>Total Garbage Service</b>		<b>1,156</b>	<b>358</b>	<b>798</b>	<b>3,209</b>	<b>1,792</b>	<b>1,417</b>	<b>4,300</b>
<b>Tap Connection</b>								
16501	Tap Connection Expense	0	583	(583)	4,823	2,917	1,906	7,000
16502	Inspection Expense	1,553	300	1,253	2,918	1,500	1,418	3,600
<b>Total Tap Connection</b>		<b>1,553</b>	<b>883</b>	<b>670</b>	<b>7,741</b>	<b>4,417</b>	<b>3,324</b>	<b>10,600</b>
<b>Administrative Service</b>								
16703	Legal Fees	4,423	5,283	(861)	22,970	26,417	(3,447)	63,400
16705	Auditing Fees	0	0	0	17,500	16,800	700	16,800
16706	Engineering Fees	1,301	6,667	(5,366)	15,373	33,333	(17,960)	80,000
16708	GIS Expense	0	167	(167)	0	833	(833)	2,000
16710	Website Expense	0	58	(58)	375	292	83	700
16712	Bookkeeping Fees	3,883	2,800	1,083	24,994	20,400	4,594	40,000

# Actual vs. Budget Comparison

Harris County MUD No. 109 - GOF



	October 2022			June 2022 - October 2022			Annual Budget
	Actual	Budget	Over/ (Under)	Actual	Budget	Over/ (Under)	
<b>Expenditures</b>							
<b>Administrative Service</b>							
16714 Printing & Office Supplies	2,261	2,433	(173)	11,314	12,167	(852)	29,200
16716 Delivery Expense	6	108	(102)	82	542	(460)	1,300
16717 Postage	80	2,825	(2,745)	330	14,125	(13,795)	33,900
16718 Insurance & Surety Bond	0	0	0	0	0	0	31,000
16719 AWBD Expense	430	0	430	6,973	5,100	1,873	7,800
16722 Bank Service Charges	80	100	(20)	415	500	(85)	1,200
16723 Travel Expense	14	8	6	192	42	150	100
16727 Arbitrage Expense	600	0	600	1,650	1,500	150	3,250
<b>Total Administrative Service</b>	<b>13,078</b>	<b>20,450</b>	<b>(7,372)</b>	<b>102,169</b>	<b>132,050</b>	<b>(29,881)</b>	<b>310,650</b>
<b>Security Service</b>							
16801 Security Patrol Expense	19,400	18,592	808	93,767	92,960	807	223,104
16802 Security Monitoring	7,540	858	6,682	10,429	4,292	6,137	10,300
<b>Total Security Service</b>	<b>26,940</b>	<b>19,450</b>	<b>7,490</b>	<b>104,196</b>	<b>97,252</b>	<b>6,944</b>	<b>233,404</b>
<b>Payroll Expense</b>							
17101 Payroll Expenses	1,292	2,083	(792)	9,204	10,417	(1,213)	25,000
<b>Total Payroll Expense</b>	<b>1,292</b>	<b>2,083</b>	<b>(792)</b>	<b>9,204</b>	<b>10,417</b>	<b>(1,213)</b>	<b>25,000</b>
<b>Other Expense</b>							
17802 Miscellaneous Expense	295	350	(55)	1,434	1,750	(316)	4,200
<b>Total Other Expense</b>	<b>295</b>	<b>350</b>	<b>(55)</b>	<b>1,434</b>	<b>1,750</b>	<b>(316)</b>	<b>4,200</b>
<b>Total Expenditures</b>	<b>367,010</b>	<b>285,366</b>	<b>81,644</b>	<b>1,774,659</b>	<b>1,676,822</b>	<b>97,837</b>	<b>3,565,354</b>
<b>Total Revenues (Expenditures)</b>	<b>(112,114)</b>	<b>(71,693)</b>	<b>(40,421)</b>	<b>(340,925)</b>	<b>(240,498)</b>	<b>(100,427)</b>	<b>520,306</b>
<b>Other Revenues</b>							
<b>Extra Ordinary Revenue</b>							
15901 Transfer from Operating Reserve	0	0	0	0	0	0	29,694
<b>Total Extra Ordinary Revenue</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>29,694</b>
<b>Total Other Revenues</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>29,694</b>
<b>Other Expenditures</b>							
<b>Capital Outlay</b>							
17901 Capital Outlay	145	145	0	72,341	72,341	0	550,000
17904 Capital Outlay - Barents Dr L/S	0	0	0	420	0	420	0
<b>Total Capital Outlay</b>	<b>145</b>	<b>145</b>	<b>0</b>	<b>72,761</b>	<b>72,341</b>	<b>420</b>	<b>550,000</b>
<b>Total Other Expenditures</b>	<b>145</b>	<b>145</b>	<b>0</b>	<b>72,761</b>	<b>72,341</b>	<b>420</b>	<b>550,000</b>

# Actual vs. Budget Comparison

Harris County MUD No. 109 - GOF



	October 2022			June 2022 - October 2022			Annual Budget
	Actual	Budget	Over/ (Under)	Actual	Budget	Over/ (Under)	
<b>Total Other Revenues (Expenditures)</b>	<b>(145)</b>	<b>(145)</b>	<b>0</b>	<b>(72,761)</b>	<b>(72,341)</b>	<b>(420)</b>	<b>(520,306)</b>
<b>Excess Revenues (Expenditures)</b>	<b>(112,258)</b>	<b>(71,838)</b>	<b>(40,421)</b>	<b>(413,685)</b>	<b>(312,839)</b>	<b>(100,846)</b>	<b>0</b>

# Balance Sheet as of 10/31/2022

Harris County MUD No. 109 - GOF



## Assets

### Bank

11101 Cash in Bank	\$280,196
11102 Operator	175,109
<b>Total Bank</b>	<b>\$455,305</b>

### Investments

11201 Time Deposits	\$3,771,636
<b>Total Investments</b>	<b>\$3,771,636</b>

### Receivables

11301 Accounts Receivable	\$268,245
11303 Maintenance Tax Receivable	63,441
11305 Accrued Interest	2,518
11306 Due From COH	24,406
<b>Total Receivables</b>	<b>\$358,609</b>

### Interfund Receivables

11403 Due From Tax Account	\$520,770
<b>Total Interfund Receivables</b>	<b>\$520,770</b>

### Reserves

11601 Reserve in A.C.P.	\$180,226
<b>Total Reserves</b>	<b>\$180,226</b>

## Total Assets

**\$5,286,547**

## Liabilities & Equity

### Liabilities

#### Accounts Payable

12101 Accounts Payable	\$285,801
12102 Payroll Liabilities	184
<b>Total Accounts Payable</b>	<b>\$285,984</b>

#### Other Current Liabilities

12201 Unclaimed Property	\$2,094
12202 Due to TCEQ	2,282
<b>Total Other Current Liabilities</b>	<b>\$4,375</b>

#### Deferrals

12502 Deferred Taxes	\$63,441
<b>Total Deferrals</b>	<b>\$63,441</b>

# Balance Sheet as of 10/31/2022

Harris County MUD No. 109 - GOF



## Liabilities & Equity

Liabilities	
Deposits	
12601 Customer Meter Deposits	\$289,071
12602 Deposits - Other	2,500
12603 Lee Annexation	(75,796)
12604 Barents Annexation	(27,880)
12605 Country Scramble	(15,111)
12606 Zimmerman Properties - 9 acre	503
12607 Madden Tract	5,000
<b>Total Deposits</b>	<u>\$178,287</u>
<b>Total Liabilities</b>	<u>\$532,087</u>
Equity	
Unassigned Fund Balance	
13101 Unallocated Fund Balance	\$5,168,145
<b>Total Unassigned Fund Balance</b>	<u>\$5,168,145</u>
Net Income	(\$413,685)
<b>Total Equity</b>	<u>\$4,754,460</u>
<b>Total Liabilities &amp; Equity</b>	<u><u>\$5,286,547</u></u>

# Monthly Financial Summary - Capital Projects Fund

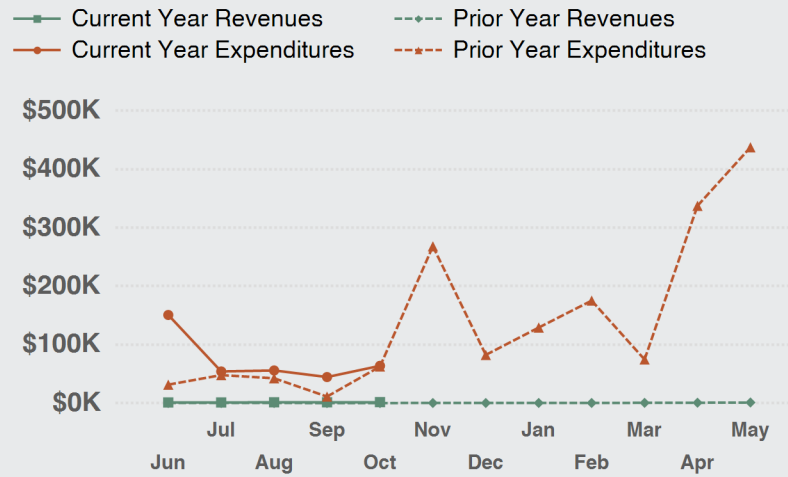
Harris County MUD No. 109 - CPF



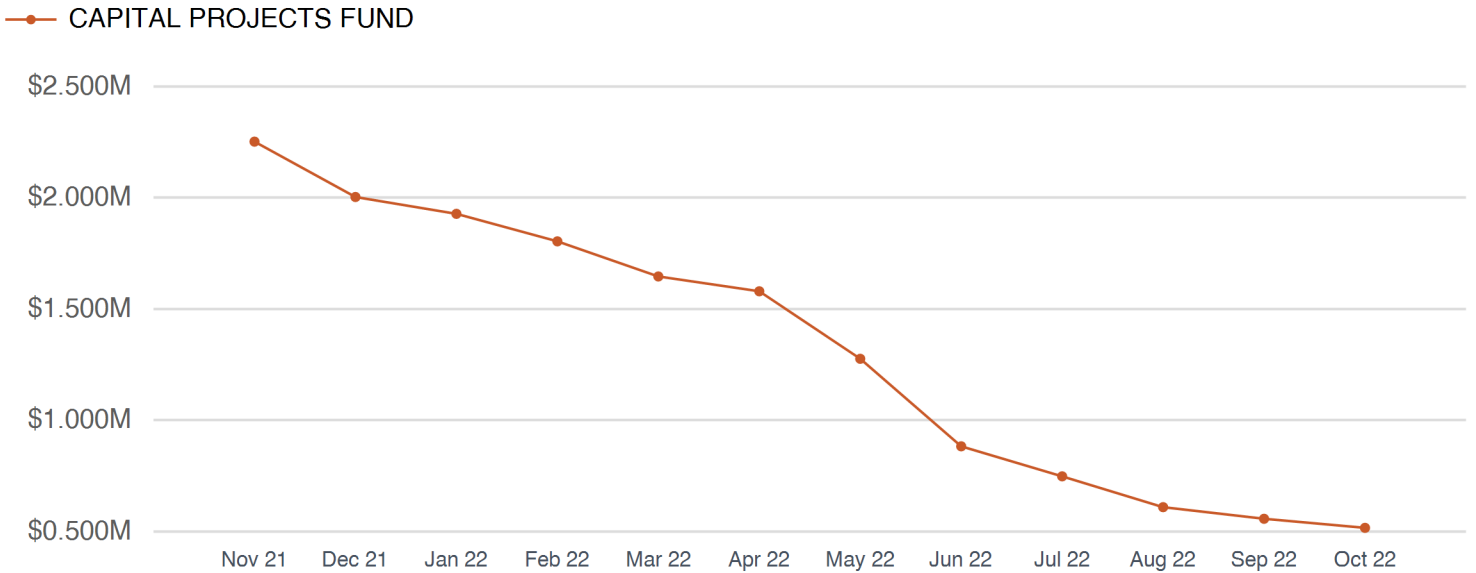
## Account Balance Summary

<b>Balance as of 10/19/2022</b>	<b>\$515,270</b>
Receipts	62,394
Disbursements	(121,993)
<b>Balance as of 11/15/2022</b>	<b>\$455,671</b>

## Overall Revenues & Expenditures By Month (Year to Date)



## Account Balance By Month | November 2021 - October 2022



# Cash Flow Report - Checking Account

Harris County MUD No. 109 - CPF



Number	Name	Memo	Amount	Balance
<b>Balance as of 10/19/2022</b>				<b>\$500.00</b>
<b>Receipts</b>				
	Series 2017 - Wire Transfer from Money		60,921.46	
<b>Total Receipts</b>				<b>\$60,921.46</b>
<b>Disbursements</b>				
2028	BGE, Inc.	Engineering - WP2 Construction	(9,828.74)	
2029	Schier Construction Company, Inc.	Pay Estimate No. 16 - Water Plant No. 2	(51,202.72)	
Fee	Central Bank	Service Charge	(40.00)	
<b>Total Disbursements</b>				<b>(\$61,071.46)</b>
<b>Balance as of 11/15/2022</b>				<b>\$350.00</b>

# District Debt Summary as of 11/15/2022

Harris County MUD No. 109 - DSF



		WATER, SEWER, DRAINAGE	PARK/ROAD/OTHER	REFUNDING
<b>Total \$ Authorized</b>		<b>Authorized</b>	<b>Authorized</b>	<b>Authorized</b>
\$61.83M		\$61.83M	N/A	\$32.73M
<b>Total \$ Issued</b>		<b>Issued</b>	<b>Issued</b>	<b>Issued</b>
\$48.88M		\$48.88M	N/A	\$1.06M
<b>Yrs to Mat</b>	<b>Rating</b>	<b>\$ Available To Issue</b>	<b>\$ Available To Issue</b>	<b>\$ Available To Issue</b>
18	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	\$3,685,000
2017 - WS&D	\$12,100,000	2041	\$11,290,000
2015 - Refunding	\$5,920,000	2030	\$5,425,000
<b>Total</b>	<b>\$21,725,000</b>		<b>\$20,400,000</b>



# District Debt Schedule

## Harris County MUD No. 109 - DSF



Paying Agent	Series	Principal	Interest	Total
Bank of New York	2021 - Refunding	\$0.00	\$49,125.00	\$49,125.00
Bank of New York	2017 - WS&D	\$0.00	\$182,071.88	\$182,071.88
Regions Bank	2015 - Refunding	\$0.00	\$70,308.00	\$70,308.00
<b>Total Due 04/01/2023</b>		<b>\$0.00</b>	<b>\$301,504.88</b>	<b>\$301,504.88</b>

Paying Agent	Series	Principal	Interest	Total
Bank of New York	2021 - Refunding	\$790,000.00	\$49,125.00	\$839,125.00
Bank of New York	2017 - WS&D	\$440,000.00	\$182,071.88	\$622,071.88
Regions Bank	2015 - Refunding	\$225,000.00	\$70,308.00	\$295,308.00
<b>Total Due 10/01/2023</b>		<b>\$1,455,000.00</b>	<b>\$301,504.88</b>	<b>\$1,756,504.88</b>

# Investment Profile as of 11/15/2022

Harris County MUD No. 109



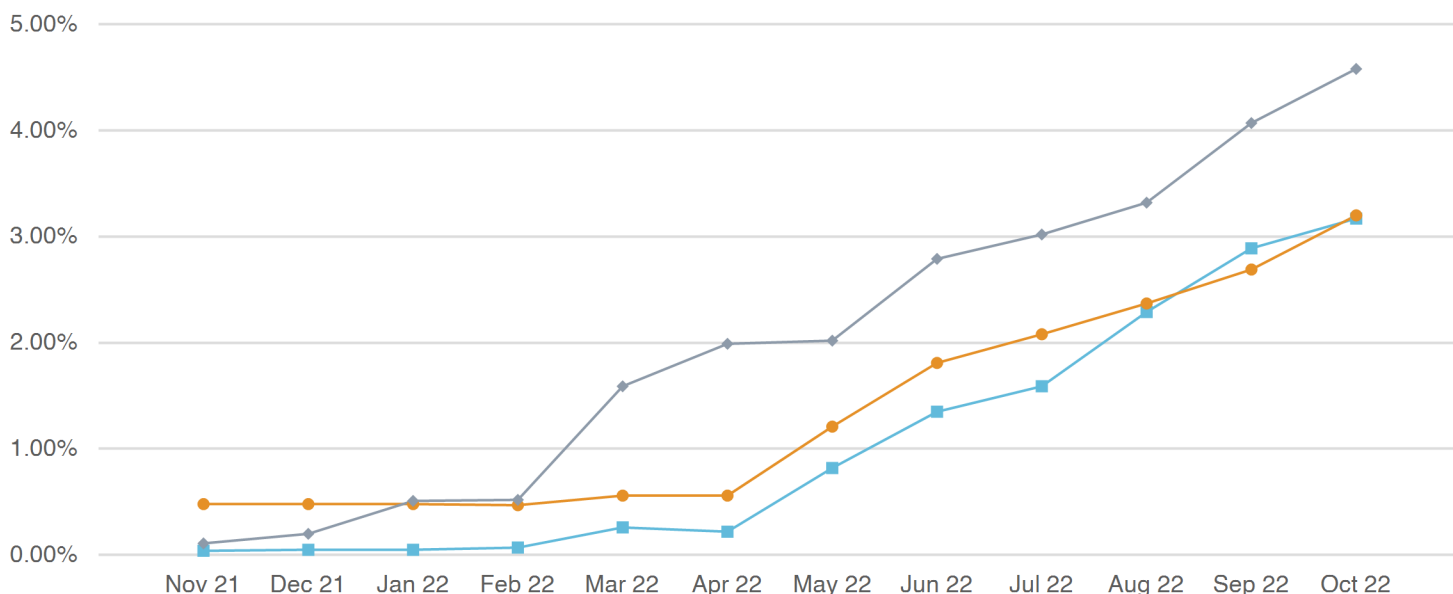
General Operating Fund	Capital Projects Fund	Debt Service Fund	Other Funds
<b>Funds Available to Invest</b> \$3,855,760	<b>Funds Available to Invest</b> \$455,671	<b>Funds Available to Invest</b> \$1,377,784	<b>Funds Available to Invest</b> N/A
<b>Funds Invested</b> \$3,676,636	<b>Funds Invested</b> \$455,321	<b>Funds Invested</b> \$1,377,784	<b>Funds Invested</b> N/A
<b>Percent Invested</b> 95%	<b>Percent Invested</b> 99%	<b>Percent Invested</b> 100%	<b>Percent Invested</b> N/A

Term	Money Market	Term	Certificate of Deposit	Term	U.S. Treasuries
On Demand	3.65%	180 Days	2.89%	180 Days	4.58%
		270 Days	2.38%	270 Days	4.58%
		1 Yr	3.56%	1 Yr	4.74%
		13 Mo	2.79%	13 Mo	N/A
		18 Mo	2.26%	18 Mo	4.74%
		2 Yr	1.89%	2 Yr	4.71%

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

## Investment Rates Over Time (By Month) | November 2021 - October 2022

— MONEY MARKET — CD-1 YEAR — U.S. TREASURIES-1 Year



# Account Balance as of 11/15/2022

## Harris County MUD No. 109 - Investment Detail



### FUND: General Operating

Financial Institution (Acct Number)	Issue Date	Maturity Date	Interest Rate	Account Balance	Notes
<b>Certificates of Deposit</b>					
SIMMONS BANK (XXXX7948)	09/26/2022	09/26/2023	3.50%	240,000.00	
<b>Money Market Funds</b>					
TEXAS CLASS (XXXX0001)	03/22/2017		3.65%	3,436,636.23	
<b>Checking Account(s)</b>					
CENTRAL BANK - CHECKING (XXXX1891)			0.00%	4,015.08	Checking Account
CENTRAL BANK - CHECKING (XXXX4632)			0.00%	175,108.58	Operator
<b>Totals for General Operating Fund</b>				<b>\$3,855,759.89</b>	

### FUND: Capital Projects

Financial Institution (Acct Number)	Issue Date	Maturity Date	Interest Rate	Account Balance	Notes
<b>Money Market Funds</b>					
TEXAS CLASS (XXXX0002)	03/22/2017		3.65%	455,320.65	Series 2017
<b>Checking Account(s)</b>					
CENTRAL BANK - CHECKING (XXXX1875)			0.00%	350.00	Checking Account
<b>Totals for Capital Projects Fund</b>				<b>\$455,670.65</b>	

### FUND: Debt Service

Financial Institution (Acct Number)	Issue Date	Maturity Date	Interest Rate	Account Balance	Notes
<b>Money Market Funds</b>					
TEXAS CLASS (XXXX0003)	03/22/2017		3.65%	1,377,784.22	
<b>Totals for Debt Service Fund</b>				<b>\$1,377,784.22</b>	

**Grand Total for Harris County MUD No. 109 :**

**\$5,689,214.76**

# Capital Projects Fund Breakdown

Harris County MUD 109

As of Date 11/15/2022

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## Net Proceeds for All Bond Issues

### Receipts

Bond Proceeds - Series 2017	\$12,100,000.00
Interest Earnings - Series 2017	247,831.51

### Disbursements

Disbursements - Series 2017	(11,892,160.86)
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<b>Total Cash Balance</b>	<b>\$455,670.65</b>
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## Balances by Account

Central Bank - Checking	\$350.00
TX Class - Series 2017	455,320.65

<b>Total Cash Balance</b>	<b>\$455,670.65</b>
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## Balances by Bond Series

Bond Proceeds - Series 2017	\$455,670.65
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<b>Total Cash Balance</b>	<b>\$455,670.65</b>
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## Remaining Costs/Surplus By Bond Series

Remaining Costs - Series 2017	\$0.00
Proposed Surplus Project - WP 2 Expansion	455,670.65

<b>Total Amount in Remaining Costs</b>	<b>\$455,670.65</b>
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<b>Total Surplus &amp; Interest Balance</b>	<b>\$0.00</b>
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<b>Total Remaining Costs/Surplus</b>	<b>\$455,670.65</b>
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# Cost Comparison - \$12,100,000 - Series 2017

Harris County MUD 109

	USE OF PROCEEDS	ACTUAL COSTS	REMAINING COSTS	VARIANCE (OVER)/UNDER
<b>CONSTRUCTION COSTS</b>				
<b>Developer Items</b>				
1. Rivergrove, Section 1 - Water, Wastewater & Drainage	\$191,360.00	\$191,359.51	\$0.00	\$0.49
2. Rivergrove, Section 2 - Water, Wastewater & Drainage	125,139.00	125,139.00	0.00	0.00
3. Rivergrove, Section 3 - Water, Wastewater & Drainage	353,345.00	353,344.99	0.00	0.01
4. Rivergrove, Section 4 - Water, Wastewater & Drainage	881,359.00	881,359.20	0.00	(0.20)
5. Rivergrove Drainage Swales	52,480.00	52,479.50	0.00	0.50
6. Rivergrove, Section 5 - Water, Wastewater & Drainage	668,281.00	603,157.27	0.00	65,123.73
7. Rivergrove, Section 6 - Water, Wastewater & Drainage	427,157.00	403,019.99	0.00	24,137.01
8. Rivergrove Clearing and Grubbing, Sections 1 & 2	33,135.00	33,135.00	0.00	0.00
9. Rivergrove Clearing and Grubbing, Section 3	15,524.00	15,524.00	0.00	0.00
10. Rivergrove Clearing and Grubbing, Section 4	20,155.00	20,154.50	0.00	0.50
11. Rivergrove Clearing and Interim Drainage, Sections 5-6	84,391.00	84,391.25	0.00	(0.25)
12. Kings Lake Estates Section 8 - Water, Wastewater & Drainage	1,851,399.00	1,851,398.80	0.00	0.20
13. Stormwater Pollution Prevention Plans	206,123.00	134,172.92	0.00	71,950.08
14. Geotechnical Reports and Materials Testing	124,233.00	80,105.42	0.00	44,127.58
15. Contingency	109,543.00	58,257.52	0.00	51,285.48
16. Engineering Fees	706,603.00	706,603.00	0.00	0.00
17. Rivergrove Due Diligence	34,023.00	34,023.41	0.00	(0.41)
<b>Subtotal Developer Items</b>	<b>\$5,884,250.00</b>	<b>\$5,627,625.28</b>	<b>\$0.00</b>	<b>\$256,624.72</b>
<b>District Items</b>				
1. Kings Lake Estates Lift Station No. 2 Improvements	\$371,240.00	\$362,689.62	\$0.00	\$8,550.38
2. Kings Lake Estates Lift Station No. 3	460,869.00	417,828.05	0.00	43,040.95
3. Water Plant No. 1 Elevated Storage Tank Recoating	500,000.00	500,000.00	0.00	0.00
4. Water Plant No. 2 Elevated Storage Tank Recoating	500,000.00	500,000.00	0.00	0.00
5. Water Plant No. 2 Buildout	1,600,000.00	1,739,552.72	0.00	(139,552.72)
6. Contingencies (10% of Items 1, 3-5)	297,124.00	297,124.00	0.00	0.00
7. Engineering (20.89% of Items 1-2)	173,812.00	160,240.92	0.00	13,571.08
8. Engineering (15% of Items 3-5)	390,000.00	390,000.00	0.00	0.00
<b>Subtotal District Items</b>	<b>\$4,293,045.00</b>	<b>\$4,367,435.31</b>	<b>\$0.00</b>	<b>(\$74,390.31)</b>
<b>TOTAL CONSTRUCTION COSTS</b>	<b>\$10,177,295.00</b>	<b>\$9,995,060.59</b>	<b>\$0.00</b>	<b>\$182,234.41</b>
<b>NON-CONSTRUCTION COSTS</b>				
A. Legal Fees	\$231,000.00	\$231,000.00	\$0.00	\$0.00
B. Fiscal Agent Fees	242,000.00	242,000.00	0.00	0.00
C. Interest				
1. Capitalized Interest (1 year @ 4.50%)	396,191.00	396,191.41	0.00	(0.41)
2. Developer Interest	383,273.00	383,272.81	0.00	0.19
D. Bond Discount (3.00%)	262,563.00	262,563.40	0.00	(0.40)
E. Bond Issuance Expenses	28,854.00	28,854.00	0.00	0.00
F. Attorney General Fee	9,500.00	9,500.00	0.00	0.00
G. TCEQ Bond Issuance Fee	30,250.00	30,250.00	0.00	0.00
H. Bond Application Report Cost	45,000.00	45,000.00	0.00	(0.00)
I. Rivergrove Studies	45,328.00	45,328.00	0.00	0.00
J. Contingency	248,746.00	223,140.65	0.00	25,605.35
<b>TOTAL NON-CONSTRUCTION COSTS</b>	<b>\$1,922,705.00</b>	<b>\$1,897,100.27</b>	<b>\$0.00</b>	<b>\$25,604.73</b>
<b>TOTAL BOND ISSUE REQUIREMENT</b>	<b>\$12,100,000.00</b>	<b>\$11,892,160.86</b>	<b>\$0.00</b>	<b>\$207,839.14</b>
			Interest Earned	\$247,831.51
			Total Surplus & Interest	\$455,670.65
			Total Remaining Funds	<b>\$455,670.65</b>

**Harris County MUD No. 109 - GOF  
Annexations**

**All Transactions**

Date	Num	Name	Memo	Debit	Credit	Balance
<b>12603 · Lee Annexation</b>						
04/26/2019	JE		Deposit for Annexation		15,000.00	15,000.00
05/31/2019	5-190176	BGE, Inc.	Engineering Fees - Annexation No. 11	984.83		14,015.17
06/30/2019	6-190136	BGE, Inc.	Engineering Fees - Annexation No. 11	3,418.23		10,596.94
07/31/2019	7-190471	BGE, Inc.	Engineering Fees - Annexation No. 11	1,887.45		8,709.49
07/31/2019	9495136631	Norton Rose Fulbright US LLP	Legal Fees	172.50		8,536.99
08/31/2019	191647	The Research Staff, Inc.	Title Report - Annexation	80.00		8,456.99
08/31/2019	PS119001733	Harris County Appraisal District	Certificate of Ownership - Annexation	5.00		8,451.99
08/31/2019	8-190493	BGE, Inc.	Engineering Fees - Annexation No. 11	398.44		8,053.55
08/31/2019	9495142345	Norton Rose Fulbright US LLP	Legal Fees	702.50		7,351.05
09/30/2019	9495149477	Norton Rose Fulbright US LLP	Legal Fees	143.75		7,207.30
10/31/2019	10-190502	BGE, Inc.	Engineering Fees - Annexation No. 11	273.44		6,933.86
10/31/2019	9495155990	Norton Rose Fulbright US LLP	Legal Fees - Annexation	1,548.75		5,385.11
11/30/2019	11-190054	BGE, Inc.	Engineering Fees - Annexation No. 11	2,167.95		3,217.16
11/30/2019	9495163224	Norton Rose Fulbright US LLP	Legal Fees	742.50		2,474.66
12/31/2019	12-190187	BGE, Inc.	Engineering Fees - Annexation No. 11	1,289.06		1,185.60
12/31/2019	9495170944	Norton Rose Fulbright US LLP	Legal Fees - Annexation	496.18		689.42
01/31/2020	9495175858	Norton Rose Fulbright US LLP	Legal Fees - Annexation	270.00		419.42
02/29/2020	2-200558	BGE, Inc.	Engineering Fees - Annexation No. 11	195.31		224.11
02/29/2020	9495182734	Norton Rose Fulbright US LLP	Legal Fees - Annexation	270.00		-45.89
04/30/2020	9495196527	Norton Rose Fulbright US LLP	Legal Fees - Annexation	360.00		-405.89
06/30/2020	9495209384	Norton Rose Fulbright US LLP	Legal Fees - Annexation	90.00		-495.89
07/31/2020	9495216040	Norton Rose Fulbright US LLP	Legal Fees - Annexation	0.00		-495.89
08/31/2020	9495222409	Norton Rose Fulbright US LLP	11th Annexation	691.35		-1,187.24
09/30/2020	9495231141	Norton Rose Fulbright US LLP	11th Annexation	71.39		-1,258.63
10/31/2020	9495236610	Norton Rose Fulbright US LLP	11th Annexation	0.00		-1,258.63
11/30/2020	9495244364	Norton Rose Fulbright US LLP	11th Annexation	1,050.00		-2,308.63
12/02/2020	JE		Deposit for Lee Annexation		15,000.00	12,691.37
12/31/2020	9495251043	Norton Rose Fulbright US LLP	11th Annexation	300.00		12,391.37
01/31/2021	HCMUD109L...	ROW Management LLC	Lee Annexation Expense	1,560.00		10,831.37
01/31/2021	9495256008	Norton Rose Fulbright US LLP	11th Annexation	0.00		10,831.37
02/28/2021	HCMUD109L...	ROW Management LLC	Lee Annexation Expense	3,640.00		7,191.37
05/31/2021	AJE 4		Lee Annex Engineer to increase Lee Annex ...	7,810.78		-619.41
05/31/2021	AJE 5		Adjust Lee and Barents after review of enfn...	157.01		-776.42
06/30/2021	6-210975	BGE, Inc.	Engineering Fees - Lee Tract Waterline Exte...	1,552.95		-2,329.37
07/31/2021	7-210916	BGE, Inc.	Engineering Fees - Lee Tract Waterline Exte...	1,942.88		-4,272.25
08/31/2021	8-211098	BGE, Inc.	Engineering Fees - Lee Tract Waterline Exte...	3,791.52		-8,063.77
09/30/2021	9-210996	BGE, Inc.	Engineering Fees - Lee Tract Waterline Exte...	839.23		-8,903.00
10/31/2021	10-211116	BGE, Inc.	Engineering Fees - Lee Tract Waterline Exte...	693.11		-9,596.11
11/30/2021	11-210356	BGE, Inc.	Engineering Fees - Lee Tract Waterline Exte...	538.91		-10,135.02
01/31/2022	1-220949	BGE, Inc.	Engineering Fees - Lee Tract Waterline Exte...	1,437.97		-11,572.99
02/28/2022	2-221232	BGE, Inc.	Engineering Fees - Lee Tract Waterline Exte...	2,830.52		-14,403.51
03/31/2022	3-221422	BGE, Inc.	Engineering Fees - Lee Tract Waterline Exte...	1,634.80		-16,038.31
04/30/2022	4-221382	BGE, Inc.	Engineering Fees - Lee Tract Waterline Exte...	4,769.30		-20,807.61
04/30/2022	PE 1	Underground Construction Solutions,...	Pay Estimate No. 1 - Lee Tract Waterline Ex...	53,187.00		-73,994.61
05/31/2022	5-221036	BGE, Inc.	Engineering Fees - Lee Tract Waterline Exte...	1,710.11		-75,704.72
06/30/2022	6-220939	BGE, Inc.	Engineering Fees - Lee Tract Waterline Exte...	91.00		-75,795.72
<b>Total 12603 · Lee Annexation</b>				<b>105,795.72</b>	<b>30,000.00</b>	<b>-75,795.72</b>
<b>12604 · Barents Annexation</b>						
08/31/2019	Rcpt	BBVA	Barents Annexation Deposit - Ida Gilbert		5,000.00	5,000.00
08/31/2019	Rcpt	BBVA	Barents Annexation Deposit - GAP Plumbin...		5,000.00	10,000.00
08/31/2019	9495142345	Norton Rose Fulbright US LLP	Legal Fees	322.50		9,677.50
09/03/2019	Rcpt	BBVA	Barents Annexation Deposit - Champ Auto ...		5,000.00	14,677.50
09/30/2019	9-190038	BGE, Inc.	Engineering Fees - Annexation No. 12	1,205.47		13,472.03
09/30/2019	9495149477	Norton Rose Fulbright US LLP	Legal Fees	143.75		13,328.28
10/31/2019	9495155990	Norton Rose Fulbright US LLP	Legal Fees - Annexation	517.50		12,810.78
10/31/2019	10-190504	BGE, Inc.	Engineering Fees - Annexation No. 12	6,362.73		6,448.05
11/30/2019	11-190056	BGE, Inc.	Engineering Fees - Annexation No. 12	3,448.57		2,999.48
11/30/2019	9495163224	Norton Rose Fulbright US LLP	Legal Fees	146.25		2,853.23
12/31/2019	12-190189	BGE, Inc.	Engineering Fees - Annexation No. 12	2,516.81		336.42
12/31/2019	9495170944	Norton Rose Fulbright US LLP	Legal Fees - Annexation	1,350.00		-1,013.58
01/31/2020	1-200553	BGE, Inc.	Engineering Fees - Annexation No. 12	292.97		-1,306.55
01/31/2020	9495175858	Norton Rose Fulbright US LLP	Legal Fees - Annexation	0.00		-1,306.55
02/29/2020	2-200560	BGE, Inc.	Engineering Fees - Annexation No. 12	2,171.88		-3,478.43
02/29/2020	2-200525	BGE, Inc.	Engineering Fees - Barents Drive LS Feasibil...	2,762.20		-6,240.63
02/29/2020	9495182734	Norton Rose Fulbright US LLP	Legal Fees - Annexation	0.00		-6,240.63
03/31/2020	3-200228	BGE, Inc.	Engineering Fees - Barents Drive LS Feasibil...	454.00		-6,694.63
04/30/2020	4-200364	BGE, Inc.	Engineering Fees - Annexation No. 12	2,332.65		-9,027.28
04/30/2020	4-200354	BGE, Inc.	Engineering Fees - Barents Drive LS Feasibil...	3,165.61		-12,192.89
04/30/2020	9495196527	Norton Rose Fulbright US LLP	Legal Fees - Annexation	0.00		-12,192.89
05/31/2020	5-200205	BGE, Inc.	Engineering Fees - Barents Drive LS Feasibil...	883.59		-13,076.48
06/30/2020	6-200423	BGE, Inc.	Engineering Fees - Barents Drive LS Feasibil...	1,953.10		-15,029.58
06/30/2020	9495209384	Norton Rose Fulbright US LLP	Legal Fees - Annexation	978.75		-16,008.33
07/31/2020	7-200217	BGE, Inc.	Engineering Fees - Barents Drive LS Feasibil...	390.62		-16,398.95
07/31/2020	9495216040	Norton Rose Fulbright US LLP	Legal Fees - Annexation	243.75		-16,642.70
08/31/2020	9495222409	Norton Rose Fulbright US LLP	12th Annexation	3,286.35		-19,929.05
09/30/2020	9495231141	Norton Rose Fulbright US LLP	12th Annexation	71.39		-20,000.44
10/31/2020	9495236610	Norton Rose Fulbright US LLP	12th Annexation	341.25		-20,341.69
11/30/2020	9495244364	Norton Rose Fulbright US LLP	12th Annexation	250.00		-20,591.69
12/31/2020	9495251043	Norton Rose Fulbright US LLP	12th Annexation	150.00		-20,741.69
01/31/2021	9495256008	Norton Rose Fulbright US LLP	12th Annexation	740.00		-21,481.69
02/28/2021	9495262527	Norton Rose Fulbright US LLP	12th Annexation	1,080.33		-22,562.02

**Harris County MUD No. 109 - GOF**

**Annexations**

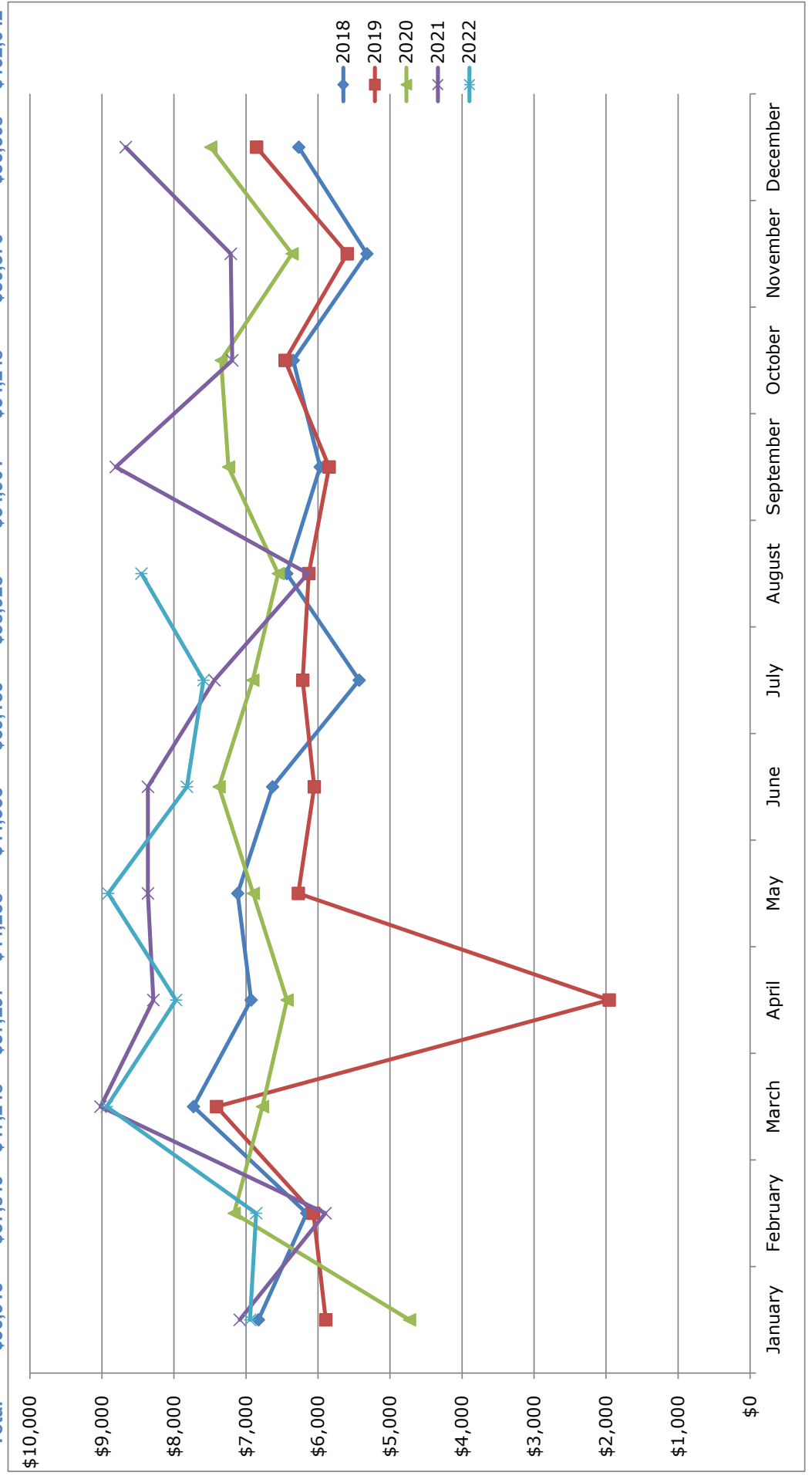
**All Transactions**

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Debit</u>	<u>Credit</u>	<u>Balance</u>
03/31/2021	9495270101	Norton Rose Fulbright US LLP	12th Annexation	570.00		-23,132.02
04/30/2021	9495276855	Norton Rose Fulbright US LLP	12th Annexation	770.00		-23,902.02
05/31/2021	9495283640	Norton Rose Fulbright US LLP	12th Annexation	530.00		-24,432.02
05/31/2021	AJE 5		Adjust Lee and Barents after review of enfin...		157.01	-24,275.01
06/30/2021	9495291784	Norton Rose Fulbright US LLP	12th Annexation	300.00		-24,575.01
07/31/2021	9495297183	Norton Rose Fulbright US LLP	12th Annexation	350.00		-24,925.01
08/31/2021	W/O 98752653	Centerpoint Energy	Defined Easement	1,700.00		-26,625.01
08/31/2021	9495303961	Norton Rose Fulbright US LLP	12th Annexation	100.00		-26,725.01
09/30/2021	9495311756	Norton Rose Fulbright US LLP	12th Annexation	230.00		-26,955.01
10/31/2021	9495317946	Norton Rose Fulbright US LLP	12th Annexation	200.00		-27,155.01
11/30/2021	9495324857	Norton Rose Fulbright US LLP	12th Annexation	520.00		-27,675.01
12/31/2021	9495330927	Norton Rose Fulbright US LLP	12th Annexation	150.00		-27,825.01
01/31/2022	9495336660	Norton Rose Fulbright US LLP	12th Annexation	55.00		-27,880.01
Total 12604 · Barents Annexation				43,037.02	15,157.01	-27,880.01
<b>12605 · Country Scramble</b>						
02/29/2020	2-200526	BGE, Inc.	Engineering Fees - Country Scramble	13,193.61		-13,193.61
03/31/2020	3-200229	BGE, Inc.	Engineering Fees - Country Scramble	585.93		-13,779.54
04/30/2020	4-200355	BGE, Inc.	Engineering Fees - Country Scramble	355.31		-14,134.85
05/31/2020	5-200206	BGE, Inc.	Engineering Fees - Country Scramble	390.62		-14,525.47
06/30/2020	6-200424	BGE, Inc.	Engineering Fees - Country Scramble	195.31		-14,720.78
07/31/2020	7-200218	BGE, Inc.	Engineering Fees - Country Scramble	390.62		-15,111.40
05/31/2021	AJE 3		To adjust Fund Balance to match last year a...		14,525.47	-585.93
06/02/2021	AJE 3R		Reverse of GJE AJE 3 -- To adjust Fund Bal...	14,525.47		-15,111.40
Total 12605 · Country Scramble				29,636.87	14,525.47	-15,111.40
<b>12606 · Zimmerman Properties - 9 acre</b>						
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
<b>12607 · Madden Tract</b>						
07/21/2022	Recpt		Madden Annexation		5,000.00	5,000.00
Total 12607 · Madden Tract				0.00	5,000.00	5,000.00
<b>TOTAL</b>				<b>182,966.38</b>	<b>69,682.48</b>	<b>-113,283.90</b>

# Sales Tax Revenue History

Harris County MUD No. 109

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2018	\$6,828	\$6,158	\$7,730	\$6,930	\$7,116	\$6,632	\$5,430	\$6,434	\$5,972	\$6,345	\$5,322	\$6,267	\$77,163
2019	\$5,893	\$6,065	\$7,408	\$1,957	\$6,274	\$6,053	\$6,211	\$6,128	\$5,846	\$6,457	\$5,596	\$6,855	\$70,743
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					\$63,484
<b>Total</b>	<b>\$36,915</b>	<b>\$37,849</b>	<b>\$47,248</b>	<b>\$37,297</b>	<b>\$44,258</b>	<b>\$44,355</b>	<b>\$39,159</b>	<b>\$38,928</b>	<b>\$34,901</b>	<b>\$34,248</b>	<b>\$30,376</b>	<b>\$36,508</b>	<b>\$462,042</b>





# Cash Flow Forecast

## Harris County MUD 109

	5/23	5/24	5/25	5/26	5/27
Assessed Value	\$839,415,197	\$839,415,197	\$839,415,197	\$839,415,197	\$839,415,197
Maintenance Tax Rate	\$0.220	\$0.220	\$0.220	\$0.220	\$0.220
Maintenance Tax	\$1,809,779	\$1,809,779	\$1,809,779	\$1,809,779	\$1,809,779
% 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%
<b>Beginning Cash Balance 6-1-2022</b>	<b>\$4,508,137</b>	<b>\$4,424,361</b>	<b>\$4,662,236</b>	<b>\$4,887,358</b>	<b>\$5,412,167</b>
<b>Revenues</b>					
Maintenance Tax	\$1,446,483	\$1,809,779	\$1,809,779	\$1,809,779	\$1,809,779
Water Revenue	510,000	515,100	520,251	525,454	530,708
Wastewater Revenue	617,900	636,437	655,530	675,196	695,452
NHCRWA Revenue	1,239,600	1,363,560	1,499,916	1,649,908	1,814,898
Other	271,678	285,262	299,525	314,501	330,226
<b>Total Revenues</b>	<b>\$4,085,661</b>	<b>\$4,610,138</b>	<b>\$4,785,001</b>	<b>\$4,974,838</b>	<b>\$5,181,064</b>
<b>Expenses</b>					
NHCRWA	\$1,572,800	\$1,730,080	\$1,903,088	\$2,093,397	\$2,302,736
Other Expenses	1,992,555	2,092,183	2,196,792	2,306,631	2,421,963
<b>Total Expenses</b>	<b>\$3,565,355</b>	<b>\$3,822,263</b>	<b>\$4,099,880</b>	<b>\$4,400,028</b>	<b>\$4,724,700</b>
<b>Net Surplus</b>	<b>\$466,224</b>	<b>\$787,875</b>	<b>\$685,121</b>	<b>\$574,809</b>	<b>\$456,364</b>
<b>Capital Outlay</b>					
Capital Outlay - AJOB	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
WP 1 Well Rehab & Motor Replacement	0	200,000	0	0	0
WP 1 Electrical Control Improvements	0	250,000	210,000	0	0
WP 1 GST 1 Replacement	250,000	0	0	0	0
WP 2 Well Rehab & Motor Replacement	0	0	200,000	0	0
HC 46 Water Interconnect	0	50,000	0	0	0
Manholes Valve Rehab	250,000	0	0	0	0
<b>Total Capital Outlay</b>	<b>\$550,000</b>	<b>\$550,000</b>	<b>\$460,000</b>	<b>\$50,000</b>	<b>\$50,000</b>
<b>Construction Surplus</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

<b>Ending Cash Balance</b>	<b>\$4,424,361</b>	<b>\$4,662,236</b>	<b>\$4,887,358</b>	<b>\$5,412,167</b>	<b>\$5,818,531</b>
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**Operating Reserve % of Exp**

Percentage	124%	122%	119%	123%	123%
Number of Months	15	15	14	15	15

**Bond Authority**

Remaining Bonding Capacity - \$12,950,000

Maintenance Tax Rate Cap - \$1.00

# 2023 AWBD Mid Winter Conference

Harris County MUD No. 109

Friday, January 27 - Saturday, January 28, 2023

JW Marriott, Austin TX

Director	Registration			Prior Conference Expenses
Name	Attending	Online	Paid	Paid
Cheryl Moore	Yes	Yes	Yes	Yes
Chris Green	Yes	Yes	Yes	Yes
Nancy Frank	Yes	Yes	Yes	Yes
Owen Parker	Yes	Yes	Yes	Yes
Robin Sulpizio	Yes	Yes	Yes	Yes

## Note

**Register on-line [www.awbd-tx.org](http://www.awbd-tx.org)** (For log in assistance, contact Taylor Cavnar: [tcavnar@awbd-tx.org](mailto:tcavnar@awbd-tx.org))

This page only confirms registration for the conference, not hotel registrations.

All hotel reservations are the sole responsibility of each attendee.

Your conference registration confirmation will contain a housing reservation request web link.

The link will require the registration number from your conference registration before you can reserve a room.

All requests for an advance of funds must be sent via email to the bookkeeper within 30 days of conference.

## Registration Dates

Early Registration:	Begins	7/20/2022	\$380
Regular Registration:	Begins	9/1/2022	\$430
Late Registration	Begins	12/15/2022	\$530

## Cancellation Policy

All cancellations must be made in writing.

A \$50.00 administrative fee is assessed for each conference registration cancelled on or before 12/14/22.

There will be no refunds after 12/14/22.

## Housing Information

Hotel reservations are only available to attendees who are registered with AWBD-TX for the Conference.

If you have questions, please call Taylor Cavnar at (281) 350-7090.



## ENGINEERING REPORT

November 14, 2022

**To:** Harris County MUD No. 109 Board of Directors

**From:** Bill Kotlan, P.E.

District Engineer

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**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**

Contractor is preparing Change Order for Water Line on project.

**b. Water Plant No. 2 Expansion**

Pay Estimate No. 17 in the amount of \$51,202.72 is recommended for approval. This includes final punch list work. Remaining is record drawings and operating manuals which have been submitted. There is still \$97,000 of retainage.

**Action Items (Water Plant No 2 Expansion):**

- 1. Approve Pay Estimate No. 17 to Schier Construction Company, Inc. for \$51,202.72**

**c. Barents Drive Lift Station**

We are working on resolving city comments.

**d. Wastewater Treatment Plant**

Project is in construction.

**e. Wastewater Treatment Plant Permit Renewal**

Draft permit has been advertised and we are in final public review period.

Exhibit E

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**f. Developer's Report:** Nothing to report.

**g. Service Requests:**

- i. Madden Tract: Working with developer engineer to determine utility extension costs.
- ii. Zimmerman Properties (9 Acre Multifamily) (Formerly known as the Terrene Tract). Developer engineer is reviewing the feasibility.



November 2, 2022

Municipal Accounts & Consulting, LP  
1281 Brittmoore Road  
Houston, Texas 77043

Attention: Ashleigh Bass

Re: **Pay Estimate No. 17**  
Harris County MUD No. 109  
Water Plant No. 2 Expansion  
BGE Job No. 7440-00

Dear Ms. Bass:

Enclosed herewith is Pay Estimate No. 17 from Schier Construction Company, Inc. 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'.

Gary L. Goessler, PE  
Project Manager, Construction Management

TBPE Registration No. F-1046

cc: Jan McArthur – Schier Construction Company, Inc.  
Dimitri Millas – Norton Rose Fulbright US LLP  
Brenda Presser – Norton Rose Fulbright US LLP  
Bill Kotlan, PE – BGE  
Kate Hallaway, PE – BGE  
hc109@municipalaccounts.com

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**Water Plant No. 2 Expansion**

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

Attention: Cory Burton

Contractor: Schier Construction Company, Inc.  
14250 Schroeder Road  
Houston, Texas 77070

Attention: Jan McArthur

Pay Estimate No. 17

Original Contract Amount: \$ 1,757,150.00

Change Orders: \$ 218,521.79

Current Contract Amount: \$ 1,975,671.79

Completed to Date: \$ 1,952,321.79

Retainage 5% \$ 97,616.09

Balance: \$ 1,854,705.70

Less Previous Payments: \$ 1,803,502.98

Current Payment Due: \$ 51,202.72

BGE Job No. 7440-00

Estimate Period: 10/01/22 - 10/31/22

Contract Date: April 26, 2021

Notice to Proceed: June 14, 2021

Contract Time: 270 Calendar Days

Time Charged: 505 Calendar Days

Approved Extensions: 35 Calendar Days

Requested Time Extensions: 55 Calendar Days

Time Remaining: -200 Calendar Days

Recommended for Approval:



11/2/22

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

Harris County MUD No. 109  
 Water Plant No. 2 Expansion  
 BGE Job No. 7440-00  
 Pay Estimate No. 17

Item	Description	Contract Quantity	Unit	Unit Price	Amount	Completed This Period	Amount This Period	Previous Period	Previous Amount	Total Completed	Total
<b><u>UNIT A: BASE BID ITEMS</u></b>											
1.	Mobilization; Demobilization (complete project)										
	MOB	1.00	LS	\$ 6,000.00	\$ 6,000.00	0.00	\$ -	1.00	\$ 6,000.00	1.00	\$ 6,000.00
	Demob	1.00	LS	\$ 3,000.00	\$ 3,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
2.	Bonds; Insurance; Permits (complete project)										
	Bonds & Insurance	1.00	LS	\$ 24,800.00	\$ 24,800.00	0.00	\$ -	1.00	\$ 24,800.00	1.00	\$ 24,800.00
	Permits	1.00	LS	\$ 2,000.00	\$ 2,000.00	0.00	\$ -	1.00	\$ 2,000.00	1.00	\$ 2,000.00
3.	Furnish and Install new 420,000 gallon Bolted Steel Ground Storage Tank factory coated with Thermoset Powder Epoxy including foundation with all required appurtenances; including Cathodic Protection. Complete in Place.										
	Foundation	1.00	LS	\$ 62,400.00	\$ 62,400.00	0.00	\$ -	1.00	\$ 62,400.00	1.00	\$ 62,400.00
	Tank Pad	1.00	LS	\$ 3,200.00	\$ 3,200.00	0.00	\$ -	1.00	\$ 3,200.00	1.00	\$ 3,200.00
	TANK										
	a. Material	1.00	LS	\$ 167,800.00	\$ 167,800.00	0.00	\$ -	1.00	\$ 167,800.00	1.00	\$ 167,800.00
	b. Erection	1.00	LS	\$ 60,200.00	\$ 60,200.00	0.00	\$ -	1.00	\$ 60,200.00	1.00	\$ 60,200.00
	Cathodic Protection	1.00	LS	\$ 21,800.00	\$ 21,800.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Paint	1.00	LS	\$ 6,300.00	\$ 6,300.00	0.00	\$ -	1.00	\$ 6,300.00	1.00	\$ 6,300.00
	Splash Pad	1.00	LS	\$ 4,000.00	\$ 4,000.00	0.00	\$ -	1.00	\$ 4,000.00	1.00	\$ 4,000.00
	Sterilization	1.00	LS	\$ 1,500.00	\$ 1,500.00	0.00	\$ -	1.00	\$ 1,500.00	1.00	\$ 1,500.00
	O&M's	1.00	LS	\$ 500.00	\$ 500.00	1.00	\$ 500.00	0.00	\$ -	1.00	\$ 500.00
4.	Booster Pump Station including foundation, pumps and motors, controls, piping, valves, supports, and appurtenances; Complete in Place.										
	Foundation	1.00	LS	\$ 30,800.00	\$ 30,800.00	0.00	\$ -	1.00	\$ 30,800.00	1.00	\$ 30,800.00
	PUMPS										
	a. Material	1.00	LS	\$ 68,600.00	\$ 68,600.00	0.00	\$ -	1.00	\$ 68,600.00	1.00	\$ 68,600.00
	b. Installation	1.00	LS	\$ 6,000.00	\$ 6,000.00	0.00	\$ -	1.00	\$ 6,000.00	1.00	\$ 6,000.00
	PIPING										



Harris County MUD No. 109  
 Water Plant No. 2 Expansion  
 BGE Job No. 7440-00  
 Pay Estimate No. 17

Item	Description	Contract Quantity	Unit	Unit Price	Amount	Completed This Period	Amount This Period	Previous Period	Previous Amount	Total Completed	Total
	a. Material	1.00	LS	\$ 83,400.00	\$ 83,400.00	0.00	\$ -	1.00	\$ 83,400.00	1.00	\$ 83,400.00
	b. Installation	1.00	LS	\$ 12,000.00	\$ 12,000.00	0.00	\$ -	1.00	\$ 12,000.00	1.00	\$ 12,000.00
	Pipe Supports	1.00	LS	\$ 5,000.00	\$ 5,000.00	0.00	\$ -	1.00	\$ 5,000.00	1.00	\$ 5,000.00
	Paint	1.00	LS	\$ 12,000.00	\$ 12,000.00	0.00	\$ -	1.00	\$ 12,000.00	1.00	\$ 12,000.00
	O&M's	1.00	LS	\$ 500.00	\$ 500.00	1.00	\$ 500.00	0.00	\$ -	1.00	\$ 500.00
5.	Operations Building including foundation, painting, and all appurtenances; Complete in Place.										
	Foundation	1.00	LS	\$ 27,500.00	\$ 27,500.00	0.00	\$ -	1.00	\$ 27,500.00	1.00	\$ 27,500.00
	Walls -CMU	1.00	LS	\$ 14,200.00	\$ 14,200.00	0.00	\$ -	1.00	\$ 14,200.00	1.00	\$ 14,200.00
	Roof	1.00	LS	\$ 33,400.00	\$ 33,400.00	0.00	\$ -	1.00	\$ 33,400.00	1.00	\$ 33,400.00
	Doors	1.00	LS	\$ 7,500.00	\$ 7,500.00	0.20	\$ 1,500.00	0.80	\$ 6,000.00	1.00	\$ 7,500.00
	HVAC	1.00	LS	\$ 3,000.00	\$ 3,000.00	0.27	\$ 800.00	0.73	\$ 2,200.00	1.00	\$ 3,000.00
	Paint	1.00	LS	\$ 9,600.00	\$ 9,600.00	0.00	\$ -	1.00	\$ 9,600.00	1.00	\$ 9,600.00
	Misc - Lab Table, Burglar Bars	1.00	LS	\$ 3,200.00	\$ 3,200.00	0.00	\$ -	1.00	\$ 3,200.00	1.00	\$ 3,200.00
	O&M's	1.00	LS	\$ 500.00	\$ 500.00	1.00	\$ 500.00	0.00	\$ -	1.00	\$ 500.00
6.	On-site Yard Piping and Appurtenances. Complete in Place.										
	PIPING										
	a. Material	1.00	LS	\$ 61,800.00	\$ 61,800.00	0.00	\$ -	1.00	\$ 61,800.00	1.00	\$ 61,800.00
	b. Installation	1.00	LS	\$ 27,900.00	\$ 27,900.00	0.00	\$ -	1.00	\$ 27,900.00	1.00	\$ 27,900.00
	Paint	1.00	LS	\$ 5,600.00	\$ 5,600.00	0.00	\$ -	1.00	\$ 5,600.00	1.00	\$ 5,600.00
	Sterilization	1.00	LS	\$ 1,000.00	\$ 1,000.00	0.00	\$ -	1.00	\$ 1,000.00	1.00	\$ 1,000.00
	O&M's	1.00	LS	\$ 500.00	\$ 500.00	1.00	\$ 500.00	0.00	\$ -	1.00	\$ 500.00
7.	Demolition of existing electrical equipment, including MCC, generator, etc.										
	Paving	1.00	LS	\$ 6,000.00	\$ 6,000.00	0.00	\$ -	1.00	\$ 6,000.00	1.00	\$ 6,000.00
	Electrical	1.00	LS	\$ 4,700.00	\$ 4,700.00	0.00	\$ -	1.00	\$ 4,700.00	1.00	\$ 4,700.00

Harris County MUD No. 109  
 Water Plant No. 2 Expansion  
 BGE Job No. 7440-00  
 Pay Estimate No. 17

Item	Description	Contract Quantity	Unit	Unit Price	Amount	Completed This Period	Amount This Period	Previous Period	Previous Amount	Total Completed	Total
8.	Furnish and Install Electrical system, including but not limited to install all work shown as plans, MCC, automatic transfer switch, lighting and receptacles, service disconnect, instrumentation, modification to EST equipment, duct banks, grounding, and all required appurtenances; Complete in Place.										
	MCC Pad	1.00	LS	\$ 2,500.00	\$ 2,500.00	0.00	\$ -	1.00	\$ 2,500.00	1.00	\$ 2,500.00
	Electrical	1.00	LS	\$ 454,000.00	\$ 454,000.00	0.00	\$ -	1.00	\$ 454,000.00	1.00	\$ 454,000.00
	O&M's	1.00	LS	\$ 500.00	\$ 500.00	1.00	\$ 500.00	0.00	\$ -	1.00	\$ 500.00
9.	Installation of Weatherhead service equipment, reconnection of electrical service; Complete in Place.	1.00		\$ 6,000.00	\$ 6,000.00	0.00	\$ -	1.00	\$ 6,000.00	1.00	\$ 6,000.00
10.	Site work, including site preparation, grading, drainage, swales, concrete paving, chain link fence, and site restoration; Complete in Place.										
	Site Preparation	1.00	LS	\$ 7,000.00	\$ 7,000.00	0.00	\$ -	1.00	\$ 7,000.00	1.00	\$ 7,000.00
	Concrete Paving	1.00	LS	\$ 30,400.00	\$ 30,400.00	0.20	\$ 6,000.00	0.80	\$ 24,400.00	1.00	\$ 30,400.00
	Sidewalks	1.00	LS	\$ 8,800.00	\$ 8,800.00	1.00	\$ 8,800.00	0.00	\$ -	1.00	\$ 8,800.00
	Bollards	1.00	LS	\$ 3,200.00	\$ 3,200.00	0.00	\$ -	1.00	\$ 3,200.00	1.00	\$ 3,200.00
	Fence	1.00	LS	\$ 3,000.00	\$ 3,000.00	0.00	\$ -	1.00	\$ 3,000.00	1.00	\$ 3,000.00
	Final Grading	1.00	LS	\$ 8,000.00	\$ 8,000.00	1.00	\$ 8,000.00	0.00	\$ -	1.00	\$ 8,000.00
	Hydromulch	1.00	LS	\$ 2,600.00	\$ 2,600.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
11.	Trench Safety System, including Trench Safety Plan, Complete In Place	1.00	LS	\$ 300.00	\$ 300.00	0.00	\$ -	1.00	\$ 300.00	1.00	\$ 300.00
	<b>Unit A: Base Bid Items - Subtotal</b>				\$ 1,314,500.00		\$ 27,600.00		\$ 1,259,500.00		\$ 1,287,100.00

Harris County MUD No. 109  
 Water Plant No. 2 Expansion  
 BGE Job No. 7440-00  
 Pay Estimate No. 17

Item	Description	Contract Quantity	Unit	Unit Price	Amount	Completed This Period	Amount This Period	Previous Period	Previous Amount	Total Completed	Total
<b><u>UNIT B: SUPPLEMENTAL BID ITEMS</u></b>											
1.	"Extra" as directed, 550 KW Natural Gas Emergency Generator including sound attenuating enclosure, load bank, and foundations; Complete in Place. Demo Existing Generator	1.00	LS	\$ 3,000.00	\$ 3,000.00	0.00	\$ -	1.00	\$ 3,000.00	1.00	\$ 3,000.00
	Foundation & Load Bank	1.00	LS	\$ 21,100.00	\$ 21,100.00	0.00	\$ -	1.00	\$ 21,100.00	1.00	\$ 21,100.00
	Sidewalk	1.00	LS	\$ 7,200.00	\$ 7,200.00	0.50	\$ 3,600.00	0.50	\$ 3,600.00	1.00	\$ 7,200.00
	Bollards	1.00	LS	\$ 5,800.00	\$ 5,800.00	0.00	\$ -	1.00	\$ 5,800.00	1.00	\$ 5,800.00
	New Gas Generator	1.00	LS	\$ 373,800.00	\$ 373,800.00	0.00	\$ -	1.00	\$ 373,800.00	1.00	\$ 373,800.00
	Natural Gas Line	1.00	LS	\$ 5,000.00	\$ 5,000.00	0.00	\$ -	1.00	\$ 5,000.00	1.00	\$ 5,000.00
	Electrical	1.00	LS	\$ 8,200.00	\$ 8,200.00	0.00	\$ -	1.00	\$ 8,200.00	1.00	\$ 8,200.00
	O&M's	1.00	LS	\$ 500.00	\$ 500.00	1.00	\$ 500.00	0.00	\$ -	1.00	\$ 500.00
2.	"Extra" as directed, extend concrete drive for Generator access per plans, Complete in Place.	1.00	LS	\$ 7,000.00	\$ 7,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
3.	"Extra" as directed, Excavation and Backfill for Structure. Complete in Place. (\$5.00 CY Per minimum)	50.00	CY	\$ 5.00	\$ 250.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
4.	"Extra" as directed, Excavation, Trenching, and Backfill for Utilities. Complete in Place.	50.00	CY	\$ 5.00	\$ 250.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
5.	"Extra" as directed, Reinforcing Steel. Complete in Place. (\$1,000 per TON minimum)	1.00	TON	\$ 1,000.00	\$ 1,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
6.	"Extra" as directed, Cast in Place Concrete. Complete in Place. (\$200 per CY minimum)	10.00	CY	\$ 200.00	\$ 2,000.00	0.00	\$ -	19.00	\$ 3,800.00	19.00	\$ 3,800.00

Harris County MUD No. 109  
 Water Plant No. 2 Expansion  
 BGE Job No. 7440-00  
 Pay Estimate No. 17

Item	Description	Contract Quantity	Unit	Unit Price	Amount	Completed This Period	Amount This Period	Previous Period	Previous Amount	Total Completed	Total
7.	"Extra" as directed, Ductile Iron Fittings, Complete in Place. (\$1,500 per TON minimum)	2.00	TON	\$ 1,500.00	\$ 3,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
8.	"Extra" as directed, 8-inch C905-DR18 PVC Pipe (all depths). Complete in Place. (\$25.00 per LF minimum)	40.00	LF	\$ 25.00	\$ 1,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
9.	"Extra" as directed, 16-inch C905-DR18 PVC Pipe (all depths). Complete in Place. (\$30.00 per LF minimum)	40.00	LF	\$ 30.00	\$ 1,200.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
10.	"Extra" as directed, 18-inch C905-DR18 PVC Pipe (all depths). Complete in Place. (\$35.00 per LF minimum)	10.00	LF	\$ 35.00	\$ 350.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
11.	"Extra" as directed, Site Improvements. Complete in Place. (\$2,000 minimum)	1.00	LS	\$ 2,000.00	\$ 2,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
<b>Unit B: Supplemental Bid Items - Subtotal</b>					\$ 442,650.00		\$ 4,100.00		\$ 424,300.00		\$ 428,400.00
Total Contract Amount:					\$ 1,757,150.00						
<b>Change Order No. 1</b>											
<b><u>ADD:</u></b>											
	Addition of a restroom in the operations building, 3" water supply line, grinder station and 2" sanitary force main	1.00	LS	\$ 175,000.00	\$ 175,000.00	0.03	\$ 6,100.00	0.95	\$ 165,400.00	0.98	\$ 171,500.00
	Removal of Cathodic System from Scope	1.00	LS	\$ 3,000.00	\$ 3,000.00	0.00	\$ -	1.00	\$ 3,000.00	1.00	\$ 3,000.00

Harris County MUD No. 109  
 Water Plant No. 2 Expansion  
 BGE Job No. 7440-00  
 Pay Estimate No. 17

Item	Description	Contract Quantity	Unit	Unit Price	Amount	Completed This Period	Amount This Period	Previous Period	Previous Amount	Total Completed	Total
<b><u>DELETE:</u></b>											
3.	Furnish and Install new 420,000 gallon Bolted Steel Ground Storage Tank factory coated with Thermoset Powder Epoxy including foundation with all required appurtenances; including Cathodic Protection. Complete in Place.										
	Cathodic Protection	-1.00	LS	\$ 21,800.00	\$ (21,800.00)	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Change Order No. 1 - Subtotal				\$ 156,200.00		\$ 6,100.00		\$ 168,400.00		\$ 174,500.00
Change Order No. 2											
<b><u>ADD:</u></b>											
	Generator Price Increase	1.00	LS	\$ 15,738.00	\$ 15,738.00	0.00	\$ -	1.00	\$ 15,738.00	1.00	\$ 15,738.00
	Piping Price Increase	1.00	LS	\$ 22,386.19	\$ 22,386.19	0.00	\$ -	1.00	\$ 22,386.19	1.00	\$ 22,386.19
	Change Order No. 2 -Subtotal				\$ 38,124.19		\$ -		\$ 38,124.19		\$ 38,124.19
Change Order No. 3											
<b><u>ADD:</u></b>											
	Bore Casing for 2" Force Main	1.00	LS	\$ 2,200.00	\$ 2,200.00	0.00	\$ -	1.00	\$ 2,200.00	1.00	\$ 2,200.00
	Change Order No. 3 - Subtotal				\$ 2,200.00		\$ -		\$ 2,200.00		\$ 2,200.00

Harris County MUD No. 109  
 Water Plant No. 2 Expansion  
 BGE Job No. 7440-00  
 Pay Estimate No. 17

Item	Description	Contract Quantity	Unit	Unit Price	Amount	Completed This Period	Amount This Period	Previous Period	Previous Amount	Total Completed	Total
Change Order No. 4											
<b><u>ADD:</u></b>											
	Relocation of proposed service structure	1.00	LS	\$ 5,900.00	\$ 5,900.00	0.00	\$ -	1.00	\$ 5,900.00	1.00	\$ 5,900.00
	Change Order No. 4 - Subtotal				\$ 5,900.00		\$ -		\$ 5,900.00		\$ 5,900.00
Change Order No. 5											
<b><u>ADD:</u></b>											
	Electrical Materials Cost Increase	1.00	LS	\$ 16,097.60	\$ 16,097.60	1.00	\$ 16,097.60	0.00	\$ -	1.00	\$ 16,097.60
	Change Order No. 5 - Subtotal				\$ 16,097.60		\$ 16,097.60		\$ -		\$ 16,097.60
	Totals:				\$ 1,975,671.79		\$ 53,897.60		\$ 1,898,424.19		\$ 1,952,321.79

**CONTRACTOR AFFIDAVIT FOR PARTIAL PAYMENT**

STATE OF TEXAS           §

COUNTY OF HARRIS       §

BEFORE ME, the undersigned authority, on this day personally appeared James E. Schier  
the President

of **Schier Construction Company, Inc.** ("CONTRACTOR"). CONTRACTOR has performed labor and furnished materials pursuant to that certain Contract entered into on the 26th day of April, 2021 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 Water Plant No. 2 Expansion 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. 17, dated 10/28/2022 (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 28th day of October, 2022.

SCHIER CONSTRUCTION COMPANY, INC.

By:

James E. Schier  
James E. Schier

Name  
Printed:

President

Title:

STATE OF TEXAS §

COUNTY OF Harris §

Subscribed and sworn to before me, the undersigned authority, on this the 28th day of October, 2022, to certify which, witness my hand and seal of office.



Janice McArthur  
Notary Public, State of Texas

Notary's Name Printed: Janice McArthur

My commission expires: 10/12/2022



**WWWMS, INC.**  
**HARRIS COUNTY MUD # 109**  
**OPERATIONS REPORT**  
 Tuesday, November 15, 2022

**BILLING AND COLLECTION RECAP:**

**DEPOSITED IN YOUR ACCOUNT LAST MONTH:**

Period Ending:	Oct-22	
Deposit:	\$	4,075.00
Penalty:	\$	4,662.31
Water:	\$	60,487.53
Sewer:	\$	53,081.88
Inspection:	\$	832.31
Voluntary Fire & EMS:	\$	-
Misc:	\$	5,134.39
NHCRWA:	\$	101,843.98
Reconnect:	\$	-
NSF Fee:	\$	35.00
<b>Total Collections:</b>	<b>\$</b>	<b>230,152.40</b>

**CURRENT BILLING:**

Period Ending:	Nov-22	
Deposit:	\$	-
Penalty:	\$	4,257.75
Water:	\$	49,021.05
Sewer:	\$	54,798.63
Inspection:	\$	801.00
Voluntary Fire & EMS:	\$	-
Misc:	\$	3,260.00
NHCRWA:	\$	111,598.74
<b>Total Billing:</b>	<b>\$</b>	<b>223,737.17</b>

**CUSTOMER AGED RECEIVABLES:**

30 Day	21%	\$	48,065.95
60 Day	7%	\$	14,724.98
90 Day	1%	\$	2,748.76
120 Day	6%	\$	12,475.94
Overpayments		\$	(13,537.48)
<b>Total Receivables:</b>		<b>\$</b>	<b>64,478.15</b>

**WATER PLANT OPERATIONS:**

**Period: 10/1/2022 thru 10/31/2022**

**MONTHLY TOTAL**

Production:	43.532	MG
Amount Purchased:	0.000	MG
Total Amount:	43.532	MG
Consumption: (Billed)	25.661	MG
46 I/C & Main breaks	17.071	MG
Est. Amt. Sold to HC MUD 151	0.800	MG
Total:	43.532	MG
Daily Average Production:	1.404	MG
Percent Accounted For:	100.00%	

**Water Sold to HC MUD 46 - IC Closed October 25, 2022**

**Water Sold to HC MUD 46 - IC Open August 4, 2022**

**CONNECTION COUNT:**

Residential:	2983
Commercial:	118
Clubs/Schools:	1
Irrigation:	19
Vacant:	33
Builders:	19
Vacation:	0
No Bill:	6
	<b>3179</b>
<b>New Finals and Transfers</b>	<b>-27</b>
	<b>3152</b>

**HGCSO PERIOD: 10/1/22 THRU 10/31/22**

**Period 6/1/22 thru 5/31/23**

**MONTHLY TOTAL**

Gallons Authorized:	450.000	MG
Current Month Produced:	43.532	MG
Cum. Gallons Produced:	168.174	MG
Auth. Gallons Remaining:	281.826	MG
Avg. Gallons Per Month:	42.044	MG
Permit Months Remaining:	8	

**NEW METER INSTALLATIONS:**

Residential:	0
Commercial:	0
<b>Total:</b>	<b>0</b>

**ACCOUNTS SENT TO COLLECTIONS:**

Total of (0)

## HARRIS COUNTY MUD #109

### ACTIVITY REPORT

November 15, 2022

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 October 2022
- D.) Billing / Recap Summary Report

Item 2: Water Plant # 1 & # 2

GM Services Completed well pump performance test.  
See Attached Reports

Item 3: Water Plant # 2

Today's Intergration - Installed update security alarms and camers on new building.

Item 4: HC MUD 46 (No update on well pump)

Interconnect open as of 8-4-2022 at 4:30 PM.  
Interconnect closed on October 25, 2022

Item 5: Polyphosphate tank has been replaced with a double containment wall tank.

Submitted pictures to TCEQ Inspector.

Item 6: Cut off Report / Status on Arrears Account

Delinquent: 11/3/2022

Door Hangers: 11/14/2022

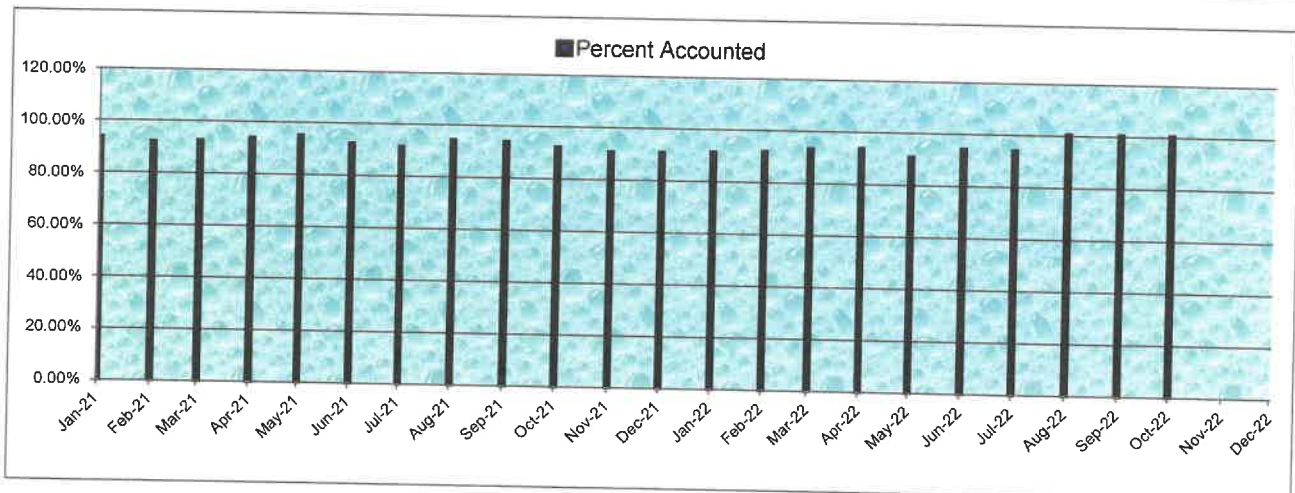
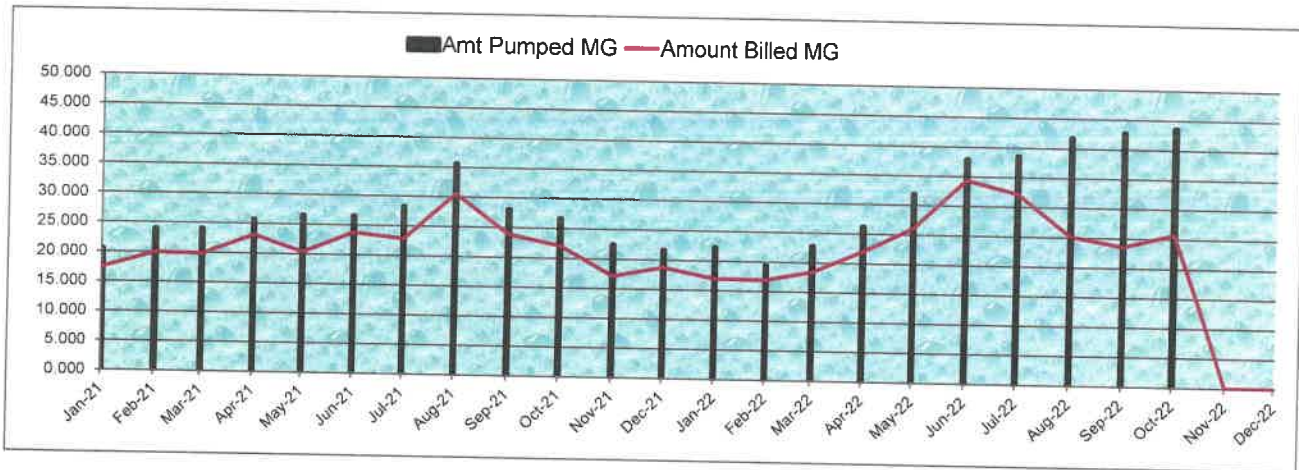
Cut offs: 11/17/2022

# HARRIS COUNTY MUD #109

## WATER PRODUCTION REPORT

November 15, 2022

Month /Year	Amt Pumped MG	Amt Billed MG	Maint. MG	Amt. Sold I/C	Amount HC 151	Total Amount	Percent Accounted
Jan-21	20.464	17.381	0.650	0.000	1.000	19.031	93.00%
Feb-21	23.857	19.921	1.200	0.000	0.700	21.821	91.47%
Mar-21	23.992	19.792	1.500	0.000	0.800	22.092	92.08%
Apr-21	25.638	23.101	0.000	0.000	0.800	23.901	93.22%
May-21	26.438	20.382	3.800	0.000	0.800	24.982	94.49%
Jun-21	26.529	23.765	0.000	0.000	0.600	24.365	91.84%
Jul-21	28.227	22.834	2.000	0.000	0.800	25.634	90.80%
Aug-21	35.609	30.605	2.000	0.000	0.800	33.405	93.81%
Sep-21	28.028	23.898	1.500	0.000	0.800	26.198	93.47%
Oct-21	26.613	22.092	1.500	0.000	0.800	24.392	91.65%
Nov-21	22.398	17.099	2.300	0.000	0.800	20.199	90.18%
Dec-21	21.649	18.748	0.000	0.000	0.800	19.548	90.30%
Jan-22	22.266	16.936	2.500	0.000	0.800	20.236	90.88%
Feb-22	19.401	16.923	0.000	0.000	0.800	17.723	91.35%
Mar-22	22.811	18.373	2.000	0.000	0.800	21.173	92.82%
Apr-22	26.228	21.959	1.700	0.000	0.800	24.459	93.26%
May-22	31.864	26.073	1.900	0.000	0.800	28.773	90.30%
Jun-22	37.878	34.370	0.300	0.000	0.850	35.520	93.77%
Jul-22	38.503	32.204	3.000	0.000	0.800	36.004	93.51%
Aug-22	41.787	25.172	1.500	16.075	0.800	25.172	100.00%
Sep-22	42.716	23.564	1.500	17.652	0.800	23.564	100.00%
Oct-22	43.532	25.661	1.500	17.071	0.800	25.661	100.00%
Nov-22							
Dec-22							
<b>Total</b>	<b>636.428</b>	<b>500.853</b>	<b>32.350</b>	<b>50.798</b>	<b>17.550</b>	<b>543.850</b>	<b>2052.21%</b>
<b>Average</b>	<b>28.929</b>	<b>22.766</b>	<b>1.470</b>	<b>2.309</b>	<b>0.798</b>	<b>24.720</b>	<b>93.28%</b>



**NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY**  
**Groundwater and/or Surface Water Reporting and Billing Form - 2022**  
 \*\*\*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
October 01-31, 2022	\$4.60 groundwater \$5.05 surface water	December 18, 2022

*Gallons of Groundwater Pumped for Billing Period*

	Start Meter Reading	End Meter Reading	Total
Well #2083	290,277 x1000	303,201 x1000	12,924,000
Well #4448	343,466 x1000	374,785 x1000	31,319,000
Adjustment			0

*Water imported from outside NHCRWA*

Imported water Meter reading:	Source:		0
	x	x	

*Miscellaneous water (not billed)*

Other entity	Water Type	Direction	Amount
	Groundwater	Out	

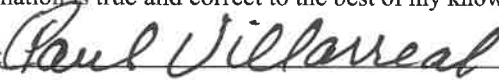
1	Enter total gallons of groundwater pumped and/or imported	44,243,000
2	Divide by 1000	44,243
3	Total groundwater fee due (multiply line 2 x \$4.60)	\$203,517.80
4	Enter total gallons of surface water received	0
5	Divide by 1000	0
6	Total surface water fee due (multiply line 5 x \$5.05)	\$0.00
7	Deduct 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	\$191,256.55

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: November 09, 2022

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 2022 THROUGH DECEMBER 2022 ANNUAL RECAP COLLECTIONS REPORT

	January 2022	February 2022	March 2022	April 2022	May 2022	June 2022	July 2022	August 2022	September 2022	October 2022	November 2022	December 2022	
<b>COLLECTIONS:</b>													
WATER PAYMENTS	\$ 49,007.62	\$ 49,294.08	\$ 46,437.54	\$ 48,740.62	\$ 58,433.16	\$ 54,105.50	\$ 65,175.39	\$ 64,235.87	\$ 54,999.06	\$ 60,487.53			\$ 550,916.37
SEWER PAYMENTS	\$ 50,115.21	\$ 50,019.30	\$ 47,771.92	\$ 47,459.65	\$ 53,496.59	\$ 51,173.69	\$ 52,548.75	\$ 53,775.78	\$ 49,668.93	\$ 53,081.88			\$ 509,111.70
PENALTY PAYMENTS	\$ 4,041.43	\$ 3,885.51	\$ 3,926.82	\$ 3,401.56	\$ 4,669.20	\$ 4,348.36	\$ 3,972.24	\$ 5,160.84	\$ 4,871.60	\$ 4,662.31			\$ 42,939.87
CHCWA	\$ 77,347.62	\$ 71,655.03	\$ 67,452.03	\$ 68,508.91	\$ 92,604.29	\$ 100,572.15	\$ 134,522.38	\$ 134,111.11	\$ 103,529.25	\$ 101,843.98			\$ 952,146.65
RECONNECT FEES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
MISCELLANEOUS	\$ 5,738.95	\$ 5,364.05	\$ 6,910.78	\$ 5,470.82	\$ 5,287.13	\$ 6,645.97	\$ 7,989.16	\$ 5,913.04	\$ 6,003.93	\$ 5,134.39			\$ 59,858.22
DEPOSIT	\$ 4,900.00	\$ 4,350.00	\$ 9,600.00	\$ 4,450.00	\$ 5,575.00	\$ 5,750.00	\$ 6,475.00	\$ 4,725.00	\$ 4,150.00	\$ 4,075.00			\$ 54,050.00
NSF FEES	\$ -	\$ 65.93	\$ 74.07	\$ 140.00	\$ 70.00	\$ 70.00	\$ 35.00	\$ 35.00	\$ 35.00	\$ 35.00			\$ 580.00
INSPECTION FEES	\$ 601.00	\$ 721.00	\$ 801.00	\$ 441.00	\$ 673.84	\$ 677.66	\$ 1,124.60	\$ 567.90	\$ 609.69	\$ 832.31			\$ 7,250.00
<b>TOTAL DEPOSIT</b>	\$ 191,751.83	\$ 185,354.90	\$ 182,974.16	\$ 178,612.46	\$ 221,009.21	\$ 223,343.33	\$ 271,242.52	\$ 268,524.54	\$ 223,867.46	\$ 230,152.40			\$ 2,176,832.81
<b>ARREARS BREAKDOWN</b>													
30 DAYS	\$ 45,359.97	\$ 40,650.32	\$ 42,465.53	\$ 55,537.29	\$ 41,576.65	\$ 48,911.20	\$ 55,854.83	\$ 51,038.02	\$ 53,376.39	\$ 48,065.95			\$ 482,836.15
60 DAYS	\$ 10,565.82	\$ 12,317.93	\$ 10,916.85	\$ 11,835.69	\$ 13,996.86	\$ 11,984.10	\$ 12,954.75	\$ 15,655.03	\$ 15,378.97	\$ 14,724.98			\$ 130,240.98
90 DAYS	\$ 5,453.57	\$ 1,627.72	\$ 2,068.29	\$ 985.16	\$ 1,373.50	\$ 1,911.98	\$ 1,345.41	\$ 1,261.37	\$ 1,186.39	\$ 2,748.76			\$ 20,162.15
120 DAYS	\$ 7,651.90	\$ 11,330.60	\$ 11,455.58	\$ 11,998.45	\$ 11,615.91	\$ 9,873.55	\$ 10,527.55	\$ 11,219.67	\$ 11,696.82	\$ 12,475.94			\$ 109,845.97
OVER PAYMENTS	\$ (9,165.83)	\$ (9,703.34)	\$ (10,531.94)	\$ (11,951.48)	\$ (14,667.09)	\$ (13,217.14)	\$ (10,673.18)	\$ (9,168.47)	\$ (9,014.31)	\$ (13,537.48)			\$ (111,630.28)
<b>TOTAL ARREARS</b>	\$ 59,865.43	\$ 56,423.23	\$ 56,374.31	\$ 68,405.11	\$ 53,885.83	\$ 59,463.69	\$ 70,009.36	\$ 69,915.62	\$ 72,624.26	\$ 64,478.15	\$ -	\$ -	\$ 631,454.99



November 10, 2022

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 2027 GPM @ 322' field head	Excellent	<input checked="" type="checkbox"/>	Good	<input type="checkbox"/>	Marginal	<input type="checkbox"/>	Poor	<input type="checkbox"/>
Overall efficiency is 72 percent	Excellent	<input checked="" type="checkbox"/>	Good	<input type="checkbox"/>	Satisfactory	<input type="checkbox"/>	Poor	<input type="checkbox"/>
Pump Submergence 161 feet	Excellent	<input checked="" type="checkbox"/>	Good	<input type="checkbox"/>	Marginal	<input type="checkbox"/>	Poor	<input type="checkbox"/>
Physical Condition of unit	Excellent	<input type="checkbox"/>	Good	<input checked="" type="checkbox"/>	Marginal	<input type="checkbox"/>	Poor	<input type="checkbox"/>
Suspended Solids Testing	Excellent	<input checked="" type="checkbox"/>	Good	<input type="checkbox"/>	Marginal	<input type="checkbox"/>	Poor	<input type="checkbox"/>
Brass Observed in SST	None	<input checked="" type="checkbox"/>	Trace	<input type="checkbox"/>	Substantial	<input type="checkbox"/>	Excessive	<input type="checkbox"/>
Flowmeter Accuracy is 99.0 percent								

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



# Performance Test Report

SPECIALIZED INSPECTION SERVICES FOR THE WATER INDUSTRY

website: www.g-mservices.com

phone: 281-894-8971

**Facility** Harris County MUD #109 - Well #1 **Test Date** 11/09/2022  
**U.S.G.S. #** LJ-60-63-801 26271 Forest Tibers Drive Houston 77346 **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) -238

Discharge Pressure	10	41
Capacity (GPM)	2027	1723
Pumping Lvl (ft)	-299	-290
Drawdown (ft)	61	52
Specific Capacity	33.23	33.13
Field Head (ft)	322.1	384.71
Water Horsepower	164.8	167.56
Overall Efficiency	72%	75%
Horsepower Input	227.67	222.57
Kilowatt Input	169.9	166.1
Amp Draw	237-246-235	233-242-230
Voltage	485-487-484	482-485-481
Sand (PPM)	1	1
Time (min)	45	15

### Meter Data

Manufacturer: Water Special      Size: 12  
 Serial #: 20171692-12  
 Meter Read: 380449.000  
 Meter accuracy is 99.0 % at 2007 GPM

### Additional Data

Start-up Sand (PPM) 2  
 Brass Detect: No  
 Pump Submergence (ft) 161  
 ETM Read: 39530

Remarks

TECHNICIAN **R McKissick**



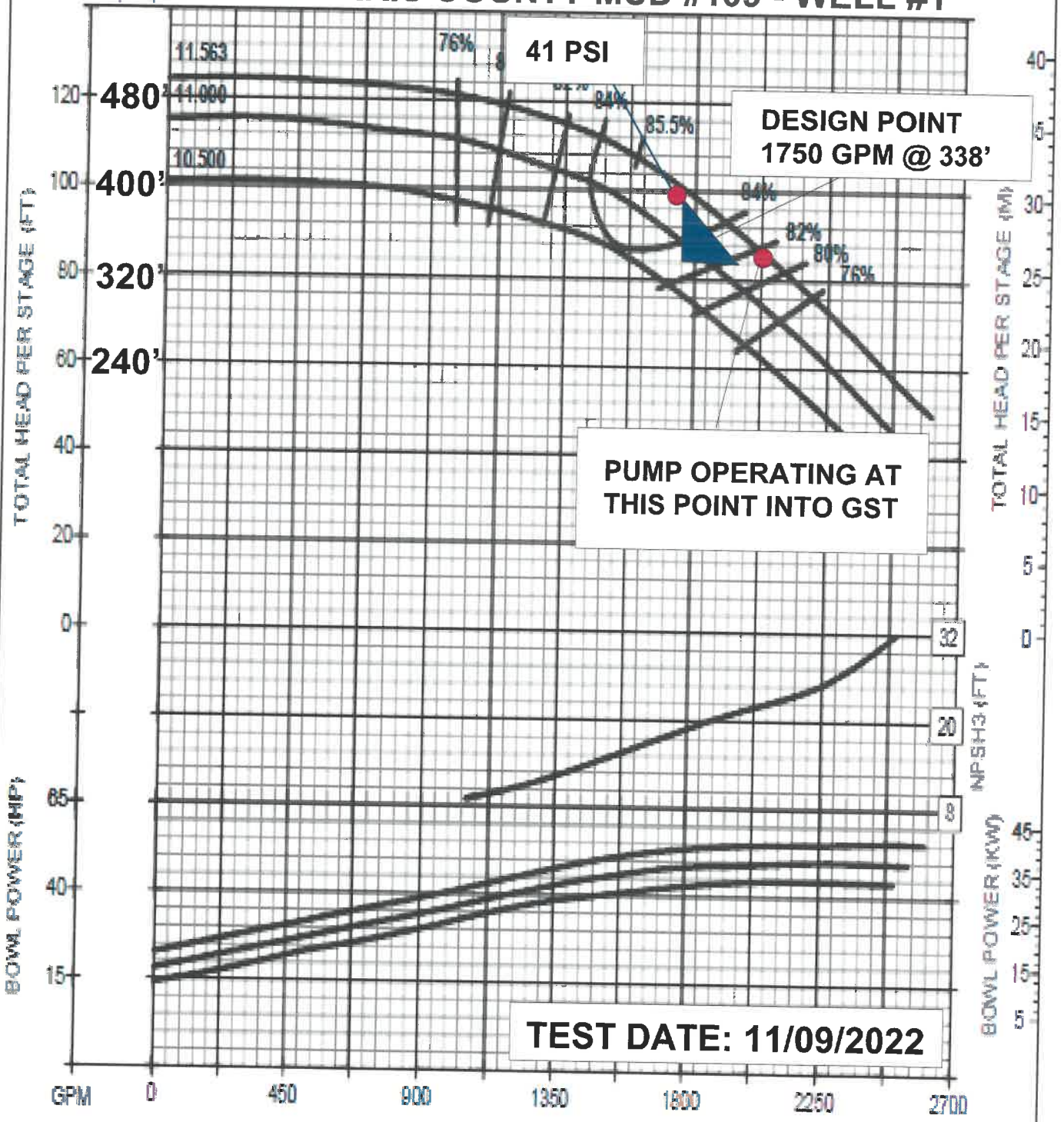
PERFORMANCE BASED ON  
PUMPING CLEAR, FRESH  
NON-AERATED WATER AT  
85° F MAXIMUM UNLESS  
OTHERWISE SPECIFIED



**M14HC**  
1770 RPM

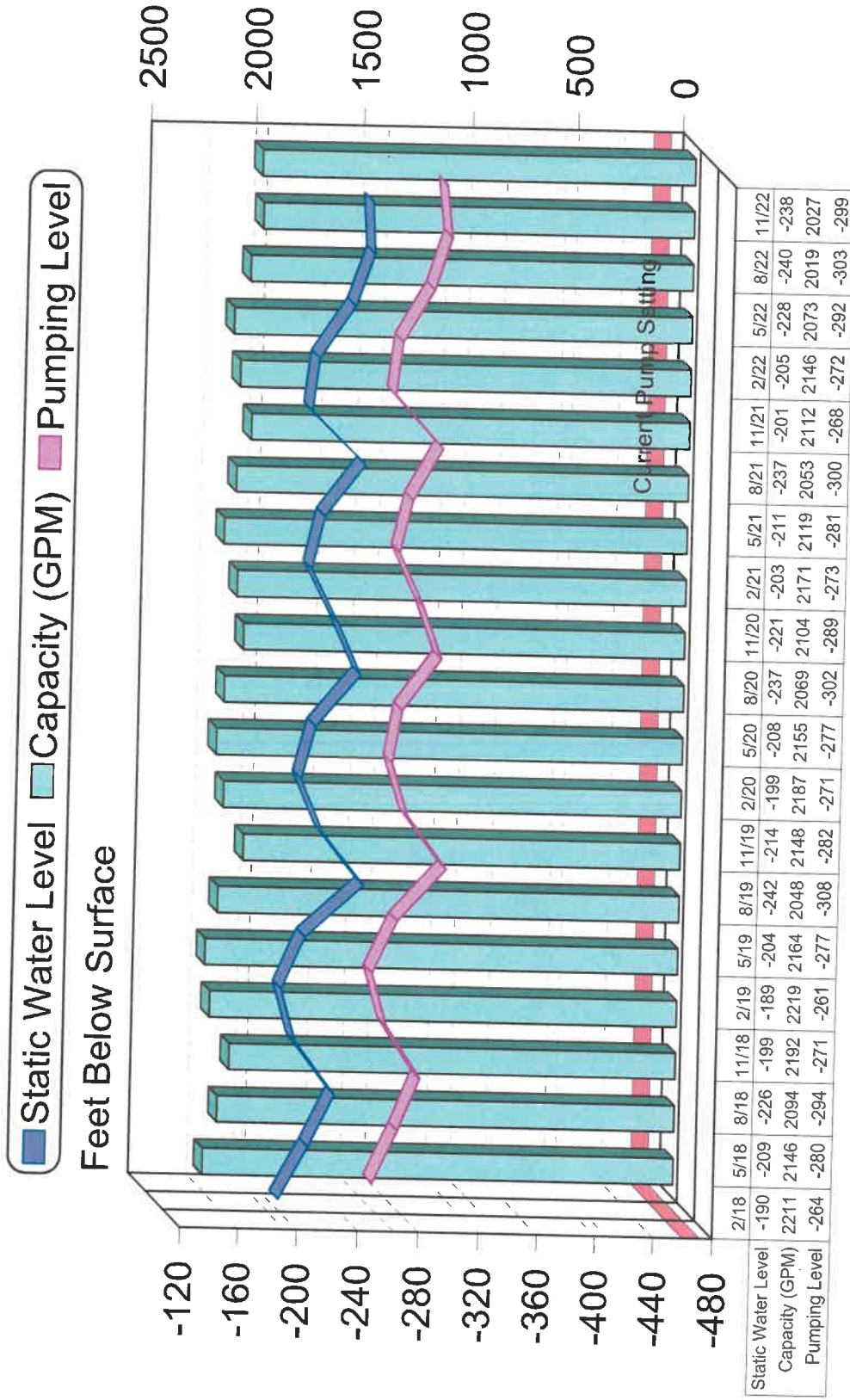
CHANGE EFFICIENCY AS FOLLOWS	NUMBER OF STAGES	1	2	3		DESIGN	GPM	TDH	HP	EFF
	NUMBER OF POINTS	-2	-1	0						

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



# Harris County M.U.D. #109

## Well #1 - Screened 780' thru 1150'





November 10, 2022

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 2086 GPM @ 324' field head	Excellent	Good <input checked="" type="checkbox"/>	Marginal	Poor
Overall efficiency is 62 percent	Excellent	Good <input checked="" type="checkbox"/>	Satisfactory	Poor
Pump Submergence 104 feet	Excellent <input checked="" type="checkbox"/>	Good	Marginal	Poor
Physical Condition of unit	Excellent	Good <input checked="" type="checkbox"/>	Marginal	Poor
Suspended Solids Testing	Excellent <input checked="" type="checkbox"/>	Good	Marginal	Poor
Brass Observed in SST	None <input checked="" type="checkbox"/>	Trace	Substantial	Excessive
Flowmeter Accuracy is 100.3 percent				

The test indicated the pump appears to be operating in good 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

<b>Facility</b> Harris County MUD #109 - Well #2 <b>U.S.G.S. #</b> LJ-60-63-80G	<b>Test Date</b> 11/09/2022 <b>Subsidence Well ID#:</b> 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) -197		
Discharge Pressure	12	42
Capacity (GPM)	2086	1906
Pumping Lvl (ft)	-296	-288
Drawdown (ft)	99	91
Specific Capacity	21.07	20.95
Field Head (ft)	323.72	385.02
Water Horsepower	170.5	185.50
Overall Efficiency	62%	66%
Horsepower Input	275.24	280.73
Kilowatt Input	205.4	209.5
Amp Draw	285-286-290	291-291-297
Voltage	479-480-478	478-480-478
Sand (PPM)	1	1
Time (min)	45	15

### Meter Data

Manufacturer:	Water Spec	Size:	16
Serial #:	20171693-16		
Meter Read:	304891.000		
Meter accuracy is	100.3 % at 2093 GPM		

### Additional Data

Start-up Sand (PPM)	2
Brass Detect:	No
Pump Submergence (ft)	104
ETM Read:	1398

**Remarks**

Well pumps into new GST (previously pumped into elevated tank)

TECHNICIAN R McKissick



Curve No. 3126  
 Size: 14RJMC  
 RPM: 1770

EFFICIENCY CHANGE	
STGS.	
1	0

Ns = 2990

PERF. BASED ON  
 STD. MTL'S.

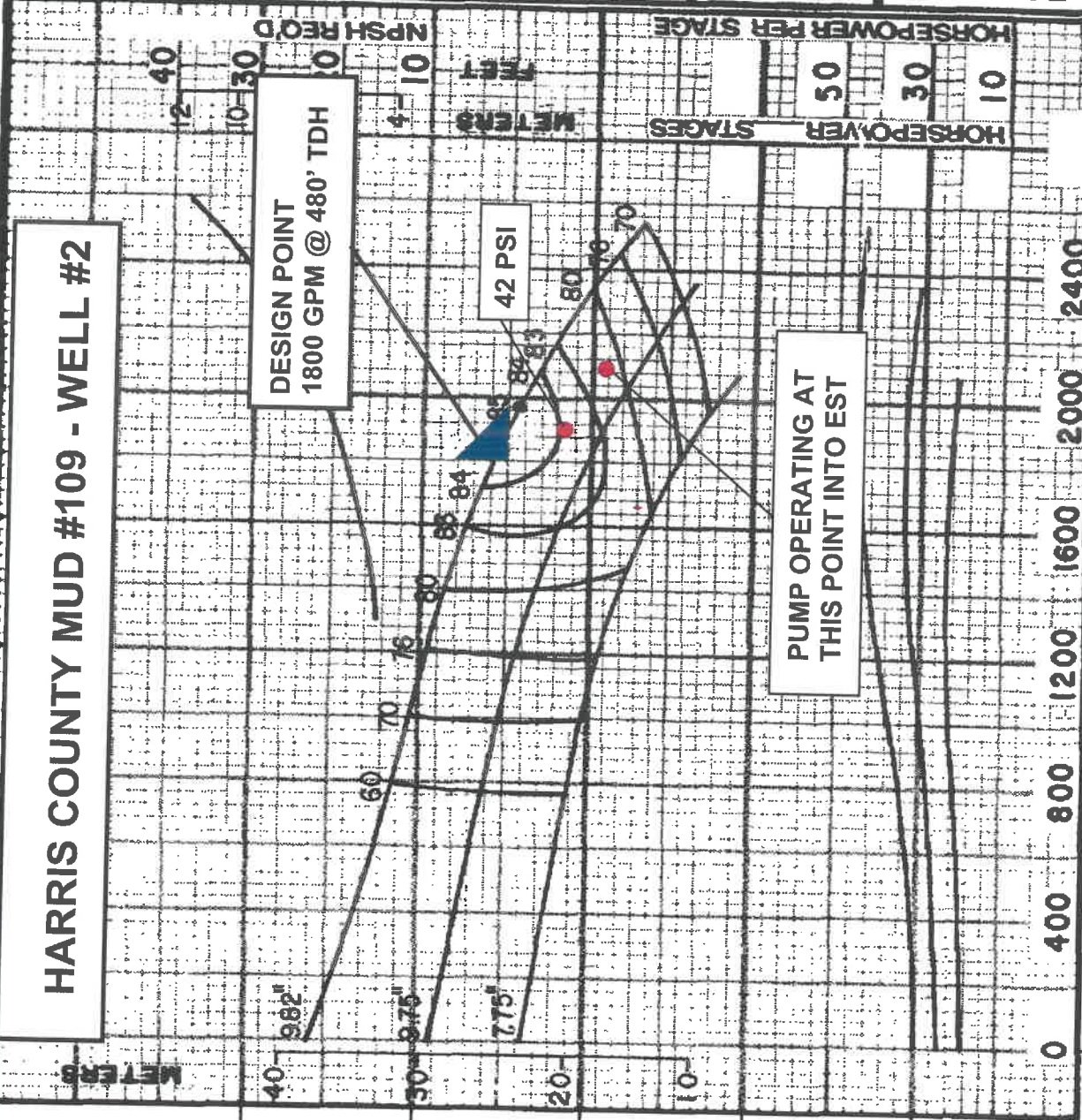
Impeller = B01240B  
 K = 3.2 LBS./FT.  
 19.6 KG./M.  
 K(Bal.) =



VERTICAL PRODUCTS  
 DIVISION

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

**HARRIS COUNTY MUD #109 - WELL #2**



FEET  
 140  
 100  
 60

- PER STAGE  
 STAGES

TOTAL HEAD  
 20

CAPACITY U.S. GPM  
 0 400 800 1200 1600 2000 2400 600

CU. METERS PER HR.

TEST DATE: 11/09/2022

# Harris County M.U.D. #109

## Well #2 - Screened 780' thru 1150'

