

MINUTES OF BOARD OF DIRECTORS MEETING
JANUARY 18, 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 office of Norton Rose Fulbright US LLP, 1301 McKinney, Suite 5100, Houston, Texas 77010, and via teleconference, on January 18, 2022 at 6:00 p.m.; whereupon the roll was called of the Board, to-wit:

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

All members of the Board were present. Also attending all or parts of the meeting were Ms. Ashleigh Bass of Municipal Accounts & Consulting, LP (“MAC”), bookkeeper for the District; Lieutenant Steve Romero of Harris County Precinct 4 Constable’s Office; Mr. Tim Spencer of Ad Valorem Appraisals, tax assessor and collector for the District; Mr. Bill Kotlan of BGE, Inc. (“BGE”), engineer for the District; Mr. Clint Gehrke of Water Waste Water Management Services, Inc. (“WWWMS”), operator for the District; and Mr. Dimitri Millas 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. **Board finding of existence of emergency or public necessity making the convening at one location of a quorum of the governmental body difficult or impossible and permitting a meeting by telephone pursuant to Section 551.125 of the Texas Open Meetings Act.** Upon motion by Director Green, seconded by Director Sulpizio, after full discussion and the question being put to the Board, the Board voted unanimously to find the existence of an emergency or public necessity making the convening at one location of a quorum of the governmental body difficult or impossible and permitting a meeting by telephone pursuant to Section 551.125 of the Texas Open Meetings Act due to COVID-19.

2. **Public Comments.** There were no public comments.

3. **Minutes.** The Board considered the proposed minutes of meeting held on December 21, 2021, previously distributed to the Board. Upon motion by Director Moore, 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 December 21, 2021, as presented.

4. **Security Report.** Lieutenant Romero reviewed the Security Report for the month of December 2021, a copy of which is attached hereto as *Exhibit B*. Upon motion by Director Green, seconded by Director Sulpizio, after full discussion and the question being put to the Board, the Board voted unanimously to approve the Security Report.

5. **Approve Interlocal Agreement with Law Enforcement Services.** President Parker stated that he received a copy of the Interlocal Agreement for Law Enforcement Services between Harris County and the District (the "Agreement"). He stated that he would send the Agreement to NRF for review. Lieutenant Romero noted that the Agreement term is seven months and included three deputies.

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 Agreement subject to President Parker's and NRF's review.

6. **Adopt Order Authorizing Property Tax Exemption.** Mr. Millas presented to and reviewed with the Board the Order Authorizing Exemption from Taxation, a copy of which is attached hereto as *Exhibit C*. He noted the District currently grants an exemption in the amount of \$25,000 of appraised value for individuals who are disabled or 65 years of age or older. Upon motion by Director Moore, seconded by Director Sulpizio, after full discussion and the question being put to the Board, the Board voted unanimously to extend the current exemption for 2022 taxes in the amount of \$25,000 of appraised value for individuals who are disabled or 65 years of age or older.

7. **Adopt Resolution Authorizing Additional Penalty on delinquent taxes.** Mr. Millas presented to and reviewed with the Board the Resolution Authorizing Additional Penalty on Delinquent Taxes pursuant to Sections 33.07, 33.11, and 33.08, Texas Tax Code (the "Resolution"), a copy of which is attached hereto as *Exhibit D*. Mr. Millas noted that the Resolution allows an additional penalty of 20%, which is passed through to the taxpayer to cover the fee of delinquent tax attorneys for collection.

Upon motion by Director Green, seconded by Director Moore, after full discussion and the question being put to the Board, the Board voted unanimously to adopt the Resolution.

8. **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 December 2021, a copy of which is attached hereto as *Exhibit E*.

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 2176 through 2180, from the Tax Account to the persons, in the amounts, and for the purposes listed therein.

9. **Review Bookkeeper's Report.** President Parker recognized Ms. Bass, who presented to and reviewed with the Board the Bookkeeper's Report, a copy of which is attached hereto as *Exhibit F*.

Upon motion by Director Moore, seconded by Director Green, 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.

10. **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 G*.

Mr. Kotlan reported on the utility relocations related to the FM 1960 widening and stated that the contractor expects to begin on the sanitary sewer line next week. He stated last month the Board discussed a change order presented to the District by the Texas Department of Transportation ("TxDOT") to revise unit prices to reflect increases sustained by the contractor. He noted that the District's share of the change order is \$101,487.88 for construction plus contingency and engineering for a total of \$108,541.29. He recommended that the District take action to approve the change order and direct the engineer to request that TxDOT not charge the District for contingencies and engineering for a unit price change order.

Mr. Kotlan reported that for the Water Plant No. 2 Expansion, and presented Pay Estimate No. 7 in the amount of \$60,453.00 for approval. He noted that the work includes site work, work on the ground storage tank and placement of booster pump and operations buildings slabs.

Mr. Kotlan reported on the Barents Drive Lift Station and stated that BGE is working on the plat for the lift station.

Mr. Kotlan reported on the Water Line Extension, and stated that bids have been advertised and will be opened on January 25, 2022 and that BGE will present bids at the February meeting.

Mr. Kotlan reported on the Wastewater Treatment Plant and stated that the project may be expanded to include the replacement of frozen gates in the aeration basins. He noted that project would be discussed at the Atascocita Joint Operations Board meeting.

Mr. Kotlan reported on the Wastewater Treatment Plant permit renewal and stated that the permit is set to expire December 2022. He stated that the renewal application must be submitted in June to provide sufficient time for the renewal process.

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 accept the Engineer's Report, to approve the District's portion of Angel Brothers change order in the amount of \$108,541.29, approve Pay Estimate No. 7 to Schier Construction Company, Inc. in the amount of \$60,453.00 and authorize BGE to prepare and submit application to the Texas Commission on Environmental Quality for renewal of the Wastewater Treatment Plant discharge permit.

11. **Discuss change order related to TxDOT 1960 widening and take appropriate action.** This item was addressed under the previous item.

12. **Discuss plant permits and take any necessary action.** This item was addressed under the Engineer's Report.

13. **Review Operations Report and authorize repairs.** President Parker recognized Mr. Gehrke, who presented the Operations Report dated January 18, 2022 and a list of delinquent accounts, copies of which are attached hereto as *Exhibit H*. Mr. Gehrke reported that 90.30% of the water pumped was billed for the period December 1, 2021 through December 31, 2021.

Mr. Gehrke reported on various maintenance items.

Mr. Gehrke reported on the customer request from Forest Fern Ct. and stated that the customer is requesting to waive the back charges for damages of the service line. He noted that the resident indicated the district line was less than 12 inches deep and refuses to pay the back

charges. He stated that the labor plus material cost is \$575.47. It was the consensus of the Board to not waive the back charges.

Upon motion by Director Sulpizio, seconded by Director Green, 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.

14. **Discuss customer request for Forest Fern Ct. and take any necessary action.** This item was discussed under the previous item.

15. **Adopt Order Calling Directors Election.** President Parker recognized Mr. Millas, who presented to and reviewed with the Board the Order Calling Directors Election (the "Order") for May 2022, a copy of which is attached hereto as *Exhibit I*. He stated that the Board needs to approve the Order in order to call the directors election for May 7, 2022. He reported that Harris County is offering joint election services for May 7, 2022 directors election. He stated that NRF advises that the District intend to contract with Harris County for joint election services, as it will save the District money should an election occur.

Upon motion by Director Moore, seconded by Director Sulpizio, after full discussion and the question being put to the Board, the Board voted unanimously to approve the Order, thereby calling the directors election for May 7, 2022 and to intent to contract with Harris County for election services.


16. **Report on Eminent Domain filing.** Mr. Millas stated that the District is required to file an annual report by February 1, 2022 with the Texas Comptroller of Public Accounts related to its eminent domain powers. He reported there are no changes from last year's report and that NRF has filed the report on the District's behalf.

17. **Discuss meeting format and meeting locations, and such other matters as may properly come before it.** It was the consensus of the Board to hold the next meeting on February 15, 2022, via teleconference.

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

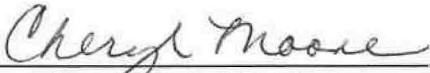
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The above and foregoing minutes were passed and approved by the Board of Directors on February 15, 2022.



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, 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 Norton Rose Fulbright US LLP, 1301 McKinney, Suite 5100, Houston, Texas 77010, and by teleconference at 6:00 p.m. on Tuesday, January 18, 2022. Directors, consultants, and the general public may participate in the meeting by attending the meeting at the location listed or dialing the following number: 1-346-248-7799, Meeting Id: 996 2064 1744.

videoconference meeting. You can join by computer or any smart device with the Zoom app. Join Zoom Meeting:

<https://nortonrosefulbright.zoom.us/j/99620641744>

At such meeting, the Board will consider and act on the following matters:

1. Board finding of existence of emergency or public necessity making the convening at one location of a quorum of the governmental body difficult or impossible and permitting a meeting by telephone pursuant to Section 551.125 of the Texas Open Meetings Act;
2. Public comments;
3. Approve minutes of the meeting held on December 21, 2021;
4. Report by Harris County Precinct Four Constable and take any necessary action;
5. Approve Interlocal Agreement for Law Enforcement Services;
6. Adopt Order Authorizing Property Tax Exemption;
7. Adopt Resolution Authorizing Additional Penalty on delinquent Taxes;
8. Review Tax Collector's Report and authorize payment of certain bills;
9. Review Bookkeeper's Report, and authorize payment of certain bills, and approve quarterly investment report;
10. Review Engineer's Report, including approval of pay estimates, authorization of change orders to pending construction contracts, proposal for construction materials testing and authorize capacity commitments;
11. Discuss change order related to TxDOT 1960 widening and take appropriate action;
12. Discuss plant permits and take any necessary action;
13. Approve Operations Report, authorize repairs and approve termination of delinquent accounts in accordance with the District's Rate Order;
14. Discuss customer request for Forest Fern Ct. and take any necessary action;
15. Adopt Order Calling Directors Election;
16. Report on Eminent Domain filing;
17. Discuss meeting format and meeting locations, and such other matters as may properly come before it.



NOTICE REGARDING MEETING PLACE

After at least 50 qualified electors are residing in the District, on a written request of at least five of those electors, the Board of Directors shall designate a meeting place and hold meetings within the District. If no suitable meeting place exists inside the District, the Board may designate a meeting place outside the District that is located not further than 10 miles from the boundary of the District. If the Board does not designate the location of the meeting place within the District or not further than 10 miles from the boundary of the District, after receiving such a request, five electors may petition the Texas Commission on Environmental Quality to designate a location. The Commission shall provide a form that may be used to make such a request on its internet website.

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

Exhibit A

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.

DISTRITO DE LA UTILIDAD MUNICIPAL DEL CONDADO DE HARRIS NO. 109

AVISO

De acuerdo con el Capítulo 551 del Código de Gobierno de Texas, tome nota de que la Junta Directiva del Distrito de Servicios Públicos Municipales del Condado de Harris No. 109 se reunirá en sesión ordinaria, abierta al público, en Norton Rose Fulbright US LLP, 1301 McKinney, Suite 5100, Houston, Texas 77010, y por teleconferencia a las 6:00 p. m. el martes, 18 de enero de 2022. Los directores, consultores y el público en general pueden participar en la reunión asistiendo a la reunión en el lugar indicado o marcando el siguiente número: 1-346-248-7799, Identificación de la reunión: 996 2064 1744.

14. Adopta una orden para convocar una elección.

Hạt sở HISCN HARRIS COUNTY 109

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Theo Chương 551, Bộ luật Chính phủ Texas, hãy lưu ý rằng Hội đồng Quản trị của Khu Tiện ích Thành phố Quận Harris Số 109 sẽ họp phiên định kỳ, mở cửa cho công chúng, tại Norton Rose Fulbright US LLP, 1301 McKinney, Suite 5100, Houston, Texas 77010, và qua hội nghị từ xa lúc 6 giờ chiều vào Thứ Ba, ngày 18 tháng 1 năm 2022. Các giám đốc, chuyên gia tư vấn và công chúng có thể tham gia cuộc họp bằng cách tham dự cuộc họp tại địa điểm được liệt kê hoặc quay số sau: 1-346-248-7799, Id cuộc họp: 996 2064 1744.

14. Phê duyệt một lệnh gọi cho một cuộc bầu cử.

哈里斯縣政府實用地區109

注意

根据德克萨斯州政府法典第 551 章, 请注意, 哈里斯县市政公用事业区第 109 号董事会将在 Norton Rose Fulbright US LLP, 1301 McKinney, Suite 5100 举行定期会议, 向公众开放, 德克萨斯州休斯顿 77010, 下午 6:00 通过电话会议2022 年 1 月 18 日星期二。董事、顾问和公众可以通过在所列地点参加会议或拨打以下号码参加会议: 1-346-248-7799, 会议 ID: 996 2064 1744。

14. 批准授權選舉的文件

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 JAN 14 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 14 day of January, 2022.



Maher, Jane

From: The Texas Network <support@texasnetwork.com>
Sent: Thursday, January 13, 2022 9:34 PM
To: Maher, Jane; Russell Lambert
Subject: RE: 109 & AJOB Postings

Posted

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

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Thank you!

The Texas Network

281-445-3535

281-445-3535 (Text)

281-973-8299 (Fax)

support@texasnetwork.com

<https://texasnetwork.com>

From: Maher, Jane <jane.maher@nortonrosefulbright.com>

Sent: Wednesday, January 12, 2022 7:27 PM

To: Russell Lambert <russ@texasnetwork.com>

Cc: The Texas Network <support@texasnetwork.com>

Subject: 109 & AJOB 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

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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 December 2021

Categories

Burglary Habitation: 1	Burglary Vehicle: 0	Theft Habitation: 0
Theft Vehicle: 0	Theft Other: 7	Robbery: 0
Assault: 0	Sexual Assault: 0	Criminal Mischief: 0
Disturbance Family: 6	Disturbance Juvenile: 0	Disturbance Other: 16
Alarms: 15	Suspicious Vehicles: 14	Suspicious Persons: 9
Runaways: 0	Phone Harrassment: 1	Other Calls: 132

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
34	5	3	0	0	0	3	0	0	136	1
E129	72	34	23	0	0	51	0	2	992	20
E130	38	20	5	0	1	14	0	1	806	17
TOTAL	115	57	28	0	1	68	0	3	1934	38

Summary of Events

Burg Habitation:

20000 Burle Oak Dr-Deputy responded to a burglary of habitation type call. Investigation revealed unknown suspect(s) made force entry into the residence and stole items.

Theft other:

5300 FM 1960 Rd E – Deputy responded to a theft from motor vehicle. Investigation revealed unknown suspect stole the complainant’s catalytic converter from their vehicle.

20200 Dawn Mist Dr.- Deputy responded to a theft call. Investigation revealed unknown suspect(s) took complainants package from the front porch.

20000 Misty Pines Dr.- Deputy responded to a theft. Complainant advised unknown suspect stole his bike from his open garage and fled undetected.

5800 FM 1960 RD E- Deputy responded to a theft of business call. Investigation revealed known male subject stole a vehicle brush from car wash.

5800 FM 1960 RD E- Deputy responded to a theft of business call. Investigation revealed known male subject stole a vehicle brush from car wash.

19100 Moon Trail Dr.- Deputy responded to a theft from motor vehicle. Investigation revealed unknown suspect stole the complainant’s catalytic converter from their vehicle.

5700 Upper Lake Drive – Deputy responded to the location in regards to a theft from a motor vehicle. Investigation revealed that an unknown suspect stole the catalytic converter from the complainant's vehicle and fled the scene in an unknown direction.

Family Disturbance:

5600 FM 1960 RD E- Deputy responded to a family disturbance call. Investigation revealed family members engaged in a physical altercation. The suspect was arrested and booked into the Harris County Jail.

4900 Woodland Meadows Ln- Deputy responded to a family disturbance call. Investigation revealed family members engaged in a verbal altercation. No charges filed.

5700 Fawn Trail Ln- Deputy responded to a family disturbance. Investigation revealed family members engaged in a physical altercation. Charges were declined.

19500 Merrillwood Drive – Deputies responded to the location in regards to a family disturbance. Investigation revealed that two known parties were involved in a verbal altercation that lead to one party assaulting the other. The Harris County District Attorney's Office was advised of the incident and accepted charges. At that time the defendant was arrested and transported to the Harris County Jail without any further incident.

6000 Silent Oaks Drive – Deputies responded to the location in regards to a family disturbance. Investigation revealed that two known parties were involved in a verbal altercation and one party was issued a criminal trespass warning and left the location without any incident.

5300 Dawnburst Drive – Deputies responded to the location in regards to a family disturbance. Investigation revealed that two known parties were involved in a verbal altercation that lead to one party assaulting the other. The Harris County District Attorney's Office was advised of the incident and accepted charges. At that time the defendant was arrested and transported to the Harris County Jail without any further incident.

Phone Harassment:

18300 Atascocita Meadows Ln- Deputy Responded to a call for service. Investigation revealed a known subject kept harassing complainant. Report made.

Other:

20000 Misty Pines Dr- Deputy responded to call for service. Investigations revealed that unknown suspect(s) obtained the complainant's social security number to get a credit card.

5700 Timbers Trail Drive - Deputy responded to the location regarding a mental health call. Investigation revealed that a known male had taken an unknown amount of medication in the attempt to cause harm to himself and was transported to the hospital where he was admitted under an emergency detention order.

5500 Moosewood Court – Deputy responded to the location regarding a fraudulent use of identification. Investigation revealed that an unknown suspect used the complainant's personal information to open an account through the electrical company without authorization.

5400 Enchanted Mist Drive – Deputy responded to the location in regards to an indecency with a child. Investigation revealed that a known suspect had inappropriate relations with a 16 year old child. The case remains open pending further investigation by the Harris County Sheriff's Office.

5400 Palamino Ct. – Deputy conducted a traffic stop on a motor vehicle for speeding. During the traffic stop the driver/defendant was found to be in possession of marijuana and was placed on the misdemeanor marijuana diversion program.

6000 Gnarled Oaks Ct. – Deputy responded to the location in regards to a meet the citizen. Investigation revealed that two known juveniles had left their fathers residence and called their mom to come pick them up due to an incident involving their step brother. Report was done for documentation purposes only.

19500 Spoonwood Drive – Deputy responded to the location in regards to a fraud. Investigation revealed that an unknown suspect was able to gain access to the complainant's bank account and withdrew money without authorization.

5900 Ancient Oaks Drive – Deputy responded to the location in regards to a civil dispute. Investigation revealed that the complainant had purchased an item from Facebook Market Place and hadn't received the item or refund yet but was in contact with the seller.

5700 Kiowa Timbers Drive – Deputy responded to the location in regards to an arson fire. Investigation revealed that the complainant's vehicle caught on fire while he was driving it on the public roadway. Atascocita Fire Department responded to the scene and extinguished the fire without any incident and the vehicle was towed.

19500 Leaning Timbers Drive – Deputies initiated a traffic stop that lead the defendant to be in possession of marijuana. The defendant was enrolled in the MMDP program.

5300 Misty Moon Drive- Deputies initiated a traffic stop that lead the defendant to be arrested for multiple Harris County warrants.

5600 FM 1960 RD E- Deputy responded to a mental health type call. Investigation revealed consumer was found to be in a mental crisis and transported to a hospital for treatment.

19900 Swiftbrook Dr.- Deputy responded to a mental health type call. Investigation revealed consumer was found to be in a mental crisis and transported to a hospital for treatment.

19800 Swiftbrook Dr.- Deputy responded to a mental health type call. Investigation revealed consumer was found to be in a mental crisis and transported to a hospital for treatment.

4900 Woodland Meadows Ln- Deputy responded to a mental health type call. Investigation revealed consumer was found to be in a mental crisis and transported to a hospital for treatment.

Suspicious Person- Contract Patrol deputies responded to 9 suspicious persons within the community gathering intelligence while identifying potential problems. All persons were cleared without incident.

SUSPICIOUS VEHICLES – Contract patrol deputies responded to 14 suspicious vehicles within the community. All these scenes were utilized to gather intelligence and were all cleared without incident after thorough investigations.

Contract Checks - Contract patrol deputies made 395 Park, School and Contract Checks within the community. There were no signs of foul play and all facilities appeared to be in good working order.

TRAFFIC - Contract patrol deputies made 104 traffic stops, enforcing the traffic laws of the state of Texas, within the contract reducing the possibility of accidents and lessening the chance of repeat offenders in the patrolled areas.

ALARMS - Contract patrol deputies responded to 15 local alarm within the community. It was handled without incident and was found to be false alarm

CERTIFICATE FOR
ORDER ADOPTING TAX EXEMPTION FOR INDIVIDUALS WHO ARE DISABLED
OR ARE 65 YEARS OF AGE OR OLDER

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

We, the undersigned officers of the Board of Directors (the “Board”) of Harris County Municipal Utility District No. 109 (the “*District*”) hereby certify as follows:

1. The Board convened in regular session, open to the public, on January 18, 2022, via teleconference at 1-346-248-7799 Meeting ID: 996 2064 1744 and at Norton Rose Fulbright US LLP, 1301 McKinney, Suite 5100, Houston, Texas 77010, and the roll was called of the members 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, except Director(s) _____, thus constituting a quorum. Whereupon among other business, the following was transacted at such Meeting:

ORDER ADOPTING TAX EXEMPTION FOR INDIVIDUALS WHO ARE DISABLED
OR ARE 65 YEARS OF AGE OR OLDER

was duly introduced for the consideration of the Board and read in full. It was then duly moved and seconded that such Order be adopted; and, after due discussion, such motion, carrying with it the adoption of such Order , prevailed and carried by the following votes:

AYES: _____ NOES: _____

2. A true, full, and correct copy of the aforesaid Order adopted at the Meeting described in the above and foregoing paragraph is attached to and follows this Certificate; such Order has been duly recorded in the Board’s minutes of such Meeting; the above and foregoing paragraph is a true, full, and correct excerpt from the Board’s minutes of such Meeting pertaining to the adoption of such Resolution; the persons named in the above and foregoing paragraph are the duly chosen, qualified, and acting officers and members of the Board as indicated therein; each of the officers and members of the Board was duly and sufficiently notified officially and personally, in advance, of the time, place, and purpose of such Meeting, and that such Order would be introduced and considered for adoption at such Meeting and each of such officers and members consented, in advance, to the holding of such Meeting for such purpose; and such Meeting was open to the public, and public notice of the time, place, and purpose of such Meeting was given, all as required by Chapter 551, Texas Government Code, as amended, and Section 49.063, Texas Water Code, as amended.

SIGNED AND SEALED this January 18, 2022.

HARRIS COUNTY MUNICIPAL
UTILITY DISTRICT NO. 109

President, Board of Directors

ATTEST

Secretary, Board of Directors

(DISTRICT SEAL)

ORDER ADOPTING EXEMPTION FROM TAXATION FOR INDIVIDUALS WHO ARE
DISABLED OR ARE 65 YEARS OF AGE OR OLDER

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

WHEREAS, pursuant to Article 8, Section 1-b of the Constitution of the State of Texas and pursuant to V.T.C.A., Tax Code §11.13(d), the Board of Directors (the “*Board*”) of Harris County Municipal Utility District No. 109 (the “*District*”) is authorized to adopt exemptions from taxation of not less than \$3,000 of the appraised value of the residence homesteads of individuals who are disabled or are 65 years of age or older;

WHEREAS, the Board has been advised that granting such an exemption will not impair the District’s obligation to levy taxes for payment of its debts or cause a substantial negative impact on the tax rolls of the District; and

WHEREAS, the Board deems it appropriate to adopt such exemption;

IT IS, THEREFORE, ORDERED BY THE BOARD OF DIRECTORS OF HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 109 THAT:

I.

Effective January 1, 2022 and thereafter until modified by order of the Board, an exemption of \$25,000 of the appraised value of residence homesteads within the District is available for individuals who are disabled or are 65 years of age or older.

II.

Such individuals may be granted such exemption upon direct application to the chief appraiser for the Harris County Appraisal District.

III.

The President or Vice President is authorized to execute and the Secretary or Assistant Secretary is authorized to attest this Order on behalf of the Board and to do all things necessary and proper to carry out the purposes and intent hereof.

* *

RESOLUTION AUTHORIZING ADDITIONAL PENALTY
ON DELINQUENT TAXES UNDER SECTIONS 33.07, 33.11 AND 33.08, TAX CODE

WHEREAS, Harris County Municipal Utility District No. 109 (the "District") has contracted with private legal counsel to enforce collection of delinquent property taxes pursuant to Section 6.30, Texas Tax Code or, alternatively, another taxing unit that collects taxes for the District has contracted with private legal counsel under Section 6.30;

WHEREAS, such private legal counsel is entitled to compensation as set forth in the contract equal to 20% of the amount of delinquent tax, penalty, and interest collected and subject to the contract;

WHEREAS, Section 33.07 of the Texas Tax Code authorizes the District to provide that taxes that become delinquent on or after February 1 of a year but not later than May 1 of that year and remain delinquent on July 1 of the year in which they become delinquent incur an additional penalty which may not exceed the amount of compensation specified in the contract with an attorney under Section 6.30 of the Tax Code, in order to defray costs of collection;

WHEREAS, Section 33.11 of the Texas Tax Code authorizes the District to provide that taxes on tangible personal property that become delinquent on or after February 1 of a year may incur an additional penalty on a date that occurs before July 1 of the year in which the taxes become delinquent if the District has contracted with an attorney under Section 6.30 and the taxes on the personal property become subject to the attorney's contract before July 1 of the year in which the taxes become delinquent; and

WHEREAS, Section 33.08 of the Texas Tax Code authorizes the District to provide that taxes that become delinquent on or after June 1 under Sections 26.07(f), 26.15(e), 31.03, 31.031, 31.032, or 31.04 incur an additional penalty which may not exceed the amount of compensation specified in the contract with an attorney under Section 6.30 of the Tax Code, in order to defray costs of collection;

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the District that:

(1) all 2021 taxes on tangible personal property which become delinquent on or after February 1, 2022 and remain delinquent on April 1, 2022 incur an additional penalty equal to the compensation specified in the contract with the attorney to be paid in connection with the collection of the delinquent taxes.

(2) all 2021 taxes on property other than tangible personal property which become delinquent on or after February 1, 2022 but not later than May 1, 2022 and remain delinquent on July 1, 2022 incur an additional penalty of 20% of the delinquent tax, penalty and interest, in order to defray costs of collection.

(3) all taxes which become delinquent on or after June 1 of the year in which they become delinquent under Sections 26.07(f), 26.15(e), 31.03, 31.031, 31.032, or 31.04 incur an additional penalty of 20% of the delinquent tax, penalty and interest, in order to defray costs of collection.

PASSED AND APPROVED this 18th day of January, 2022.

HARRIS COUNTY MUNICIPAL UTILITY
DISTRICT NO. 109

President, Board of Directors

ATTEST

Secretary, Board of Directors

Harris County Municipal Utility District Number 109

Tax Collector's Report

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Disbursements for January 18, 2022:

#2176: Ad Valorem Appraisals Inc; Tax A/C Fee-1/2022	\$2,859.02
#2177: Perdue Brandon Fielder Collins & Mott; Tax Atty Fee: 12/2021	2,346.95
#2178: Ronnie & Deidre Turner; Refund 110-753-000-0018	120.00
#2179: Joseph M Johnson; Refund 113-142-000-0008	120.00
#2180: Harris-Montgomery Counties MUD 386; Refund Overpayment	<u>46,146.30</u>
Total Disbursements for January 18, 2022	<u>\$51,592.27</u>

Harris County Municipal Utility District Number 109

Tax Collector's Report

Current Period Covered: December 1, 2021 to December 31, 2021

Fiscal Year Beginning: June 1, 2021

<u>Cash Receipts and Disbursements</u>	<u>Current Period</u>	<u>Year to Date</u>
Cash Balance at Beginning of Period	\$506,344.97	\$316,456.89
Collections:		
2021 Tax Collections	836,227.81	937,637.36
2020 Tax Collections	7,999.48	110,821.34
2019 Tax Collections	1,192.64	7,039.18
2018 Tax Collections	0.00	1,380.20
2017 Tax Collections	134.49	983.55
2016 Tax Collections	0.00	450.11
2015 Tax Collections	0.00	473.20
2014 Tax Collections	0.00	386.53
2006 Tax Collections	0.00	14.79
1996 Tax Collections	0.00	5.61
Penalty and Interest	2,420.35	21,469.35
Tax Attorney Fees	2,346.95	12,424.82
Overpayments	50,179.55	59,056.30
Interest Earned	<u>115.18</u>	<u>467.59</u>
Total Collections	900,616.45	1,152,609.93
Disbursements:		
Tax Assessor-Collector Fee	2,859.02	19,970.78
Tax Attorney Fee	1,913.51	13,150.03
Data Processing Charges	0.00	4,034.20
Publication Cost	0.00	12,076.37
Appraisal District Quarterly Fee	5,810.00	17,518.00
Refund Overpayments	<u>2,707.20</u>	<u>8,645.75</u>
Total Disbursements	<u>13,289.73</u>	<u>75,395.13</u>
Cash Balance at End of Period	<u>\$1,393,671.69</u>	<u>\$1,393,671.69</u>

Harris County Municipal Utility District Number 109

Tax Collector's Report Taxes Receivable Summary as of December 31, 2021

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>
2021	\$3,297,418.62	\$937,637.36	\$2,359,781.26	28.44%
2020	3,173,307.88	3,139,060.11	34,247.77	98.92%
2019	3,084,511.17	3,064,009.52	20,501.65	99.34%
2018	2,906,830.16	2,894,367.00	12,463.16	99.57%
2017	2,895,613.63	2,885,153.93	10,459.70	99.64%
2016	2,808,690.61	2,800,944.08	7,746.53	99.72%
2015	2,573,712.76	2,567,885.64	5,827.12	99.77%
2014	2,301,769.82	2,296,136.39	5,633.43	99.76%
2013	2,097,527.32	2,092,901.91	4,625.41	99.78%
2012	2,071,519.13	2,067,782.96	3,736.17	99.82%
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	1,860,553.26	2,457.82	99.87%
2002	1,743,166.99	1,742,780.89	386.10	99.98%
2001	1,705,006.18	1,704,772.45	233.73	99.99%
2000	1,630,288.09	1,630,151.22	136.87	99.99%
1999	1,482,019.84	1,481,978.10	41.74	100.00%
1998	1,346,040.98	1,345,882.41	158.57	99.99%
1997	1,218,889.39	1,218,854.71	34.68	100.00%
1996	1,156,053.10	1,156,021.00	32.10	100.00%
1995	1,130,565.24	1,130,545.88	19.36	100.00%
1994	1,124,058.85	1,124,058.85	0.00	100.00%
1993	1,075,288.28	1,075,288.28	0.00	100.00%
1992	1,056,792.83	1,056,792.83	0.00	100.00%
1991	1,062,453.27	1,062,453.27	0.00	100.00%
1990	918,308.87	918,308.87	0.00	100.00%
1989	894,403.45	894,403.45	0.00	100.00%
1988	856,779.83	856,779.83	0.00	100.00%
1987	853,204.06	853,204.06	0.00	100.00%
1986	857,037.29	857,037.29	0.00	100.00%
1985	793,674.23	793,674.23	0.00	100.00%
1984	760,460.05	760,460.05	0.00	100.00%
1982	<u>561,303.52</u>	<u>561,303.52</u>	<u>0.00</u>	<u>100.00%</u>
Totals	<u>\$68,264,266.89</u>	<u>\$65,774,902.38</u>	<u>\$2,489,364.51</u>	<u>96.35%</u>

Harris County Municipal Utility District Number 109

Tax Collector's Report Taxes Receivable Summary as of December 31, 2021

Tax Roll Information

<u>Year</u>	<u>Taxable Value</u>	<u>Annual Change</u>	<u>Debt Tax Rate</u>	<u>Maintenance Tax Rate</u>	<u>Total Tax Rate</u>	<u>Exemptions</u>
2021	686,542,701	3.85%	0.29000	0.19000	0.48000	25,000 O/D
2020	661,105,209	2.88%	0.31500	0.16500	0.48000	25,000 O/D
2019	642,606,304	8.32%	0.32000	0.16000	0.48000	25,000 O/D
2018	593,230,582	2.44%	0.36000	0.13000	0.49000	10,000 O/D
2017	579,121,338	7.22%	0.36000	0.14000	0.50000	10,000 O/D
2016	540,136,676	9.13%	0.41000	0.11000	0.52000	10,000 O/D
2015	494,944,745	11.81%	0.39000	0.13000	0.52000	10,000 O/D
2014	442,648,062	9.74%	0.39000	0.13000	0.52000	10,000 O/D
2013	403,370,606	1.26%	0.42000	0.10000	0.52000	10,000 O/D
2012	398,369,066	-2.37%	0.42000	0.10000	0.52000	10,000 O/D
2011	408,021,927	-0.80%	0.42000	0.10000	0.52000	10,000 O/D
2010	411,326,061	-1.01%	0.42000	0.10000	0.52000	10,000 O/D
2009	415,504,618	0.87%	0.42000	0.10000	0.52000	10,000 O/D
2008	411,931,758	2.74%	0.42000	0.10000	0.52000	10,000 O/D
2007	400,957,245	6.48%	0.42000	0.10000	0.52000	10,000 O/D
2006	376,557,265	2.83%	0.46000	0.10000	0.56000	10,000 O/D
2005	366,208,721	9.30%	0.50000	0.10000	0.60000	10,000 O/D
2004	335,049,282	7.91%	0.50000	0.10000	0.60000	10,000 O/D
2003	310,501,847	6.88%	0.50000	0.10000	0.60000	10,000 O/D
2002	290,527,832	5.63%	0.50000	0.10000	0.60000	10,000 O/D
2001	275,035,288	9.50%	0.52000	0.10000	0.62000	10,000 O/D
2000	251,170,142	15.23%	0.57367	0.07547	0.64914	10,000 O/D
1999	217,977,950	10.11%	0.60460	0.07540	0.68000	10,000 O/D
1998	197,957,174	10.43%	0.63000	0.05000	0.68000	10,000 O/D
1997	179,258,410	3.88%	0.63000	0.05000	0.68000	10,000 O/D
1996	172,555,210	2.26%	0.62000	0.05000	0.67000	10,000 O/D
1995	168,741,080	2.08%	0.62000	0.05000	0.67000	10,000 O/D
1994	165,302,770	4.54%	0.63000	0.05000	0.68000	10,000 O/D
1993	158,130,630	3.99%	0.63000	0.05000	0.68000	10,000 O/D
1992	152,056,520	-0.53%	0.64500	0.05000	0.69500	10,000 O/D
1991	152,870,970	6.44%	0.64500	0.05000	0.69500	10,000 O/D
1990	143,620,410	4.37%	0.58940	0.05000	0.63940	10,000 O/D
1989	137,600,530	4.39%	0.60000	0.05000	0.65000	10,000 O/D
1988	131,812,280	0.42%	0.60000	0.05000	0.65000	10,000 O/D
1987	131,262,160	-8.11%	0.60000	0.05000	0.65000	10,000 O/D
1986	142,839,550	-1.02%	0.55000	0.05000	0.60000	10,000 O/D
1985	144,304,410	4.37%	0.50000	0.05000	0.55000	10,000 O/D
1984	138,265,460	-1.22%	0.50000	0.05000	0.55000	10,000 O/D
1982	139,975,940	0.00%	0.35100	0.05000	0.40100	10,000 O/D

Harris County Municipal Utility District Number 109

Tax Collector's Report Tax Collections for December, 2021

Property Owner	Account No	Tax Amount	Pen & Int	Atty/Cost	Overpaid	Total Pmt
2021 Tax Collections:						
Various Accounts	830 Accounts	\$836,227.81	\$10.20	\$0.00	\$0.00	\$836,238.01
Turner Ronnie & Deidre	110-753-000-0018	0.00	0.00	0.00	120.00	120.00
Routh Ronald & Sarah	114-350-013-0028	0.00	0.00	0.00	22.12	22.12
Johnson Joseph M	113-142-000-0008	0.00	0.00	0.00	120.00	120.00
McAnulty Gerald A & Sandra	115-511-017-00.48	0.00	0.00	0.00	15.79	15.79
Mendes Francis M	115-511-017-0057	0.00	0.00	0.00	1,383.92	1,383.92
Melaf TX LLC	119-848-003-0036	0.00	0.00	0.00	1,004.19	1,004.19
Bablola Oluwatosin & Abieyuma	138-348-001-0014	0.00	0.00	0.00	1,367.23	1,367.23
Harris-Montgomery Counties 386	Wrong Deposit	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>46,146.30</u>	<u>46,146.30</u>
Total 2021 Tax Collections		<u>\$836,227.81</u>	<u>\$10.20</u>	<u>\$0.00</u>	<u>\$50,179.55</u>	<u>\$886,417.56</u>
2020 Tax Collections:						
Deauquier II Lloyd & Lisa	108-492-000-0031	\$101.62	\$23.38	\$25.00	\$0.00	\$150.00
Shanksnatch Melanie A	108-497-000-0005	805.14	177.13	196.45	0.00	1,178.72
Routh Ronald & Sarah	114-350-013-0028	928.32	213.52	228.37	0.00	1,370.21
Mangini Debra D	115-511-021-0031	362.60	79.77	88.48	0.00	530.85
Weeks Jennifer Michelle & Travi	118-705-001-0027	932.19	214.40	229.32	0.00	1,375.91
Ortiz Brian	120-416-002-0001	2,355.97	541.88	579.57	0.00	3,477.42
Best George W & Gina M	122-816-002-0017	479.28	110.23	117.90	0.00	707.41
Robinson James & Sereisophorr	139-765-001-0001	1,325.14	304.79	325.99	0.00	1,955.92
AB Erosion Control LLC	2327163	<u>709.22</u>	<u>250.35</u>	<u>191.92</u>	<u>0.00</u>	<u>1,151.49</u>
Total 2020 Tax Collections		<u>\$7,999.48</u>	<u>\$1,915.45</u>	<u>\$1,983.00</u>	<u>\$0.00</u>	<u>\$11,897.93</u>
2019 Tax Collections:						
Routh Ronald & Sarah	114-350-013-0028	\$916.52	\$322.80	\$247.46	\$0.00	\$1,486.78
Mitchem Anna M	115-511-021-0036	<u>276.12</u>	<u>93.89</u>	<u>73.99</u>	<u>0.00</u>	<u>444.00</u>
Total 2019 Tax Collections		<u>\$1,192.64</u>	<u>\$416.69</u>	<u>\$321.45</u>	<u>\$0.00</u>	<u>\$1,930.78</u>
2017 Tax Collections:						
Sweeney Bryan A	108-492-000-0020	\$134.49	\$78.01	\$42.50	\$0.00	\$255.00
Total 2017 Tax Collections		<u>\$134.49</u>	<u>\$78.01</u>	<u>\$42.50</u>	<u>\$0.00</u>	<u>\$255.00</u>
Summary of Other Collections			<u>\$2,420.35</u>	<u>\$2,346.95</u>	<u>\$50,179.55</u>	900,501.27
Interest Earnings						<u>115.18</u>
Total Collected during Month						<u>\$900,616.45</u>

Harris County Municipal Utility District Number 109

Tax Collector's Report Taxes Receivable Detail as of December 31, 2021

<u>Property Owner</u>	<u>Account No.</u>	<u>2020 Tax</u>	<u>2019 Tax</u>	<u>2018 Tax</u>	<u>2017 Tax</u>	<u>Prior Yrs</u>
Exchange Church Houston	043-206-000-0195	\$5,321.79	\$0.00	\$0.00	\$0.00	\$0.00
Guniganti Prabhakar	045-005-000-0125	0.00	0.00	0.81	0.00	0.00
Wu & Chen Investment LLC	102-063-000-0008	0.00	248.01	0.00	0.00	0.00
D:Vineyard Travis & Danelle	102-065-000-0007	559.49	552.96	581.84	593.71	2,716.95
Extreme Remodeling LLC	102-066-000-0020	4.20	4.20	4.29	4.38	4.55
State of Texas	102-066-000-0021	0.00	0.00	1.76	0.00	0.00
Gaddis John M	102-068-000-0021	648.97	758.83	0.00	0.00	0.00
Rodriguez Daniel & Yolanda	102-068-000-0023	115.44	0.00	0.00	0.00	0.00
D:Catlin Steven L	102-069-000-0004	97.98	89.07	77.52	0.00	0.00
Garcia Alberto	108-488-000-0057	125.75	0.00	0.00	0.00	0.00
D:Tolliver Cletis F & Glenda	108-489-000-0011	728.43	0.00	0.00	0.00	0.00
Gathwright Tiffany Marie	108-491-000-0033	120.00	0.00	0.00	0.00	0.00
P:Sweeney Bryan A	108-492-000-0020	0.00	0.00	0.00	259.56	0.00
D:Brown-Sullinger Kelly	108-492-000-0027	729.32	718.43	758.71	774.20	2,923.02
Brady Scott C	108-492-000-0029	895.64	0.00	0.00	0.00	0.00
P:Deauquier II Lloyd & Lisa	108-492-000-0031	44.19	0.00	0.00	0.00	0.00
D:Strengel Kris C	108-494-000-0020	758.52	747.60	859.70	868.56	6,797.16
Felchak Kenneth W & Ruby	108-496-000-0031	654.37	0.00	0.00	0.00	0.00
Wilson Dewey M	108-497-000-0032	620.57	603.40	708.16	722.61	1,322.50
State of Texas	108-497-000-0047	0.00	0.00	23.50	0.00	0.00
D:Key Sherry R	109-142-000-0001	539.39	484.90	360.88	123.40	0.00
S:Cruz Sara	109-142-000-0006	694.79	0.00	0.00	353.19	0.00
D:Cartwright Ed & Diane	109-142-000-0034	591.09	526.44	550.92	533.51	3,576.29
D:Brokaw Sharon	109-144-000-0002	0.00	444.96	475.30	0.00	1,010.49
Lipsey Pahjmon	109-144-000-0007	694.07	660.75	0.00	0.00	0.00
Riley Michael E & Tamara M	110-750-000-0050	700.92	0.00	0.00	0.00	0.00
Costello Thomas J	111-527-000-0007	737.81	0.00	0.00	0.00	0.00
S:Deyle Kurt	111-527-000-0010	672.85	611.68	550.61	0.00	0.00
Deyle Kurt	111-527-000-0013	0.00	0.00	0.00	0.00	2,096.83
Barbosa Jose A Jr & Claudia	111-766-000-0024	201.06	892.05	0.00	0.00	0.00
Brown Joseph J Jr & Carolyn	113-132-000-0010	0.00	237.96	0.00	0.00	0.00
Rodriguez D	113-137-000-0037	743.24	0.00	0.00	0.00	0.00
Warmuth John J	113-142-000-0028	0.00	0.00	50.00	0.00	0.00
D:Sanchez Olga	113-142-000-0043	4.07	0.00	0.00	0.00	0.00
Bjornaas Kevin Estate of	114-139-009-0007	722.59	661.00	578.20	0.00	0.00
S:Jackson Keshell	114-139-009-0015	717.52	652.30	612.80	625.31	620.03
Chicosky Gregory P	114-139-010-0017	0.00	563.41	0.00	0.00	0.00
Crowson Duane D & Serese	114-139-010-0028	6.11	0.00	0.00	0.00	0.00
D:Paxton Roy C & Debbie M	114-139-010-0036	429.28	379.35	0.00	188.48	0.00
Lacour Carey L & Vanita	114-139-013-0053	688.33	0.00	0.00	0.00	0.00
D:Gonzalez Virginia	114-139-015-0003	547.43	487.49	527.53	488.00	0.00
Geibe Virginia	114-139-015-0004	0.00	477.24	0.00	0.00	0.00
Leal Juan E & Stephanie	114-139-015-0023	552.43	0.00	0.00	0.00	0.00
D:Cook Julia S	114-139-015-0036	609.82	432.25	468.45	478.01	2,780.18
P:Akoma Ibeawuchi J & Beverly	114-139-015-0067	38.67	0.00	0.00	0.00	0.00
Seward B Randolph	114-139-017-0014	471.96	418.15	463.62	0.00	0.00
P:Rodriguez Able	114-139-017-0043	666.80	195.39	0.00	0.00	0.00
Foster John H	114-139-018-0004	713.72	0.00	0.00	0.00	0.00
Sanchez Pablo	114-350-014-0091	802.54	0.00	0.00	0.00	0.00
Cruz Rosa L	114-350-015-0008	0.00	0.00	305.50	0.00	0.00
Jones Edward A & Agnes	114-350-015-0047	0.00	0.00	0.00	0.00	0.78
P:Stevenson Yolanda	114-350-015-0049	631.13	0.00	0.00	0.00	0.00
Blow Frederick E & Cheryl	114-350-015-0118	0.00	0.00	1,036.24	1,057.39	0.00

Harris County Municipal Utility District Number 109

Tax Collector's Report Taxes Receivable Detail as of December 31, 2021

<u>Property Owner</u>	<u>Account No.</u>	<u>2020 Tax</u>	<u>2019 Tax</u>	<u>2018 Tax</u>	<u>2017 Tax</u>	<u>Prior Yrs</u>
Q:Redstone Randolph & Ca	114-350-016-0039	456.00	0.00	0.00	0.00	0.00
D:Harris Virginia B	114-350-016-0083	869.22	855.21	868.88	844.16	4,097.68
State of Texas	115-346-000-0002	0.00	0.00	8.33	0.00	0.00
Knight Chris & Terry	115-511-019-0012	1,032.72	0.00	0.00	0.00	0.00
P:Mangini Debra D	115-511-021-0031	1,266.60	85.92	0.00	0.00	0.00
S:Mitchem Anna M	115-511-021-0036	0.00	672.02	258.74	0.00	0.00
State of Texas	115-813-000-0005	0.00	0.00	2.00	0.00	0.00
State of Texas	116-275-000-0416	0.00	0.00	91.06	0.00	0.00
Continental Land Owners	116-276-000-0312	0.48	0.48	0.49	0.00	0.00
Rosques Sandra P	116-276-000-0580	0.00	2,976.58	0.00	0.00	0.00
Ebanks Lilith A	118-705-001-0049	120.00	0.00	0.00	0.00	0.00
Harris Jack L & Diana L	119-848-003-0002	911.18	895.66	916.39	0.00	0.00
Gomez Cecila	123-226-003-0046	728.20	0.00	0.00	0.00	0.00
Richard Brenda M	123-226-004-0019	870.95	0.00	0.00	0.00	0.00
State of Texas	137-755-001-0003	0.00	99.70	0.00	0.00	0.00
Allstate Insurance Company	0435798	70.06	81.25	0.00	0.00	0.00
Wabasha Leasing LLC	1044962	7.44	0.00	0.00	0.00	0.00
Sears Holdings	2048505	1,678.97	1,714.12	0.00	0.00	0.00
Digital Professionals Compl	2064780	21.63	21.63	21.89	22.15	113.17
Compro Tax	2128836	8.27	8.27	0.00	0.00	0.00
B & L Capital Inc	2154083	20.08	15.90	24.08	27.55	178.87
Kevin R Culp	2157330	43.58	43.58	46.42	52.56	358.60
S:Dupree Express Trucking	2172915	86.07	86.07	99.37	223.95	618.19
Pinnacle Propane Express L	2174838	6.76	0.00	0.00	0.00	0.00
Motolease Financial LLC	2200564	16.50	21.52	0.00	0.00	0.00
ARC Insurance Agency	2209050	43.75	43.75	44.66	45.57	94.78
S:James Lewis	2213148	24.50	31.25	39.75	89.38	209.12
RB Mobile Repair	2274611	86.44	86.44	86.77	0.00	0.00
S:Taquera Las Maragitas LL	2281228	140.33	140.33	142.75	0.00	0.00
Sophia Massage	2287547	30.36	0.00	0.00	0.00	0.00
Metro PCS	2287557	45.43	45.43	45.71	0.00	0.00
Humble Kitchen & Bath Inc	2287561	110.55	0.00	0.00	0.00	0.00
Phones-R-Us Inc	2289501	54.29	54.29	54.59	0.00	0.00
Musa Auto Finance	2301975	307.20	0.00	0.00	0.00	0.00
Tesla Inc	2329054	2.40	2.40	0.00	0.00	0.00
Serenty Health Services LLC	2337347	40.32	0.00	0.00	0.00	0.00
Amfah Investments LLC	2343023	175.29	0.00	0.00	0.00	0.00
Cobos BBQ LLC	2352871	146.40	0.00	0.00	0.00	0.00
Prior Years Personal Property		<u>223.51</u>	<u>672.03</u>	<u>714.94</u>	<u>2,084.07</u>	<u>22,391.38</u>
Total Receivable		<u>\$34,247.76</u>	<u>\$20,501.65</u>	<u>\$12,463.16</u>	<u>\$10,459.70</u>	<u>\$51,910.57</u>



MUNICIPAL ACCOUNTS
& CONSULTING, L.P.

Harris County Municipal Utility District No. 109

Bookkeeper's Report

January 18, 2022

Cash Flow Report - Checking BBVA Account

As of January 18, 2022

Num	Name	Memo	Amount	Balance
	BALANCE AS OF 12/22/2021			\$866.04
	Receipts			
	No Receipts Activity		0.00	
	Total Receipts			0.00
	Disbursements			
	No Disbursements Activity		0.00	
	Total Disbursements			0.00
	BALANCE AS OF 01/18/2022			\$866.04

Cash Flow Report - Checking Account

As of January 18, 2022

Num	Name	Memo	Amount	Balance
BALANCE AS OF 12/22/2021				\$171,640.07
Receipts				
	HC 151 Water Supply		3,929.45	
	Interest Earned on Checking		1.78	
	Central Sweep from Lockbox		100,356.45	
	City of Houston Rebate		7,190.38	
Total Receipts				111,478.06
Disbursements				
15226	NHCRWA	Water Authority Fees	(87,324.15)	
15227	Cheryl C. Moore	Fees of Office - 1/18/2022	(138.52)	
15228	Chris Green	Fees of Office - 1/18/2022	(138.52)	
15229	Nancy Frank	Fees of Office - 1/18/2022	(138.52)	
15230	Owen H. Parker	Fees of Office - 1/18/2022	(138.52)	
15231	Robin Sulpizio	Fees of Office - 1/18/2022	(138.52)	
15232	Cheryl C. Moore	Expenses	(29.95)	
15233	Chris Green	Fees of Office - 1/10/2022 & Expenses	(202.83)	
15234	Nancy Frank	Expenses	(29.95)	
15235	Owen H. Parker	Fees of Office - 12/20/2021, 1/10, 1/11/2022 & E	(478.05)	
15236	Robin Sulpizio	Expenses	(65.00)	
15237	Atascocita Joint Operations Board	Schedule B & C Costs	(44,234.43)	
15238	BGE, Inc.	Engineering Fees	(4,942.67)	
15239	CDC Unlimited, LLC	Mowing Expense	(1,464.50)	
15240	Centerpoint Energy	Utilities Expense	(177.90)	
15241	Century Link	Telephone Expense	(872.32)	
15242	Certification Plus	Backflow Prevention Assembly Test & Maintenanc	(335.00)	
15243	DXI Industries	Chemical Expenses	(443.63)	
15244	Generator Service	Maintenance & Repairs	(25,786.61)	
15245	GFL Environmental	Garbage Expense	(117.85)	
15246	GM Inspection Services	Repairs & Maintenance	(1,100.00)	
15247	Hudson Energy	Utilities Expense	(10,104.65)	
15248	Municipal Accounts & Consulting, L.P.	Bookkeeping Fees	(2,951.50)	
15249	Norton Rose Fulbright US LLP	Legal Fees	(5,785.01)	
15250	The Texas Network, LLC	Website Expense	(187.50)	
15251	Today's Integration	Security Monitoring	(157.38)	
15252	USA Bluebook	Chemicals	(218.57)	
15253	Water Utility Services, Inc.	Laboratory Fees	(315.00)	
15254	WWWMS	Maintenance and Operations	(41,664.60)	
15255	Internal Revenue Service	4th Quarter Payroll Taxes	(895.08)	
15256	Century Link	Telephone Expense	0.00	
15257	NHCRWA	Water Authority Fees	0.00	
15258	Harris County Treasurer	Patrol Services	0.00	
Fee	Central Bank	Service Charge	(15.00)	
Total Disbursements				(230,591.73)
BALANCE AS OF 01/18/2022				\$52,526.40

Harris County MUD No 109 - GOF
Cash Flow Report - Operator Account
 As of January 18, 2022

Num	Name	Memo	Amount	Balance
BALANCE AS OF 12/22/2021				\$46,764.01
Receipts				
	Accounts Receivable		58,670.90	
	Accounts Receivable		123,068.21	
	Interest Earned on Lockbox		0.63	
	Tap Connections (1)		1,555.00	
Total Receipts			1,555.00	183,294.74
Disbursements				
Fee	Central Bank	Service Charge	(35.00)	
Ret Ck	Central Bank	Customer Returned Check (2)	(114.00)	
Wire	Harris County MUD 109	Central Sweep to Checking	(100,356.45)	
Total Disbursements			(100,356.45)	(100,505.45)
BALANCE AS OF 01/18/2022				\$129,553.30

Harris County MUD No 109 - CPF
Cash Flow Report - Checking Account
 As of January 18, 2022

Num	Name	Memo	Amount	Balance
BALANCE AS OF 12/22/2021				\$500.00
Receipts				
	Interest Earned on Checking		0.02	
	Transfer from Money Market - Series 2017		83,240.61	
Total Receipts				83,240.63
Disbursements				
2007	BGE, Inc.	Engineering - WP2 Construction	(15,257.13)	
2008	Schier Construction Company, Inc.	Pay Estimate No. 7 - Water Plant No. 2 Expansion	(60,453.00)	
Fee	Central Bank	Service Charge	(25.00)	
JE	Central Bank	Bank Error - Check Cleared Twice	(7,505.50)	
Total Disbursements				(83,240.63)
BALANCE AS OF 01/18/2022				\$500.00

Account Balances

As of January 18, 2022

Financial Institution (Acct Number)	Issue Date	Maturity Date	Interest Rate	Account Balance	Notes
Fund: Operating					
Certificates of Deposit					
TEXAS CAPITAL BANK (XXXX0459)	01/12/2021	01/12/2022	0.25 %	240,000.00	
FRONTIER BANK (XXXX2232)	01/16/2021	01/16/2022	0.50 %	240,000.00	
PLAINS STATE BANK (XXXX1359)	01/25/2021	01/25/2022	0.35 %	240,000.00	
SOUTH STAR BANK (XXXX0129)	02/19/2021	02/19/2022	0.25 %	240,000.00	
LONE STAR BANK (XXXX2426)	02/27/2021	02/27/2022	0.45 %	240,000.00	
UNITY NATIONAL BANK (XXXX4677)	08/30/2021	03/28/2022	0.25 %	245,000.00	
ALLEGIANCE BANK (XXXX0213)	04/22/2021	04/22/2022	0.20 %	240,000.00	
THIRD COAST BANK, SSB (XXXX8790)	09/14/2021	05/14/2022	0.30 %	240,000.00	
TEXAS REGIONAL BANK (XXXX3907)	09/28/2021	06/29/2022	0.13 %	245,000.00	
WALLIS BANK (XXXX1242)	10/15/2021	07/15/2022	0.10 %	240,000.00	
VERITEX COMMUNITY BANK (XXXX0447)	11/24/2021	11/24/2022	0.30 %	240,000.00	
BANCORPSOUTH (XXXX0688)	12/22/2021	12/22/2022	0.41 %	240,000.00	
Money Market Funds					
TEXAS CLASS (XXXX0001)	03/22/2017		0.05 %	236,266.64	
Checking Account(s)					
CENTRAL BANK - CHECKING (XXXX1891)			0.00 %	52,526.40	Checking Account
CENTRAL BANK - CHECKING (XXXX4632)			0.00 %	129,553.30	Operator
PNC (XXXX3031)			0.00 %	866.04	Checking BBVA
Totals for Operating Fund:				\$3,309,212.38	
Fund: Capital Projects					
Money Market Funds					
TEXAS CLASS (XXXX0002)	03/22/2017		0.05 %	1,927,525.10	Series 2017
Checking Account(s)					
CENTRAL BANK - CHECKING (XXXX1875)			0.00 %	500.00	Checking Account
Totals for Capital Projects Fund:				\$1,928,025.10	
Fund: Debt Service					
Certificates of Deposit					
PIONEER BANK-DEBT (XXXX2151)	03/19/2021	03/19/2022	0.29 %	240,000.00	
FRONTIER BANK - DEBT (XXXX2636)	08/30/2021	08/30/2022	0.50 %	240,000.00	
THIRD COAST BANK-DEBT (XXXX6273)	09/22/2021	09/21/2022	0.40 %	240,000.00	
SOUTH STAR BANK-DEBT (XXXX0072)	09/22/2021	09/22/2022	0.15 %	240,000.00	
Money Market Funds					
TEXAS CLASS (XXXX0003)	03/22/2017		0.05 %	44,354.03	
Totals for Debt Service Fund:				\$1,004,354.03	
Grand total for Harris County MUD No. 109:				\$6,241,591.51	

Capital Projects Fund Breakdown

Harris County MUD 109

As of Date 1/18/2022

Net Proceeds for All Bond Issues

Receipts

Bond Proceeds - Series 2017	\$12,100,000.00
Interest Earnings - Series 2017	239,115.82

Disbursements

Disbursements - Series 2017	(10,411,090.72)
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Total Cash Balance	<u><u>\$1,928,025.10</u></u>
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Balances by Account

Central Bank - Checking	\$500.00
TX Class - Series 2017	1,927,525.10

Total Cash Balance	<u><u>\$1,928,025.10</u></u>
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Balances by Bond Series

Bond Proceeds - Series 2017	\$1,928,025.10
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Total Cash Balance	<u><u>\$1,928,025.10</u></u>
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Remaining Costs/Surplus By Bond Series

Remaining Costs - Series 2017	\$1,192,122.45
Proposed Surplus Project - WP 2 Expansion	735,902.65

Total Amount in Remaining Costs	<u><u>\$1,928,025.10</u></u>
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Surplus & Interest - Series 2017	\$0.00
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Total Surplus & Interest Balance	<u><u>\$0.00</u></u>
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Total Remaining Costs/Surplus	<u><u>\$1,928,025.10</u></u>
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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
CONSTRUCTION COSTS				
Developer Items				
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)
Subtotal Developer Items	\$5,884,250.00	\$5,627,625.28	\$0.00	\$256,624.72
District Items				
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	434,646.00	1,165,354.00	0.00
6. Contingencies (10% of Items 1, 3-5)	297,124.00	270,355.55	26,768.45	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
Subtotal District Items	\$4,293,045.00	\$3,035,760.14	\$1,192,122.45	\$65,162.41
TOTAL CONSTRUCTION COSTS	\$10,177,295.00	\$8,663,385.42	\$1,192,122.45	\$321,787.13
NON-CONSTRUCTION COSTS				
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	73,745.68	0.00	175,000.32
TOTAL NON-CONSTRUCTION COSTS	\$1,922,705.00	\$1,747,705.30	\$0.00	\$174,999.70
TOTAL BOND ISSUE REQUIREMENT	\$12,100,000.00	\$10,411,090.72	\$1,192,122.45	\$496,786.83
			Interest Earned	\$239,115.82
			Total Surplus & Interest	\$735,902.65
			Total Remaining Funds	\$1,928,025.10

Harris County MUD No 109 - GOF
Actual vs. Budget Comparison

December 2021

		December 2021			June 2021 - December 2021			Annual
		Actual	Budget	Over/(Under)	Actual	Budget	Over/(Under)	Budget
Revenues								
14110	Water - Customer Service Revenu	39,979	44,783	(4,805)	289,549	313,483	(23,934)	537,400
14112	Surface Water - Reserve	84,433	73,000	11,433	714,679	765,000	(50,321)	1,215,000
14140	Connection Fees	2,000	808	1,192	11,400	5,658	5,742	9,700
14150	Tap Connections	845	1,250	(405)	1,690	8,750	(7,060)	15,000
14210	Sewer - Customer Service Fee	50,954	53,517	(2,562)	347,020	374,617	(27,596)	642,200
14220	Inspection Fees	1,011	842	169	6,027	5,892	135	10,100
14310	Penalties & Interest	6,401	3,333	3,067	33,253	23,333	9,919	40,000
14330	Miscellaneous Income	0	100	(100)	588	700	(112)	1,200
14340	COH Rebate	8,807	6,933	1,874	56,417	48,533	7,883	83,200
14350	Maintenance Tax Collections	0	0	0	0	0	0	1,068,216
14370	Interest Earned on Temp. Invest	1,491	1,181	311	3,875	8,265	(4,390)	14,169
14380	Interest Earned on Checking	2	33	(31)	5	233	(228)	400
14650	Water Sales to HC 151	877	860	17	7,904	6,020	1,884	10,320
Total Revenues		196,801	186,641	10,160	1,472,407	1,560,485	(88,079)	3,646,905
Expenditures								
16010	Operations - Water	9,231	6,942	2,289	60,153	48,592	11,561	83,300
16030	Operations - Sewer	2,292	2,308	(17)	16,085	16,158	(74)	27,700
16110	Tap Connection Expense	0	583	(583)	375	4,083	(3,708)	7,000
16120	Surface Water Fee	87,324	82,000	5,324	810,210	861,000	(50,790)	1,367,100
16130	Maintenance & Repairs - Water	22,906	34,125	(11,219)	141,020	238,875	(97,855)	409,500
16140	Chemicals - Water	502	3,492	(2,989)	24,137	24,442	(304)	41,900
16150	Laboratory Expense - Water	315	325	(10)	2,467	2,275	192	3,900
16160	Utilities	10,283	9,150	1,133	67,576	64,050	3,526	109,800
16180	Reconnections	820	633	187	5,700	4,433	1,267	7,600
16190	Disconnect Expense	135	283	(148)	1,080	1,983	(903)	3,400
16200	Mowing - Water	771	1,258	(487)	7,713	8,808	(1,096)	15,100
16210	Inspection Expense	0	75	(75)	3,195	525	2,670	900
16220	Purchase Sewer Service	44,830	43,025	1,805	311,569	301,176	10,393	516,302
16230	Maintenance & Repairs - Sewer	26,974	17,983	8,991	108,474	125,883	(17,410)	215,800
16240	Chemicals - Sewer	0	125	(125)	608	875	(267)	1,500
16250	Lab Fees - Sewer	0	158	(158)	268	1,108	(840)	1,900
16280	Mowing - Sewer	693	1,142	(448)	6,933	7,992	(1,059)	13,700
16320	Arbitrage Expense	0	0	0	5,900	3,250	2,650	3,250
16327	TCEQ Fees	0	0	0	0	0	0	5,900
16330	Legal Fees	5,248	4,417	831	34,633	30,917	3,716	53,000
16340	Auditing Fees	0	0	0	16,750	16,400	350	16,400
16350	Engineering Fees	3,101	6,667	(3,565)	31,038	46,667	(15,628)	80,000
16354	GIS Expense	0	167	(167)	0	1,167	(1,167)	2,000
16360	Garbage Expense	118	375	(257)	2,789	2,625	164	4,500
16370	Election Expense	0	0	0	0	0	0	10,000
16380	Permit Expense	0	0	0	7,017	7,200	(183)	7,200
16390	Telephone Expense	872	867	6	6,308	6,067	241	10,400
16420	Service Account Collection	2,321	2,083	238	15,934	14,583	1,351	25,000
16430	Bookkeeping Fees	2,811	2,575	236	20,642	20,525	117	33,500
16460	Printing & Office Supplies	2,189	2,442	(253)	16,866	17,092	(226)	29,300
16480	Delivery Expense	52	17	36	564	117	447	200
16520	Postage	2,656	2,792	(136)	19,409	19,542	(132)	33,500
16530	Insurance & Surety Bond	0	0	0	0	0	0	28,800
16540	Travel Expense	21	8	13	93	58	35	100
16550	Website Expense	0	67	(67)	375	467	(92)	800
16560	Miscellaneous Expense	588	308	279	2,465	2,158	306	3,700

Harris County MUD No 109 - GOF
Actual vs. Budget Comparison

December 2021

	December 2021			June 2021 - December 2021			Annual Budget	
	Actual	Budget	Over/(Under)	Actual	Budget	Over/(Under)		
Expenditures								
16570	AWBD Expense	700	700	0	3,095	3,100	(5)	7,800
16580	Bank Fees	50	18	32	355	128	227	220
16590	Security Monitoring	157	1,242	(1,084)	712	8,692	(7,979)	14,900
16592	Security Patrol Expense	12,395	12,395	0	86,765	86,765	0	148,740
16600	Payroll Expenses	1,615	2,025	(410)	15,179	14,175	1,004	24,300
Total Expenditures		241,970	242,772	(802)	1,854,448	2,013,953	(159,504)	3,369,912
Other Revenues								
14720	Transfer from Operating Reserve	0	0	0	0	0	0	508,007
Total Other Revenues		0	0	0	0	0	0	508,007
Other Expenditures								
17000	Capital Outlay	1,841	2,000	(159)	24,613	24,600	13	785,000
17010	Capital Outlay - Barents Dr L/S	0	0	0	5,438	0	5,438	0
Total Other Expenditures		1,841	2,000	(159)	30,050	24,600	5,450	785,000
Excess Revenues (Expenditures)		(\$47,010)	(\$58,131)	\$11,121	(\$412,092)	(\$478,068)	\$65,976	\$0

Balance Sheet

As of December 31, 2021

Dec 31, 21

ASSETS

Current Assets

Checking/Savings

	866
	275,913
	129,553
	406,332

Total Checking/Savings

Other Current Assets

	3,126,267
	225,717
	75,164
	3,219
	23,304
	516,102
	133,556
	4,103,329

Total Other Current Assets

Total Current Assets

TOTAL ASSETS

LIABILITIES & EQUITY

Liabilities

Current Liabilities

Accounts Payable

	158,977
	158,977

Total Accounts Payable

Other Current Liabilities

	75,164
	895
	275,281
	1,000
	10,449
	2,301
	(2,167)
	(27,982)
	(15,111)
	319,829

Total Other Current Liabilities

Total Current Liabilities

Total Liabilities

Equity

	4,442,946
	(412,092)
	4,030,854

Total Equity

TOTAL LIABILITIES & EQUITY

District Debt Service Payments

01/01/2022 - 01/01/2023

Paying Agent	Series	Date Due	Date Paid	Principal	Interest	Total Due
Debt Service Payment Due 04/01/2022						
Bank of New York	2011 - Refunding	04/01/2022		0.00	12,500.00	12,500.00
Bank of New York	2013 - Refunding	04/01/2022		0.00	1,581.25	1,581.25
Regions Bank	2015 - Refunding	04/01/2022		0.00	71,215.50	71,215.50
Bank of New York	2017 - WS&D	04/01/2022		0.00	186,371.88	186,371.88
Bank of New York	2021 - Refunding	04/01/2022		0.00	41,187.50	41,187.50
Total Due 04/01/2022				0.00	312,856.13	312,856.13
Debt Service Payment Due 10/01/2022						
Bank of New York	2011 - Refunding	10/01/2022		625,000.00	12,500.00	637,500.00
Bank of New York	2013 - Refunding	10/01/2022		115,000.00	1,581.25	116,581.25
Regions Bank	2015 - Refunding	10/01/2022		70,000.00	71,215.50	141,215.50
Bank of New York	2017 - WS&D	10/01/2022		430,000.00	186,371.88	616,371.88
Bank of New York	2021 - Refunding	10/01/2022		20,000.00	49,425.00	69,425.00
Total Due 10/01/2022				1,260,000.00	321,093.63	1,581,093.63
District Total				\$1,260,000.00	\$633,949.76	\$1,893,949.76

Harris County MUD No 109 - GOF

Annexations

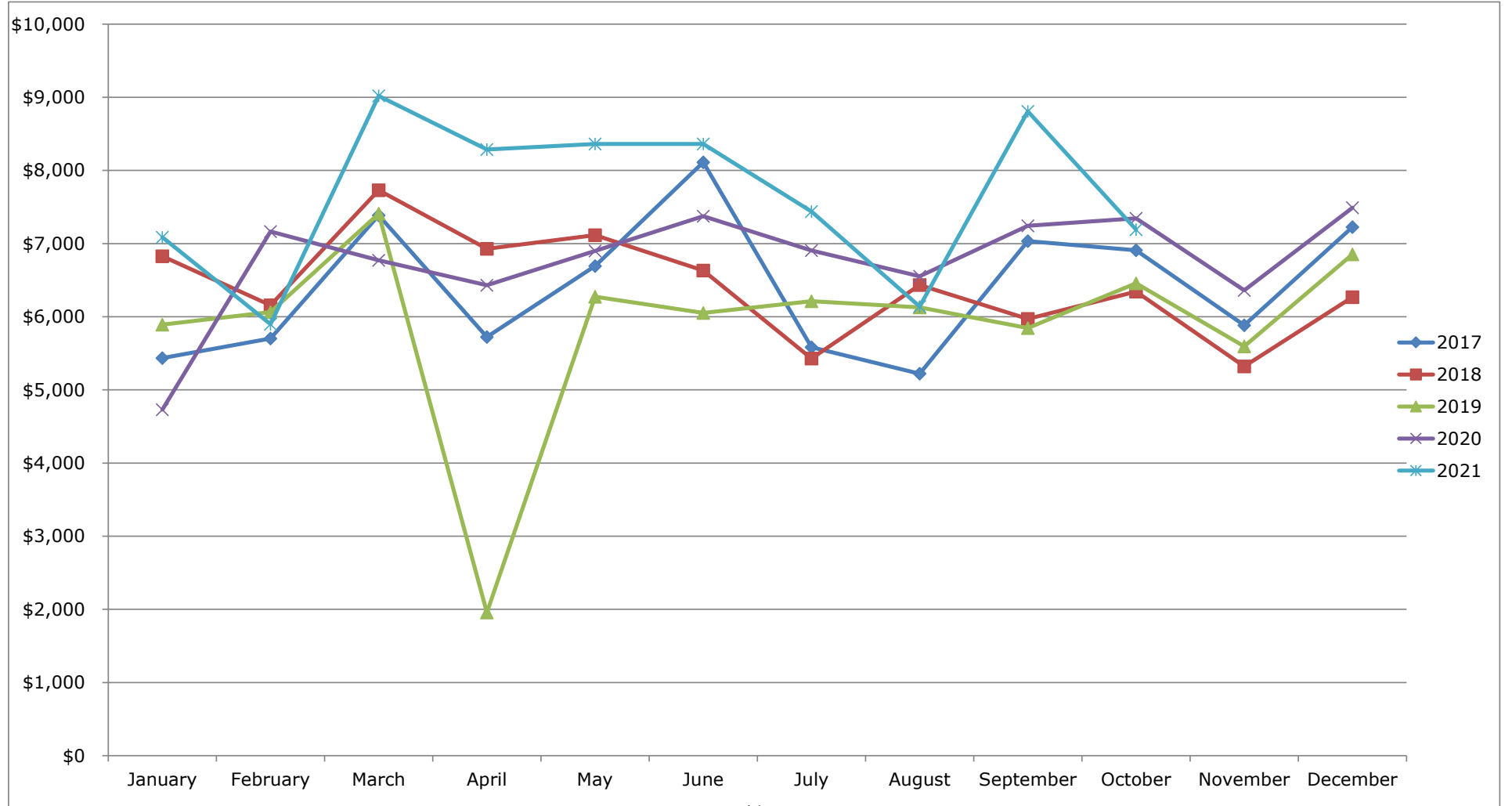
All Transactions

Date	Num	Name	Memo	Debit	Credit	Balance
12787 - Lee Annexation						
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	PS19001733	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	HCMUD109LE...	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	HCMUD109LE...	ROW Management LLC	Lee Annexation Expense	3,640.00		7,191.37
06/30/2021	6-210975	BGE, Inc.	Engineering Fees - Lee Tract Waterline Extension	1,552.95		5,638.42
07/31/2021	7-210916	BGE, Inc.	Engineering Fees - Lee Tract Waterline Extension	1,942.88		3,695.54
08/31/2021	8-211098	BGE, Inc.	Engineering Fees - Lee Tract Waterline Extension	3,791.52		-95.98
09/30/2021	9-210996	BGE, Inc.	Engineering Fees - Lee Tract Waterline Extension	839.23		-935.21
10/31/2021	10-211116	BGE, Inc.	Engineering Fees - Lee Tract Waterline Extension	693.11		-1,628.32
11/30/2021	11-210356	BGE, Inc.	Engineering Fees - Lee Tract Waterline Extension	538.91		-2,167.23
Total 12787 - Lee Annexation				32,167.23	30,000.00	-2,167.23
12788 - Barents Annexation						
08/31/2019	Rept	BBVA	Barents Annexation Deposit - Ida Gilbert		5,000.00	5,000.00
08/31/2019	Rept	BBVA	Barents Annexation Deposit - GAP Plumbing Inc.		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	Rept	BBVA	Barents Annexation Deposit - Champ Auto Gro...		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 Feasibility	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 Feasibility	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 Feasibility	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 Feasibility	883.59		-13,076.48
06/30/2020	6-200423	BGE, Inc.	Engineering Fees - Barents Drive LS Feasibility	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 Feasibility	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
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
06/30/2021	9495291784	Norton Rose Fulbright US LLP	12th Annexation	300.00		-24,732.02
07/31/2021	9495297183	Norton Rose Fulbright US LLP	12th Annexation	350.00		-25,082.02
08/31/2021	W/O 98752653	Centerpoint Energy	Defined Easement	1,700.00		-26,782.02
08/31/2021	9495303961	Norton Rose Fulbright US LLP	12th Annexation	100.00		-26,882.02
09/30/2021	9495311756	Norton Rose Fulbright US LLP	12th Annexation	230.00		-27,112.02
10/31/2021	9495317946	Norton Rose Fulbright US LLP	12th Annexation	200.00		-27,312.02
11/30/2021	9495324857	Norton Rose Fulbright US LLP	12th Annexation	520.00		-27,832.02
12/31/2021	9495330927	Norton Rose Fulbright US LLP	12th Annexation	150.00		-27,982.02
Total 12788 - Barents Annexation				42,982.02	15,000.00	-27,982.02
12790 - Country Scramble						
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
Total 12790 - Country Scramble				15,111.40	0.00	-15,111.40
TOTAL				90,260.65	45,000.00	-45,260.65

Sales Tax Revenue History

Harris County MUD No. 109

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2017	\$5,434	\$5,703	\$7,385	\$5,723	\$6,692	\$8,112	\$5,584	\$5,221	\$7,033	\$6,909	\$5,885	\$7,225	\$76,905
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			\$76,591
Total	\$29,972	\$30,990	\$38,314	\$29,324	\$35,344	\$36,534	\$31,570	\$30,476	\$34,901	\$34,248	\$23,164	\$27,836	\$382,674



Cash Flow Forecast

Harris County MUD 109

	5/22	5/23	5/24	5/25	5/26
Assessed Value	\$708,611,922	\$708,611,922	\$708,611,922	\$708,611,922	\$708,611,922
Maintenance Tax Rate	\$0.190	\$0.190	\$0.190	\$0.190	\$0.190
Maintenance Tax	\$1,319,435	\$1,319,435	\$1,319,435	\$1,319,435	\$1,319,435
% Change in Water Rate		1.00%	1.00%	1.00%	1.00%
% Change in Wastewater Rate		3.00%	3.00%	3.00%	3.00%
% Change in NHCRWA		10.00%	10.00%	10.00%	10.00%
% Change in Expenses		5.00%	5.00%	5.00%	5.00%
Beginning Cash Balance 6-1-2021	\$3,768,001	\$3,259,994	\$3,156,700	\$2,966,464	\$2,773,488
Revenues					
Maintenance Tax	\$1,068,216	\$1,319,435	\$1,319,435	\$1,319,435	\$1,319,435
Water Revenue	537,400	542,774	548,202	553,684	559,221
Wastewater Revenue	642,200	661,466	681,310	701,749	722,802
NHCRWA Revenue	1,215,000	1,336,500	1,470,150	1,617,165	1,778,882
Other	184,089	193,293	202,958	213,106	223,761
Total Revenues	\$3,646,905	\$4,053,469	\$4,222,055	\$4,405,139	\$4,604,101
Expenses					
NHCRWA	\$1,367,100	\$1,503,810	\$1,654,191	\$1,819,610	\$2,001,571
Other Expenses	2,002,812	2,102,953	2,208,100	2,318,505	2,434,431
Total Expenses	\$3,369,912	\$3,606,763	\$3,862,291	\$4,138,115	\$4,436,002
Net Surplus	\$276,993	\$446,706	\$359,764	\$267,024	\$168,099
Capital Outlay					
Capital Outlay - AJOB	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
WP 1 Booster Pump Improvements	100,000	0	0	0	0
WP 1 Well Rehab & Motor Replacement	0	0	200,000	0	0
WP 1 Electrical Control Improvements	0	0	250,000	210,000	0
WP 1 GST 1 Replacement	0	250,000	0	0	0
WP 2 Well Rehab & Motor Replacement	0	0	0	200,000	0
Lift Station No. 1	205,000	0	0	0	0
Lift Station No. 3	125,000	0	0	0	0
Lift Station No. 5	115,000	0	0	0	0

HC 46 Water Interconnect	0	0	50,000	0	0
Manholes Valve Rehab	0	250,000	0	0	0
Manholes Survey	120,000	0	0	0	0
Water Valve Survey	70,000	0	0	0	0

Total Capital Outlay	\$785,000	\$550,000	\$550,000	\$460,000	\$50,000
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Construction Surplus	\$0	\$0	\$0	\$0	\$0
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Ending Cash Balance	\$3,259,994	\$3,156,700	\$2,966,464	\$2,773,488	\$2,891,587
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Operating Reserve % of Exp

Percentage	97%	88%	77%	67%	65%
Number of Months	12	11	9	8	8

Bond Authority

Remaining Bonding Capacity - \$12,950,000

2022 AWBD Mid-Winter Conference

Harris County MUD No. 109

Friday, January 28 - Saturday, January 29, 2022

Moody Gardens, Galveston, 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 (For log in assistance, contact Taylor Cavnar: 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	07/21/21	\$360
Regular Registration:	Begins	09/02/21	\$410
Late Registration	Begins	12/16/21	\$510

Cancellation Policy

All cancellations must be made in writing.

A \$50.00 administrative fee is assessed for each conference registration cancelled on or before 12/15/21.

There will be no refunds after 12/15/21.

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



MUNICIPAL ACCOUNTS
& CONSULTING, L.P.

Harris County Municipal
Utility District No. 109
Quarterly Investment Inventory Report
Period Ending November 30, 2021

BOARD OF DIRECTORS
Harris County Municipal
Utility District No. 109

Attached is the Quarterly Investment Inventory Report for the
Period ending November 30, 2021.

This report and the District's investment portfolio are in compliance with the
investment strategies expressed in the District's investment policy, and the
Public Funds Investment Act.

I, hereby certify that, pursuant to Senate Bill 253 and in connection with the
preparation of the investment report, I have reviewed the divestment lists
prepared and maintained by the Texas Comptroller of Public Accounts, and the
District does not own direct or indirect holdings in any companies identified on such lists.

Mark M. Burton
(Investment Officer)

Ghia Lewis
(Investment Officer)

COMPLIANCE TRAINING

HB 675 states the Investment Officer must attend at least one training seminar for (6) six hours
Within twelve months of taking office and requires at least (4) four hours training within each (2)
two year period thereafter.

INVESTMENT OFFICERS

Mark M. Burton

Ghia Lewis

CURRENT TRAINING

November 5, 2013 (Texpool Academy 10 Hours)
November 27, 2015 (Texpool Academy 10 Hours)
December 26, 2017 (Texpool Academy 10 Hours)
January 9, 2020 (TexPool Academy 12 Hours)
December 31, 2021 (Texpool Academy 10 Hours)

November 7, 2013 (Texpool Academy 10 Hours)
November 5, 2015 (Texpool Academy 10 Hours)
November 6, 2017 (Texpool Academy 10 Hours)
November 5, 2019 (Texpool Academy 10 Hours)
December 28, 2021 (Texpool Academy 10 Hours)

Harris County MUD No. 109
Summary of Money Market Funds
 09/01/2021 - 11/30/2021

Fund: Operating

Financial Institution: TEXAS CLASS

Account Number: XXXX0001 Date Opened: 03/22/2017 Current Interest Rate: 0.05%

Date	Description	Begin Balance	Cash Added	Cash Withdrawn	Int. Earned	End Balance
09/01/2021		389,759.37				
09/14/2021	THIRD CDXXXX8790 INTEREST		483.29			
09/28/2021	TRB CDXXXX3907 INTEREST		282.02			
09/30/2021					14.17	
10/01/2021	To Checking			(100,000.00)		
10/07/2021	To Lockbox			(500.00)		
10/15/2021	WALLIS CDXXXX1242 INTEREST		317.07			
10/31/2021					8.26	
10/31/2021	To Checking			(250,000.00)		
11/09/2021	Series 2021R Bond Proceeds		13,448.98			
11/24/2021	VERITEX CDXXXX0447 INTEREST		960.00			
11/30/2021					2.23	
Totals for Account XXXX0001:		<u>\$389,759.37</u>	<u>\$15,491.36</u>	<u>(\$350,500.00)</u>	<u>\$24.66</u>	<u>\$54,775.39</u>
Totals for Operating Fund:		<u>\$389,759.37</u>	<u>\$15,491.36</u>	<u>(\$350,500.00)</u>	<u>\$24.66</u>	<u>\$54,775.39</u>

Methods Used For Reporting Market Values

Certificates of Deposits:	Face Value Plus Accrued Interest
Securities/Direct Government Obligations:	Market Value Quoted by the Seller of the Security and Confirmed in Writing
Public Fund Investment Pool/AM Accounts:	Balance = Book Value = Current Market

Harris County MUD No. 109
Summary of Money Market Funds
 09/01/2021 - 11/30/2021

Fund: Capital Projects

Financial Institution: TEXAS CLASS

Account Number: XXXX0002 Date Opened: 03/22/2017 Current Interest Rate: 0.05%

Date	Description	Begin Balance	Cash Added	Cash Withdrawn	Int. Earned	End Balance
09/01/2021		2,353,556.16				
09/30/2021					85.61	
10/01/2021	To Checking			(36,465.46)		
10/19/2021	To Checking			(10,806.72)		
10/31/2021					85.75	
11/16/2021	To Checking			(54,342.77)		
11/30/2021					101.04	
Totals for Account XXXX0002:		<u>\$2,353,556.16</u>		<u>(\$101,614.95)</u>	<u>\$272.40</u>	<u>\$2,252,213.61</u>
Totals for Capital Projects Fund:		<u>\$2,353,556.16</u>		<u>(\$101,614.95)</u>	<u>\$272.40</u>	<u>\$2,252,213.61</u>

Methods Used For Reporting Market Values

Certificates of Deposits:	Face Value Plus Accrued Interest
Securities/Direct Government Obligations:	Market Value Quoted by the Seller of the Security and Confirmed in Writing
Public Fund Investment Pool/ΔΔM Accounts:	Balance = Book Value = Current Market

Harris County MUD No. 109
Summary of Money Market Funds
 09/01/2021 - 11/30/2021

Fund: Debt Service

Financial Institution: BBVA USA-DEBT

Account Number: XXXX7305 Date Opened: 02/15/2017 Current Interest Rate: 0.00%

Date	Description	Begin Balance	Cash Added	Cash Withdrawn	Int. Earned	End Balance
09/01/2021		1,906.72				
09/30/2021					0.00	
10/08/2021	Close to Central			(1,906.72)		
Totals for Account XXXX7305:		\$1,906.72		(\$1,906.72)	\$0.00	\$0.00

Financial Institution: CENTRAL BANK - DEBT

Account Number: XXXX1883 Date Opened: 08/04/2021 Current Interest Rate: 0.03%

Date	Description	Begin Balance	Cash Added	Cash Withdrawn	Int. Earned	End Balance
09/01/2021		0.00				
10/08/2021	Close BBVA to Central		1,906.72			
10/31/2021					0.04	
10/31/2021				(10.00)		
10/31/2021				(5.00)		
11/30/2021					0.05	
11/30/2021				(90.00)		
Totals for Account XXXX1883:		\$0.00	\$1,906.72	(\$105.00)	\$0.09	\$1,801.81

Financial Institution: TEXAS CLASS

Account Number: XXXX0003 Date Opened: 03/22/2017 Current Interest Rate: 0.05%

Date	Description	Begin Balance	Cash Added	Cash Withdrawn	Int. Earned	End Balance
09/01/2021		1,537,712.32				
09/13/2021	PAF BONY SERIES 2011R			(750.00)		
09/13/2021	PAF BONY SERIES 2013R			(500.00)		
09/21/2021	THIRD CDXXXX6273 INTEREST		1,800.00			
09/23/2021	SSTAR CDXXXX0072 INTEREST		1,467.55			
09/30/2021	BOND PAYMENT BONY			(1,357,296.89)		
09/30/2021	BOND PAYMENT REGIONS EQUIP			(142,122.40)		
09/30/2021					54.10	
10/31/2021					1.50	
11/09/2021	Series 2021R Bond Proceeds		2,196.67			
11/30/2021					1.83	
Totals for Account XXXX0003:		\$1,537,712.32	\$5,464.22	(\$1,500,669.29)	\$57.43	\$42,564.68

Methods Used For Reporting Market Values

Certificates of Deposits:	Face Value Plus Accrued Interest
Securities/Direct Government Obligations:	Market Value Quoted by the Seller of the Security and Confirmed in Writing
Public Fund Investment Pool/ADM Accounts:	Balance = Book Value = Current Market

Harris County MUD No. 109
Summary of Money Market Funds
 09/01/2021 - 11/30/2021

Totals for Debt Service Fund:	\$1,539,619.04	\$7,370.94	(\$1,502,681.01)	\$57.52	\$44,366.49
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Methods Used For Reporting Market Values

Certificates of Deposits:	Face Value Plus Accrued Interest
Securities/Direct Government Obligations:	Market Value Quoted by the Seller of the Security and Confirmed in Writing
Public Fund Investment Pool/MM Accounts:	Balance = Book Value = Current Market

Harris County MUD No. 109
Summary of Certificates of Deposit with Money Market
09/01/2021 - 11/30/2021

Financial Institution	Investment Number	Issue Date	Maturity Date	Beginning Balance	Principal From Cash	Principal From Investment	Principal Withdrawn	Principal Reinvested	Ending Balance	Interest Rate	Beg. Acc. Interest	Interest Earned	Interest Reinvested	Interest Withdrawn	Accrued Interest
Fund: Operating															
Certificates of Deposit															
ALLEGIANCE BANK	XXXX0213	04/22/21	04/22/22	240,000.00	0.00	0.00	0.00	0.00	240,000.00	0.20%	173.59	0.00	0.00	0.00	291.95
BANCORPSOUTH	XXXX8606	12/22/20	12/21/21	240,000.00	0.00	0.00	0.00	0.00	240,000.00	0.62%	1,031.41	0.00	0.00	0.00	1,398.31
FRONTIER BANK	XXXX2232	01/16/21	01/16/22	240,000.00	0.00	0.00	0.00	0.00	240,000.00	0.50%	749.59	0.00	0.00	0.00	1,045.48
LONE STAR BANK	XXXX2426	02/27/21	02/27/22	240,000.00	0.00	0.00	0.00	0.00	240,000.00	0.45%	550.36	0.00	0.00	0.00	816.66
PLAINS STATE BANK	XXXX1359	01/25/21	01/25/22	240,000.00	0.00	0.00	0.00	0.00	240,000.00	0.35%	504.00	0.00	0.00	0.00	711.12
WT FROM TXCLASS XXXX0001															
SOUTH STAR BANK	XXXX0129	02/19/21	02/19/22	240,000.00	0.00	0.00	0.00	0.00	240,000.00	0.25%	318.90	0.00	0.00	0.00	466.85
TEXAS CAPITAL BANK	XXXX0459	01/12/21	01/12/22	240,000.00	0.00	0.00	0.00	0.00	240,000.00	0.25%	381.37	0.00	0.00	0.00	529.31
TEXAS REGIONAL BANK	XXXX3907	03/02/21	09/27/21	245,000.00	0.00	0.00	0.00	245,000.00	0.00	0.20%	245.67	282.02	0.00	282.02	0.00
WT FROM TXCLASS XXXX0001															
TEXAS REGIONAL BANK	XXXX3907	09/28/21	06/29/22	0.00	0.00	245,000.00	0.00	0.00	245,000.00	0.13%	0.00	0.00	0.00	0.00	54.97
THIRD COAST BANK, SSB	XXXX8790	02/16/21	09/13/21	240,000.00	0.00	0.00	0.00	240,000.00	0.00	0.35%	453.37	483.29	0.00	483.29	0.00
WT FROM TXCLASS XXXX0001															
THIRD COAST BANK, SSB	XXXX8790	09/14/21	05/14/22	0.00	0.00	240,000.00	0.00	0.00	240,000.00	0.30%	0.00	0.00	0.00	0.00	151.89
UNITY NATIONAL BANK	XXXX4677	08/30/21	03/28/22	245,000.00	0.00	0.00	0.00	0.00	245,000.00	0.25%	3.36	0.00	0.00	0.00	154.38
Rollover FROM CD XXXX1856															
VERITEX COMMUNITY BANK	XXXX0447	11/24/20	11/23/21	240,000.00	0.00	0.00	0.00	240,000.00	0.00	0.40%	739.07	960.00	0.00	960.00	0.00
WT FROM TXCLASS XXXX0001															
VERITEX COMMUNITY BANK	XXXX0447	11/24/21	11/24/22	0.00	0.00	240,000.00	0.00	0.00	240,000.00	0.30%	0.00	0.00	0.00	0.00	11.84
WALLIS BANK	XXXX1242	02/16/21	10/14/21	240,000.00	0.00	0.00	0.00	240,000.00	0.00	0.20%	259.07	317.07	0.00	317.07	0.00
WT FROM TXCLASS XXXX0001															
WALLIS BANK	XXXX1242	10/15/21	07/15/22	0.00	0.00	240,000.00	0.00	0.00	240,000.00	0.10%	0.00	0.00	0.00	0.00	30.25
Totals for Operating Fund:				2,890,000.00	0.00	965,000.00	0.00	965,000.00	2,890,000.00	N/A	5,409.76	2,042.38	0.00	2,042.38	\$5,663.01

Beginning Balance: \$2,890,000.00
Plus Principal From Cash: \$0.00
Less Principal Withdrawn: \$0.00
Plus Interest Reinvested: \$0.00
Fixed Balance: \$2,890,000.00
MM Balance: \$54,775.39
Total Balance: \$2,944,775.39

Interest Earned: \$2,042.38
Less Beg Accrued Interest: \$5,409.76
Plus End Accrued Interest: \$5,663.01
Fixed Interest Earned: \$2,295.63
MM Interest Earned: \$24.66
Total Interest Earned: \$2,320.29

Methods Used For Reporting Market Values

Certificates of Deposits:	Face Value Plus Accrued Interest
Securities/Direct Government Obligations:	Market Value Quoted by the Seller of the Security and Confirmed in Writing
Public Fund Investment Pool/ADM Accounts:	Balance = Book Value = Current Market

Harris County MUD No. 109
Summary of Certificates of Deposit with Money Market
 09/01/2021 - 11/30/2021

Financial Institution	Investment Number	Issue Date	Maturity Date	Beginning Balance	Principal From Cash	Principal From Investment	Principal Withdrawn	Principal Reinvested	Ending Balance	Interest Rate	Beg. Acc. Interest	Interest Earned	Interest Reinvested	Interest Withdrawn	Accrued Interest
Fund: Debt Service															
Certificates of Deposit															
FRONTIER BANK - DEBT	XXXX2636	08/30/21	08/30/22	240,000.00	0.00	0.00	0.00	0.00	240,000.00	0.50%	6.57	0.00	0.00	0.00	302.46
PIONEER BANK-DEBT	XXXX2151	03/19/21	03/19/22	240,000.00	0.00	0.00	0.00	0.00	240,000.00	0.29%	316.54	0.00	0.00	0.00	488.15
SOUTH STAR BANK-DEBT	XXXX0072	09/19/20	09/21/21	240,000.00	0.00	0.00	0.00	240,000.00	0.00	0.60%	1,368.98	1,467.55	0.00	1,467.55	0.00
SOUTH STAR BANK-DEBT	XXXX0072	09/22/21	09/22/22	0.00	0.00	240,000.00	0.00	0.00	240,000.00	0.15%	0.00	0.00	0.00	0.00	68.05
THIRD COAST BANK-DEBT	XXXX6273	09/21/20	09/21/21	240,000.00	0.00	0.00	0.00	240,000.00	0.00	0.75%	1,701.37	1,800.00	0.00	1,800.00	0.00
Rollover FROM CD XXXX0095															
THIRD COAST BANK-DEBT	XXXX6273	09/22/21	09/21/22	0.00	0.00	240,000.00	0.00	0.00	240,000.00	0.40%	0.00	0.00	0.00	0.00	181.48
Totals for Debt Service Fund:				960,000.00	0.00	480,000.00	0.00	480,000.00	960,000.00	N/A	3,393.46	3,267.55	0.00	3,267.55	\$1,040.14
Beginning Balance:	\$960,000.00					Interest Earned:	\$3,267.55								
Plus Principal From Cash:	\$0.00					Less Beg Accrued Interest:	\$3,393.46								
Less Principal Withdrawn:	\$0.00					Plus End Accrued Interest:	\$1,040.14								
Plus Interest Reinvested:	\$0.00					Fixed Interest Earned:	\$914.23								
Fixed Balance:	\$960,000.00					MM Interest Earned:	\$57.52								
MM Balance:	\$44,366.49					Total Interest Earned:	\$971.75								
Total Balance:	\$1,004,366.49														
Totals for District:				3,850,000.00	0.00	1,445,000.00	0.00	1,445,000.00	3,850,000.00	N/A	8,803.22	5,309.93	0.00	5,309.93	\$6,703.15

Methods Used For Reporting Market Values

Certificates of Deposits:	Face Value Plus Accrued Interest
Securities/Direct Government Obligations:	Market Value Quoted by the Seller of the Security and Confirmed in Writing
Public Fund Investment Pool/MM Accounts:	Balance = Book Value = Current Market

Harris County MUD No. 109
Detail of Pledged Securities

09/01/2021 - 11/30/2021

Financial Institution: BBVA USA-PREMIER

Security: Letter of Credit/FHLB-Atl	Par Value: 500,000.00	Maturity Date: 04/20/2022	Pledged: 04/20/2021	Released: 10/22/2021	Amount Released: 500,000.00
CUSIP: 161929					
	Date	Value			
	09/30/2021	500,000.00			

Financial Institution: CENTRAL BANK - CHECKING

Security: Letter of Credit/FHLB-Dal	Par Value: 100,000.00	Maturity Date: 01/28/2022	Pledged: 11/18/2021	Released:	Amount Released:
CUSIP: 10010692					
	Date	Value			
	11/30/2021	100,000.00			

Methods Used For Reporting Market Values

Certificates of Deposits:	Face Value Plus Accrued Interest
Securities/Direct Government Obligations:	Market Value Quoted by the Seller of the Security and Confirmed in Writing
Public Fund Investment Pool/AM Accounts:	Balance = Book Value = Current Market



ENGINEERING REPORT

January 14, 2022

To: Harris County MUD No. 109 Board of Directors

From: Bill Kotlan, P.E.

District Engineer

10. 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

The contractor expects to begin on the sanitary sewer line next week. We are working to resolve a conflict with MUD 46's water line.

Last month we discussed a change order presented to the District by TxDOT to revise unit prices to reflect increases sustained by the contractor. MUD 109's share of the change order is \$101,487.88 for construction plus contingency and engineering for a total of \$108,541.29. We recommend that the District take action to approve the change order and direct the engineer to request that TxDOT not charge the District for contingencies and engineering for a unit price change order.

Action Item: Approve MUD 109 portion of Angel Brothers Change Order in the amount of \$108,541.29.

b. Water Plant No. 2 Expansion

Pay Estimate No. 7 in the amount of \$60,453.00 is recommended for approval. The work includes site work, work on the ground storage tank and placement of booster pump and operations building slabs.

Action Items (Water Plant No 2 Expansion):

- 1. Approve Pay Estimate No. 7 to Schier Construction Company, Inc. for \$60,453.00**

Exhibit G

Serving. Leading. Solving.™

c. Barents Drive Lift Station

We are working on the plat for the lift station.

d. Water Line Extension (Annexation 11)

Bids have been advertised and will be opened on January 25th, 2021. We will present bids at the February meeting.

e. Wastewater Treatment Plant

2021 Wastewater project may be expanded to include replacement of frozen gates in the aeration basins. This will be discussed at AJOB meeting.

Wastewater Treatment Plant Permit Renewal

The permit for the Wastewater Treatment Plant is set to expire in December 2022. The renewal application must be submitted in June to provide sufficient time for the renewal process.

Action Item: Authorize BGE to Prepare and submit application to TCEQ for renewal of the discharge permit.

f. Developer's Report: Nothing to report.

g. Capacity Commitments (Annexation 12): at City of Houston

i. Ashley (Dirt Cheap): No change this month.

ii. Teo Lopez (Country Scramble): No change this month.

iii. Shawn Gilbert service request: No change this month.



January 3, 2022

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

Attention: Cory Burton

Re: **Pay Estimate No. 7**
Harris County MUD No. 109
Water Plant No. 2 Expansion
BGE Job No. 7440-00

Dear Mr. Burton:

Enclosed herewith is Pay Estimate No. 7 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

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. 7
Original Contract Amount: \$ 1,757,150.00
Change Orders: \$ 194,324.19
Current Contract Amount: \$ 1,951,474.19
Completed to Date: \$ 482,940.00
Retainage 10% \$ 48,294.00
Balance: \$ 434,646.00
Less Previous Payments: \$ 374,193.00
Current Payment Due: \$ 60,453.00

BGE Job No. 7440-00
Estimate Period: 12/01/21 - 12/31/21
Contract Date: April 26, 2021
Notice to Proceed: June 14, 2021
Contract Time: 270 Calendar Days
Time Charged: 201 Calendar Days
Approved Extensions: 30 Calendar Days
Requested Time Extensions: 21 Calendar Days
Time Remaining: 99 Calendar Days

Recommended for Approval:



1/3/22

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. 7

Item	Description	Contract Quantity	Unit	Unit Price	Amount	Completed This Period	Amount This Period	Previous Period	Previous Amount	Total Completed	Total
<u>UNIT A: BASE BID ITEMS</u>											
1.	Mobilization; Demobilization (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	0.15	\$ 9,030.00	0.85	\$ 51,170.00	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	\$ -	0.00	\$ -	0.00	\$ -
	Splash Pad	1.00	LS	\$ 4,000.00	\$ 4,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Sterilization	1.00	LS	\$ 1,500.00	\$ 1,500.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	O&M's	1.00	LS	\$ 500.00	\$ 500.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
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	0.80	\$ 24,640.00	0.20	\$ 6,160.00	1.00	\$ 30,800.00
	PUMPS										
	a. Material	1.00	LS	\$ 68,600.00	\$ 68,600.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	b. Installation	1.00	LS	\$ 6,000.00	\$ 6,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -

Harris County MUD No. 109
 Water Plant No. 2 Expansion
 BGE Job No. 7440-00
 Pay Estimate No. 7

Item	Description	Contract Quantity	Unit	Unit Price	Amount	Completed This Period	Amount This Period	Previous Period	Previous Amount	Total Completed	Total
	PIPING										
	a. Material	1.00	LS	\$ 83,400.00	\$ 83,400.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	b. Installation	1.00	LS	\$ 12,000.00	\$ 12,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Pipe Supports	1.00	LS	\$ 5,000.00	\$ 5,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Paint	1.00	LS	\$ 12,000.00	\$ 12,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	O&M's	1.00	LS	\$ 500.00	\$ 500.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
5.	Operations Building including foundation, painting, and all appurtances; Complete in Place.										
	Foundation	1.00	LS	\$ 27,500.00	\$ 27,500.00	0.80	\$ 22,000.00	0.20	\$ 5,500.00	1.00	\$ 27,500.00
	Walls -CMU	1.00	LS	\$ 14,200.00	\$ 14,200.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Roof	1.00	LS	\$ 33,400.00	\$ 33,400.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Doors	1.00	LS	\$ 7,500.00	\$ 7,500.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	HVAC	1.00	LS	\$ 3,000.00	\$ 3,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Paint	1.00	LS	\$ 9,600.00	\$ 9,600.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Misc - Lab Table, Burglar Bars	1.00	LS	\$ 3,200.00	\$ 3,200.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	O&M's	1.00	LS	\$ 500.00	\$ 500.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
6.	On-site Yard Piping and Appurtenances. Complete in Place.										
	PIPING										
	a. Material	1.00	LS	\$ 61,800.00	\$ 61,800.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	b. Installation	1.00	LS	\$ 27,900.00	\$ 27,900.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Paint	1.00	LS	\$ 5,600.00	\$ 5,600.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Sterilization	1.00	LS	\$ 1,000.00	\$ 1,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	O&M's	1.00	LS	\$ 500.00	\$ 500.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
7.	Demolition of existing electrical equipment, including MCC, generator, etc.										
	Paving	1.00	LS	\$ 6,000.00	\$ 6,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Electrical	1.00	LS	\$ 4,700.00	\$ 4,700.00	0.00	\$ -	0.00	\$ -	0.00	\$ -

Harris County MUD No. 109
 Water Plant No. 2 Expansion
 BGE Job No. 7440-00
 Pay Estimate No. 7

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	\$ -	0.00	\$ -	0.00	\$ -
	Electrical	1.00	LS	\$ 454,000.00	\$ 454,000.00	0.00	\$ -	0.06	\$ 27,240.00	0.06	\$ 27,240.00
	O&M's	1.00	LS	\$ 500.00	\$ 500.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
9.	Installation of Weatherhead service equipment, reconnection of electrical service; Complete in Place.	1.00		\$ 6,000.00	\$ 6,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
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	1.00	\$ 7,000.00	0.00	\$ -	1.00	\$ 7,000.00
	Concrete Paving	1.00	LS	\$ 30,400.00	\$ 30,400.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Sidewalks	1.00	LS	\$ 8,800.00	\$ 8,800.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Bollards	1.00	LS	\$ 3,200.00	\$ 3,200.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	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	0.00	\$ -	0.00	\$ -	0.00	\$ -
	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	\$ -	0.00	\$ -	0.00	\$ -
	Unit A: Base Bid Items - Subtotal				\$ 1,314,500.00		\$ 62,670.00		\$ 359,270.00		\$ 421,940.00

Harris County MUD No. 109
 Water Plant No. 2 Expansion
 BGE Job No. 7440-00
 Pay Estimate No. 7

Item	Description	Contract Quantity	Unit	Unit Price	Amount	Completed This Period	Amount This Period	Previous Period	Previous Amount	Total Completed	Total
<u>UNIT B: SUPPLEMENTAL BID ITEMS</u>											
1.	"Extra" as directed, 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	\$ -	0.00	\$ -	0.00	\$ -
	Foundation & Load Bank	1.00	LS	\$ 21,100.00	\$ 21,100.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Sidewalk	1.00	LS	\$ 7,200.00	\$ 7,200.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Bollards	1.00	LS	\$ 5,800.00	\$ 5,800.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	New Gas Generator	1.00	LS	\$ 373,800.00	\$ 373,800.00	0.00	\$ -	0.04	\$ 13,800.00	0.04	\$ 13,800.00
	Natural Gas Line	1.00	LS	\$ 5,000.00	\$ 5,000.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Electrical	1.00	LS	\$ 8,200.00	\$ 8,200.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	O&M's	1.00	LS	\$ 500.00	\$ 500.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
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	\$ -	0.00	\$ -	0.00	\$ -

Harris County MUD No. 109
 Water Plant No. 2 Expansion
 BGE Job No. 7440-00
 Pay Estimate No. 7

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	\$ -
Unit B: Supplemental Bid Items - Subtotal					\$ 442,650.00		\$ -		\$ 13,800.00		\$ 13,800.00
Total Contract Amount:					\$ 1,757,150.00						
Change Order No. 1											
ADD:											
	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	\$ 4,500.00	0.23	\$ 39,700.00	0.25	\$ 44,200.00
	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. 7

Item	Description	Contract Quantity	Unit	Unit Price	Amount	Completed This Period	Amount This Period	Previous Period	Previous Amount	Total Completed	Total
<u>DELETE:</u>											
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		\$ 4,500.00		\$ 42,700.00		\$ 47,200.00
Change Order No. 2											
<u>ADD:</u>											
	Generator Price Increase	1.00	LS	\$ 15,738.00	\$ 15,738.00	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Piping Price Increase	1.00	LS	\$ 22,386.19	\$ 22,386.19	0.00	\$ -	0.00	\$ -	0.00	\$ -
	Change Order No. 2 -Subtotal				\$ 38,124.19		\$ -		\$ -		\$ -
Change Order No. 3											
					\$ -	0.00	\$ -	0.00	\$ -	0.00	\$ -
Totals:					\$ 1,951,474.19		\$ 67,170.00		\$ 415,770.00		\$ 482,940.00

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. 7, dated 12/23/2021 (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.

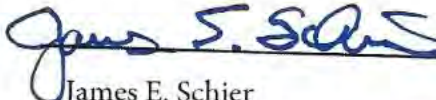
CONTRACTOR represents that the person executing this affidavit on behalf of CONTRACTOR is duly authorized to sign this affidavit and to legally bind CONTRACTOR hereto. All of the provisions of this affidavit shall bind CONTRACTOR, its heirs, representatives, successors and assigns and shall inure to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

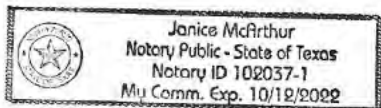
Executed this 23rd day of December, 2021.

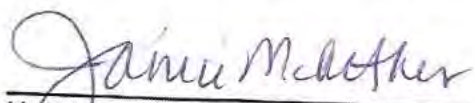
SCHIER CONSTRUCTION COMPANY, INC.

By: 
Name James E. Schier
Printed:
Title: President

STATE OF TEXAS §
COUNTY OF Harris §

Subscribed and sworn to before me, the undersigned authority, on this the 23rd day of December, 2021, to certify which, witness my hand and seal of office.




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

My commission expires: 10/12/2022



REQUEST FOR EXTENSION OF TIME

PROJECT: HARRIS COUNTY MUD NO. 109

OWNER: HARRIS COUNTY MUD NO. 109

ATTENTION: DON WILLIAMS

JOB NUMBER: 7439-00

We request extension of completion time on our Contract in the amount of **3** Calendar Days specified as follows:

Month: December 1 - 31, 2021

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Reasons for Request: JOB SITE TOO WET TO WORK

SCHIER CONSTRUCTION CO., INC.
(Contractor)

By: *James F. Schier*

_____ Recommend approval for extension of _____ calendar days.

_____ Recommend disapproval. (See following comments)

By: _____

Date: _____

The items & quantity that would be reimbursed by MUD # 109 as per Summary of Utility Quantities Sheet 31 for CSJ 1685-04-058

Line No.	Item Number	Item Description	Unit	QTY	Old Unit Price	New Price	Escalated Price = New - Old	TOTAL	MUD # 109's Share (79.29 %)
1821	70176088	AIR RELEASE VALVE (2 IN)	EA	3	\$ 12,800.00	\$15,295.14	\$ 2,495.14	\$ 7,485.42	\$ 5,935.19
1841	70176141	SAN SEWER (8IN) (DI) (RESTRAINED JT)	LF	3,360	\$ 85.00	\$ 102.22	\$ 17.22	\$ 57,859.20	\$ 45,876.56
1861	70496017	WATER MAIN PIPE (PVC)(12IN)(DR18)(C900)	LF	922	\$ 58.30	\$ 80.54	\$ 22.24	\$ 20,505.28	\$ 16,258.64
1911	70496076	SERVICE LINE (SHORT SIDE) (1-1/2TO 2)	EA	4	\$ 1,260.00	\$ 1,590.83	\$ 330.83	\$ 1,323.32	\$ 1,049.26
1916	70496077	SERVICE LINE (LONG SIDE) (1-1/2TO 2)	EA	3	\$ 2,280.00	\$ 3,178.51	\$ 898.51	\$ 2,695.53	\$ 2,137.29
1931	70496104	FIRE HYDRANT ASSEMBLY	EA	10	\$ 3,385.00	\$ 3,974.57	\$ 589.57	\$ 5,895.70	\$ 4,674.70
1971	70496127	CUT AND PLUG WATER MAIN (8IN)	EA	2	\$ 290.00	\$ 366.94	\$ 76.94	\$ 153.88	\$ 122.01
1976	70496129	CUT AND PLUG WATER MAIN (12IN)	EA	2	\$ 410.00	\$ 535.95	\$ 125.95	\$ 251.90	\$ 199.73
1981	70496140	WET CONNECTION (8IN)	EA	2	\$ 550.00	\$ 670.54	\$ 120.54	\$ 241.08	\$ 191.15
1986	70496142	WET CONNECTION (12IN)	EA	3	\$ 900.00	\$ 1,135.51	\$ 235.51	\$ 706.53	\$ 560.21
2006	70496185	CASING STEEL (16 IN)	LF	135	\$ 107.00	\$ 143.21	\$ 36.21	\$ 4,888.35	\$ 3,875.97
2016	70496200	WTR MAIN PIPE(PVC)(6 IN)(DR 18) (C900)	LF	130	\$ 22.75	\$ 27.32	\$ 4.57	\$ 594.10	\$ 471.06
2021	70496201	WTR MAIN PIPE(PVC)(8 IN)(DR 18) (C900)	LF	2,452	\$ 36.00	\$ 46.03	\$ 10.03	\$ 24,593.56	\$ 19,500.23
2026	70496213	BLOW OFF VALVE (2IN)	EA	2	\$ 1,250.00	\$ 1,650.98	\$ 400.98	\$ 801.96	\$ 635.87

MUD # 109's share in total price of contract line items that got escalated in prices in CO # 3

\$ 127,995.81 \$ 101,487.88

Contingency Percentage :	1.99	\$ 2,019.61
Engineering Percentage :	4.96	\$ 5,033.80
Total Funding from Muncipal Urban Development # 109 to TXDOT towards change order # 3 - PVC Price Escalation		\$ 108,541.29



MEMO

December 9, 2021

To: Adam C. Galland, P.E.
Director of Construction

From: Phillip B. Garlin, P.E.
North Harris Area Engineer

Subject: Project: C 1685-3-58
Control: 1685-03-058
Highway: FM 1960
County: Harris
Change Order: 3

DocuSigned by:

Phillip B. Garlin, P.E.

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Submitted with this memorandum for your review and further handling is the Form CO covering Change Order Request No. 3 to the above referenced project. The subject change order will adjust the price of four (4) existing bid items under the Construction Project CSJ: 1685-03-058 and 34 existing bid items under the Right-of-Way (ROW) Project CSJ: 1685-03-097.

The project plans call for the construction of widening of a non-freeway facility from 4 lanes to 6 lanes divided with curb and gutter, channelized left turn lanes, and 5-foot sidewalk on both sides of roadway, consisting of grading, subgrade stabilization, cement treated base, asphalt stabilized base, Continuous Reinforced Concrete Pavement (CRCP), inlets, storm sewer, structures, signing, signals, pavement markings, Computerized Transportation Management System (CTMS), Storm Water Pollution Prevention Plan (SWP3), traffic control, etc. The net roadway length is 20,895.00 feet (3.957 miles) and 100.00 feet (0.019 mile) of bridge length on FM 1960 from BF 1960A to East of Twigsworth Lane.

The Authorization to Begin Work was issued to Angel Brothers Holdings Corporation (Contractor) on August 20, 2020. However, due to ongoing utility adjustments in the field, the Contractor has not been able to progress with the work as proposed in the Contract. A total of 10 Time Suspension requests have been submitted by the Contractor and approved by the North Harris Area Office (NHAO) during this time. Since the project has been delayed, there has been a rise in material costs; therefore, the Contractor submitted a request for change order to adjust the price of existing bid items to meet the escalated costs.

On April 12, 2021, the Contractor sent a letter to the NHAO regarding the material escalation for utility items on the referenced project. Following the letter and conversation with the NHAO Area Engineer, the Contractor explained that between the time the project was let and the work began, there was a drastic increase in material pricing. This is mostly due to the resin shortage for PVC material as you will see in the attached documents, along with other material increases due to the time frame in question. The Contractor was informed by their vendor that the resin shortage will not be going away soon, and the materials will continue to escalate due to demand and supply shortage. Since the project was let and current date, the price has escalated by plus or minus (+/-) 50% of the

original value. The NHAO and the Contractor reached an agreement to submit one (1) change order request for the PVC escalation cost and in turn purchase the materials as Material on Hand (MOH) to avoid additional escalation charges in the future. This would require the Contractor to purchase and store the materials at their yard until such time that the materials are needed on the project.

This change order is to reimburse the Contractor for purchasing the PVC materials at the escalated costs caused by project delays they have encountered which is beyond their control. The NHAO conducted an enquiry on the prices charged by other Contractor's for similar items and it was found that the proposed prices were reasonable in comparison. Therefore, the NHAO deems the added costs to be fair and reasonable due to year long delay in starting the project.

The unit price for the following four (4) existing bid items will be adjusted to the Contract on a new line:

Line No.	Item No.	Description	Unit	Quantity	Price	Total
0660	0481-6013	PIPE (PVC) (SCH 40) (6 IN)	LF	-82.00	\$19.50	-\$1,599.00
0661	0481-6013	New Line with Escalated Unit Price	LF	82.00	\$25.93	\$2,126.26
0665	0481-6014	PIPE (PVC) (SCH 40) (8 IN)	LF	-234.00	\$23.00	-\$5,382.00
0666	0481-6014	New Line with Escalated Unit Price	LF	234.00	\$32.59	\$7,626.06
0670	0481-6015	PIPE (PVC) (SCH 40) (10 IN)	LF	-29.00	\$27.00	-\$783.00
0671	0481-6015	New Line with Escalated Unit Price	LF	29.00	\$37.61	\$1,090.69
0675	0481-6016	PIPE (PVC) (SCH 40) (12 IN)	LF	-67.00	\$29.00	-\$1,943.00
0676	0481-6016	New Line with Escalated Unit Price	LF	67.00	\$43.10	\$2,887.70
Total Cost for Adjusted Items on CSJ: 1685-03-058						\$4,023.71

The unit price for the following 34 existing bid items will be adjusted to the Contract on a new line:

Line No.	Item No.	Description	Unit	Quantity	Price	Total
1820	7017-6088	AIR RELEASE VALVE (2 IN)	EA	-3.00	\$12,800.00	-\$38,400.00
1821	7017-6088	New Line with Escalated Unit Price	EA	3.00	\$15,295.14	\$45,885.42
1840	7017-6141	SAN SEWER (8IN)(DI)(RESTRAINED JT)	LF	-3,360.00	\$85.00	\$285,600.00
1841	7017-6141	New Line with Escalated Unit Price	LF	3,360.00	\$102.22	\$343,459.20
1845	7049-6002	WATER MAIN PIPE (PVC)(2IN)	LF	-6,980.00	\$15.25	\$106,445.00
1846	7049-6002	New Line with Escalated Unit Price	LF	6,980.00	\$16.36	\$114,192.80
1850	7049-6012	WATER MAIN PIPE (PVC)(8IN)(C-900)	LF	-7,131.00	\$32.00	\$228,192.00
1851	7049-6012	New Line with Escalated Unit Price	LF	7,131.00	\$41.02	\$292,513.62
1855	7049-6014	WATER MAIN PIPE (PVC)(12IN)(C-900)	LF	-7,143.00	\$48.00	\$342,864.00
1856	7049-6014	New Line with Escalated Unit Price	LF	7,143.00	\$65.83	\$470,223.69

Line No.	Item No.	Description	Unit	Quantity	Price	Total
1860	7049-6017	WATER MAIN PIPE (PVC)(12IN)(DR18) (C900)	LF	-922.00	\$58.30	-\$53,752.60
1861	7049-6017	New Line with Escalated Unit Price	LF	922.00	\$80.54	\$74,257.88
1865	7049-6020	WTR MAIN PIPE (PVC)(RESTRAINED JT) 8IN	LF	-385.00	\$69.00	-\$26,565.00
1866	7049-6020	New Line with Escalated Unit Price	LF	385.00	\$89.05	\$34,284.25
1870	7049-6021	WTR MAIN PIPE (PVC)(RESTRAINED JT) 12IN	LF	-160.00	\$87.00	-\$13,920.00
1871	7049-6021	New Line with Escalated Unit Price	LF	160.00	\$110.73	\$17,716.80
1875	7049-6029	WATER MAIN PIPE (STL) (12IN)	LF	-140.00	\$245.00	-\$34,300.00
1876	7049-6029	New Line with Escalated Unit Price	LF	140.00	\$270.67	\$37,893.80
1880	7049-6042	CASING STEEL (12IN)	LF	-215.00	\$108.00	-\$23,220.00
1881	7049-6042	New Line with Escalated Unit Price	LF	215.00	\$147.28	\$31,665.20
1885	7049-6045	CASING STEEL (18IN)	LF	-245.00	\$131.00	-\$32,095.00
1886	7049-6045	New Line with Escalated Unit Price	LF	245.00	\$178.91	\$43,832.95
1890	7049-6046	CASING STEEL (20IN)	LF	-62.00	\$216.00	-\$13,392.00
1891	7049-6046	New Line with Escalated Unit Price	LF	62.00	\$239.19	\$14,829.78
1895	7049-6052	FIRE HYDRANT BRANCH (LEAD) (6IN)	LF	-330.00	\$23.00	-\$7,590.00
1896	7049-6052	New Line with Escalated Unit Price	LF	330.00	\$27.57	\$9,098.10
1905	7049-6074	SERVICE LINE (SHORT SIDE)(5/8 TO 1)	EA	-70.00	\$760.00	-\$53,200.00
1906	7049-6074	New Line with Escalated Unit Price	EA	70.00	\$890.43	\$62,330.10
1910	7049-6076	SERVICE LINE (SHORT SIDE)(1-1/2 TO 2)	EA	-68.00	\$1,260.00	-\$85,680.00
1911	7049-6076	New Line with Escalated Unit Price	EA	68.00	\$1,590.83	\$108,176.44
1915	7049-6077	SERVICE LINE (LONG SIDE)(1-1/2 TO 2)	EA	-3.00	\$2,280.00	-\$6,840.00
1916	7049-6077	New Line with Escalated Unit Price	EA	3.00	\$3,178.51	\$9,535.53
1920	7049-6083	TAPPING SLEEVE AND VALVE (8IN X 8IN)	EA	-6.00	\$5,860.00	-\$35,160.00
1921	7049-6083	New Line with Escalated Unit Price	EA	6.00	\$6,266.07	\$37,596.42
1925	7049-6090	TAPPING SLEEVE AND VALVE (12IN X 12IN)	EA	-2.00	\$10,152.00	-\$20,304.00
1926	7049-6090	New Line with Escalated Unit Price	EA	2.00	\$10,787.85	\$21,575.70
1930	7049-6104	FIRE HYDRANT ASSEMBLY	EA	-53.00	\$3,385.00	\$179,405.00
1931	7049-6104	New Line with Escalated Unit Price	EA	53.00	\$3,974.57	\$210,652.21
1935	7049-6106	AIR RELEASE/VACUUM RELEASE VALVE (2IN)	EA	-1.00	\$2,660.00	-\$2,660.00
1936	7049-6106	New Line with Escalated Unit Price	EA	1.00	\$3,082.15	\$3,082.15
1965	7049-6126	CUT AND PLUG WATER MAIN (6IN)	EA	-4.00	\$240.00	-\$960.00
1966	7049-6126	New Line with Escalated Unit Price	EA	4.00	\$295.11	\$1,180.44

Line No.	Item No.	Description	Unit	Quantity	Price	Total
1970	7049-6127	CUT AND PLUG WATER MAIN (8IN)	EA	-9.00	\$290.00	-\$2,610.00
1971	7049-6127	New Line with Escalated Unit Price	EA	9.00	\$366.94	\$3,302.46
1975	7049-6129	CUT AND PLUG WATER MAIN (12IN)	EA	-14.00	\$410.00	-\$5,740.00
1976	7049-6129	New Line with Escalated Unit Price	EA	14.00	\$535.95	\$7,503.30
1980	7049-6140	WET CONNECTION (8IN)	EA	-8.00	\$550.00	-\$4,400.00
1981	7049-6140	New Line with Escalated Unit Price	EA	8.00	\$670.54	\$5,364.32
1985	7049-6142	WET CONNECTION (12IN)	EA	-15.00	\$900.00	-\$13,500.00
1986	7049-6142	New Line with Escalated Unit Price	EA	15.00	\$1,135.51	\$17,032.65
1995	7049-6166	WTR (RESTRAINED JOINT) (DI) 8	LF	-545.00	\$79.00	-\$43,055.00
1996	7049-6166	New Line with Escalated Unit Price	LF	545.00	\$97.54	\$53,159.30
2005	7049-6185	CASING STEEL (16 IN)	LF	-135.00	\$107.00	-\$14,445.00
2006	7049-6185	New Line with Escalated Unit Price	LF	135.00	\$143.21	\$19,333.35
2010	7049-6189	WATER MAIN PIPE (DI)(12IN)(RESTR JT)	LF	-905.00	\$133.00	-\$120,365.00
2011	7049-6189	New Line with Escalated Unit Price	LF	905.00	\$171.35	\$155,071.75
2015	7049-6200	WTR MAIN PIPE(PVC)(6 IN)(DR 18)(C900)	LF	-130.00	\$22.75	-\$2,957.50
2016	7049-6200	New Line with Escalated Unit Price	LF	130.00	\$27.32	\$3,551.60
2020	7049-6201	WTR MAIN PIPE(PVC)(8 IN)(DR 18)(C900)	LF	-2,452.00	\$36.00	-\$88,272.00
2021	7049-6201	New Line with Escalated Unit Price	LF	2,452.00	\$46.03	\$112,865.56
2025	7049-6213	BLOW OFF VALVE (2IN)	EA	-2.00	\$1,250.00	-\$2,500.00
2026	7049-6213	New Line with Escalated Unit Price	EA	2.00	\$1,650.98	\$3,301.96
2035	7049-6221	AIR RELEASE/VACUUM RELEASE (1IN)	EA	-3.00	\$8,325.00	-\$24,975.00
2036	7049-6221	New Line with Escalated Unit Price	EA	3.00	\$9,662.71	\$28,988.13
2040	7049-6222	SERVICE LINE(EXTRA LONG SIDE)(5/8-1)	EA	-24.00	\$1,525.00	-\$36,600.00
2041	7049-6222	New Line with Escalated Unit Price	EA	24.00	\$2,100.84	\$50,420.16
2045	7049-6223	SERVICE LINE(EXT LONG SIDE)(1-1/2-2)	EA	-24.00	\$2,500.00	-\$60,000.00
2046	7049-6223	New Line with Escalated Unit Price	EA	24.00	\$3,909.71	\$93,833.04
Total Cost for Adjusted Items on CSJ: 1686-03-097						\$527,745.96

The revisions covered by this change order do not require revisions to the original environmental clearances or approval by the Texas Department of Licensing and Regulation (TDLR). The revisions covered by this change order are estimated to result in an overrun of the funds authorized for the project in the amount of \$531,769.67. In addition, this change order is associated with four (4) third-party (local government) amounts per the agreed upon, executed Advance Funding Agreements (AFA's) as follows:

City of Houston (COH) executed AFA dated November 15, 2021

- 100% non-reimbursable = \$255,876.09
 - + 4.96% Engineering (\$12,694.45) + 1.99% Contingency (\$5,091.94)
 - Total = \$273,659.48

City of Humble executed AFA dated July 30, 2020

- 100% non-reimbursable = \$41,855.72
 - + 4.96% Engineering (\$2,076.04) + 1.99% Contingency (\$832.93)
 - Total = \$44,764.69

Harris County Municipal Utility District (MUD) 46 executed AFA dated April 15, 2020

- 8.32% non-reimbursable = \$7,966.47
 - + 4.96% Engineering (\$395.14) + 1.99% Contingency (\$158.53)
 - Total = \$8,520.14

Harris County Municipal Utility District (MUD) 109 executed AFA dated April 30, 2020

- 79.29% non-reimbursable = \$101,487.88
 - + 4.96% Engineering (\$5,033.80) + 1.99% Contingency (\$2,019.61)
 - Total = \$108,541.29

The total change order amount for this project has not exceeded 10% of the original Contract amount; however, this change order exceeds \$50,000.00 and will require District Engineer approval. This change order has been approved by the NHAO.

If you have any questions, please contact me at (281) 319-6408.

CP:pbg
Attachments

The items & quantity that would be reimbursed by MUD # 109 as per Summary of Utility Quantities Sheet 31 for CSJ 1685-04-058

Line No.	Item Number	Item Description	Unit	QTY	Old Unit Price	New Price	Escalated Price = New - Old	TOTAL	MUD # 109's Share (79.29 %)
1821	70176088	AIR RELEASE VALVE (2 IN)	EA	3	\$ 12,800.00	\$15,295.14	\$ 2,495.14	\$ 7,485.42	\$ 5,935.19
1841	70176141	SAN SEWER (8IN) (DI) (RESTRAINED JT)	LF	3,360	\$ 85.00	\$ 102.22	\$ 17.22	\$ 57,859.20	\$ 45,876.56
1861	70496017	WATER MAIN PIPE (PVC)(12IN)(DR18)(C900)	LF	922	\$ 58.30	\$ 80.54	\$ 22.24	\$ 20,505.28	\$ 16,258.64
1911	70496076	SERVICE LINE (SHORT SIDE) (1-1/2TO 2)	EA	4	\$ 1,260.00	\$ 1,590.83	\$ 330.83	\$ 1,323.32	\$ 1,049.26
1916	70496077	SERVICE LINE (LONG SIDE) (1-1/2TO 2)	EA	3	\$ 2,280.00	\$ 3,178.51	\$ 898.51	\$ 2,695.53	\$ 2,137.29
1931	70496104	FIRE HYDRANT ASSEMBLY	EA	10	\$ 3,385.00	\$ 3,974.57	\$ 589.57	\$ 5,895.70	\$ 4,674.70
1971	70496127	CUT AND PLUG WATER MAIN (8IN)	EA	2	\$ 290.00	\$ 366.94	\$ 76.94	\$ 153.88	\$ 122.01
1976	70496129	CUT AND PLUG WATER MAIN (12IN)	EA	2	\$ 410.00	\$ 535.95	\$ 125.95	\$ 251.90	\$ 199.73
1981	70496140	WET CONNECTION (8IN)	EA	2	\$ 550.00	\$ 670.54	\$ 120.54	\$ 241.08	\$ 191.15
1986	70496142	WET CONNECTION (12IN)	EA	3	\$ 900.00	\$ 1,135.51	\$ 235.51	\$ 706.53	\$ 560.21
2006	70496185	CASING STEEL (16 IN)	LF	135	\$ 107.00	\$ 143.21	\$ 36.21	\$ 4,888.35	\$ 3,875.97
2016	70496200	WTR MAIN PIPE(PVC)(6 IN)(DR 18) (C900)	LF	130	\$ 22.75	\$ 27.32	\$ 4.57	\$ 594.10	\$ 471.06
2021	70496201	WTR MAIN PIPE(PVC)(8 IN)(DR 18) (C900)	LF	2,452	\$ 36.00	\$ 46.03	\$ 10.03	\$ 24,593.56	\$ 19,500.23
2026	70496213	BLOW OFF VALVE (2IN)	EA	2	\$ 1,250.00	\$ 1,650.98	\$ 400.98	\$ 801.96	\$ 635.87

MUD # 109's share in total price of contract line items that got escalated in prices in CO # 3

\$ 127,995.81 \$ 101,487.88

Contingency Percentage :	1.99	\$ 2,019.61
Engineering Percentage :	4.96	\$ 5,033.80
Total Funding from Muncipal Urban Development # 109 to TXDOT towards change order # 3 - PVC Price Escalation		\$ 108,541.29

CHANGE ORDER REQUEST
 (one form per change order)

To process a change order, contractor must complete a narrative to justify reimbursement, complete the following

Contractor: Angel Brothers Holdings
 Control: 1685-03-058
 Highway: FM 1960 (West Section)
 County: Harris
 Subject: RFCO #1 PVC Escalation R1

CO DIRECTED BY		
TXDOT		Yes
Contractor		Yes
Other		
Backup Docs	Yes	No

NARRATIVE

The attached RFCO is in reference to the Force Majeure letter sent to the department on 04-12-2021 regarding the material escalation for utility items on the referenced project. Following both the letter and conversations with the assistant AE overseeing the project it was requested that Angel Brothers submit the attached RFCO and backup documentation for the escalation. As stated in both the letter and in the referenced conversation, Angel Brothers explained to the department that between the time that the project was let and current there has been a drastic increase in material pricing. This is mostly due to the resin shortage for PVC materials as you will see in the attached documents, along with other material increases due to the time frame in question. Angel Brothers explained to the department that its vendor has informed them that the resin shortage will not be going away soon, and the materials will continue to escalate for some time. As the overall price of the materials between bid time and current has escalated by +/- 50% of the original value, TxDot and Angel Brothers reached a possible conclusion to mitigate the overall impact and avoid additional escalation CO's throughout the project. It was determined that Angel Brothers could submit one RFCO for the escalation to be executed and in turn purchase the materials as MOH. This would constitute that Angel Brothers store the materials at their yard until such time that they are needed on the project at which time the materials would be shipped from Angel Brothers yard to the project. At the departments request, this will be addressed under seperate cover via an additoanl RFCO.



Taylor Welch
Sales Manager
Ferguson Waterworks
15711 Eastex Freeway
Humble, TX 77396
T: (832) 995-4123

April 1, 2021

TO: Utility Contractor/Engineer/Owner

Subject: PVC pipe availability

PVC pipe manufacturers are experiencing much longer lead times on pipe than what our market is accustomed to. In some instances, orders are 8-10 weeks out for standard pipe sizes.

We wanted to consolidate some of the letters sent out over the past month, and formally make everyone aware of the potential delays in PVC pipe delivery. Pricing in some circumstances is unknown until the pipe becomes available.

Should you have any questions, please reach out to your Ferguson Waterworks representative.

15711 Eastex Freeway Humble, TX 77396 Phone: 713-675-2211 Fax: 281-441-2823

All Information enclosed is strictly confidential



March 18, 2021

PVC/ABS Market Impacts from Resin Shortage

Dear Ferguson customer,

PVC/ABS resin companies continue to recover from the extensive damage inflicted upon the Gulf Coast last month by Winter Storm Uri. Freezing temperatures and extended power outages damaged various industrial facilities, causing numerous manufacturing delays. This damage has exacerbated issues that resin manufacturers were still experiencing from 2 hurricanes that passed through the region in 2020. The combined impact of these natural events extends a period of reduced production capacity well into the summer.

PVC/ABS resin availability has become extremely limited due to reduced production capacities. Current market demand for pipe and fitting resin continues to exceed the production capabilities of the resin manufacturers. **Due to these conditions, manufacturers are allocating resin to their customer base at approximately 60% of the normal volumes.**

As a result of these resin allocations, pipe and fitting producers have begun to allocate PVC/ABS pipe and fittings to their wholesale and retail customer base. These announced allocations have led to an industry wide spike in buying activity that has further stressed available inventories in all markets across the U.S.

Actions taken by Ferguson

To ensure consistent supply of PVC/ABS pipe and fitting products, Ferguson will continue to closely monitor the PVC/ABS market and work proactively with our vendor partners to minimize any negative impacts resulting from these allocations, including mitigating extended lead times for all Ferguson customers. We will continue to take steps to ensure we secure all available inventory of PVC/ABS fittings within the U.S. markets and maximize product availability for our customers.

Please reach out to your local Ferguson sales professional with additional questions or any other supply needs you may have.

Thanks,

Chip Devine
Senior Vice President – Sales

Jim Golini
Vice President - Residential Trade

DIAMOND  **PLASTICS®**
C O R P O R A T I O N

Corporate Headquarters: 1212 Johnstown Rd. • P.O. Box 1608 • Grand Island, NE 68802-1608
800-PVC-PIPE • 800/782-7473 • www.dpcpipe.com

March 12, 2021

TO: All Municipal PVC Pipe Customers

FROM: D. Bauer, S. Yentes

SUBJECT: PVC Pipe Price Increase

The situation with resin and other raw materials continues to be very unstable. Our ability to accurately forecast incoming raw material deliveries is cloudy at best. This instability, as well as the continuing cost increases, requires we increase pipe prices.

Effective immediately our PVC Pipe pricing is as follows:

Immediate Shipments
(Immediate release subject to availability)

Block 150

Standard Quotations

Block 160

Current orders will be honored within terms, subject to availability. Orders with expired terms will be repriced.

We realize this is a very difficult situation. If you have any questions, please contact your local Diamond Plastics' representative.

Celebrating Over 30 Years of Excellence

Manufacturing Locations:

Grand Island, Nebraska - Lubbock, Texas - Macon, Georgia - Muncie, Indiana
Golconda, Nevada - Plaquemine, Louisiana - Casa Grande, Arizona

DIAMOND  **PLASTICS®**
C O R P O R A T I O N

Corporate Headquarters: 1212 Johnstown Rd. • P.O. Box 1608 • Grand Island, NE 68802-1608
800-PVC-PIPE • 800/782-7473 • www.dpcpipe.com

March 23, 2021

TO: All Municipal PVC Pipe Customers

FROM: D. Bauer, S. Yentes

SUBJECT: PVC Pipe Price Increase

Due to market conditions and the continuing increased cost of resin, we are implementing a price increase.

Effective immediately our PVC Pipe pricing is as follows:

Immediate Shipments
(Immediate release subject to availability)

Block 160

Standard Quotations

Block 170

Current orders will be honored within terms, subject to availability. Orders with expired terms will be repriced.

We realize this is a very difficult situation. If you have any questions, please contact your local Diamond Plastics' representative.

Celebrating Over 30 Years of Excellence

Manufacturing Locations:

Grand Island, Nebraska - Lubbock, Texas - Macon, Georgia - Muncie, Indiana
Golconda, Nevada - Plaquemine, Louisiana - Casa Grande, Arizona

DIAMOND  **PLASTICS®**
C O R P O R A T I O N

Corporate Headquarters: 1212 Johnstown Rd. • P.O. Box 1608 • Grand Island, NE 68802-1608
800-PVC-PIPE • 800/782-7473 • www.dpcpipe.com

March 29, 2021

TO: All Municipal PVC Pipe Customers

FROM: D. Bauer, S. Yentes

SUBJECT: PVC Pipe Price Increase

Raw material costs continue to rise so we must increase our current block numbers to the following:

Effective immediately our PVC Pipe pricing is as follows:

Immediate Shipments
(Immediate release subject to availability)

Block 175

Standard Quotations

Block 185

Current orders will be honored within terms, subject to availability. Orders with expired terms will be repriced.

This continues to be a very difficult situation. If you have any questions, please contact your local Diamond Plastics' representative. We appreciate your business and look forward to continuing to serve your PVC pipe needs.

Celebrating Over 30 Years of Excellence

Manufacturing Locations:

Grand Island, Nebraska - Lubbock, Texas - Macon, Georgia - Muncie, Indiana
Golconda, Nevada - Plaquemine, Louisiana - Casa Grande, Arizona



NAPCO, a Westlake company
2801 Post Oak Blvd., Suite 600, Houston, Texas 77056
Tel: 713.840.7473, Fax: 713.552.0087

Date: March 11, 2021
To: All Municipal Customers
From: Brent Wetmore, Vice President - Sales
Subject: PVC Pipe Prices – Municipal Products

The volume of municipal orders we are receiving is a reflection of the positive construction market across the country.

NAPCO is committed to being able to both quote future project requirements and accept your orders during this busy time.

Unfortunately, as the backlog increases and the delivery lead times increase, we must protect ourselves against the continuing volatility of raw materials.

Effective immediately we must increase our current Block numbers to the following:

Immediate Shipments
(immediate release subject to availability)

Block 150

Standard Quotations 30/60

Block 160

All current orders and quotes will be honored within terms and are subject to our ability to ship. Orders and quotes with expired terms will be re-priced.

If you have any questions regarding product availability or this price increase, please contact your local North American Pipe sales representative.

We appreciate your business and look forward to continuing to serve your PVC pipe needs.



NAPCO, a Westlake company
2801 Post Oak Blvd., Suite 600, Houston, Texas 77056
Tel: 713.840.7473, Fax: 713.552.0087

Date: March 16, 2021

To: All Municipal Customers

From: Brent Wetmore, Vice President - Sales

Subject: PVC Pipe Prices – Municipal Products

NAPCO thanks you for your continued support. We value your business and are committed to being able to both quote your future projects and accept new orders during this very busy time.

Unfortunately, our increasing backlog is pushing out both our production schedule and our delivery dates. In order to protect ourselves against rising raw material costs, we must increase our current block numbers to the following:

Immediate Shipments **Block 160**
(immediate release subject to availability)

Standard Quotations 30/60 **Block 170**

All current orders and quotes will be honored within terms and are subject to our ability to ship. Orders and quotes with expired terms will be re-priced.

If you have any questions regarding product availability or this price increase, please contact your local North American Pipe sales representative.

We appreciate your business and look forward to continuing to serve your PVC pipe needs.



NAPCO, a Westlake company
2801 Post Oak Blvd., Suite 600, Houston, Texas 77056
Tel: 713.840.7473, Fax: 713.552.0087

Date: March 29,2021

To: All Municipal Customers
From: Brent Wetmore, Vice President - Sales
Subject: PVC Pipe Prices – Municipal Products

NAPCO thanks you for your continued support. We value your business and are committed to being able to both quote your future projects and accept new orders during this very busy time.

Unfortunately, our increasing backlog is pushing out both our production schedule and our delivery dates. In order to protect ourselves against rising raw material costs, we must increase our current block numbers to the following:

Immediate Shipments
(immediate release subject to availability)

Block 175

Standard Quotations 30/60

Block 185

All current orders and quotes will be honored within terms and are subject to our ability to ship. Orders and quotes with expired terms will be re-priced.

If you have any questions regarding product availability or this price increase, please contact your local North American Pipe sales representative.

We appreciate your business and look forward to continuing to serve your PVC pipe needs.



NAPCO, a Westlake company
2801 Post Oak Blvd., Suite 600 ■ Houston, Texas 77056
Tel 713.840.7473 ■ Fax 713.552.0087

Date: March 24, 2021

To: All Municipal Customers

From: Brent Wetmore – Vice President, Sales

Subject: Municipal Specialty Price Increase

Effective April 1st, 2021 NAPCO Pipe & Fittings will implement an 10% price increase on all C900 RJ, RJIB, Yelomine, Certa-Com and Certa-Flo products. This includes all pipe, couplings, fittings and accessories.

All current orders and quotes will be honored within terms and are subject to our ability to ship. Orders and quotes with expired terms will be re-priced.

Should you have any questions about availability or this increase, please contact your local NAPCO Pipe & Fittings sales representative.

We appreciate your business and look forward to continuing to service you PVC Pipe Needs.

Resin market recovery could linger through first half of 2021

By Frank Esposito
Plastics News Staff

Resin suppliers are facing some harsh realities in the wake of Winter Storm Uri, which hit Texas in mid-February.

The storm affected the production of almost every resin and feedstock made on the Texas Gulf Coast. Electricity and natural gas were knocked out at some sites for 48 hours or more. And even though many are up and running now, getting back to pre-storm production may take longer than expected, according to market sources interviewed by *Plastics News*.

These conditions are expected to make it difficult for resin buyers to source many resins, possibly through the first half of 2021. A resin distributor in the southern U.S. told *PN* that his firm was offered 10 truckloads of polypropylene resin last week, but before they could buy them, a compounding firm bought the material for a higher price.

"We're hearing you can only get spot material if you're willing to pay 50 percent more," he said. "This isn't going to get better overnight."

ExxonMobil Chemical has begun restarting activities in Beaumont, Texas, and is preparing to restart at Baytown, a company spokesman told *PN*. The firm "is working to reestablish normal operations and replenish fuel supplies as safely and quickly as possible following the extreme weather in Texas," he said.

ExxonMobil had closed those locations in advance of the cold weather. The firm makes polyethylene resin and ethylene feedstock at both sites, as well as PP resin in Baytown and propylene feedstock in Beaumont.

A spokesman for resin maker Dow Inc. of Midland, Mich., said in a March 4 email that although it's too early for Dow to estimate potential impact on its businesses, officials in the near-term "expect the product and supply chain impacts across the industry to

See **Resin**, Page 19

Resin

Continued from Page 1

create very tight supply balances across our key value chains."

"We are prioritizing startups for impacted operations based on raw material availability and utility balances," the spokesman added.

Chevalier Gray, media relations manager with LyondellBasell Industries in Houston, said in an email that power has been restored to the firm's U.S. Gulf Coast asset locations and personnel are performing storm-related repairs.

"When repairs are complete and raw materials and utilities become available, we will safely resume operations," she said.

On a Feb. 23 conference call with analysts, Albert Chao, president and CEO of Houston-based resin maker Westlake Chemical Corp., commented on post-ice challenges that his firm could be facing.

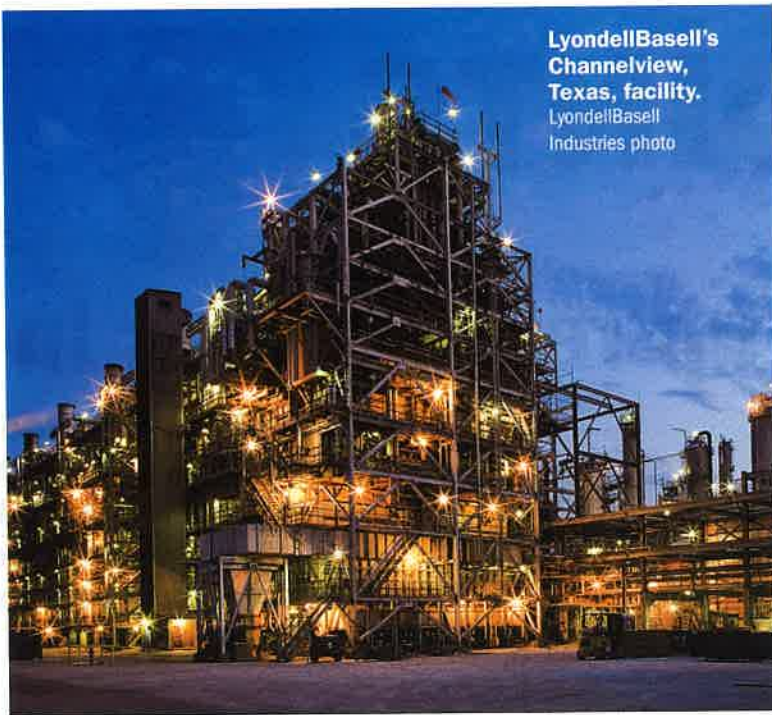
"With a hard crash hurricane, you know it's coming, you prepare and you shut [plants] down orderly," he said. "But with a freeze, sometimes you're caught off guard, your boilers get tripped and you're out of steam and the plants come crashing down."

MAPP seeks to help molders access resin

Resin distribution veterans Bruce Flannery and Jeff Schultz of resin distributor Amco Polymers covered many areas of the resin shortage on a March 2 webinar hosted by the Manufacturers Association for Plastics Processors. Flannery is commodities product director and Schultz is engineering thermoplastics product director for Orlando, Fla.-based Amco.

Flannery and Schultz estimated that as of Feb. 28, North American PE and PP resin production was running at a combined operating rate of only 12 percent, compared with its normal 90 percent level. They also estimated that 80 percent of the region's resin makers had customers on some type of allocation.

On March 3, Indianapolis-based



LyondellBasell's
Channelview,
Texas, facility.
LyondellBasell
Industries photo

MAPP announced the launch of a new digital plastics materials exchange platform to its membership to locate and purchase raw material. Officials said the current raw materials crisis and force majeure in the plastics marketplace create an immediate opportunity to identify alternate materials.

"Historically, molders hold excess inventory created by canceled programs, projects with high-volume projections with disappointing results and custom resins that can't be used elsewhere," they said in a news release. "This creates a window of opportunity for MAPP members to bring these two worlds together."

Members can log in to the MAPP website and post excess or obsolete raw materials to sell or indicate what materials they need. During the webinar, MAPP Executive Director Troy Nix said that the organization has been posting two or three emergency alerts every day from members needing material.

Amco's Flannery explained on the webinar that current resin shortages are the result of a series of events that began last March, when uncertainty tied to the pandemic caused resin

makers to destock. That then left supplies already tight when demand returned more quickly than expected, both in the U.S. and globally.

The situation was worsened by a turbulent hurricane season starting in August, Flannery said, which led to logistics being overwhelmed. But resin demand remained strong, he added, further tightening the market until the ice storm "decimated refinery and chemical operations."

"The state of the market is a dumpster fire," Flannery said. "I've never seen this in 40 years in the industry."

Cracked pipes, joints and valves at resin plants may be difficult to repair, with many firms looking for parts. Flannery said that some ethylene and propylene plants began to operate at reduced rates starting Feb. 28, but he added that "doesn't mean full production."

Schultz said that lead times for deliveries of many resins now are stretching beyond 20 weeks, with lead times for imported resins at 28-30 weeks.

"It's hard to estimate your needs for delivery in August or September," he added. "COVID disrupted historic forecast models. There isn't any unsold resin

and domestic demand from many markets remains strong, including packaging, health care, automotive, and building and construction."

Schultz added that sales at major retailer Home Depot were up 25 percent in the fourth quarter and that U.S. vehicle production in the third and fourth quarters matched year-ago levels, even after seeing a huge pandemic drop in the second quarter of 2020.

Final vehicle build numbers for 2020 now are expected to reach 16 million — just slightly under 2019 — after dropping to a production rate equal to 13 million earlier in 2020. Flannery said that in some cases, production schedules at material plants have changed because of employees contracting COVID. He added that maintenance schedules also have been extended. Truck and shipping traffic also is backed up because of high numbers of orders.

The resin outage amounted to 1.9 billion pounds of lost PE/PP production in the 12-day period starting Feb. 14, according to Flannery. "That production is gone forever," he said. "It's not like you can work Saturday and Sunday and make up for it."

'Not good for our industry'

Although most resin plants should be up and running at some level by mid-March, it could be late in the second quarter before producers can fully meet allocations.

"With a hurricane, you can get a quick read within 24 or 48 hours and know what's affected," Flannery said. "This [ice storm] is like a hurricane hit all of Texas and sat for a week."

"The next two weeks will be critical to recovery," he added.

Potential shortages of PE and PP needed to make packaging and consumer goods, which account for more than half of demand for those resins, could lead to hyper demand, high prices and ongoing allocations.

"That's not good for our industry," Flannery said. "That's the last thing any of us want."

According to Schultz, supplies of many engineering resins — including polycarbonate, ABS, nylons 6 and 6/6, acetal and PBT — should remain tight through the first half of 2021. "We don't know what we'll get or when we'll get it, and prices are moving up," he said.

Flannery and Schultz recommended several action steps for resin buyers, including working with core suppliers and talking with them to ensure credit availability. Processors also should qualify alternate resins and require multiple resin approvals, they said. Providing suppliers with a two- to three-day delivery window also is a good idea.

"Be ready to give long-term commitments and make sure you're getting your allocated amounts," Schultz said. "We're all in this together, but processors need to start being proactive now."

Market analyst Robert Bauman, president of Polymer Consulting International in Ardsley, N.Y., compared the ice storm to Hurricane Harvey, which hit the Gulf Coast in August 2017 and disrupted resin market well into 2018.

"Most of the [resin] plants were operational after a few weeks following the hurricane, exclusive of infrastructure problems," he said in an email to *PN*. "I believe that most people along the supply chain may not realize the severity of a sudden, unexpected power failure."

Bauman added that, in addition to outages in utilities and olefin feedstocks, a sudden power failure could result in the contents of some polymer reactors solidifying.

"This would require a difficult, manual, labor-intensive process to remove the solidified contents of the reactor and repair or replace any instrumentation and controls affected by the freeze," he said.

An East Coast resin distributor told *PN* that the current market is "the worst I've seen in 25 years."

"I've never seen as few offers for polyethylene [resin] as we're seeing now," he said. "Some plants are coming back on, but things might not get back to normal until May."

Q1



AGC
THE CONSTRUCTION
ASSOCIATION

2021

CONSTRUCTION INFLATION ALERT

The construction industry is currently experiencing an unprecedented mix of steeply rising materials prices, snarled supply chains, and staffing difficulties, combined with slumping demand that is keeping many contractors from passing on their added costs. This combination threatens to push some firms out of business and add to the industry's nearly double-digit unemployment rate.

The situation calls for immediate action by federal trade officials to end tariffs and quotas that are adding to price increases and supply shortages. Officials at all levels of government need to identify and remove or lessen any unnecessary or excessive impediments to the importation, domestic production, transport, and delivery of construction materials and products. Project owners need to recognize how much conditions have changed for projects begun or awarded in the early days of the pandemic or before and to consider providing greater flexibility and cost-sharing. Contractors should become even more vigilant about changes in materials costs and expected delivery dates and should communicate the information promptly to current and prospective clients.

This report is intended to provide all parties with better understanding of the current situation, the impact on construction firms and projects, its likely course in the next several months, and possible steps to mitigate the damage. The document will be revised to keep it timely as conditions change. Please send comments and feedback to AGC of America's chief economist, Ken Simonson, ken.simonson@agc.org.

www.agc.org

Rising costs, flat project pricing

Figure 1 illustrates the threat to contractors from fast and steeply rising prices for materials, both for projects that have already been bid or started and for preparing -price or guaranteed-maximum-price bids. The red line shows the change since April 2020 in the price of all materials and services used in nonresidential construction, while the blue line measures the change—or lack of change—in what contractors say they would charge to erect a set of nonresidential buildings. This blue line, essentially a measure of bid prices, has remained virtually stable, rising only 0.5% from April 2020 to February 2021. In contrast, the red line, measuring the cost of contractors' purchases, has soared nearly 13% over the same 10 months.

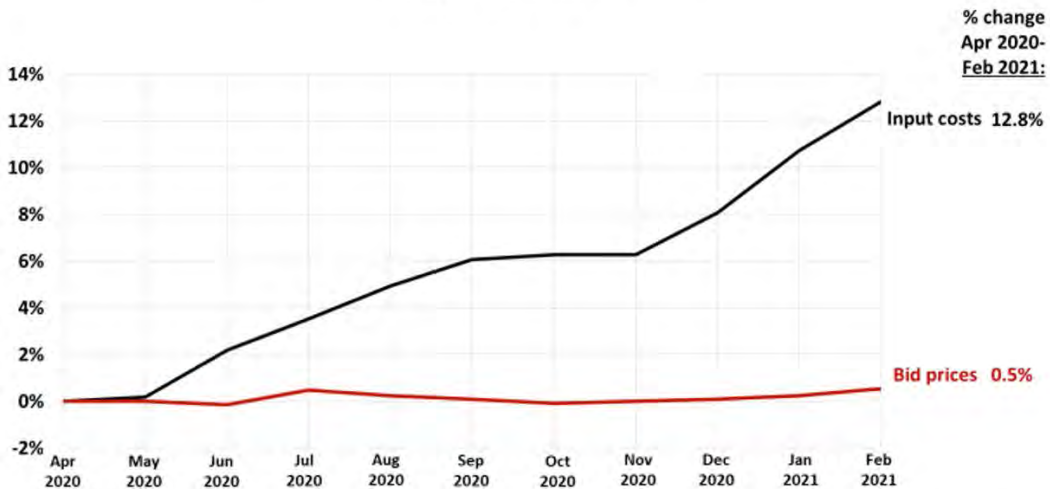
In other words, if a contractor or subcontractor submitted a fixed-price bid in April 2020 based on materials costs at that time but did not buy the materials until February 2021, its cost for the materials would have risen an average of nearly 13%. Given that materials often represent half or more of the cost of a contract, such an increase could easily wipe out the profit from a project and create severe financial hardship for the contractor.

12.8%

Input costs for general contractors have soared nearly 13% from April 2020 to February 2021

FIGURE 1

Change in construction input costs and bid prices
April 2020-February 2021



Source: Bureau of Labor Statistics, producer price indexes (PPIs) for new nonresidential building construction (bid prices) and inputs to nonresidential construction (input costs), not seasonally adjusted

In fact, Figure 1 understates the severity of the current situation for many contractors, in three respects. First, the two lines are calculated from producer price indexes (PPIs) posted monthly by the Bureau of Labor Statistics (BLS). The most recent PPIs are based on prices BLS collected around February 11.

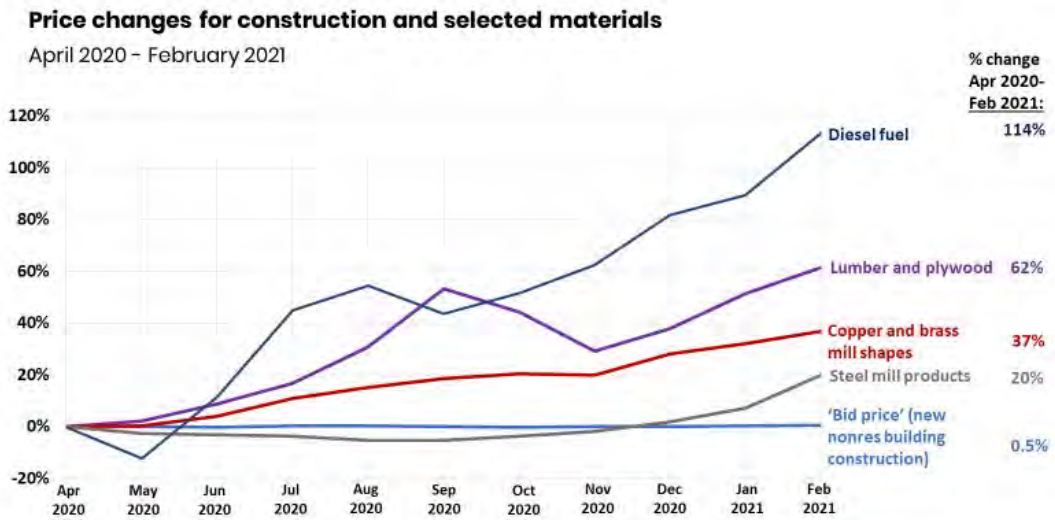
Since then, numerous materials have risen even more steeply in price. For instance, the national average retail price of on-highway diesel fuel climbed from \$2.80 per gallon on February 8 to \$3.19 on March 22, a rise of 14% in just six weeks, according to a weekly truckstop survey posted by the Energy Information Administration. Private price-tracking services have reported similarly steep increases for a variety of steel, lumber, and engineered wood products.

Second, contractors are incurring costs not captured by this measure. Delayed deliveries, higher expenditures for personal protective equipment and other sanitation measures, and shortages of employees or subcontractors' workers on jobsites due to coronavirus impacts are all driving up contractors' costs. In some cases, project completions are being delayed, meaning contractors receive needed payments later and may incur penalties for missed deadlines.

Third, many projects or subcontractors' packages are heavily weighted toward materials that have risen much more in price than the overall PPI for inputs. As Figure 2 shows, the PPI for diesel fuel (at the fuel terminal, not retail) increased 114% between April 2020 and February 2021. The PPI for lumber and plywood jumped 62%. The index for copper and brass mill shapes climbed 37% and the PPI for steel mill products rose 20%.

114%
 Diesel fuel PPI (Producer Price Index) has increased more than 114% between April 2020 to February 2021

FIGURE 2



Source: Bureau of Labor Statistics, producer price indexes (PPIs) for new nonresidential building construction (bid prices), diesel fuel, wood, and metal products, not seasonally adjusted

270%
 Due to extreme weather conditions and general demand, PVC prices have increased over 270% from March 2020 to March 2021

Some broad categories of products have not gone up dramatically, but narrower classes of products within those categories have. For instance, the PPI for plastic construction products rose “only” 6% from March 2020 to January. But an AGC member reported on March 5 that for polyvinyl chloride (PVC) “used in electric utility work the price from [March 2020] to January 2021 had a general increase of 85%.” Following extreme winter weather in Texas that knocked out production facilities and created a surge in demand for pipe to replace broken lines, “Now that increase is 270% from March 2020” to March 4, 2021.

In recent weeks, producers and distributors of many additional materials have announced large price increases. Some have already been imposed, while others are scheduled to take effect in the next few weeks.

For example, a leading producer of spray polyurethane products, used for building sealants and insulation, announced on March 12 that it would increase prices 12-15%, “effective for all new and existing orders shipping after April 12.” On March 4 another supplier

notified customers of two price increases of 10% each, effective on April 5 and May 1. On March 10, a major building-products distributor announced 19 broad categories of price increases, ranging as high as a 20% increase effective on April 5 for “all wallboard and glass mat products.”

In addition to sudden price increases, contractors are experiencing delivery times that have stretched or become completely unreliable. A producer of building mesh told customers on March 15, “Volatility in the costs associated with producing and shipping standard welded wire reinforcement has made it necessary for us to withdraw all previously issued price lists. The availability of SWWR has been negatively impacted by the shortage of raw materials; therefore, lead times previously quoted will require review.”

Not a short-term problem

Some might assume contractors will simply raise their prices to cover the added costs. But current conditions in the industry, as well as the record from previous episodes of escalating materials costs, suggest that the mismatch between materials costs and contractors’ prices is likely to persist for an extended period.

The pandemic has caused current production and delivery of many materials to fall short of demand. Initially, a wide range of factories, mills, and fabrication facilities were shut down on their owners’ initiative or because government orders deemed them to not be “essential.” In some cases, contractors—particularly homebuilders—canceled orders because they no longer saw demand for construction. Once production facilities were allowed to re-open, many of them had trouble getting up to full capacity because their own workers or those of their suppliers and freight haulers may have been ill, quarantined, or required to care for family members at home.

Imported products and components also were subject to production and shipping shutdowns in the early months of the pandemic. This particularly affected many products from China and northern Italy, ranging from kitchen cabinets and appliances to tile flooring to elevators. In recent months, production has increased but containers, ships, port space, and trucking capacity have all experienced bottlenecks that have slowed deliveries.

Dramatic shifts in demand triggered, at least in part, by the pandemic have added to price pressures and shortages of goods. Housing starts have increased between 15% and 20% from year-earlier levels, creating huge additional demand for wood products and other items that are also used in nonresidential construction. Restaurants that added decks and railings for outdoor dining, along with offices and other buildings undergoing remodeling, added to demand for these products.

A more recent source of price increases and extended lead times was the extreme winter weather that struck Texas in February. Widespread, unanticipated power failures and unusual freezing temperatures shut down petrochemical plants that normally operate around the clock. Frozen pipes burst, adding to the damage. Repairing the damage and getting complex facilities back to full operating rates is likely to take several months in some cases.

Loss of this production affects plastic resins and other “building blocks” for a wide range of construction products, including: PVC pipe and other hard plastic products like plumbing fittings

15-20%

Housing starting costs have increased between 15% to 20% from year-earlier levels

and fixtures; vinyl siding and vapor barriers; binders or "glue" for the particles and layers of plywood and oriented strand board (OSB), and adhesives for backing/facing for wallboard. Various types of cardboard, paper, and plastic packaging, tapes, and fasteners, including ones for shipping and protecting construction materials, also depend on resins. The freeze also added to demand for plastic pipe and fittings to replace broken water lines, adding to the demand-supply imbalance.

Yet another cause of higher prices and tighter supply is trade policy actions imposed in 2018-2020. Tariffs or quotas on steel and aluminum from many countries, along with tariffs on hundreds of parts and materials from China, drove up the cost of many construction products and limited the number of suppliers, which has led to longer delivery times. Failure to renew a longstanding softwood lumber agreement with Canada has added to lumber costs.

Although the ostensible purpose of some of the trade actions was to protect and create jobs in the U.S. manufacturing sector, steel in particular, very little capacity has been added so far. Many manufacturers merely raised their prices in tandem with the imposition of tariffs.

PAST EPISODES

12.9%

In the past price inflation, materials costs experienced an annual growth rate increase of 12.9% in September 2008

The construction industry has endured previous spells of rapid cost escalation. For instance, the PPI for goods used in new nonresidential construction accelerated from a 3.6% year-over-year rate of increase in January 2004 to 10.0% by October of that year and remained above a 5% annual rate for a total of 31 months, before subsiding to a 3.2% rate in October 2006.

Less than a year later, materials costs soared again, rising from a 1.6% annual growth rate in August 2007 to 12.9% in September 2008. The financial crisis that fall brought rates down rapidly but, again, only for about a year. The growth rate spiked from 0.4% year-over-year in December 2009 to 5.8% the following April and remained above or close to 5% until early 2012.

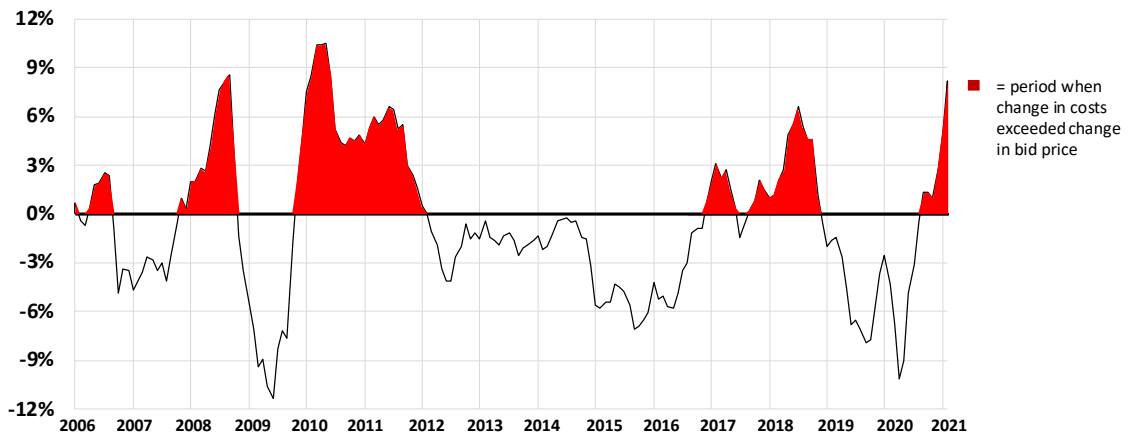
The most recent episode of high materials cost increases was from November 2018 through November 2019, when the year-over-year price change ranged from 4.9% to 9.2%.

While each of these price spikes eventually subsided, they caused enormous harm to contractors, who generally were not able to pass along the increases for an extended period. Not only were firms that had already signed contracts to deliver a project at a fixed price caught by the increases, but competition kept contractors from raising bids to match for a year or longer. A comparison of the year-over-year change in the PPI for materials with the PPIs for five types of new nonresidential buildings shows there were periods as long as 28 consecutive months with such price disparities. That is, contractors' bid prices rose less—or decreased—relative to the cost of the goods they purchased. For the most part, these months coincided with periods in which the value of nonresidential construction was stagnating or shrinking.

Figure 3 shows this comparison for one building type, new warehouse building construction. Periods in which the PPI for goods used in nonresidential construction exceeded the PPI for warehouse contractors' bid prices appear in red. The longer these intervals last and the higher the peak—i.e. the larger the gap between costs and bid prices—the more likely it is that some contractors will have financial difficulties. The current period already has one of the highest peaks.

FIGURE 3

Change in material costs vs. change in warehouse bid prices Jan. 2006 -Feb. 2021
Difference between year-over-year change in costs vs. bid prices



Source: Bureau of Labor Statistics, producer price indexes for goods inputs to nonresidential construction (material costs) and new warehouse construction (bid prices)

CURRENT DEMAND FOR CONSTRUCTION

The construction market currently is marked by a huge disparity. Residential construction spending—comprising new single- and multifamily structures along with additions and renovations to owner-occupied housing—jumped 21% from January 2020 to January 2021. Over the same 12 months, private nonresidential construction spending tumbled 10%.

Employment data show a similar story. Both residential and nonresidential construction employment plunged by 14-15% from February to April 2020. But over the next nine months, through January 2021, employment among residential building and specialty trade contractors rebounded to the same level as in February 2020, immediately before the pandemic struck. In contrast, in those nine months nonresidential building, specialty trade and heavy and civil engineering contractors added back little more than half of the employees they lost between February and April 2020.

AGC has surveyed its members repeatedly since March 2020 to gauge the impact of the pandemic on their businesses. Consistently, and as recently as March 2021, only about one-third of firms reported the volume of their business had matched or exceeded the levels of one year before, while an equal share predicted they would not return to that level for more than six months. The remainder either thought it would take 1-6 months to reach year-ago levels or didn't know. These results, like the spending and employment data, point to a large amount of downward pressure on contractors' ability to pass along material cost increases. (Full survey results are available here: <https://www.agc.org/news/2021/03/11/march-2021-agc-coronavirus-survey-results>.)

21%

Residential construction spending jumped 21% from January 2020 to January 2021

What can contractors and owners do?

While contractors cannot unplug ports or rescind tariffs, they can provide project owners with timely and credible third-party information about changes in relevant material costs and supply-chain snarls that may impact the cost and completion time for a project that is underway or for which a bid has already been submitted.

Owners can authorize appropriate adjustments to design, completion date, and payments to accommodate or work around these impediments. Nobody welcomes a higher bill, but the alternative of having a contractor stuck with impossible costs or timing is likely to be worse for many owners.

For projects that have not been awarded or started, owners should start with realistic expectations about current costs and the likelihood of increases. They should provide potential bidders with accurate and complete design information to enable bidders to prepare bids that minimize the likelihood of unpleasant surprises for either party.

Owners and bidders may want to consider price-adjustment clauses that would protect both parties from unanticipated swings in materials prices. Such contract terms can enable the contractor to build in a smaller contingency to its bid, while providing the owner an opportunity to share in any savings from downward price movements (which are likely at some point, particularly for long-duration projects). The ConsensusDocs suite of contract documents (www.ConsensusDocs.org) is one source of industry-standard model language for such terms. The ConsensusDocs 200.1 Materials Price Escalation Addendum offers the only standard contract document that addresses price escalation.

The parties may also want to discuss the best timing for ordering materials and components. Buying items earlier than usual can provide protection against cost increases but it comes with the need to pay sooner for the items and potentially paying for storage, security against theft and damage, and the possibility of design changes that make early purchase unwise.

Conclusion

The construction industry is in the midst of a period of exceptionally steep and fast-rising costs for a variety of materials, compounded by major supply-chain disruptions and stagnant or falling demand for projects—a combination that threatens the financial health of many contractors. No single or simple solution will resolve the situation, but there are steps that government officials, owners, and contractors can take to lessen the pain.

Federal trade policy officials can act immediately to end tariffs and quotas on imported products and materials. With many U.S. mills and factories already at capacity, bringing in more imports at competitive prices will cool the overheated price spiral and enable many users of products that are in short supply to avoid layoffs and shutdowns.

Officials at all levels of government should review all regulations, policies, and enforcement actions that may be unnecessarily driving up costs and slowing importation, domestic production, transport, and delivery of raw materials, components, and finished goods.

Owners need to recognize that significant adjustments are probably appropriate regarding the price or delivery date of projects that were awarded or commenced early in the pandemic or before, when conditions at suppliers were far different. For new and planned projects, owners should expect quite different pricing and may want to consider building in more flexibility regarding design, timing, or cost-sharing.

Contractors need, more than ever, to closely monitor costs and delivery schedules for materials and to communicate information with owners, both before submitting bids and throughout the construction process.

Materials prices do eventually reverse course. Owners and contractors alike will benefit when that happens. Until then, cooperation and communication can help reduce the damage.

No single or simple solution will resolve the situation, but there are steps that government officials, owners, and contractors can take to lessen the pain

LOCATION	# 162 6002	# 166 6001	# 168 6001	# 402 6001	7049 6017	7049 6068	7049 6076	7049 6077	7049 6104	7049 6115	7049 6116	7049 6119	7049 6127	7049 6129	7049 6140	7049 6142	7049 6185	7049 6200
	BLOCK SODDING	FERTILIZER	VEGETATIVE WATERING	TRENCH EXCAVATION PROTECTION	WATER MAIN PIPE (PVC) (12IN) (DR18) (C900)	JCK TUN BOR OR AUG CSG (STL) (16IN)	SERVICE LINE (SHORT SIDE) (1-1/2" TO 2")	SERVICE LINE (LONG SIDE) (1-1/2" TO 2")	FIRE HYDRANT ASSEMBLY	REMOVING WATER VALVE AND BOX	REMOVING AND RELOCATING METER AND BOX	REMOVING AND SALVAGING FIRE HYDRANT	CUT AND PLUG WATER MAIN (8IN)	CUT AND PLUG WATER MAIN (12IN)	WET CONNECTION (8IN)	WET CONNECTION (12IN)	CASING STEEL (16 IN)	WTR MAIN PIPE (PVC) (6 IN) (DR 18) (C900)
	SY	AC	MG	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
CSJ 1685-03-058																		
A	270	0.1	12	3175	867	40	4	3	9	12	1	9	1	1	1	1	40	120
B	0	0	0	173	55	95	0	0	1	0	0	1	1	1	1	2	95	10
PROJECT TOTALS	270	0.1	12	3348	922	135	4	3	10	12	1	10	2	2	2	3	135	130

LOCATION	7049 6201	7049 6213	7049	* 7049	* 7049	* 7049	* 7049
	WTR MAIN PIPE (PVC) (8 IN) (DR 18) (C900)	2" BLOW-OFF VALVE	1" AIR RELEASE VALVE	GROUT ABANDONED LINES	12" GATE VALVE AND BOX	8" GATE VALVE AND BOX	DUCTILE IRON FITTINGS
	LF	EA	EA	CY	EA	EA	TON
CSJ 1685-03-058							
A	2325	2	3	64	1	7	2
B	127	0	0	18	1	0	1
PROJECT TOTALS	2452	2	3	82.0	2.0	7.0	3

NOTE:

WATER MAIN PIPE (PVC) INCLUDES ALL SUBSIDIARY ITEMS. SUBSIDIARY ITEMS TO INCLUDE BUT NOT LIMITED TO ALL OTHER NECESSARY APPURTENANCES FOR CARRIER PIPE; GROUT ABANDONED LINE, ALL GATE VALVES AND DUCTILE IRON FITTINGS.

LOCATION	# 402 6001	7017 6088	7017 6110	7017 6129	7017 6140	7017 6141	* 7017	* 7017
	TRENCH EXCAVATION PROTECTION	AIR RELEASE VALVE (2 IN)	POST CONSTRUCTION TELEVISION INSPECTION	REMOVE EXIST SAN SWR PIPE (8IN)	PRE-CONSTRUCTION TELEVISION INSPECTION	SAN SEWER (8IN) (DI) (RESTRAINED JT)	BYPASS SYSTEM	DUCTILE IRON FITTINGS
	LF	EA	LF	LF	LF	LF	LS	TON
CSJ 1685-03-058								
A	3360	3	3360	3351	3360	3360	1	1.03
PROJECT TOTALS	3360	3	3360	3351	3360	3360	1	1.03

* FOR CONTRACTOR'S INFORMATION ONLY

QUANTITIES ARE WITHIN THE AREA OF PROPOSED EASEMENT ONLY.



BGE, Inc.
2595 Dallas Parkway, Suite 204, Frisco, TX 75034
Tel: 972-464-4800 • www.bgeinc.com
TBPE Registration No. F-1046
Copyright 2020

FM 1960
FROM BF 1960A TO EAST OF TWIGSWORTH LN

**SUMMARY OF
UTILITY QUANTITIES**

(HC MUD 109)

SHEET 1 OF 1

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6			FM 1960
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	HOU	HARRIS	
CONTROL	SECTION	JOB	
1685	03	058	31

FILENAME: FM1960W_Utility Quantities_1.dgn

DRAWING DATE: 4/29/2020

WWWMS, INC.
HARRIS COUNTY MUD # 109
OPERATIONS REPORT
Tuesday, January 18, 2022

BILLING AND COLLECTION RECAP:

DEPOSITED IN YOUR ACCOUNT LAST MONTH:

Period Ending:	Dec-21
Deposit:	\$ 3,950.00
Penalty:	\$ 3,838.85
Water:	\$ 47,383.99
Sewer:	\$ 48,664.17
Inspection:	\$ 1,000.67
Voluntary Fire & EMS:	\$ -
Misc:	\$ 4,509.65
NHCRWA:	\$ 72,251.78
Reconnect:	\$ -
NSF Fee:	\$ 140.00
Total Collections:	\$ 181,739.11

CURRENT BILLING:

Period Ending:	Jan-22
Deposit:	\$ -
Penalty:	\$ 4,055.50
Water:	\$ 40,275.05
Sewer:	\$ 52,973.50
Inspection:	\$ 801.00
Voluntary Fire & EMS:	\$ -
Misc:	\$ 2,310.00
NHCRWA:	\$ 81,561.32
Total Billing:	\$ 181,976.37

CUSTOMER AGED RECEIVABLES:

30 Day	24%	\$ 43,298.09
60 Day	10%	\$ 17,290.99
90 Day	1%	\$ 2,729.24
120 Day	4%	\$ 6,804.59
Overpayments		\$ (8,928.12)
Total Receivables:		\$ 61,194.79

HGCS D PERIOD: 12/1/21 THRU 12/31/21

Period 6/1/21 thru 5/31/22

MONTHLY TOTAL

Gallons Authorized:	450.000	MG
Current Month Produced:	22.314	MG
Cum. Gallons Produced:	195.456	MG
Auth. Gallons Remaining:	254.544	MG
Avg. Gallons Per Month:	27.920	MG
Permit Months Remaining:	5	

WATER PLANT OPERATIONS:

Period: 12/1/2021 thru 12/31/2021

MONTHLY TOTAL

Production:	21.649	MG
Amount Purchased:	0.000	MG
Total Amount:	21.649	MG
Consumption: (Billed)	18.748	MG
Accounted for Maint. (Flushing)	0.000	MG
Est. Amt. Sold to HC MUD 151	0.800	MG
Total:	19.548	MG
Daily Average Production:	0.698	MG
Percent Accounted For:	90.30%	

NEW METER INSTALLATIONS:

Residential:	0
Commercial:	0
Total:	0

CONNECTION COUNT:

Residential:	2970
Commercial:	129
Clubs/Schools:	1
Irrigation:	19
Vacant:	39
Builders:	21
Vacation:	0
No Bill:	6
	3185
New Finals and Transfers	-35
	3150

ACCOUNTS SENT TO COLLECTIONS:

Total of (0)

HARRIS COUNTY MUD #109

ACTIVITY REPORT

January 18, 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 DECEMBER 2021
- D.) Billing / Recap Summary Report

Item 2: Water Plant 1

A.) Elevated Storage Tank

Contractor pressure washed interior of tank, BGE performed tank interior inspection, final inspection will be completed 1/17/22, warranty work has been completed.

Item 3: Lift Station 4

- A.) Schedule Source Point to cleanout lift station to inspect lift pump guide rails and pump connections. Pump 2 is not sitting correctly on flange.

Item 4: Forest Fern Ct.

A.) Customer request to waive the back charges for damages of the service line.

Resident indicated the district line was less than 12 inches deep, and refuses to pay the back charges. Upon arrival to make repairs, the service line was deeper than 12 inches.

Labor plus material = Total amount **\$575.47**

Item 5: Cut off Report

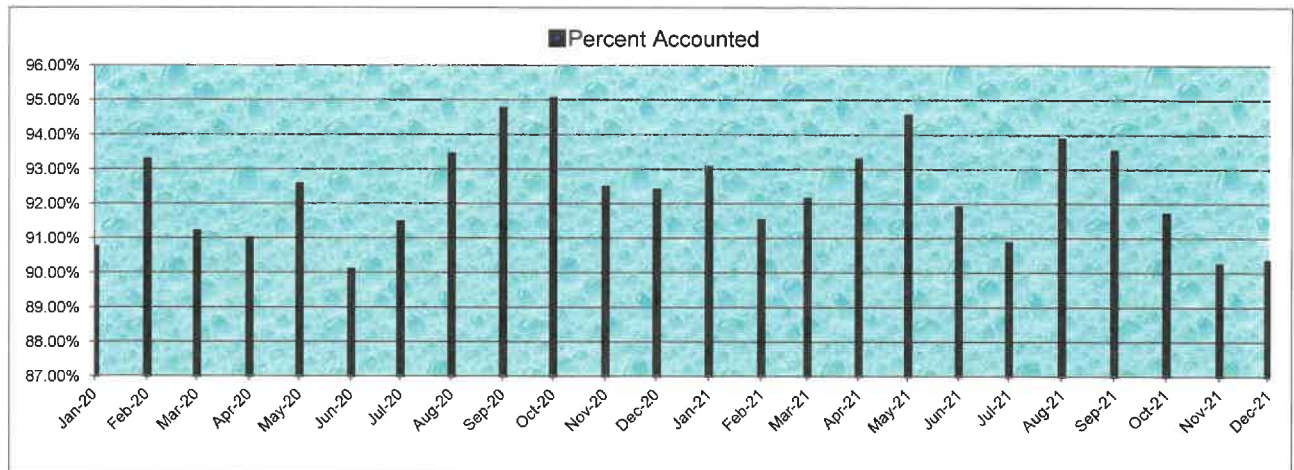
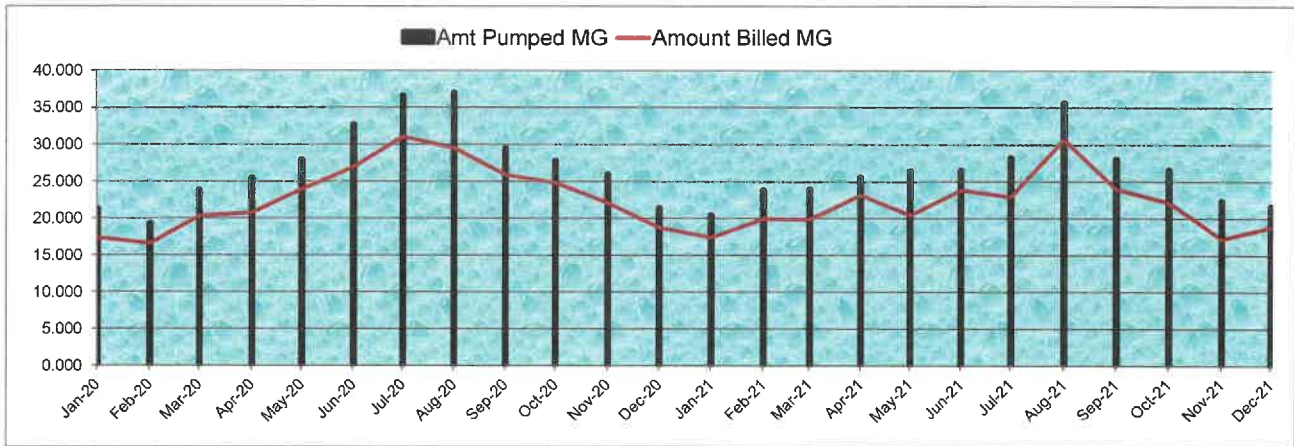
- A.) Approve to proceed with cut offs

HARRIS COUNTY MUD #109

WATER PRODUCTION REPORT

January 18, 2022

Month /Year	Amt Pumped MG	Amt Billed MG	Maint. MG	Purchased MG	Amount HC 151	Total Amount	Percent Accounted
Jan-20	21.299	17.314	2.000	0.000	0.000	19.314	90.68%
Feb-20	19.261	16.555	1.400	0.000	0.000	17.955	93.22%
Mar-20	23.874	20.258	1.500	0.000	0.000	21.758	91.14%
Apr-20	25.520	20.707	2.500	0.000	0.000	23.207	90.94%
May-20	27.986	23.889	2.000	0.000	0.000	25.889	92.51%
Jun-20	32.674	26.918	2.000	0.000	0.500	29.418	90.03%
Jul-20	36.621	30.975	1.850	0.000	0.650	33.475	91.41%
Aug-20	37.007	29.477	4.500	0.000	0.600	34.557	93.38%
Sep-20	29.538	25.826	1.200	0.000	0.945	27.971	94.69%
Oct-20	27.800	24.755	1.000	0.000	0.650	26.405	94.98%
Nov-20	25.948	22.039	1.000	0.000	0.945	23.984	92.43%
Dec-20	21.410	18.681	0.500	0.000	0.590	19.771	92.34%
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	25.631	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%
Total	638.380	537.012	37.900	0.000	14.380	589.269	2214.08%
Average	26.599	22.376	1.579	0.000	0.599	24.553	92.25%



NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY
Groundwater and/or Surface Water Reporting and Billing Form - 2021
 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
December 01-31, 2021	\$4.60 groundwater \$5.05 surface water	Jan. 18, 2022

Gallons of Groundwater Pumped for Billing Period

	Start Meter Reading	End Meter Reading	Total
Well #2083	266,451 x1000	274,401 x1000	7,950,000
Well #4448	51,434 x1000	65,133 x1000	13,699,000
Adjustment			0

Water imported from outside NHCRWA

Imported water Meter reading:	Source:			
	x	x		0

Miscellaneous water (not billed)

Other entity	Water Type	Direction	Amount
	Groundwater	Out	

1	Enter total gallons of groundwater pumped and/or imported	21,649,000
2	Divide by 1000	21,649
3	Total groundwater fee due (multiply line 2 x \$4.60)	\$99,585.40
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	\$87,324.15

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: January 15, 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.

CERTIFICATE FOR
ORDER CALLING DIRECTORS ELECTION

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

We, the undersigned officers of the Board of Directors (the “Board”) of Harris County Municipal Utility District No. 109 (the “District”), hereby certify as follows:

1. The Board convened in regular session, open to the public, on January 18, 2022, via teleconference at 1-346-248-7799 Meeting ID: 996 2064 1744 and at Norton Rose Fulbright US LLP, 1301 McKinney, Suite 5100, Houston, Texas, 77010, and the roll was called of the members 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, except _____, thus constituting a quorum. Whereupon among other business, the following was transacted at such Meeting: A written

ORDER CALLING DIRECTORS ELECTION

Was duly introduced for the consideration of the Board and read in full. It was then duly moved and seconded that such Order be adopted; and, after due discussion, such motion, carrying with it the adoption of such Order, prevailed and carried by the following votes:

AYES: NOES:

2. A true, full, and correct copy of the aforesaid Order adopted at the Meeting described in the above and foregoing paragraph is attached to and follows this Certificate; such Order has been duly recorded in the Board’s minutes of such Meeting; the above and foregoing paragraph is a true, full, and correct excerpt from the Board’s minutes of such Meeting pertaining to the adoption of such Order; the persons named in the above and foregoing paragraph are the duly chosen qualified, and acting officers and members of the Board as indicated therein; each of the officers and members of the Board was duly and sufficiently notified officially and personally, in advance, of the time, place, video/teleconference number, and purpose of such Meeting, and that such Order would be introduced and considered for adoption at such Meeting and each of such officers and members consented, in advance, to the holding of such Meeting for such purpose; and such Meeting was open to the public, and public notice of the time, place, video/teleconference number, and purpose of such Meeting was given, all as required by Chapter 551, Texas Government Code, as amended, and Section 49,063, Texas Water Code, as amended.

SIGNED AND SEALED this 18th day of January, 2022.

HARRIS COUNTY MUNICIPAL
UTILITY DISTRICT NO. 109

President, Board of Directors

ATTEST:

Secretary, Board of Directors

(DISTRICT SEAL)

ORDER CALLING DIRECTORS ELECTION

WHEREAS, Harris County Municipal Utility District No. 109 (the “*District*”) is a conservation and reclamation district under article XVI, section 59 of the Texas Constitution, and operates under chapters 49 and 54, of the Texas Water Code, as amended;

WHEREAS, the District is required to hold a Directors Election on the first Saturday in May of even-numbered years unless each candidate in the election is unopposed;

WHEREAS, the Board of Directors of the District (the “*Board*”) deems it necessary and appropriate to establish the procedures whereby such election may be held;

IT IS, THEREFORE, ORDERED BY THE BOARD THAT:

Pursuant to Section 49.103 of the Texas Water Code and Sections 41.001 of the Election Code, an election shall be held for the District on May 7, 2022 (“*Election Day*”), for the election of three Directors for the District, each of whom shall serve a four-year term. The election shall be held and conducted in all respects as provided by applicable law.

The election shall be held jointly with Harris County, Texas (the “*County*”) under the provisions of Chapter 271, Texas Election Code, and a Joint Election Agreement between the County and the District (the “*Joint Election Agreement*”), pursuant to which the County will provide certain election services to the District. The County’s website is <https://www.harrisvotes.org/>.

Early voting in such election by personal appearance shall be conducted on the days, during the hours and at the locations detailed on *Exhibit A*, such locations being the designated early voting polling places provided by the County pursuant to the Joint Election Agreement, any one of which is authorized to be used by voters in the District under the Countywide Polling Place Program established pursuant to Section 43.007(i), Texas Election Code, in which the County participates.

The Board hereby appoints Isabel Longoria, Harris County Elections Administrator, as the Early Voting Clerk and Central County Manager for the election.

Applications for ballot by mail shall be mailed to:

Isabel Longoria, Harris Elections Administrator
Attention: Elections Division
PO Box 1148,
Houston, Texas 77251-1148
Telephone: 713 755-6965
Email address: vbm@harrisvotes.com
Early Voting Clerk’s website: www.harrisvotes.org

Applications for ballots by mail may be delivered by common or contract carrier to:

Isabel Longoria, Harris Elections Administrator
Attention: Elections Division
1001 Preston, 4th Floor
Houston, Texas 77002

Applications for Ballots by Mail (ABBMs) must be received no later than the close of business on April 26, 2022.

Federal Post Card Applications (FPCAs) must be received no later than the close of business on April 26, 2022.

Election Day voting in such election shall be conducted from 7:00 a.m. to 7:00 p.m. at the locations detailed on Exhibit B, such locations being the designated Election Day polling places provided by the County pursuant to the Joint Election Agreement, any one of which is authorized to be used by voters in the District under the Countywide Polling Place Program established pursuant to Section 43.007(i), Texas Election Code, in which the County participates.

In accordance with Section 61.012, voting shall be conducted by an electronic voting system adopted by resolution of the Commissioners Court of Harris County, Texas, which has been certified by the Texas Secretary of State as complying with the requirement for an accessible voting system, to-wit: Hart Verity 2.4.

The ballots for such election shall be prepared in sufficient number and in conformity with the Texas Election Code, as it may be amended from time to time, and shall be substantially as follows:

HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 109

DIRECTORS ELECTION
MAY 7, 2022

OFFICIAL BALLOT

Vote for none, one, two or three candidates of your choice by placing an "X" or filling in the shape beside the candidates' names.

<input type="checkbox"/>	_____
<input type="checkbox"/>	_____
<input type="checkbox"/>	_____
<input type="checkbox"/>	_____
<input type="checkbox"/>	_____
<input type="checkbox"/>	_____

The persons appointed by the Harris County Commissioners Court, Election Board and the Early Voting Clerk as election officials, such as Election Day Presiding Judge and Alternate Judges, Early Voting Judges and Clerks, Early Voting Ballot Board and Central County Presiding and Alternative Judges, Central County Manager and Tabulation Supervisor, are hereby approved. The Harris County Elections Administrator shall serve as the joint custodian of record for all election returns and shall provide for the storage of election records.

Pursuant to the applicable provisions of the Texas Election Code, including but not limited to Chapter 31, Texas Election Code, the Board hereby authorizes and approves the Joint Election Agreement, and authorizes its execution by the Board's President and Secretary.

The Board's President and Secretary and the attorney for the District are hereby authorized and directed to take any action necessary to comply with the provisions of the Texas Elections Code, the Texas Water Code and the Federal Voting Rights Act and the terms and provisions of the Joint Election Agreement in carrying out the provisions of this Order, whether or not expressly authorized herein.

The officers of the Board are each authorized to evidence adoption of this Order and directed to do any and all things legal and necessary to hold such election and otherwise to carry out the intent hereof.

In case any provision in this Order shall be invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby.

* * *

EXHIBIT A
Harris County Early Voting Dates, Hours and Locations

(Subject to change)

EXHIBIT B
Harris County Election Day Voting Locations

(Subject to change)