HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 368

Minutes of Meeting July 2, 2019

The Board of Directors (the "Board") of Harris County Municipal Utility District No. 368 (the "District") met in regular session, open to the public, at 6:30 p.m. on July 2, 2019, at the District meeting place located inside the District, whereupon the roll was called of the members of the Board, to-wit:

Roy P. Lackey Tiffani C. Bishop Sharon L. Cook

Eric Daniel
Allison V. Dunn

President

Vice President/Investment Officer

Secretary Treasurer

Assistant Secretary

All members of the Board were present, thus constituting a quorum. Consultants in attendance were: Mike Plunkett and Erica Martinez of Eagle Water Management, Inc. ("Eagle" or "Operator"); Matthew Carpenter, P.E. of IDS Engineering Group ("IDS" or "Engineer"); Kaye Townley of Municipal Accounts & Consulting, L.P. ("MAC" or "Bookkeeper"); Zach Petrov and Carter Dean, attorneys, and Mirna Croon, paralegal, of Johnson Petrov LLP ("JP" or "Attorney"); and Jessica Scanlin, a resident of the Pinecrest Forest subdivision.

The President called the meeting to order at 6:31 p.m. and in accordance with the notice posted pursuant to law, the following business was transacted:

Public Comment. The President recognized Ms. Scanlin who reported that a water I. pipe under her driveway burst during the 2018 Labor Day weekend. conversations with Eagle staff, the water pipe was repaired in November 2018. Ms. Scanlin stated that the contractors had done a terrible job with the sod replacement, and after several calls to and from Eagle, the sod was finally properly installed. Ms. Scanlin then stated that after the water pipe repair, the street in front of hers and her neighbor's house is not draining properly. Ms. Scanlin stated that as requested, she sent photos with the street drainage issues to Eagle; however, she was told by Eagle that they cannot do anything as according to Google records, the same street had flooding issues in 2011. Mr. Carpenter stated that no utilities are located under the street, thus it would be hard to conclude that the flooding is occurring due to the driveway repair. He further explained that the District has no road powers, thus it is not authorized to do road repairs. The streets in Pinecrest subdivision have been accepted for street maintenance by Harris County Precinct 4 and he will on behalf of Ms. Scanlin, file an online repair request with Harris County. If Harris County determines they are not responsible for the drainage issues, the District will be contacted.

Ms. Scanlin thanked the Board and departed the meeting.

II. General Business.

- A. <u>District's Website</u>. There were no matters to report.
- B. Pay Bills and Estimates. There was no action.
 - [Ms. Martinez departed the meeting.]
- C. <u>Unlimited Tax Refunding Bonds, Series 2019</u>. Mr. Dean presented correspondence from the District's Financial Advisor with the results of the marketing of the District's Unlimited Tax Refunding Bonds, Series 2019 ("Series 2019 Bonds"), a copy of which is attached hereto as <u>Exhibit "A"</u>. He stated that the total gross savings of the Series 2019 Bonds amount to \$1,024,037.50 and the present value savings are \$735,757.
- III. <u>Operator's Report</u>. The President recognized Mr. Plunkett who presented to and reviewed with the Board the Operator's Report, a copy of which is attached hereto as <u>Exhibit "B"</u>. Mr. Plunkett noted that the District had 105.7% accountability for the period from May 13, 2019 through June 13, 2019. He also noted that 91.81% of the District's water came from the surface water source with the remainder from the District's groundwater wells.
- Next, Mr. Plunkett stated that the storm sewer system on River Breeze St. to the detention pond will need to be televised.
- Mr. Plunkett next recommended that a notice informing residents about the smart meters be sent with the next water bills.
- Mr. Plunkett then reviewed with the Board the Termination List, a copy of which is attached to the Operator's Report, and affirmed that all Customers on the list were at least sixty (60) days past due and had been notified in writing of their right to attend this meeting to address the Board or termination of water service would occur at any time after this meeting.

Next, upon motion by Director Bishop, seconded by Director Bishop, after full discussion and with all Directors present voting aye, the Board (i) authorized Eagle to include the smart meter notice with the next water bills; (ii) authorized termination of service to customers listed on the Termination List, in accordance with provisions of the District's Rate Order; and (iii) approved the Operator's Report as presented.

- IV. <u>Engineer's Report</u>. Mr. Carpenter presented to and reviewed with the Board the Engineer's Report, a copy of which is attached hereto as <u>Exhibit "C"</u>.
 - A. <u>Extreme Event Swales to Serve Northern Point Subdivision</u>. The Contractor has installed the interceptor structure and is completing final cleanup items. IDS expects substantial completion in the next couple of weeks.
 - B. <u>Northern Point Stormwater Pump Station and Force Main</u>. IDS has completed preliminary models and calculations for the project. Harris County will upsize the storm sewer during construction of Segment 3 of the Hufsmith-Kohrville

improvements. IDS has prepared a construction cost estimate for this project with a total estimated construction cost of \$812,500. Mr. Pugh noted that this project is included in the current bond application. IDS is preparing preliminary plans and specifications for the Northern Point Stormwater Pump Station Improvements.

- C. Project for Potential Harris County Joint Partnership. IDS has completed models based on topographic survey data and has selected areas of the street pavement in Northern Point where modifications could be made to allow better sheet flow throughout the subdivision. A cost estimate for the project is \$486,000. The project is included in the current bond application. Mr. Pugh stated that the project should be a good candidate for potential Harris County joint funding. He also stated that IDS has prepared a concept for an extreme event overflow from the Northern Point Detention Basin to Willow Creek. A cost estimate for that project is \$200,000. The project is included in the current bond application and should be a good candidate for potential Harris County joint funding.
- D. <u>Detention Facilities Improvement</u>. IDS has identified a number of repairs and improvements to be made to the District's detention facilities. A construction cost estimate for the project is \$448,000. The project should improve the condition of the existing stormwater facilities and reduce future maintenance costs. The project is included in the current bond application.
- E. <u>Facilities Communication and Security</u>. The approved proposal for this work included a construction fee of \$12,700. Verizon has delivered their equipment and the contractor has received all of the remaining equipment. The contractor will be on-site next week to complete the installation.
- F. <u>Hufsmith-Kohrville Improvements</u>. Construction of Segment 2 will be starting soon. This segment involves the relocation of the existing Water Well No. 6 collection line, which will be completed by the Segment 2 contractor. The total cost of the relocation is estimated at \$281,500 and the District is responsible for 50 percent of the portion within Harris County Right-of-Way, which is approximately \$60,000 of the estimated total cost.
 - Mr. Carpenter further stated that the design of Segment 3 is nearly complete. Harris County is finalizing the Right-Of-Way acquisition. This segment includes the storm sewer that will accommodate the excess drainage proposed from the increased capacity of the Northern Point Pump Station improvements.
- G. <u>Bond Issue No. 14</u>. The Bond Application Report has been submitted to the Texas Commission on Environmental Quality.
- H. Operations Committee Meeting. The meeting has been scheduled for July 30, 2019.

- I. <u>Harris County Flood Control District ("HCFCD") Mowing Agreement.</u>
 Mr. Carpenter reported that HCFCD is preparing the final agreement.
- J. Water Quality Monitoring for Water Wells Nos. 2, 3, 4, 5, and 6. Mr. Carpenter reported that the June 2019 laboratory test results for benzene, toluene, ethyl benzene, or xylene (BTEX) in Water Wells Nos. 2, 3, 4, 5, and 6 are non-detect.
- K. Water Well No. 6 Conditional Acceptance and Sampling Requirements. In accordance with the approval letter from the Texas Commission on Environmental Quality ("TCEQ"), the District must collect and submit chemical samples upon contact from a TCEQ representative or within 180 days of the date of the letter (due August 14, 2019). If the samples show levels higher than the minimum secondary constituent levels, the District may be required to design and install additional treatment equipment. Additionally, there are new sampling requirements for Water Well No. 6, which can be found in the TCEQ approval letter.
- L. <u>Water Plant No. 1 Inspection</u>. The Ground Storage Tanks and Hydropneumatic Tanks at Water Plant No. 1 have been inspected. Overall the tanks are in good condition. The inspector noted minor discoloration, staining and chalking on the tank exteriors. There was a limited inspection performed on the Ground Storage Tank interiors due to water and sedimentation on the tank floors. The interiors had some sediment staining and discoloration. IDS recommends waiting until next year to consider rehabilitation.
- M. <u>Phase 4 Sanitary Sewer Rehab</u>. IDS has provided a list of recommended repairs and maintenance items to the Operator. The Operator is preparing a proposal to complete the work.
- N. Sandy Stream Sewer Capacity Evaluation: Upsize Required for Dungrove Tract. Mr. Carpenter reported that there is an existing 10" sanitary sewer that runs along Sandy Stream in Three Lakes Subdivision. The sewer serves all of Three Lakes, Northpointe East, and future Braemar Village. The sewer does not have capacity to serve all of the development and will need to be upsized prior to development of Braemar Village. IDS will prepare a cost estimate for upsizing this sanitary sewer.
- O. <u>Lift Station Control Panel Replacements</u>. The electrical engineering consultant is preparing a proposal to perform engineering services for the control panels. IDS is working to ensure all the District's requirements for the panels are included in the design.
- P. <u>Wastewater Treatment Plant ("WWTP") Rehabilitation</u>. The on-site lift station rehabilitation work is complete. IDS will conduct an inspection of the wet well coatings prior to the end of the one-year warranty period to address any potential deficiencies in the coating.

IDS is preparing preliminary plans and specifications for the WWTP Rehabilitation project.

Q. Harris County Street Acceptance Status. IDS has been informed that the streets within Willow Falls Section 4 have not been accepted for maintenance by Harris County. The contractor would not correct a construction issue which resulted in a "bird bath" in the street pavement. The Developer is no longer engaged in this development. To get the streets accepted by Harris County, the pavement will need to be repaired.

Uretek has completed the repair of the bird bath.

Additionally, Pinemeade Lane and Bright Point Court in Stonepine, Section 2 are not on the Harris County Road Log. The County believes that this is an internal error and are working on resolving the issue.

- R. <u>Northpointe Business Park</u>. Mr. Carpenter reported that the construction of the public utilities will begin soon. IDS will have a representative present to observe construction activities. IDS is working to have an independent appraisal performed for the public utilities for this development.
- S. <u>Braemar Village Tract</u>. The Developer has authorized design of the project. IDS has begun design of the lift station and force main facilities.
- T. <u>Little Woodrow's</u>. IDS is preparing the annexation map and necessary exhibits to complete the City of Houston annexation application.
- U. <u>12.5-Acre Dungrove tract</u>. Mr. Carpenter stated that IDS has calculated the land and carry costs to be \$601,296.
- V. <u>12.9-Acre Tract East of Hufsmith-Kohrville</u>. The developer has dropped his development plan because the storm sewer along Hufsmith-Kohrville does not provide enough outfall depth to serve the tract. There may be an opportunity for the District to partner with Harris County to redesign this storm sewer to allow additional outfall depth for this site.
- W. <u>42-Acre Favro Family Tract (West of Hufsmith-Kohrville)</u>. The Developer is reviewing options for the land plan and major thoroughfare plan. The development includes 63 single-family residential lots, 11 private estate lots, a community center including a club, recreational land, and facilities, and a parking lot.
- X. <u>Riverside Construction Tract</u>. IDS has been contacted by Riverside Construction regarding development of land south of Stonepine. IDS has prepared a feasibility study for the tract, which has been sent to JP. The District's facilities have sufficient capacity to serve the tract. The sanitary sewer would flow to the Willow Falls Lift Station and there is an existing waterline on the northeast corner

- of the tract. The total cost for public utility extensions is estimated to be approximately \$101,000.
- Y. <u>Annexation Request</u>. Mr. Carpenter reported that IDS was contacted by a developer about the District possibly annexing a tract located on Lacey and Hufsmith-Kohrville Rd. The Developer is planning to build a multi-family development with approximately 350 units on the tract. Discussion ensued after which the Board authorized IDS to prepare a feasibility study for the proposed development, subject to receipt of the annexation deposit.

Next, upon motion by Director Cook, seconded by Director Lackey, after full discussion and with all Directors present voting aye, the Board approved the Engineer's Report.

V. Developer's Report. There was no report.

VI. Attorney's Report.

- A. <u>ESD Sales Tax Issue</u>. Mr. Dean reported that a proposal to Harris County Emergency Services District No. 16 related to the sales tax sharing was sent to Harris County Emergency Services District No. 16 ("ESD"). ESD should consider the letter at its July 8, 2019 Board meeting.
- B. Minutes of June 20, 2018 Board meeting. This matter was tabled.
- C. <u>Northpointe Business Park Reimbursement Agreement</u>. Ms. Dean stated that the property is in the process of being appraised by an independent appraiser. A reimbursement agreement will be prepared once the appraisal is finalized.

VII. <u>Adjournment</u>. With no additional matters before the Board, the Board adjourned the meeting at 7:48 p.m.

PASSED AND APPROVED this 18th day of July, 2019.

Secretary, Board of Directors

Exhibits:

"A" Marketing Results for Series 2019 Bonds

"B" Operator's Report

"C" Engineers Report

RATHMANN & ASSOCIATES, L.P.

8584 Katy Freeway, Suite 250 Houston, Texas 77024 Phone 713-751-1890 Fax 713-751-1891

June 26, 2019

R. Craig Rathmann
Managing Partner
713-751-1888
craig@rathmannassociates.com

Board of Directors
Harris County Municipal
Utility District No. 368
c/o Mr. Andy Johnson
Johnson Petrov PLLC
2929 Allen Parkway, Suite 3150
Houston, Texas 77019

Re:

\$11,725,000 Harris County Municipal Utility District No. 368 (the "District") Unlimited Tax Refunding Bonds, Series 2018 (the "Bonds")

Directors:

RBC Capital Markets LLC and Hilltop Securities Inc., the firms that the District has selected as underwriters of the Bonds described above, the proceeds of which will be utilized by the District to refund bonds previously issued by the District, have successfully marketed the Bonds with the results that are reported below.

As your Financial Advisor, Rathmann & Associates, L.P. ("Rathmann") reasonably believes that it has recommended a suitable financing plan for the Bonds (the "Financing Plan"), which has been adopted by the Board of Directors (the "Board"). Our recommendation included preparation and presentation to the Board of detailed calculations that included delineations of the bonds to be refunded (the "Refunded Bonds"), the maturity schedule and structure of the Bonds, any necessary issuer contribution, the need for any escrowed securities and/or cash deposit to a refunding escrow, the rates/yields on the Refunded Bonds, total and present value savings as a percentage of the Refunded Bonds, a detailed summary of the costs of issuance of the Bonds, and other matters. Rathmann has also participated in the compilation of the Preliminary Official Statement (the "POS") by which the District has offered the Bonds for sale, which includes information provided by the District's consultants and other parties.

The Financing Plan, the underlying credit rating of the Bonds and eligibility of the Bonds for municipal bond insurance have been determined after consideration of the the current financial condition of the District, including its outstanding indebtedness, the status of development of the District as set forth in the POS, the consent conditions and other requirements of the City of Houston, the District's long-term financial plan and current market interest rates. In connection with the Board's approval of the POS, Rathmann reviewed with the Board the current financial position of the District as set forth in the POS under the caption "SELECTED FINANCIAL INFORMATION." Rathmann also reviewed with the Board the investor risks as set forth in the POS under the caption "INVESTMENT CONSIDERATIONS" as well as material issuer risks involved in the issuance of the Bonds, including, but not limited to, default risk, redemption risk, refinancing risk, tax compliance risk, and disclosure compliance risk.

Upon consideration of the Financing Plan and related factors, the Board determined to proceed with the financing and took certain actions to authorize the sale of the Bonds, including the adoption of certain

requirements that must be achieved as a result of the financing, principal among which was your direction that the financing accomplish a present value savings not less than 4.00% of the principal amount of the Refunded Bonds.

Following are the results of the marketing of the District's Unlimited Tax Refunding Bonds, Series 2019.

Present Value Savings

Minimum Approved

4.00%

Attained

6.55%

The goal was exceeded. For your information, the amount of the total (gross) debt service savings is \$1,024,037.50 and the total present value savings is \$735,757. The final, verified calculations related to the Financing Plan are attached to this letter.

Thank you for giving us the opportunity to provide our services to the District since May 1, 2003, including the issuance of the Bonds and the issuance of the outstanding bonds that have been previously issued by the District.

Sincerely,

RATHMANN & ASSOCIATES, L.P.

Financial Advisor to the District

By:

R. Craig Rothmann Managing Partner

Harris County Municipal Utility District No. 368 Refunding Effects City of Houston Ordinance - Section 3.01 - Ordinance Year (A3, Non-BQ Insured)

		Less: Debt Service	Plus: Serie	FIRS: Series 2019 Kerunding Bonds	Spugs		
Year Ending	Current Total	on Refunded	Current Interest Bonds	st Bonds	Capital	Post Rfndg	Post Rfndg
07/31	Debt Service	Bonds(1)	Principal	Interest	Appr Bonds	Debt Service	Savings (2)
2019	1,001,766					1,001,766	
2020	3,841,806	448,100		205,188		3,598,894	47,912
2021	3,856,281	448,100	50,000	351,000		3,809,181	47,100
2022	3,860,381	448,100	20,000	349,500		3,811,781	48,600
2023	3,838,413	448,100	20,000	348,000		3,788,313	50,100
2024	3,832,575	497,275	100,000	345,750		3,781,050	51,525
2025	3,834,156	530,013	140,000	342,150		3,786,294	47,863
2026	3,847,731	527,050	140,000	337,950		3,798,631	49,100
2027	3,838,231	524,000	140,000	333,750		3,787,981	50,250
2028	3,856,272	1,051,500	000'089	321,450		3,806,222	50,050
2029	3,839,331	1,047,625	700,000	300,750		3,792,456	46,875
2030	3,830,788	1,046,325	720,000	279,450		3,783,913	46,875
2031	3,852,113	1,284,125	000'086	253,950		3,801,938	50,175
2032	3,951,538	2,353,925	2,095,000	207,825		3,900,438	51,100
2033	3,939,400	2,349,525	2,155,000	144,075		3,888,950	50,450
2034	3,957,069	230,025	70,000	110,700		3,907,744	49,325
2035	3,978,706	227,025	70,000	108,600		3,930,281	48,425
2036	3,229,806	224,025	70,000	106,500		3,182,281	47,525
2037	3,275,269	221,025	70,000	104,400		3,228,644	46,625
2038	2,328,819	1,221,975	1,085,000	87,075		2,278,919	49,900
2039	2,341,181	1,250,338	1,150,000	53,550		2,294,394	46,788
2040	2,373,063	1,275,625	1,210,000	18,150		2,325,588	47,475
Totalo	202 503 504	647 659 004	200 301 404	201 001 14		200 000 000	04004000

^{(1) -} This column only reflects debt payments scheduled after the closing date of 08/01/2019. (2) - Savings are reduced by fund transfers at closing totaling \$195,000.00 (see Sources of funds report).

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Harris County Municipal Utility District No. 368

Refunding Effects City of Houston Ordinance - Section 3.01 - Calendar Year (A3, Non-BQ Insured)

		Less: Debt Service	Plus: Serie	Plus: Series 2019 Refunding Bonds	Bonds		
Year Ending	Current Total	on Refunded	Current Interest Bonds	st Bonds	Capital	Post Rfndg	Post Rfndg
12/31	Debt Service	Bonds(1)	Principal	Interest	Appr Bonds	Debt Service	Savings (2)
2019	3,873,531	224,050				3,649,481	29,050
2020	3,885,081	448,100	20,000	381,063		3,868,044	17,037
2021	3,892,481	448,100	20,000	350,250		3,844,631	47,850
2022	3,873,281	448,100	20,000	348,750		3,823,931	49,350
2023	3,868,544	498,100	100,000	347,250		3,817,694	50,850
2024	3,871,606	531,450	140,000	344,250		3,824,406	47,200
2025	3,891,706	528,575	140,000	340,050		3,843,181	48,525
2026	3,883,756	525,525	140,000	335,850		3,834,081	49,675
2027	3,902,706	1,062,475	680,000	331,650		3,851,881	50,825
2028	3,889,838	1,060,525	700,000	311,250		3,840,563	49,275
2029	3,883,825	1,059,725	720,000	290,250		3,834,350	49,475
2030	3,907,750	1,302,925	980,000	268,650		3,853,475	54,275
2031	4,011,475	2,395,325	2,095,000	239,250		3,950,400	61,075
2032	4,001,600	2,392,525	2,155,000	176,400		3,940,475	61,125
2033	4,022,200	231,525	70,000	111,750		3,972,425	49,775
2034	4,046,938	228,525	70,000	109,650		3,998,063	48,875
2035	3,285,475	225,525	70,000	107,550		3,237,500	47,975
2036	3,334,138	222,525	70,000	105,450		3,287,063	47,075
2037	2,371,400	1,244,525	1,085,000	103,350		2,315,225	56,175
2038	2,386,238	1,274,425	1,150,000	70,800		2,332,613	53,625
2039	2,421,125	1,301,250	1,210,000	36,300		2.366,175	54,950
Totals	\$76.504.694	\$17.653.800	\$11,725,000	\$4,709,763		\$75,285,657	\$1,024,038

(1) - This column only reflects debt payments scheduled after the closing date of 08/01/2019. (2) - Savings are reduced by fund transfers at closing totaling \$195,000.00 (see Sources of funds report).

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Prepared by: Rathmann & Associates, Houston, Texas

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Harris County Municipal Utility District No. 368 Sources & Uses Report City of Houston Ordinance - Section 3.01 - Calendar Year (A3, Non-BQ Insured)

Sources of Funds:		
Principal Amount of Current Interest Bonds (CIBs)	nterest Bonds (CIBs)	11,725,000.00
CIB Discount		-74,188.95
Transfer of Excess D/S Funds	S	195,000.00
	Total SOURCES of Funds	\$11,925,118.60
Uses of Funds:		
Open Market Escrow Cost		11,441,827.40
Bond Insurance		52,919.94
Issuance Expenses:	(\$428,087.50)	
Underwriter's Discount		76,212.50
Rating Agency		21,000.00
Bond Counsel		146,562.50
Verification Agent		2,750.00
Printing		10,000.00
Trustee		2,500.00
Financial Advisor		146,562.50
Underwriter's Counsel		8,000.00
Attorney General		9,500.00
Miscellaneous		5,000.00
Rounding Amount		2,283.76
	Total USES of Funds	\$ 11.925.118.60

Miscellaneous Bond Issuance Information:

Delivery Date:	91/201/2019
Principal Amount of Bonds Being Refunded	11,230,000.00
Principal Amount of the Refunding Bonds	11,725,000.00
Proceeds of "The (new) Bonds"	11,730,118.60
Rate/Yield on the Refunded Bonds	4.01535679%
"All Costs Included" TIC on the New Issue is	3.38643528%
Federal Arbitrage Yield on the New Issue is	3.03998578%
Yield on Escrow	2.15419444%
Total Debt Service Savings	1,024,037.50
Present Value Savings @ 3.38643528%	735,757.18
Total Debt Service Savings as a Percent of	
Total Debt Service of Refunded Bonds	5.80066331%
Present Value Savings as a Percent of	
Principal Amount of Bonds Being Refunded	6.55171107%

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Harris County Municipal Utility District No. 368
Issuance Expenses for NEW2019REF
City of Houston Ordinance - Section 3.01 - Calendar Year (A3, Non-BQ Insured)
Expenses for NEW2019REF

Expense Title Type Units Arb Vield On Arb Vield Underwriter's Discount V 6.500000 0.00 71,6 Rating Agency V 12.500000 0.00 21,0 Bond Counsel V 12.500000 0.00 146,5 Verification Agent F 2.750.00 0.00 2,7 Printing F 10,000.00 0.00 2,5 Pointing F 2,500.00 0.00 146,5 Financial Advisor V 12,500.00 0.00 146,5 Financial Advisor V 12,500.00 0.00 8,0 Attorney General F 8,000.00 0.00 9,6 Attorney General F 8,000.00 0.00 9,6 Miscellaneous F 5,000.00 0.00 9,6 Ariable Expense Based on Total Debt Service B - Variable Expense Based on Total Debt Service E - Variable Expense Based on Total Debt Service 522,919.94 \$4228,7				Expense Raises	Exp has no	
V 6.500000 0.00 F 21,000.00 0.00 V 12.500000 0.00 F 2,750.00 0.00 F 12,500000 0.00 F 12,500.00 0.00 D 3,220000 52,919.94 V 12,500000 0.00 F 8,000.00 0.00 F 9,500.00 0.00 F 5,000.00 0.00 F 4,000.00 0.00 F 5,000.00 0.00	Expense Title	Type	Units	Arb Yield	on Arb Yield	Total
F 21,000.00 0.00 V 12,500000 0.00 F 2,750.00 0.00 F 2,750.00 0.00 F 2,500.00 0.00 F 12,500000 0.00 F 2,500.00 0.00 F 2,500.00 0.00 F 8,000.00 0.00 F 9,500.00 0.00 Secure Based on Iotal Debt Service Variable Expense Based on Total Debt Service Variable Expense Based on Reserve Fund Requirement	Underwriter's Discount	>	6,50000	00'0	76,212.50	76,212.50
V 12.500000 0.00 F 2.750.00 0.00 F 10,000.00 0.00 F 2,500.00 52,919.94 V 12.50000 52,919.94 V 12.50000 0.00 F 8,000.00 0.00 F 9,500.00 0.00 F 5,000.00 0.00 F 5,000.00 0.00 F 5,000.00 0.00 F 4, Variable Expense Based on Issue Size 852,919.94 Bo. Variable Expense Based on Iotal Debt Service Less Accrued Interest 8.52,919.94 R. Variable Expense Based on Reserve Fund Requirement 8.52,919.94	Rating Agency	u	21,000.00	00:0	21,000.00	21,000.00
F 2,750.00 0.00 F 10,000.00 0.00 F 2,500.00 0.00 C 3,220000 52,919.94 V 12,50000 0.00 F 8,000.00 0.00 F 8,000.00 0.00 F 9,500.00 0.00 F 8,000.00 0.00	Bond Counsel	>	12.50000	00:00	146,562.50	146,562.50
F 10,000.00 0.00 F 2,500.00 0.00 C 3.220000 52,919.94 V 12.500000 0.00 F 8,000.00 0.00 F 9,500.00 0.00 F 9,500.00 0.00 F 9,500.00 0.00 F 5,000.00 0.00 F 9,500.00 0.00 F 8,000.00 0.00	Verification Agent	LL	2,750.00	00'0	2,750.00	2,750.00
F 2,500.00 0.00 Suzance D 3.220000 52,919.94 It Advisor V 12,500000 0.00 Iter's Counsel F 8,000.00 0.00 General F 8,000.00 0.00 General F 9,500.00 0.00 Type: F-Fixed Expense V - Variable Expense Based on Issue Size D - Variable Expense Based on Total Debt Service E - Variable Expense Based on Total Debt Service E - Variable Expense Based on Total Debt Service E - Variable Expense Based on Reserve Fund Requirement	Printing	LL	10,000,00	0.00	10,000.00	10,000.00
Substitute	Trustee	LL	2,500.00	0.00	2,500,00	2,500.00
Advisor	Boad Insurance	۵	3.220000	52,919.94	00:0	52,919.94
writer's Counsel F 8,000.00 0.00 y General F 9,500.00 0.00 aneous F 5,000.00 0.00 Type: F - Fixed Expense V - Variable Expense Based on Issue Size D - Variable Expense Based on Total Debt Service E - Variable Expense Based on Reserve Fund Requirement	Financial Advisor	>	12.500000	00'0	146,562.50	146,562.50
y General F 9,500.00 0.00 aneous F 5,000.00 0.00 Type: F - Fixed Expense Based on Issue Size D - Variable Expense Based on Total Debt Service E - Variable Expense Based on Total Debt Service E - Variable Expense Based on Reserve Fund Requirement	Underwriter's Counsel	L	8,000,00	0.00	8,000.00	8,000.00
Type: F - Fixed Expense V - Variable Expense Based on Issue Size D - Variable Expense Based on Total Debt Service E - Variable Expense Based on Total Debt Service R - Variable Expense Based on Reserve Fund Requirement	Attorney General	u	9,500.00	0.00	9,500.00	9,500.00
Type: F - Fixed Expense V - Variable Expense Based on Issue Size D - Variable Expense Based on Total Debt Service E - Variable Expense Based on Total Debt Service R - Variable Expense Based on Reserve Fund Requirement	Miscellaneous	L	5,000.00	00.00	5,000.00	2,000.00
	Totals			\$52,919.94	\$428,087.50	\$481,007.44
V - Variable Expense Based on Issue Size D - Variable Expense Based on Total Debt Service E - Variable Expense Based on Total Debt Service Less Accrued Interest R - Variable Expense Based on Reserve Fund Requirement		d Expense				
D - Variable Expense Based on Total Debt Service E - Variable Expense Based on Total Debt Service Less Accrued Interest R - Variable Expense Based on Reserve Fund Requirement	V - Vari	iable Expense Based on	Issue Size			
E - Variable Expense Based on Total Debt Service Less Accrued Interest R - Variable Expense Based on Reserve Fund Requirement	D - Van	iable Expense Based on	Total Debt Service			
R - Variable Expense Based on Reserve Fund Requirement	E - Vari	iable Expense Based on	Total Debt Service Le	ss Accrued Interest		
	R - Van	iable Expense Based on	Reserve Fund Requir	ement		

Prepared by: Rathmann & Associates, Houston, Texas HC_MUD368: EXP2019REF

06/26/2019 @ 11:48 v10.9 -- Run "F"

		City o	F .	ounty Minance - Se	nty Municipal Utility Distince - Section 3.01 - Calendar Y	Harris County Municipal Utility District No. 368 uston Ordinance - Section 3.01 - Calendar Year (A3, Non-B	t No. 368 (A3, Non-BQ Insured)	ed) - 08/01/2019		
Manualta	Town Dond	Dated Date = 00/01/	7	Series	ZOIS REIDI	child builds	Interect	Total	FV(ends 12/31)	Debt Service
Dates	Maturities	Redemptions	Proceeds	Rate	Vield	Price	Amount	Debt Service	Debt Service	to Call
03/01/2020						<u> </u>	205,187.50	205,187.50		205,187.50
09/01/2020	91. 1	50,000.00	50,629,50	3.000	1.820000	101.259000	175,875.00	225,875.00	431,062.50	225,875.00
03/01/2021	(*0)	00 000 05	51 128 00	3 000	1 890000	102.256000	175.125.00	225.125.00	400.250.00	225,125.00
03/01/2022	0. 36	*				*	174,375.00	174,375.00		174,375.00
09/01/2022	(a•	50,000.00	51,487.00	3.000	2.000000	102.974000	174,375.00	224,375.00	398,750.00	224,375.00
03/01/2023	•		W. (1)		866	ą.	173,625.00	173,625.00		173,625.00
09/01/2023	*	100,000.00	103,503.00	3,000	2.100000	103.503000	173,625.00	273,625.00	447,250.00	2/3,625.00
03/01/2024	10. 30	- 00 000 071	115 255 40	3 000	0000000	103 826000	172,125.00	312,125.00	484 250.00	11 647 125.00
03/01/2024		140,000,00	043,330,40	2,000	2.200000	00007070	170.025.00	170.025.00		
09/01/2025	e æ	140,000.00	144,673.20	3.000	2,300000	103.338000	170,025.00	310,025,00	480,050.00	ř.
03/01/2026	O.	15	10	(%	íù	•	167,925.00	167,925.00	•	
09/01/2026	L 95	140,000.00	143,994.20	3.000	2.400000	102.853000	167,925.00	307,925.00	475,850.00	13.
03/01/2027			•				165,825.00	165,825.00		•
09/01/2027		. 00'000'089	696,122.80	3.000	2.500000	102.371000	165,825.00	845,825.00	1,011,650.00	•
03/01/2028	†il	- 00 000 001	. 00 555	* 000	000000	000100 101	155,625.00	155,625,00	1 011 250 00	
09/01/2028		00.000,007	/13,237.00	3.000	2.600000	000150.101	135,623.00	145 125 00	00.002,110,1	
03/01/2029	, ,	720 000 00	730.180.80	3.000	2.700000	101,414000	145,125,00	865,125.00	1,010,250.00	
03/01/2030	*	*	*			500	134,325.00	134,325.00	((*	•
09/01/2030		• 00.000,086	989,212.00	3.000	2.800000	100.940000	134,325.00	1,114,325.00	1,248,650.00	(0)
03/01/2031	(it	æ		30.	7	*	119,625.00	119,625.00	9.0	Đ.
09/01/2031	(E)	2,095,000.00	2,104,783.65	3,000	2.900000	100.467000	119,625.00	2,214,625.00	2,334,250.00	1
03/01/2032	*	*			£		88,200.00	88,200.00	•	
09/01/2032	100	2,155,000.00	2,155,000.00	3.000	3.000000	100.000000	88,200.00	2,243,200.00	2,331,400.00	•)!
03/01/2033	(*)					9 6	55,875.00	55,875.00	. 00	•
09/01/2033	-(01)	. 00'000'02	68,844.30	3.000	3.145872	98.349000	55.875.00	125,875,00	00.067,181	•
03/01/2034	, (10)-	. 00 000 02	68 844 30	3,000	138104	98 349000	54,825.00	124.825.00	179,650.00	
03/01/2035					,		53,775.00	53,775.00		
09/01/2035	(01)	→ 00.000.00	68,844.30	3.000	3.131318	98.349000	53,775.00	123,775.00	177,550.00	3
03/01/2036	***		T.	*	*	*	52,725.00	52,725.00	9))	•
09/01/2036	(01)-	70,000.00	68,844.30	3,000	3.125341	98.349000	52,725.00	122,725.00	175,450.00	•
03/01/2037	* 000 000 100 *	. 00 000 100 1	1000000	, 000	000000	0000000000	51,675,00	1 125 275 00	1188 350 00	
03/01/2037	1,365,000.00(01)	00.000,680,1	1,067,086.63	3.000	3.120000	30.243000	35 400 00	35 400.00	,	
09/01/2038		1 150.000 00	1 127 000 00	3.000	3.140000	98.000000	35,400.00	1,185,400.00	1,220,800.00	j.
03/01/2039	X *		•		*	•0	18,150.00	18,150.00		•
09/01/2039	*	1,210,000.00	1,181,347.20	3.000	3.160000	97,632000	18,150.00	1,228,150.00	1,246,300.00	D)
Total	1,365,000.00	11,725,000.00	11,730,118.60				4,709,762.50	16,434,762.50	16,434,762,50	13,496,562,50
Acc Int							•			
Grand Ttls	1,365,000.00	11,725,000.00	11,730,118.60				4,709,762.50	16,434,762.50	16,434,762.50	13,496,562.50
- Bonds callable TIC (Incl. all expenses)	09/0 (penses) 3.38643528%	09/01/2024@100.000 528% Average Coupon	3.000000000%	%0						
TIC (Arbitrage TIC)	TIC) 3.03998578%		(yrs) 13.39		IRS Form	8038-G NIC = 3	IRS Form 8038-G NIC = 3.010757% (with Adjstmnt of \$0.00)	stmnt of \$0.00).		

			7
Term Bond Maturities			06/26/2019 @ 11:48 v10.9 Run "F"
	NIC = 2.996740% (with Adjstmnt of \$0.00)	on diagram of the control of the con	Prepared by: Rathmann & Associates, Houston, Texas 066
	13.321362	e marked by "(nn)" whe	
	5,992.08 WAM (yrs)	ective sinking payments a	HC_MUD368: NEW2019REF
Maturity Dates	Bond Years 156,992.08	Term bonds and their resp	

	PV of Savings 3.38643528%	28,423.89	16,736.80	45,389.26	45,254.27	45,078.69	40,522.47	40,273,61	39,857.87	39,425.68	36,971.53	35,864.19	37,357.77	39 753 12	31,254.68	29,675.63	28,166.77	26,725.22	30,796.61	28,380.15	28,058.99	\$735,757.18	\$735,757.18		11.00
	Cumulative Savings(1)	29,050.00	46,087.50	93,937.50	143,287.50	194,137,50	241,337.50	289,862.50	339,537.50	390,362.50	439,637.50	489,112.50	543,387.50	665 587 50	715,362.50	764,237.50	812,212.50	859,287.50	915,462.50	969,087.50	1,024,037,50				### 4 O O O O O O O O O O O O O O O O O
(þa	FY Begins 01/01 Savings	29,050.00	17,037.50	47,850.00	49,350.00	50,850,00	47,200.00	48,525.00	49,675.00	50,825.00	49,275.00	49,475.00	54,275.00	61,073.00	49,775.00	48,875.00	47,975.00	47.075.00	56,175.00	53,625.00	54,950.00	\$1,024,037.50	\$1,024,037.50		
(A3, Non-BQ Insure	Escrowed Debt	224,050.00	448,100.00	448,100.00	448,100.00	498,100.00	531,450.00	528,575.00	525,525.00	1,062,475.00	1,060,525.00	1,059,725.00	00.828,208,1	2 395,525.00	231,525.00	228,525.00	225,525.00	222,525.00	1,244,525.00	1,274,425.00	1,301,250.00	\$17,653,800.00	\$17,653,800.00	\$0.00 New Funds.	
ty of Houston Ordinance - Section 3.01 - Calendar Year (A3, Non-BQ Insured)	Total Debt Service		431,062.50	400,250.00	398,750.00	447,250.00	484,250.00	480,050.00	475,850.00	1,011,650.00	1,011,250.00	1,010,250.00	1,248,650.00	2,334,250.00	181,750.00	179,650.00	177,550.00	175,450.00	1,188,350.00	1,220,800.00	1,246,300.00	\$16,434,762.50	\$16,434,762.50		
inance - Section 3.	Interest Amount		381,062.50	350,250.00	348,750.00	347,250.00	344,250.00	340,050.00	335,850.00	331,650.00	311,250.00	290,250.00	268,650.00	176 400 00	111,750.00	109,650.00	107,550.00	105,450.00	103,350.00	70,800.00	36,300.00	\$4,709,762.50	\$4,709,762.50	-195,000.00 Transfer.	
Houston Ord	Yield		1.820000	1.890000	2.000000	2.100000	2.200000	2.300000	2.400000	2.500000	2.600000	2.700000	2.800000	2,000000	3.145872	3.138104	3.131318	3.125341	3.120000	3.140000	3.160000			(1) Includes: -1	
City of	Coupon		3,000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000			2	
	Proceeds @ Issue Date		50.629.50	51,128.00	51,487.00	103,503.00	145,356.40	144,673.20	143,994.20	696,122.80	713,237.00	730,180.80	989,212.00	2,104,783.65	68.844.30	68,844.30	68,844.30	68,844.30	1,067,086.65	1,127,000.00	1,181,347.20	\$11,730,118.60	\$11,730,118.60		
	Maturing Amount		20.000	20,000	20,000	100,000	140,000	140,000	140,000	680,000	700,000	720,000	000'086	2,095,000	70.000	70,000	70,000	70,000	1,085,000	1,150,000	1,210,000	\$11,725,000	\$11,725,000		
	Dates	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2034	2035	2036	2037	2038	2039	99	Acc Int Grnd Total		

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Harris County Municipal Utility District No. 368

Partial Form 8038-G Report (Rev. September 2011) City of Houston Ordinance - Section 3.01 - Calendar Year (A3, Non-BQ Insured) Dated Date = 08/01/2019 Series 2019 Refunding Bonds Delivery Date = 08/01/2019

Part III Description of Obligations. (Complete for the entire issue for which this form is being filed.)

(a) Final maturity date	(b) Issue price	(c) Stated redemption price at maturity	(d) Weighted average maturity	(e) Yield
09/01/2039	\$11,730,118.60	\$11,725,000.00	13.321 years	3.039986%

Part IV Uses of Proceeds of Bond Issue (including underwriters' discount)

XX			
22 Proceeds used for accrued interest		22	0.00
23 Issue price of entire issue (enter amount from line 21, column (b))		23	11,730,118.60
24 Proceeds used for bond issuance costs (including underwriters' discount)	24	428,087.50 ##	
25 Proceeds used for credit enhancement	25	52,919.94 ##	
26 Proceeds allocated to reasonably required reserve or replacement fund	92	0.00	
27 Proceeds used to currently refund prior issues	27	11,246,827.43 ##	
28 Proceeds used to advance refund prior issues	28	## 00.00	
29 Total (add lines 24 through 28)		58	11,727,834.87
30 Nonrefunding proceeds of the issue (subtract line 29 from line 23 and enter amount here)	iount here)	30	2,283.73

Part V Description of Refunded Bonds (Complete this part only for refunding bonds.)

31 Enter the remaining weighted average maturity of the bonds to be currently refunded	\ !!	13.7931 years
32 Enter the remaining weighted average maturity of the bonds to be advance refunded	î	0.0000 years
33 Enter the last date on which the refunded bonds will be called (MM/DD/YYYY)	(1)	09/01/2019
34 Enter the date(s) the refunded hands were issued >> (mm/dd/vvvv)		See each issue's O/S

Note: \$195,000.00 in transerred dollars were allocated to adjust downward the amounts reflected in lines 27 & 28.

Dates Face (Briggs) Control (Briggs)	City of Dated Date 08/01/2019 City of Dated Date 08/01/2019 Face Bondholder(+) and Date 08/01/2019 Proceeds to: Integrated and Date 08/01/2019 Integrated and Date 08/01/2019 Amounts Issuer(-) and Date 08/01/2018 Issuer(-) and Date 08/01/2018 Issuer(-) and Date 08/01/2018 0.00 0.00 -11/730.118.60 0.00 0.00 0.00 0.00 0.00 51,128.00 0.00 0.00 0.00 0.00 100,000.00 144,872.00 0.00 140,000.00 144,873.00 0.00 0.00 144,000 0.00 140,000.00 144,673.20 0.00 0.00 144,673.20 0.00 0.00 143,994.20 0.00 0.00 143,994.20 0.00 0.00 143,994.20 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00		The line age in the	00	-		
Face Posceletts Posceletts Total Describediet Total Bondholder(+) Recoverable Total Bondholder(+) Recoverable Total Bondholder(+) Recoverable Total Bondholder(+) Rescribed(+) Recoverable(+)	Face Bondholder(+) Bondholder(+) Interest to: Interest to: Reace Bondholder(+) Bondholder(+) Bondholder(+) Bondholder(+) Bondholder(+) Proceeds to: 0.00 0.00 0.00 205.187.50 0.00 0.00 0.00 206.187.50 0.00 175.125.00 0.00 0.00 174.375.00 175.125.00 0.00 174.375.00 0.00 0.00 10.00 174.375.00 0.00 174.375.00 0.00 174.375.00 0.00 174.375.00 0.00 174.375.00 0.00 174.375.00 0.00 174.375.00 0.00 174.375.00 0.00 174.375.00 0.00 174.375.00 0.00 174.375.00 0.00 174.375.00 0.00 174.375.00 0.00 174.375.00 0.00 174.375.00 0.00 172.125.00 0.00 172.125.00 0.00 172.125.00 0.00 172.125.00 0.00 172.125.00 0.00 172.125.00 0.00 0.00 173.232.0 0.00		n - Calendar Year (As, funding Bonds	Delivery Date 0	// 8/01/2019		
Section Sect	50,000	Interest to: Re Bondholder(+) F		Disc Term and Adjstmt or VId Calc	BAB "Direct Pymt" Adiustment	Total (1) Adjusted Cash Flow	PV of Adj D/S to 08/01/2019 @ 3.03998578%
0.00 0.00 <th< th=""><th>0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0</th><th>00.0</th><th>8</th><th>0.00</th><th>0.00</th><th>-11,730,118.60</th><th>-11,730,118.60</th></th<>	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	00.0	8	0.00	0.00	-11,730,118.60	-11,730,118.60
SGORDOO SQUESTS 7.15,126.00 0.00 0.00 0.00 0.00 175,126.	50,000.00 50,629,50 175,125,00 0.00 51,128,00 175,125,00 0.00 0.00 173,125,00 0.00 0.00 173,125,00 0.00 0.00 174,375,00 0.00 0.00 173,625,00 0.00 103,503,00 172,125,00 0.00 0.00 172,125,00 0.00 144,673,20 170,025,00 0.00 144,673,20 170,025,00 0.00 144,673,20 170,025,00 0.00 144,673,20 170,025,00 0.00 143,994,20 167,925,00 0.00 143,994,20 167,925,00 0.00 143,994,20 167,925,00 0.00 0.00 165,825,00 0.00 0.00 143,994,20 0.00 134,325,00 143,942,20 0.00 100 143,994,20 0.00 100 143,994,20 0.00 119,625,00 0.00 100 0.00<	205,187.50	205,187.50	0.00	0.00	205,187,50	201,607.83
0.00 0.00 175,125.00 0.00 175,125.00 0.00	0.00 51,128.00 175,125.00 50,000,00 51,487.00 174,375.00 0.00 0.00 174,375.00 0.00 0.00 173,625.00 0.00 0.00 173,625.00 100,000,00 103,503.00 172,125.00 0.00 172,125.00 172,125.00 0.00 144,573.20 170,025.00 0.00 144,573.20 170,025.00 0.00 144,573.20 170,025.00 0.00 144,573.20 170,025.00 0.00 0.00 167,825.00 0.00 144,573.20 167,255.00 0.00 143,994.20 167,825.00 0.00 143,994.20 165,825.00 0.00 0.00 155,625.00 0.00 143,394.20 145,125.00 0.00 143,394.20 145,125.00 0.00 134,325.00 134,325.00 0.00 100 119,625.00 0.00 100 119,625.00 0.00 <td< td=""><td>175,875.00</td><td>225,875.00</td><td>00.00</td><td>00:0</td><td>225,875.00</td><td>218,611.54</td></td<>	175,875.00	225,875.00	00.00	00:0	225,875.00	218,611.54
6000000 51,128.00 174,375.00 0.00 252,125.00 0	50,000,00 51,128,00 175,125,00 0,00 51,487,00 174,375,00 0,000 174,375,00 0,00 0,000 173,625,00 0,000 173,625,00 1,00,000,00 145,363,00 173,625,00 1,00,000,00 145,363,00 170,255,00 1,00,000,00 144,673,20 170,025,00 1,00,000,00 143,894,20 167,825,00 0,00 143,894,20 167,825,00 0,00 143,894,20 165,825,00 0,00 0,00 165,825,00 0,00 143,125,00 165,825,00 0,00 145,125,00 165,825,00 0,00 145,125,00 145,125,00 0,00 145,125,00 134,325,00 0,00 145,125,00 134,325,00 0,00 1980,000,00 2,104,783,65 119,625,00 0,00 0,00 134,325,00 0,00 1,00 134,325,00 0,00 0,00 2,125,000,00 0,00<	175,125.00	175,125.00	00:00	00:0	175,125.00	166,955.79
50,000 114,375,00 0.00 174,375,00 0.00 174,375,00 0.00 174,375,00 0.00 174,375,00 0.00 174,375,00 0.00 174,375,00 0.00 173,825,00 0.00	0.00 51,487.00 174,375.00 0.00 103,503.00 173,625.00 0.00 100,000.00 103,503.00 173,625.00 100,000.00 0.00 173,625.00 173,625.00 0.00 0.00 170,025.00 170,025.00 140,000.00 145,356.40 172,125.00 170,025.00 0.00 0.00 143,994.20 167,925.00 167,925.00 0.00 0.00 143,994.20 167,925.00 167,925.00 167,925.00 0.00 0.00 165,825.00 </td <td>175,125.00</td> <td>225,125,00</td> <td>00.00</td> <td>0.00</td> <td>225,125.00</td> <td>211,409.98</td>	175,125.00	225,125,00	00.00	0.00	225,125.00	211,409.98
10,000,000 1,44,370 1,44,370 1,44,370 1,44,370 1,000 1,34,350 1,34,350	50,000.00 51,487.00 174,375.00 0.00 1.00 173,625.00 0.00 0.00 172,125.00 0.00 0.00 172,125.00 0.00 0.00 170,025.00 0.00 0.00 170,025.00 0.00 0.00 170,025.00 0.00 0.00 167,925.00 0.00 0.00 167,925.00 0.00 0.00 167,925.00 0.00 0.00 167,925.00 0.00 167,925.00 0.00 143,994.20 165,825.00 0.00 165,825.00 0.00 165,825.00 0.00 144,122.30 145,125.00 0.00 0.00 144,125.00 0.00 0.00 134,325.00 0.00 0.00 134,325.00 0.00 0.00 134,325.00 0.00 0.00 134,325.00 0.00 0.00 119,625.00 0.00 0.00 10.00	174,375.00	174,375.00	0.00	0.00	174,375.00	161,300.01
140,000,00 103,603,00 173,825,00 0.00 173,825,00 0.00 173,825,00 0.00 173,825,00 0.00 173,825,00 0.00 173,825,00 0.00 173,825,00 0.00 0.00 173,825,00 0.0	100,000,000 103,503,000 173,625,000 100,000,000 100,000 173,625,000 100,000 174,635,000 172,125,000 170,0025,000 0.000 174,00025,000 0.000 174,00025,000 170,0025,000 0.000 174,00025,000 174,0000,000 1	174,375.00	224,375.00	0.00	0.00	224,375.00	204,443.39
100,000,00 103,135,00 173,125,00 0.00 273,125,00 0.00 0.00 0.00 173,125,00 0.00	100,000,000 103,503,000 172,125,000 1000 0.000 172,125,000 170,025,000 0.000 170,025,000 0.000 170,025,000 0.000 170,025,000 0.000 170,025,000 0.000 170,025,000 0.000 170,025,000 0.000 170,025,000 0.000 170,025,000 0.000 170,025,000 0.000 170,025,000 0.000 0.000 170,025,000 0.000 170,025,000 0.000 170,025,000 0.000 0.000 170,025,000 0.000 0.000 170,025,000 0.000 0.000 170,025,000 0.000 0.000 170,025,000 0.000 0.000 170,025,000 0.000 0.000 0.000 170,025,000 0.000 0	173,625.00	173,625.00	0.00	0.00	173,625.00	155,832.95
140,000,004 145,356,40 172,125.00 0.00 312,175.00 0.00 0.00 0.00 134,325.00 1.00 0.00 170,025.00 0.00 0.00 0.00 0.00 134,325.00 1.00 0.00 0.00 170,025.00 0.00 0.00 0.00 0.00 134,325.00 1.00 0.00 0.00 0.00 0.00 0.00 134,325.00 1.00 0.00 0.00 0.00 0.00 0.00 134,325.00 1.00 0.00 0.00 0.00 0.00 0.00 134,325.00 1.00 0.00 0.00 0.00 0.00 0.00 0.00 134,325.00 1.00 0.00 0.00 0.00 0.00 0.00 134,325.00 1.00 0.00	140,000,000 145,356,40 172,125,00 0.00 0.00 170,025,00 0.00 0.00 170,025,00 0.00 0.00 170,025,00 0.00 0.00 0.00 170,025,00 0.00 0.00 0.00 167,925,00 0.00 0.00 165,825,00 0.00 0.00 165,825,00 0.00 0.00 165,825,00 0.00 0.00 0.00 155,625,00 0.00 0.00 0.00 145,125,00 0.00 0.00 0.00 134,325,00 0.00 0.00 0.00 134,325,00 0.00 0.00 0.00 134,325,00 0.00 0.00 0.00 0.00 134,325,00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	173,625.00	273,625.00	0.00	00.0	175 125 00	149 895 23
140,000,000	140,000,00	122 125 00	312 125 00	000	000	2 692 125 00	2 309 338.01
140,000,00	140,000,00 144,673.20 140,000,00 0.00 0.00 0.00 143,994.20 167,925.00 0.00 0.00 165,825.00 166,825.00 0.00 0.00 0.00 173,237.00 155,625.00 145,125.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	170,025,00	170.025.00	00.0	00.0	134.325.00	113,500.44
140,000,00 143,925,00 167	140,000.00 143,994.20 167,925.00 10.	170.025.00	310.025.00	0.00	00:00	134,325.00	111,801.07
140,000,00 143,994,20 187,925,00 0.00 337,925,00 0.00 134,325,00 1 0,00 0,00 165,825,00 0.00 0.00 0.00 134,325,00 1 0,00 0,00 165,825,00 0.00 0.00 0.00 134,325,00 1 0,00 0,00 0,00 0.00 0.00 0.00 134,325,00 1 0,00 0,00 0,00 0.00 0.00 0.00 134,325,00 1 0,00 0,00 0,00 0.00 0.00 0.00 134,325,00 1 0,00 0,00 0,00 0,00 0.00 0.00 134,325,00 1 0,00 0,00 0,00 145,125,00 0,00 0.00 134,325,00 1 0,00 0,00 145,125,00 0,00 0.00 0.00 134,325,00 1 0,00 1,00 144,125,00 0,00 0.00 0.00 134,325,00 1	140,000.00 143,994.20 16,825.00 0.00 0.00 165,825.00 0.00 173,237.00 155,625.00 0.00 0.00 173,237.00 145,125.00 0.00 0.00 173,237.00 145,125.00 0.00 0.00 134,325.00 0.00 0.00 134,325.00 0.00 0.00 0.00 196,25.00 0.00 0.00 196,25.00 0.00 0.00 196,25.00 0.00 0.00 196,25.00 0.00 0.00 196,25.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	167,925.00	167,925.00	0.00	0.00	134,325.00	110,127.15
680,0000 690 690 600 165,825.00 165,825.00 165,825.00 165,825.00 173,225.00 134,325.00 13	680,000.00 686,122.80 165,825.00 1.00 0.00 155,625.00 1.00 0.00 155,625.00 1.00 0.00 1.00 155,625.00 1.00 0.00 1.00 155,625.00 0.00 0.00 145,125.00 1.00 0.00 134,325.00 1.00 0.00 134,325.00 0.00 0.00 134,325.00 0.00 0.00 134,325.00 0.00 0.00 119,625.00 0.00 0.00 119,625.00 0.00 0.00 119,625.00 0.00 0.00 0.00 119,625.00 0.00 0.00 0.00 119,625.00 0.00 0.00 0.00 119,625.00 0.00 0.00 0.00 119,625.00 0.00 0.00 0.00 12,825.00 0.00 0.00 0.00 12,825.00 0.00 0.00 0.00 12,725.00 0.00 0.00 0.00 10,00 0.00 10,00 0.00 10,00 0.00 0.	167,925.00	307,925.00	0.00	00:00	134,325.00	108,478,29
660,000,00 696,122.80 165,825.00 0.00 845,825.00 0.00 0.00 144,325.00 1 0,00 713,237.00 135,625.00 0.00 0.00 0.00 0.00 144,325.00 1 0,00 713,237.00 145,125.00 0.00 0.00 0.00 0.00 144,325.00 1 0,00 0,00 720,000.00 730,190.80 145,125.00 0.00 0.00 0.00 144,325.00 1 0,00 0,00 730,190.80 134,325.00 0.00 0.00 0.00 134,325.00 1 0,00 0,00 145,125.00 0.00 0.00 0.00 0.00 134,325.00 1 0,00 0,00 145,125.00 0.00 0.00 0.00 0.00 134,325.00 1 0,00 0,00 145,125.00 0.00 0.00 0.00 0.00 0.00 134,325.00 1 0,00 0,00 114,4325.00 0.00 0.00 0.00 </td <td>680,000.00 696,122.80 165,825.00 0.00 713,237.00 155,625.00 0.00 0.00 145,125.00 0.00 0.00 145,125.00 0.00 0.00 134,325.00 0.00 0.00 134,325.00 0.00 0.00 134,325.00 0.00 0.00 134,325.00 0.00 2,104,783.65 119,625.00 0.00 2,155,000.00 88,200.00 2,05,000.00 2,155,000.00 88,200.00 0.00 2,155,000.00 88,200.00 0.00 68,844.30 55,875.00 0.00 0.00 55,875.00 0.00 0.00 55,875.00 0.00 0.00 53,775.00 0.00 68,844.30 53,775.00 0.00 0.00 52,725.00 0.00 0.00 53,775.00 0.00 0.00 52,725.00 0.00 0.00 52,725.00 0.00 0.00 52,725.00<td>165,825.00</td><td>165,825.00</td><td>00.00</td><td>00.00</td><td>134,325.00</td><td>106,854,11</td></td>	680,000.00 696,122.80 165,825.00 0.00 713,237.00 155,625.00 0.00 0.00 145,125.00 0.00 0.00 145,125.00 0.00 0.00 134,325.00 0.00 0.00 134,325.00 0.00 0.00 134,325.00 0.00 0.00 134,325.00 0.00 2,104,783.65 119,625.00 0.00 2,155,000.00 88,200.00 2,05,000.00 2,155,000.00 88,200.00 0.00 2,155,000.00 88,200.00 0.00 68,844.30 55,875.00 0.00 0.00 55,875.00 0.00 0.00 55,875.00 0.00 0.00 53,775.00 0.00 68,844.30 53,775.00 0.00 0.00 52,725.00 0.00 0.00 53,775.00 0.00 0.00 52,725.00 0.00 0.00 52,725.00 0.00 0.00 52,725.00 <td>165,825.00</td> <td>165,825.00</td> <td>00.00</td> <td>00.00</td> <td>134,325.00</td> <td>106,854,11</td>	165,825.00	165,825.00	00.00	00.00	134,325.00	106,854,11
0.00 75,625.00 0.00 155,625.00 0.00 155,525.00 143,325.00 144,325.00 <t< td=""><td>0.00 0.00 155,625,00 700,000.00 713,237,00 155,625,00 0.00 0.00 145,125,00 0.00 0.00 134,325,00 0.00 0.00 134,325,00 0.00 0.00 134,325,00 0.00 0.00 134,325,00 0.00 2,104,783,65 119,625,00 0.00 2,155,000,00 88,200,00 0.00 2,155,000,00 88,200,00 0.00 68,844,30 55,875,00 0.00 68,844,30 55,875,00 0.00 68,844,30 55,875,00 0.00 68,844,30 53,775,00 0.00 60,00 53,775,00 0.00 6,00 53,775,00 0.00 6,00 52,725,00 0.00 6,00 52,725,00 0.00 0.00 52,725,00 0.00 0.00 52,725,00 0.00 0.00 52,725,00 0.00 0.00 52,725,00</td><td>165,825.00</td><td>845,825.00</td><td>00.00</td><td>00:00</td><td>134,325.00</td><td>105,254.25</td></t<>	0.00 0.00 155,625,00 700,000.00 713,237,00 155,625,00 0.00 0.00 145,125,00 0.00 0.00 134,325,00 0.00 0.00 134,325,00 0.00 0.00 134,325,00 0.00 0.00 134,325,00 0.00 2,104,783,65 119,625,00 0.00 2,155,000,00 88,200,00 0.00 2,155,000,00 88,200,00 0.00 68,844,30 55,875,00 0.00 68,844,30 55,875,00 0.00 68,844,30 55,875,00 0.00 68,844,30 53,775,00 0.00 60,00 53,775,00 0.00 6,00 53,775,00 0.00 6,00 52,725,00 0.00 6,00 52,725,00 0.00 0.00 52,725,00 0.00 0.00 52,725,00 0.00 0.00 52,725,00 0.00 0.00 52,725,00	165,825.00	845,825.00	00.00	00:00	134,325.00	105,254.25
700,000.00 713,237.00 15,625.00 0.00 865,125.00 0.00 0.00 134,325.00 <t< td=""><td>700,000.00 713,237.00 155,625.00 0.00 0.00 145,125.00 145,125.00 0.00 0.00 145,125.00 1.00 0.00 0.00 134,325.00 0.00 0.00 0.00 134,325.00 0.00 0.00 0.00 119,625.00 0.00 0.00 119,625.00 0.00 0.00 119,625.00 0.00 0.00 0.00 119,625.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00</td><td>155,625.00</td><td>155,625.00</td><td>00.00</td><td>0.00</td><td>134,325.00</td><td>103,678.35</td></t<>	700,000.00 713,237.00 155,625.00 0.00 0.00 145,125.00 145,125.00 0.00 0.00 145,125.00 1.00 0.00 0.00 134,325.00 0.00 0.00 0.00 134,325.00 0.00 0.00 0.00 119,625.00 0.00 0.00 119,625.00 0.00 0.00 119,625.00 0.00 0.00 0.00 119,625.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	155,625.00	155,625.00	00.00	0.00	134,325.00	103,678.35
0.00 0.00 145,125,00 0.00 145,125,00 0.00 144,325,00 144,325,00 0.00 0.00 0.00 134,325,00 134,325,00 0.00 0.00 0.00 134,325,00 0.00 134,325,00 0.00 134,325,00 0.00 134,325,00 0.00 134,325,00 0.00 134,325,00 0.00 134,325,00 0.00 134,325,00 0.00 134,325,00 0.00 134,325,00 0.00 134,325,00 0.00 134,325,00 0.00 134,325,00 0.00 134,325,00 0.00 134,325,00 0.00 134,325,00 0.00 0.00 0.00 134,325,00 15,00 0.00 0.00 134,325,00 15,00 0.00 134,325,00 15,00 0.00 134,325,00 15,00 0.00 134,325,00 134,325,00 0.00 0.00 0.00 134,325,00 135,00 0.00 134,325,00 134,325,00 0.00 134,325,00 0.00 134,325,00 0.00 134,325,00 0.00 134,325,00 0.00 0.0	720,000.00 730,180.80 145,125,00 0.00 0.00 134,325,00 0.00 0.00 0.00 134,325,00 0.00 0.00 0.00 119,625,00 0.00 0.00 0.00 119,625,00 0.00 0.00 0.00 88,200,00 0.00 0.00 68,844.30 55,875,00 0.00 68,844.30 54,825,00 0.00 68,844.30 54,825,00 0.00 68,844.30 54,825,00 0.00 68,844.30 52,725,00 0.00 68,844.30 52,725,00 0.00 0.00 68,844.30 52,725,00 0.00 0.00 52,725,00 0.00 0.00 1,067,086.65 51,675,00 0.00 0.00 35,400.00 0.00 0.00 1,127,000.00 0.00 0.00 35,400.00 0.00 1,127,000.00 18,150,00 0.00 0.00 1,181,347,20 18,150,00	155,625.00	855,625.00	0.00	00'0	134,325.00	102,126.04
720,000,00 730,180.80 145,125.00 0.00 1865,125.00 0.00 134,325.00	720,000.00 730,180.80 145,125.00 0.00 0.00 134,325.00 0.00 0.00 134,325.00 0.00 0.00 196,25.00 2,195,000.00 2,104,783.65 119,625.00 0.00 0.00 88,200.00 2,155,000.00 68,844.30 55,875.00 0.00 0.00 0.00 54,825.00 0.00 0.00 68,844.30 54,825.00 0.00 0.00 68,844.30 53,775.00 0.00 68,844.30 53,775.00 0.00 68,844.30 53,775.00 0.00 68,844.30 53,775.00 0.00 0.00 53,775.00 0.00 0.00 51,675.00 1,085,000.00 1,067,086.65 51,675.00 0.00 0.00 35,400.00 0.00 0.00 1,127,000.00 0.00 1,127,000.00 18,150.00 1,210,000.00 1,181,347.20 18,150.00	145,125.00	145,125.00	00:00	0.00	134,325.00	100,596.98
0,00 0,00 134,325,00 0,00 1,144,325,00 0,00 1,144,325,00 0,00 1,144,325,00 0,00 1,144,325,00 0,00 1,144,325,00 0,00 1,144,325,00 0,00 1,144,325,00 0,00 1,144,325,00 1,144,325,00 0,00 1,144,325,00 1,144,325,00 0,00 1,144,325,00 0,00 1,144,325,00 0,00 1,144,325,00 1,144,325,00 0,00 1,144,325,00 0,00 1,144,325,00 1,144,325,00 0,00 1,144,325,00 0,00 1,144,325,00 0,00 1,144,325,00 0,00 1,144,325,00 0,00 1,144,325,00 0,00 1,144,325,00 0,00 1,144,325,00 0,00 1,144,325,00 0,00 1,144,325,00 0,00 0,00 1,144,325,00 0,00 0,00 1,144,325,00 0,0	0.00 134,325,00 134,325,00 0.00 0.00 134,325,00 0.00 0.00 0.00 134,325,00 0.00 0.00 0.00 119,625,00 0.00 0.00 0.00 119,625,00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	145,125.00	865,125.00	0.00	0.00	134,325.00	99,090.80
980,000,00 989,212.00 1143,235.00 0.00 1,114,325.00 0.00 1,114,325.00 1,11	980,000,00 980,212.00 134,325.00 0.00 0.00 19,625.00 19,625.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	134,325.00	134,325.00	0.00	00'0	134,325.00	97,507.18
0.00 119,625.00 0.00 119,625.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 2.14,625.00 1.5 0.00 0.00 2,15,000.00 0.00 2,14,625.00 0.00 0.00 0.00 2.243,200.00 1.5 0.00 0.00 2,15,000.00 0.00 2,243,200.00 0.00 0.00 2,243,200.00 1.5 0.00 0.00 5,875.00 0.00 1.24,320.00 0.00 2,243,200.00 1.5 0.00 0.00 5,875.00 0.00 1.25,875.00 0.00 0.00 1.24,825.00 1.24,825.00 0.00 1.24,825.00 1.24,825.00 0.00 1.24,825.00 0.00 1.24,825.00 0.00 0.00 1.24,825.00 0.00 1.24,825.00 0.00 0.00 1.24,825.00 0.00 1.24,825.00 0.00 0.00 1.24,825.00 0.00 0.00 1.24,825.00 0.00 0.00	2,095,000,00 2,104,783,65 119,625,00 119,625,00 0.00 0.00 88,200,00 0.00 88,200,00 0.00 88,200,00 0.00 88,200,00 0.00 0.00 88,200,00 0.00 0.00 55,875,00 0.00 0.00 68,844,30 55,875,00 0.00 0.00 0.00 68,844,30 54,825,00 0.00 0.00 0.00 68,844,30 53,775,00 0.00 0.00 68,844,30 53,775,00 0.00 0.00 0.00 52,725,00 0.00 0.00 0.00 51,675,00 0.00 0.00 0.00 51,675,00 0.00 0.00 0.00 35,400,00 0.00 0.00 0.00 35,400,00 0.00 0.00 0.00 0.00 35,400,00 0.00 0.00 0.00 0.00 0.00 0.00 0.	134,325.00	1,114,325.00	0.00	0.00	1,114,325.00	797,500,13
2.085,000,00 2.104,783.65 119,625,00 0.00 2.243,200,00 0.00 2.243,200,00 1.50 0.00 2.243,200,00 1.50 0.00 2.243,200,00 1.5 0.00 2.243,200,00 1.5 0.00 2.243,200,00 1.5 0.00 2.243,200,00 1.5 0.00 2.243,200,00 0.00 2.243,200,00 1.5 0.00 2.243,200,00 1.5 0.00 2.243,200,00 1.5 0.00 2.243,200,00 1.5 0.00 2.243,200,00 1.5 0.00 2.243,200,00 1.5 0.00 0.00 0.00 2.243,200,00 1.5 0.00 0.00 0.00 2.243,200,00 1.5 0.00 0.00 0.00 1.243,200,00 0.00 0.00 1.243,200,00 0.00 1.243,200,00 0.00 2.243,200,00 1.243,200,00 0.00 2.243,200,00 1.243,200,00 0.00 2.243,200,00 0.00 2.243,200,00 0.00 2.243,200,00 0.00 2.243,200,00 0.00 2.243,200,00 0.00 2.243,200,00 0.00 <th< td=""><td>2,095,000,00 2,104,183.65 119,025,00 0,00 2,155,000,00 88,200,00 0,00 0,00 88,200,00 0,00 0,00 55,875,00 70,000,00 68,844,30 55,875,00 70,000,00 68,844,30 54,825,00 70,000,00 68,844,30 54,825,00 70,000,00 68,844,30 52,725,00 70,000,00 68,844,30 52,725,00 1,085,000,00 1,067,086,65 51,675,00 0,00 0,00 35,400,00 0,00 0,00 18,150,00 1,127,000,00 1,127,000,00 18,150,00</td><td>119,625.00</td><td>119,625.00</td><td>0.00</td><td>0.00</td><td>119,625.00</td><td>1 520 040 74</td></th<>	2,095,000,00 2,104,183.65 119,025,00 0,00 2,155,000,00 88,200,00 0,00 0,00 88,200,00 0,00 0,00 55,875,00 70,000,00 68,844,30 55,875,00 70,000,00 68,844,30 54,825,00 70,000,00 68,844,30 54,825,00 70,000,00 68,844,30 52,725,00 70,000,00 68,844,30 52,725,00 1,085,000,00 1,067,086,65 51,675,00 0,00 0,00 35,400,00 0,00 0,00 18,150,00 1,127,000,00 1,127,000,00 18,150,00	119,625.00	119,625.00	0.00	0.00	119,625.00	1 520 040 74
0.00 88,200,00 0.00 88,200,00 0.00 2.243,200,00 0.00 2.243,200,00 1.00 0.00 0.00 2.243,200,00 1.00 0.00 0.00 0.00 0.00 2.243,200,00 1.00 0	2,155,000.00 2,155,000.00 88,200.00 0,00 0,00 0,00 55,875,00 0,00 0,00 58,844,30 55,875,00 0,00 68,844,30 54,825,00 0,00 68,844,30 54,825,00 0,00 0,00 68,844,30 52,725,00 0,00 0,00 68,844,30 52,725,00 0,00 0,00 68,844,30 52,725,00 0,00 0,00 1,067,086,65 51,675,00 0,00 0,00 35,400,00 0,00 0,00 1,127,000,00 18,150,00 1,210,000,00 1,181,347,20 18,150,00	119,625,00	2.214.625.00	0.00	00.0	00.000,000	1,336,043,74
2,155,000,00 2,155,000,00 2,155,000,00 2,155,000,00 2,155,000,00 2,155,000,00 2,155,000,00 2,155,000,00 2,155,000,00 2,155,000,00 2,155,000,00 2,155,00 2,1	2,155,000,00 2,155,000,00 0,00 0,00 0,00 0,00 0,00 0,0	88,200,00	88,200.00	00.0	0.00	2 242 200.00	1 611 602 52
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70,000,00 68,844.30 54,825.00 0.00 54,825.00 0.00 54,825.00 0.00 54,825.00 0.00 54,825.00 0.00 54,825.00 0.00 124,825.00 0.00 124,825.00 0.00 124,825.00 0.00 124,825.00 0.00 124,825.00 0.00 124,825.00 0.00 124,825.00 0.00 0.00 124,825.00 0.00 0.00 124,825.00 0.00 0.00 124,825.00 0.00 0.00 124,825.00 0.00 124,825.00 0.00 0.00 124,825.00 0.00 0.00 124,825.00 0.00 124,825.00 0.00 0.00 123,775.00 0.00 0.00 123,775.00 0.00 0.00 123,775.00 0.00 0.00 123,725.00 0.00 0.00 123,725.00 0.00 0.00 123,725.00 0.00 0.00 123,725.00 0.00 0.00 123,725.00 0.00 0.00 123,725.00 0.00 0.00 0.00 123,725.00 0.00 0.00 0.00 0.00 <td>70,000,00 70,000,00 70,000,00 70,000,00 70,000,00</td> <td>25,0,000</td> <td>125 875 00</td> <td>0.00</td> <td>0.00</td> <td>125.875.00</td> <td>82.300.67</td>	70,000,00 70,000,00 70,000,00 70,000,00 70,000,00	25,0,000	125 875 00	0.00	0.00	125.875.00	82.300.67
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70,000,00 68,844.30 52,725.00 0.00 122,725.00 0.00 122,725.00 0,00 68,844.30 52,725.00 0.00 51,675.00 0.00 51,675.00 0.00 51,675.00 0.00 51,675.00 0.00 51,675.00 0.00 51,675.00 0.00 51,675.00 0.00 1,136,675.00 0.00 1,136,675.00 0.00 1,136,675.00 0.00 1,136,675.00 0.00 1,136,675.00 0.00 1,136,675.00 0.00 1,136,400.00 0.00 1,136,400.00 0.00 1,136,400.00 0.00 1,185,400.00 0.00 1,185,400.00 0.00 1,185,400.00 0.00 1,185,400.00 0.00 1,185,400.00 0.00 1,185,400.00 0.00 1,185,400.00 0.00 1,185,400.00 0.00 1,185,600 0.00 1,185,600 0.00 1,228,150.00 0.00 0.00 1,228,150.00 0.00 0.00 1,228,150.00 0.00 0.00 1,228,150.00 0.00 0.00 1,228,150.00 0.00 0.00 0.00 0.00 <td>70,000.00 68,844.30 52,725.00 0.00 0.00 51,675.00 1,085,000.00 1,067,086.65 51,675.00 0.00 35,400.00 1,120,000.00 1,127,000.00 1,210,000.00 1,181,347.20 18,150.00</td> <td>52,725.00</td> <td>52,725.00</td> <td>0.00</td> <td>00'0</td> <td>52,725.00</td> <td>31,968.52</td>	70,000.00 68,844.30 52,725.00 0.00 0.00 51,675.00 1,085,000.00 1,067,086.65 51,675.00 0.00 35,400.00 1,120,000.00 1,127,000.00 1,210,000.00 1,181,347.20 18,150.00	52,725.00	52,725.00	0.00	00'0	52,725.00	31,968.52
0.00 51,675.00 0.00 51,675.00 0.00 51,675.00 0.00 51,675.00 51,675.00 51,675.00 51,675.00 51,675.00 51,675.00 51,675.00 51,675.00 51,675.00 51,675.00 61,00 51,675.00 61,00 51,675.00 61,00 51,675.00 61,00 51,675.00 61,00 71,36,575.00 61,00 71,36,575.00 61,00 71,36,575.00 61,00 71,36,575.00 61,00 71,36,575.00 61,00 71,36,575.00 61,00 71,36,575.00 61,00 71,36,575.00 61,00 71,36,575.00 61,00 71,36,575.00 61,00 71,36,575.00 61,00 71,36,575.00 61,00 71,36,576.00 61,00 71,36,576.00 61,00 71,228,150.00 61,00 61,00 71,228,150.00 61,00 61,00 71,228,150.00 61,00 61,00 71,228,150.00 61,00 61,00 71,228,150.00 61,00 61,00 61,00 61,00 61,00 61,00 61,00 61,00 61,228,150.00 61,00 61,00 61,00	0.00 0.00 51,675,00 1,085,000.00 1,067,086.65 51,675,00 0.00 35,400,00 1,127,000,00 1,127,000,00 18,150,00 12,10,000,00 1,181,347,20 18,150,00 1	52,725.00	122,725.00	0.00	0.00	122,725.00	73,297.21
1,085,000:00 1,067,086.65 51,675.00 0.00 1,136,675.00 0.00 0.00 1,136,675.00 6 0,00 0.00 35,400.00 0.00 35,400.00 0.00 1,185,400.00 35,400.00 0.00 1,185,400.00 0.00 1,185,000 0.00 1,185,000 0.00 18,150.00 0.00 1,228,150.00 0.00 0.00 1,228,150.00 6.00 0.00 1,228,150.00 6.00 0.00 1,228,150.00 6.00 0.00 1,228,150.00 6.00 0.00 1,228,150.00 6.00 0.00 1,228,150.00 6.00 0.00 1,228,150.00 6.00 0.00 1,228,150.00 6.00 0.00 1,228,150.00 6.00 0.00 1,228,150.00 6.00 0.00 1,228,150.00 6.00 0.00 1,228,150.00 6.00 0.00 1,228,150.00 6.00 0.00 1,228,150.00 6.00 0.00 1,228,150.00 6.00 0.00 1,228,150.00 6.00 0.00 1,228,150.00 6.00 0.00 1,228,150.00	1,085,000.00 1,067,086.65 51,675.00 0.00 0.00 35,400.00 1,127,000.00 35,400.00 0.00 0.00 1,210,000.00 1,181,347,20 18,150.00	51,675,00	51,675.00	0.00	0.00	51,675.00	30,400.68
0.00 0.00 35,400.00 0.00 35,400.00 0.00 35,400.00 0.00 1,185,400.00 0.00 1,185,400.00 0.00 1,185,400.00 0.00 1,185,400.00 0.00 1,185,400.00 0.00 1,185,400.00 0.00 1,185,400.00 0.00 1,185,400.00 0.00 1,185,400.00 0.00 1,185,400.00 0.00 1,185,400.00 0.00 1,185,400.00 0.00 1,228,150.00 0.00 0.00 1,228,150.00 0.00 0.00 1,228,150.00 0	0.00 0.00 35,400.00 1,150,000.00 1,127,000.00 35,400.00 0.00 0.00 18,150.00 1,210,000.00 1,181,347,20 18,150.00	51,675.00	1,136,675.00	0.00	0.00	1,136,675.00	658,699.82
1,150,000,00 1,127,000.00 35,400.00 0.00 1,185,400.00 0.00 1,185,400.00 0.00 1,185,400.00 0.00 1,185,400.00 0.00 18,150.00 0.00 18,150.00 0.00 1,228,150.00 0.00 0.00 1,228,150.00 0.00 0.00 1,228,150.00 0.00 0.00 0.00 1,228,150.00 0.00 0.00 0.00 1,228,150.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	1,150,000,00 1,127,000.00 35,400.00 0.00 0.00 18,150.00 12,10,000.00 1,181,347,20 18,150,00	35,400.00	35,400.00	0.00	0.00	35,400.00	20,207.05
0.00 0.00 18.150.00 18.150.00 18.150.00 17.228.150.00 0.00 0.00 17.228.150.00 0.00 0.00 17.228.150.00 6.00 1	0.00 0.00 18,150.00 18,150.00 1.181,347,20 18,150.00	35,400.00	1,185,400.00	0.00	0.00	1,185,400.00	666,519.72
1,210,000.00 1,181,347.20 18,150.00 0.00 1,228,150.00 0.00 0.00 1,228,150.00 0.00 1,228,150.00	1,210,000.00 1,181,347,20 18,150.00	18,150.00	18,150.00	0.00	0.00	18,150.00	10,052.48
		18,150.00	1,228,150.00	0.00	00:00	1,228,150,00	6/0,033.22

ALPER	52,919.94	lus PV of Bond Insurance	Plus PV of Bon							
- 100	-52,919.94	4,438,843.90	0.00	0.00	16,434,762.50	0.00	4,709,762.50	0.00	11,725,000.00	Totals
	@ 3.03998578%	Cash Flow	Adjustment	for Yld Calc	Debt Service	Fees	(-)Janssj	Issuer(-)	Amounts	Dates
-2	to 08/01/2019	Adjusted	"Direct Pymt"	Bond Adjstmt	Total	Recurring	Bondholder(+)	Bondholder(+)	Face	
_	PV of Adj D/S	Total (1)	BAB	Disc Term		Recoverable,	Interest to:	Proceeds to:		

(1) -- Adjustments to cash flow are based on the following "yield to call" optional redemption schedule: NEW2019REF -- Call the 09/01/2025 maturity on 09/01/2024 @ 100.000 NEW2019REF -- Call the 09/01/2026 maturity on 09/01/2024 @ 100.000 NEW2019REF -- Call the 09/01/2027 maturity on 09/01/2024 @ 100.000 NEW2019REF -- Call the 09/01/2028 maturity on 09/01/2024 @ 100.000 NEW2019REF -- Call the 09/01/2029 maturity on 09/01/2024 @ 100.000

(2) Results reflected here are based on the 'NEW' Treasury regulations effective 10/17/2016.

PV HC_MUD368: NEW2019REF

Harris County Municipal Utility District No. 368
Escrow Coverage Analysis - Investment Receipts vs. Cash Requirements
City of Houston Ordinance - Section 3.01 - Calendar Year (A3, Non-BQ Insured)
Escrow Start Date is 08/01/2019

	-		65.00	00	00.0				
	Escrow	Fund Balance	65.	11,454,050.00	Ö				
	Cash Draw	Required	00'0	0.00	11,454,050.00	\$11,454,050.00	11,394,068.43 47,693.97 65.00	\$11,441,827.40	1.28531819% 1.28531858% 11,230,000.00 08/01/2019
	Other	Investments	0.00	0.00	0.00		₩	Ĭ	, SLGs)
Idle \$ Days	(Idle #Days	x Bal / \$1,000)	1.95	11,454.05	0.00	\$11,456.00	Cost of Securities Purchased for Escrow Accrued Interest of Securities Purchased for Escrow Initial Cash Deposit to Escrow		Investment YLD (Based on Proceeds Arrival Dates) Arbitrage YLD (Final Maty(s) May be "Rolled" into 0% SLGs) Principal Amount of Bonds Defeased Settlement Date for Investments
	Escrow	Coupon Interest	00:0	56,985.00	00:00	\$56,985.00	Cost of Securities Purchased for Escrow Accrued Interest of Securities Purchased Initial Cash Deposit to Escrow	Total Cost of Escrow	Investment YLD (Based on Proceeds Arrival Dates) Arbitrage YLD (Final Maty(s) May be "Rolled" into 0 Principal Amount of Bonds Defeased Settlement Date for Investments
	Escrow	Maturing Amounts	00:00	11,397,000.00	0.00	\$11,397,000.00	Cost Accrr Initial		Inves Arbiti Princ Settle
		Dates	08/01/2019	08/31/2019	09/01/2019	Totals			

Prepared by: Rathmann & Associates, Houston, Texas HC_MUD368: RUN2019REF OMS2019CAN AGG2019REF OMS2019ESC

06/26/2019 @ 11:48 v10.9 -- Run "F"

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Harris County Municipal Utility District No. 368 Open Market Securities -- Settlement Date of 08/01/2019 City of Houston Ordinance - Section 3.01 - Calendar Year (A3, Non-BQ Insured)

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Name/CUSIP	(Maturity)	Amount	Rate	\$ Price	Yield/DR	Principal Cost	Accrued Interest	Total Cost	20137
U.S. T-Notes 912828TN0	08/31/2019	11,397,000	1.000000	99.974278	1.310380	11,394,068.43	47,693.97	47,693.97 11,441,762.40	
fotals		\$11,397,000			(18)	\$11,394,068.43	\$47,693.97	\$11,441,762.40	

WAM = 0.083 yrs Yield = 1.28532174

06/26/2019 @ 11:48 v10.9 -- Run "F" Prepared by: Rathmann & Associates, Houston, Texas HC_MUD368: OMS2019ESC

						Description 9.	100.000	
o. 368 , Non-BQ insured) Data are to Maturity						Data Erom Data To		06/26/2019 @ 11:48 v10.9 Run "F"
Harris County Municipal Utility District No. 368 Aggregation Spreadsheet Report City of Houston Ordinance - Section 3.01 - Calendar Year (A3, Non-BQ Insured) Principal Amounts Bonds to Refund Data are to Maturi						Dort Flax		Prepared by: Rathmann & Associates, Houston, Texas
Harris County Aggree City of Houston Ordinance Data are Principal Amounts	OLD2012R OLD2012REFR	000		50,000.00 620,000.00 75,000.00 865,000.00 75,000.00 1,995,000.00 75,000.00 2,075,000.00 75,000.00	75,000.00 75,000.00 75,000.00 1,100.000.00 1,175,000.00 1,250,000.00	\$4,400,000.00 \$6,830,000.00	Series 2012 Unlimited Tax Bonds to Refund Series 2012 Refunding Bonds to Refund	HC_MUD368: AGG2019REF Prepared by: Rath
	Totals	0.00	62,000,00 85,000,00 85,000,00 625,000,00	670,000.00 940,000.00 2,070,000.00 2,150,000.00 75,000.00	75,000.00 75,000.00 75,000.00 1,100,000.00 1,175,000.00		\$4,400,000.00 Se \$6.830,000.00	нс_мирзев
	FY Ends 12/31	2019 2020 2021 2021 2022 2023	2024 2025 2026 2027 2028	2029 2030 2031 2032 2033	2034 2035 2036 2037 2038 2039	Totals	OLD2012R OLD2012REFR	

Maturities Redemptions									
	tions	Proceeds	Coupon Rate	Yield	Price	Interest	Total Debt Service	FY(ends 12/31) Debt Service	Debt Service to Call
	S. O.	٠	, 00	90000	000000	89,150.00	89,150.00	00 000 871	89,150.00
£			000.7	2.000000	33.333000	89,150,00	89,150.00	00,000,00	1,463,130,00
£	#/ (0	\$ *	2.700	2.800000	99.283000	89,150,00	89,150.00	178,300.00	[8]
[-		3.000	3.000000	100.000000	89,150.00	89,150.00	178,300.00	
<u>:</u>	×	*	34	*	*	89,150.00	89,150.00	*	ř.
	•	9.	3.300	3.416306	99,017000	89,150.00	89,150.00	178,300.00	9. 3
-(01) 50,0	50,000.00	49,508.50	3.300	3.407423	99.017000	89,150.00	139,150.00	228,300.00	51° 80
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	00,000,00	43,306.30	3.500	2,400000	000710.88	87,500,00	87,500.00	00:00:057	6.5
-(02) 50,0	. 00.000,05	49,428.00	3.650	3.761641	98.856000	87,500.00	137,500.00	225,000.00	T M
	30:	3		9		86,587.50	86,587.50	•	•
-(02) 50.(50,000.00	49,428.00	3.650	3.755434	98.856000	86,587.50	136,587.50 85.675.00	223,175.00	
150,000.00(02) 50,0	50,000.00	49,428.00	3.650	3.750000	98.856000	85,675.00	135,675.00	221,350.00	•
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-(03) 75,0	75,000.00	75,000.00	4.000	4.000000	100.000000	81,262.50	156,262.50	237,525.00	•
325 000 00(03) 75 (* 00 000 75	75,000,00	4 000	4 00000	100 000000	79,762.50	79,762.50	234 525.00	
	0000	00:000	000	000000		78,262,50	78,262.50		E ₩
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	10 10	*8	£0.	•		76,762.50	76,762.50		AT:
-(04) 75,0	. 2,000.00	73,858.50	4.000	4.105480	98.478000	75 262 50	75,762,50	00.626,822	82 B
-(04) 75,0	75,000.00	73,858.50	4.000	4.102631	98.478000	75,262.50	150,262.50	225,525.00	3.5
		20	ĸ	Ð	9)	73,762.50	73,762.50		•
300,000.00(04) 75,0	75,000.00	73,858.50	4.000	4.100000	98.478000	73,762.50	148,762.50	222,525.00	M. W
-(05) 1,100,0	1,100,000.00	1,091,090.00	4.100	4.152218	99.190000	72,262.50	1,172,262.50	1,244,525.00	
		(1)	*		*100	49,712.50	49,712.50	•	10
-(05) 1,175,0	1,175,000.00	1.165,482.50	4.100	4.151069	99.190000	49,712.50	1,224,712.50	1,274,425.00	•
3,525,000.00(05) 1,250,0	1,250,000,00	1,239,875.00	4.100	4.150000	99.190000	25,625.00	25,625.00 1,275,625.00	1,301,250.00	. 397
4,400,000.00 4,400,0	4,400,000.00	4,364,182.50				3,315,600.00	7,715,600.00	7,715,600.00	4,578,300.00
	4 400 000 00	4 354 182 50				3.308.666.11	-6,933.89	7.715.600.00	4,578,300.00

			FILE WIFE
Term Bond Maturities	2% (with Adjstmnt of \$0.00). of \$0.00).	bond,	06/26/2019 @ 11:48 v10.9 Run "F"
	IRS Form 8038-G NIC = 4.137942% (with Adjstrnnt of \$0.00). NIC = 4.103994% (with Adjstrnnt of \$0.00).	Term bonds and their respective sinking payments are marked by "(rn)" where each "nn" integer identifies a term bond.	Prepared by: Rathmann & Associates, Houston, Texas
	4.07085806%) 24.57 24.526316	orked by "(nn)" wt	Prepared by: Ra
	Average Coupon 4.070858 Average Life (yrs) 24.57 WAM (yrs) 24.526316	g payments are mi	HC_MUD368: OLD2012R
Maturity Dates	TIC (Incl. all expenses) 4.11885065% TIC (Arbitrage TIC) 4.11885065% Bond Years 108,091.67	Term bonds and their respective sinkin	HC_MUD

	-	Dated Date = 03/01/2012)				۱			
Maturity	Term Bond Maturities	Bond Redemntions	Proceeds	Coupon	Yield	Price	Interest	Total Debt Service	FY(ends 12/31) Debt Service	Debt Service to Call
03/01/2019						*:	134,900.00	134,900.00		134,900.00
09/01/2019	30		*	4.000	2.260000	111.826000	134,900.00	134,900.00	269,800.00	6,964,900.00
03/01/2020	9	394	Ä	6	•	it.	134,900.00	134,900.00	1.0	
09/01/2020	•	•.		4.000	2.500000	110.102000	134,900.00	134,900.00	269,800.00	
03/01/2021	*	*(<i>E</i>	*	٠	•	134,900.00	134,900.00	•	
09/01/2021		•		4.000	2.700000	108.688000	134,900.00	134,900.00	269,800.00	40
03/01/2022	٠	: -	7	2.00	10	(A	134,900.00	134,900.00	2.5	
09/01/2022	-(01)	Š.,,		2.750	3.020439	97,596000	134,900.00	134,900.00	269,800.00	•
03/01/2023	*	*			ř	86	134,900.00	134,900.00	■ (2) No. 2007 (2007	•
09/01/2023	(10)-	•	3	2.750	3.000000	97.596000	134,900.00	134,900.00	269,800.00	
03/01/2024	•	(2.00)	11.57		•	•	134,900.00	134,900.00	18	•
09/01/2024	-(02)	35,000.00	34,587.70	3.500	3.618368	98.822000	134,900,00	169,900.00	304,800.00	D.
03/01/2025	•	*	*		•		134,287.50	134,287.50	**	
09/01/2025	-(05)	35,000.00	34,587.70	3.500	3.611328	98.822000	134,287.50	169,287.50	303,575.00	•
03/01/2026	•					((•).	133,675.00	133,675.00		*
09/01/2026	-(02)	35,000.00	34,587.70	3.500	3.605281	98.822000	133,675.00	168,675.00	302,350.00	
03/01/2027	8	:×	3	*	3	•	133,062.50	133,062.50	•	•
7202/10/60	680,000.00(02)	• 00.000,575	568,226.50	3.500	3,600000	98.822000	133,062.50	708,062,50	841,125.00	•
03/01/2028	•))	**	9		020	. (0.	123,000.00	123,000.00	•	•
09/01/2028	٠	. 00.000.565	606,477.55	4.000	3.700000	101.929000	123,000.00	718,000.00	841,000.00	
03/01/2029		*	·		•	*	111,100.00	111,100.00	•	•
09/01/2029		620,000.00	627,936.00	4.000	3.800000	101.280000	111,100.00	731,100.00	842,200.00	3.
03/01/2030	*	**	2		Ñ	11.	98,700.00	98,700.00	:: • ::	•
09/01/2030	×	\$65,000.00	870,501.40	4.000	3.900000	100.636000	98,700.00	963,700.00	1,062,400.00	•0
03/01/2031	4	•	i.i.	4	٠		81,400.00	81,400.00		
09/01/2031		1,995,000.00	1,995,000.00	4.000	4.000000	100.000000	81,400.00	2,076,400.00	2,157,800.00	•
03/01/2032	ř	*:	Ñ	¥	•))	•0)	41,500.00	41,500.00	(1*7)	13•0)
09/01/2032	ř	2,075,000.00	2,060,620.25	4.000	4.050000	99.307000	41,500,00	2,116,500.00	2,158,000.00	•
Total	680,000.00	6,830,000.00	6,832,524.80				3,332,250.00	10,162,250.00	10,162,250.00	7,099,800.00
Acc Int	18		Ř				-20,984.44	-20,984.44		•
Grand Ttls	680,000.00	6,830,000.00	6,832,524.80				3,311,265.56	10,141,265.56	10,162,250.00	7,099,800.00
. Bonds callable		09/01/2019@100.000								
TIC (Incl. all expenses)	penses) 3.95413458%	% Average Coupon	3.95978667%	%						
TIC (Arbitrage T			·s) (2		IRS Form 8	038-G NIC = 3.	RS Form 8038-G NIC = 3.957439% (with Adjstmnt of \$0.00),	stmnt of \$0.00).		
Bond Years	128,440.00	WAM (yrs)	18.722529		NIC = 3.95	1821% (WITH AG	NIC = 3.95/821% (with Adjstmnt of \$0.00).			

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Prepared by: Rathmann & Associates, Houston, Texas

HC_MUD368: OLD2012REFR



P.O BOX 11750 SPRING, TEXAS 77391-1750 281-374-8989

OPERATIONS REPORT

For

HARRIS COUNTY MUD #368

JULY 2, 2019 BOARD MEETING

MONTHLY ACTIVITY REPORT FOR HARRIS COUNTY MUNICIPAL UTILITY DISTRICT # 368

COLLECTIONS DATE RANGE: May 17, 2019 thru June 20, 2019

Water Collections:	\$ <u>78,068.48</u>
Sewer Collections:	163,387.83
NHCRWA Fees:	108,065.90
Security Service Fees	18,236.89
Late Letter Fees:	3,137.72
Penalties:	6,934.48
Deposits:	8,337.77
Transfer Fees:	1,204.71
Miscellaneous:	<u>56.67</u>
Unapplied Payments/Overpayments:	2,335.95

TOTAL COLLECTIONS:

\$392,796.75

CURRENT BILLING DUE FOR PERIOD ENDING June 13, 2019:

 Water:
 \$ 82,527.50

 Sewer:
 161,806.10

 NHCRWA Fees:
 140,826.28

 Security Service Fee:
 20,730.00

TOTAL CURRENT BILLING:

\$405,889.88

PREPARED BY: EAGLE WATER MANAGEMENT, INC.

HARRIS COUNTY MUD #368 JULY 2019 MEETING

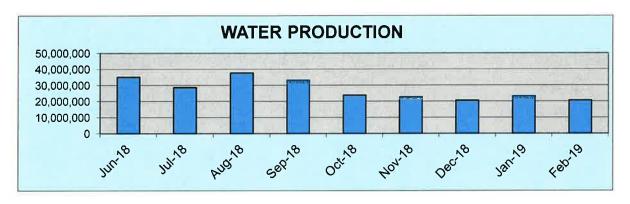
WASTE TREATMENT PLANT USAGE: INTERCONNECT USAGE DELIVERED: LINE FLUSHINGS: FIRE HYDRANT FLUSHINGS: UNAUTHORIZED CONSUMPTION: (Theft - estimate) STORAGE TANK DRAINING/FLUSHING: (Overflow) HYDROPNEUMATIC TANK REFILLS: MAIN BREAKS: (Estimate) SERVICE LINE LEAKS: WATER MAIN FILLINGS: FIRE HYDRANT METER RENTAL USAGE: OTHER: WELL FLUSHING/BOV TOTAL WATER LOSSES FOR BILLING CYCLE: TOTAL NET GALLONS PUMPED: GALLONS BILLED FOR BILLING CYCLE: ADDITIONAL INFORMATION: NUMBER OF CONNECTION ACCOUNTS RESIDENTIAL COMMERCIAL 3,833 COMMERCIAL 3,833		Billing Period: May 13, 2019 thru June 13, 2019	GALLONS	GALLONS
RECEIVED FROM NHCRWA TOTAL GALLONS PUMPED: WATER LOSSES LI WASTE TREATMENT PLANT USAGE: INTERCONNECT USAGE DELIVERED: LINE FLUSHINGS: FIRE HYDRANT FLUSHINGS: UNAUTHORIZED CONSUMPTION: (Theft - estimate) STORAGE TANK DRAINING/FLUSHING: (Overflow) HYDROPNEUMATIC TANK REFILLS: MAIN BREAKS: (Estimate) SERVICE LINE LEAKS: WATER MAIN FILLINGS: FIRE HYDRANT METER RENTAL USAGE: OTHER: WELL FLUSHING/BOV TOTAL WATER LOSSES FOR BILLING CYCLE: TOTAL NET GALLONS PUMPED: QALLONS BILLED FOR BILLING CYCLE: ADDITIONAL INFORMATION: NUMBER OF CONNECTION ACCOUNTS RESIDENTIAL COMMERCIAL 3,833 COMMERCIAL 3,833 COMMERCIAL 3,833 COMMERCIAL 3,833	TOTA	WELL GALLONS PLIMPED DURING BILLING CYCLE:	5 388 000	
TOTAL GALLONS PUMPED: WATER LOSSES WASTE TREATMENT PLANT USAGE: INTERCONNECT USAGE DELIVERED: LINE FLUSHINGS: FIRE HYDRANT FLUSHINGS: UNAUTHORIZED CONSUMPTION: (Theft - estimate) STORAGE TANK DRAINING/FLUSHING: (Overflow) HYDROPNEUMATIC TANK REFILLS: MAIN BREAKS: (Estimate) SERVICE LINE LEAKS: WATER MAIN FILLINGS: FIRE HYDRANT METER RENTAL USAGE: OTHER: WELL FLUSHING/BOV TOTAL WATER LOSSES FOR BILLING CYCLE: TOTAL NET GALLONS PUMPED: GALLONS BILLED FOR BILLING CYCLE: ADDITIONAL INFORMATION: NUMBER OF CONNECTION ACCOUNTS RESIDENTIAL COMMERCIAL 3,833 COMMERCIAL 3,833 COMMERCIAL			The second secon	
WATER LOSSES WASTE TREATMENT PLANT USAGE: INTERCONNECT USAGE DELIVERED: LINE FLUSHINGS: FIRE HYDRANT FLUSHINGS: UNAUTHORIZED CONSUMPTION: (Theft - estimate) STORAGE TANK DRAINING/FLUSHING: (Overflow) HYDROPNEUMATIC TANK REFILLS: MAIN BREAKS: (Estimate) SERVICE LINE LEAKS: WATER MAIN FILLINGS: FIRE HYDRANT METER RENTAL USAGE: OTHER: WELL FLUSHING/BOV TOTAL WATER LOSSES FOR BILLING CYCLE: TOTAL NET GALLONS PUMPED: GALLONS BILLED FOR BILLING CYCLE: ADDITIONAL INFORMATION: NUMBER OF CONNECTION ACCOUNTS RESIDENTIAL OMMERCIAL 3,833 COMMERCIAL 3,833 COMMERCIAL				
WASTE TREATMENT PLANT USAGE: INTERCONNECT USAGE DELIVERED: LINE FLUSHINGS: FIRE HYDRANT FLUSHINGS: UNAUTHORIZED CONSUMPTION: (Theft - estimate) STORAGE TANK DRAINING/FLUSHING: (Overflow) HYDROPNEUMATIC TANK REFILLS: MAIN BREAKS: (Estimate) SERVICE LINE LEAKS: WATER MAIN FILLINGS: FIRE HYDRANT METER RENTAL USAGE: OTHER: WELL FLUSHING/BOV TOTAL WATER LOSSES FOR BILLING CYCLE: TOTAL NET GALLONS PUMPED: GALLONS BILLED FOR BILLING CYCLE: ADDITIONAL INFORMATION: NUMBER OF CONNECTION ACCOUNTS RESIDENTIAL COMMERCIAL 3,833 COMMERCIAL 3,833	IOIA	GALLONS PUMPED:	29,427,000	
INTERCONNECT USAGE DELIVERED: LINE FLUSHINGS: FIRE HYDRANT FLUSHINGS: UNAUTHORIZED CONSUMPTION: (Theft - estimate) STORAGE TANK DRAINING/FLUSHING: (Overflow) HYDROPNEUMATIC TANK REFILLS: MAIN BREAKS: (Estimate) SERVICE LINE LEAKS: WATER MAIN FILLINGS: FIRE HYDRANT METER RENTAL USAGE: OTHER: WELL FLUSHING/BOV TOTAL WATER LOSSES FOR BILLING CYCLE: TOTAL NET GALLONS PUMPED: GALLONS BILLED FOR BILLING CYCLE: ADDITIONAL INFORMATION: NUMBER OF CONNECTION ACCOUNTS RESIDENTIAL COMMERCIAL 3,833 COMMERCIAL		WATER LOSSES		LOSS
LINE FLUSHINGS: FIRE HYDRANT FLUSHINGS: UNAUTHORIZED CONSUMPTION: (Theft - estimate) STORAGE TANK DRAINING/FLUSHING: (Overflow) HYDROPNEUMATIC TANK REFILLS: MAIN BREAKS: (Estimate) SERVICE LINE LEAKS: WATER MAIN FILLINGS: FIRE HYDRANT METER RENTAL USAGE: OTHER: WELL FLUSHING/BOV TOTAL WATER LOSSES FOR BILLING CYCLE: TOTAL NET GALLONS PUMPED: GALLONS BILLED FOR BILLING CYCLE: ADDITIONAL INFORMATION: NUMBER OF CONNECTION ACCOUNTS RESIDENTIAL COMMERCIAL 3,833 COMMERCIAL 3,833 COMMERCIAL	WAST	TREATMENT PLANT USAGE:		14,000
FIRE HYDRANT FLUSHINGS: UNAUTHORIZED CONSUMPTION: (Theft - estimate) STORAGE TANK DRAINING/FLUSHING: (Overflow) HYDROPNEUMATIC TANK REFILLS: MAIN BREAKS: (Estimate) SERVICE LINE LEAKS: WATER MAIN FILLINGS: FIRE HYDRANT METER RENTAL USAGE: OTHER: WELL FLUSHING/BOV TOTAL WATER LOSSES FOR BILLING CYCLE: TOTAL NET GALLONS PUMPED: GALLONS BILLED FOR BILLING CYCLE: ADDITIONAL INFORMATION: NUMBER OF CONNECTION ACCOUNTS RESIDENTIAL 3,833 COMMERCIAL 3,833 COMMERCIAL	INTER	CONNECT USAGE DELIVERED:		0
UNAUTHORIZED CONSUMPTION: (Theft - estimate) STORAGE TANK DRAINING/FLUSHING: (Overflow) HYDROPNEUMATIC TANK REFILLS: MAIN BREAKS: (Estimate) SERVICE LINE LEAKS: WATER MAIN FILLINGS: FIRE HYDRANT METER RENTAL USAGE: OTHER: WELL FLUSHING/BOV TOTAL WATER LOSSES FOR BILLING CYCLE: TOTAL NET GALLONS PUMPED: GALLONS BILLED FOR BILLING CYCLE: ADDITIONAL INFORMATION: NUMBER OF CONNECTION ACCOUNTS RESIDENTIAL 3,833 COMMERCIAL 3,833 COMMERCIAL	LINE F	LUSHINGS:		0
STORAGE TANK DRAINING/FLUSHING: (Overflow) HYDROPNEUMATIC TANK REFILLS: MAIN BREAKS: (Estimate) SERVICE LINE LEAKS: WATER MAIN FILLINGS: FIRE HYDRANT METER RENTAL USAGE: OTHER: WELL FLUSHING/BOV TOTAL WATER LOSSES FOR BILLING CYCLE: TOTAL NET GALLONS PUMPED: GALLONS BILLED FOR BILLING CYCLE: ADDITIONAL INFORMATION: NUMBER OF CONNECTION ACCOUNTS RESIDENTIAL 3,833 COMMERCIAL 3,833 COMMERCIAL	FIRE I	YDRANT FLUSHINGS:		109,950
HYDROPNEUMATIC TANK REFILLS: MAIN BREAKS: (Estimate) SERVICE LINE LEAKS: WATER MAIN FILLINGS: FIRE HYDRANT METER RENTAL USAGE: OTHER: WELL FLUSHING/BOV TOTAL WATER LOSSES FOR BILLING CYCLE: TOTAL NET GALLONS PUMPED: GALLONS BILLED FOR BILLING CYCLE: ADDITIONAL INFORMATION: NUMBER OF CONNECTION ACCOUNTS RESIDENTIAL 3,833 COMMERCIAL 36	UNAU	HORIZED CONSUMPTION: (Theft - estimate)		0
MAIN BREAKS: (Estimate) SERVICE LINE LEAKS: WATER MAIN FILLINGS: FIRE HYDRANT METER RENTAL USAGE: OTHER: WELL FLUSHING/BOV TOTAL WATER LOSSES FOR BILLING CYCLE: TOTAL NET GALLONS PUMPED: GALLONS BILLED FOR BILLING CYCLE: ADDITIONAL INFORMATION: NUMBER OF CONNECTION ACCOUNTS RESIDENTIAL 3,833 COMMERCIAL 36	STOR	GE TANK DRAINING/FLUSHING: (Overflow)		100,000
SERVICE LINE LEAKS: WATER MAIN FILLINGS: FIRE HYDRANT METER RENTAL USAGE: OTHER: WELL FLUSHING/BOV TOTAL WATER LOSSES FOR BILLING CYCLE: TOTAL NET GALLONS PUMPED: GALLONS BILLED FOR BILLING CYCLE: ADDITIONAL INFORMATION: NUMBER OF CONNECTION ACCOUNTS RESIDENTIAL 3,833 COMMERCIAL 36	HYDR	PNEUMATIC TANK REFILLS:		0
WATER MAIN FILLINGS: FIRE HYDRANT METER RENTAL USAGE: OTHER: WELL FLUSHING/BOV TOTAL WATER LOSSES FOR BILLING CYCLE: TOTAL NET GALLONS PUMPED: GALLONS BILLED FOR BILLING CYCLE: ADDITIONAL INFORMATION: NUMBER OF CONNECTION ACCOUNTS RESIDENTIAL 3,833 COMMERCIAL 36	MAIN	REAKS: (Estimate)		0
FIRE HYDRANT METER RENTAL USAGE: OTHER: WELL FLUSHING/BOV TOTAL WATER LOSSES FOR BILLING CYCLE: TOTAL NET GALLONS PUMPED: GALLONS BILLED FOR BILLING CYCLE: ADDITIONAL INFORMATION: NUMBER OF CONNECTION ACCOUNTS RESIDENTIAL 3,833 COMMERCIAL 36	SERVI	DE LINE LEAKS:		0
OTHER: WELL FLUSHING/BOV TOTAL WATER LOSSES FOR BILLING CYCLE: TOTAL NET GALLONS PUMPED: GALLONS BILLED FOR BILLING CYCLE: ADDITIONAL INFORMATION: NUMBER OF CONNECTION ACCOUNTS RESIDENTIAL 3,833 COMMERCIAL 36	WATE	R MAIN FILLINGS:		0
TOTAL WATER LOSSES FOR BILLING CYCLE: TOTAL NET GALLONS PUMPED: GALLONS BILLED FOR BILLING CYCLE: 30,548,000 PUMP TO BILL PERCENTAGE FOR BILLING CYCLE: ADDITIONAL INFORMATION: NUMBER OF CONNECTION ACCOUNTS RESIDENTIAL 3,833 COMMERCIAL 36	FIRE H	YDRANT METER RENTAL USAGE:		0
TOTAL NET GALLONS PUMPED: GALLONS BILLED FOR BILLING CYCLE: 90,548,000 PUMP TO BILL PERCENTAGE FOR BILLING CYCLE: ADDITIONAL INFORMATION: NUMBER OF CONNECTION ACCOUNTS RESIDENTIAL 3,833 COMMERCIAL 36	OTHE	: WELL FLUSHING/BOV		295,700
GALLONS BILLED FOR BILLING CYCLE: PUMP TO BILL PERCENTAGE FOR BILLING CYCLE: ADDITIONAL INFORMATION: NUMBER OF CONNECTION ACCOUNTS RESIDENTIAL 3,833 COMMERCIAL 36	<u>TOTA</u> I	WATER LOSSES FOR BILLING CYCLE:		<u>519,650</u>
PUMP TO BILL PERCENTAGE FOR BILLING CYCLE: ADDITIONAL INFORMATION: NUMBER OF CONNECTION ACCOUNTS RESIDENTIAL 3,833 COMMERCIAL 36	TOTAL	NET GALLONS PUMPED:	28,907,350	
ADDITIONAL INFORMATION: NUMBER OF CONNECTION ACCOUNTS RESIDENTIAL 3,833 COMMERCIAL 36	GALL	NS BILLED FOR BILLING CYCLE:	30,548,000	
NUMBER OF CONNECTION ACCOUNTS RESIDENTIAL 3,833 COMMERCIAL 36	PUMP	TO BILL PERCENTAGE FOR BILLING CYCLE:		105.7%
RESIDENTIAL 3,833 COMMERCIAL 36		ADDITIONAL INFORMATION:		
COMMERCIAL 36				
		RESIDENTIAL	3,833	
		COMMERCIAL	36	
APARTMENTS 0		APARTMENTS	0	
NON PROFIT 2		NON PROFIT	2	
BUILDERS 0				
IRRIGATION/OTHERS 44				
TOTAL NUMBER OF ACCOUNTS: 3,915	TOTAL	NUMBER OF ACCOUNTS:	2 015	

EAGLE WATER MANAGEMENT, INC.

HARRIS COUNTY MUD #368

WATER PRODUCTION & ACCOUNTABILITY

	PUMPED	BILLED		Four Month
MO/YR	(MG)	(MG)	%	Average
Jun-18	35,098,050	33,849,000	96.44%	96.4%
Jul-18	28,604,750	26,737,000	93.47%	95.0%
Aug-18	37,714,675	34,283,000	90.90%	93.6%
Sep-18	32,864,205	30,329,000	92.29%	93.3%
Oct-18	23,809,400	22,953,000	96.40%	93.3%
Nov-18	22,439,500	22,507,000	100.30%	95.0%
Dec-18	20,535,400	20,377,000	99.23%	97.1%
Jan-19	22,951,500	22,080,000	96.20%	98.0%
Feb-19	20,636,400	20,687,000	100.25%	99.0%
Mar-19	18,623,000	18,844,000	101.19%	99.2%
Apr-19	24,818,600	25,205,000	101.56%	99.8%
May-19	23,133,542	23,911,000	103.36%	101.6%
Jun-19	28,907,350	30,548,000	105.68%	102.9%





HARRIS COUNTY MUD #368

WATER PLANT MONTHLY FACILITY REPORT

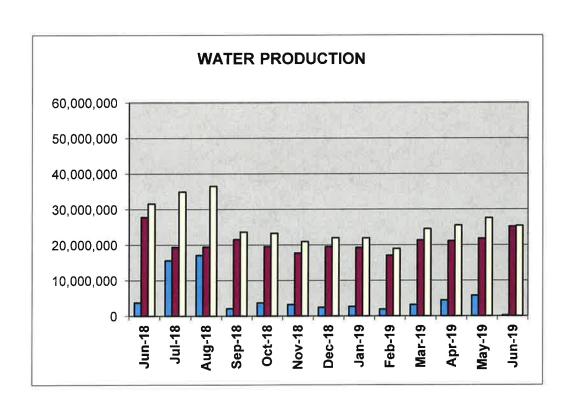
MONTH OF JUNE 2019

WELL #2 PUMPAGE		CURRENT	LAST MONTH
Average Daily		58,000 gallons	95,000 gallons
Maximum Daily		321,000 gallons	1,063,000 gallons
Minimum Daily		0 gallons	0 gallons
	<u>TOTAL</u>	1,739,000 gallons	2,957,000 gallons
VELL #3 PUMPAGE		CURRENT	LAST MONTH
Average Daily		6,000 gallons	81,000 gallons
Maximum Daily		79,000 gallons	312,000 gallons
Minimum Daily		0 gallons	0 gallons
	TOTAL	178,000 gallons	2,499,000 gallons
VELL #4 PUMPAGE		CURRENT	LAST MONTH
Average Daily		6,000 gallons	5,000 gallons
Maximum Daily		89,000 gallons	160,000 gallons
Minimum Daily		0 gallons	0 gallons
	TOTAL	172,000 gallons	160,000 gallons
VELL #5 PUMPAGE		CURRENT	LAST MONTH
Average Daily		2,000 gallons	2,000 gallons
Maximum Daily		38,000 gallons	41,000 gallons
Minimum Daily		0 gallons	0 gallons
	TOTAL	68,000 gallons	74,000 gallons
/ELL #6 PUMPAGE		CURRENT	LAST MONTH
Average Daily		3,000 gallons	2,000 gallons
Maximum Daily		89,000 gallons	70,000 gallons
Minimum Daily		0 gallons	0 gallons
	<u>TOTAL</u>	89,000 gallons	70,000 gallons
OTAL PUMPAGE FRO	M WELLS	2,246,000 gallons	5,760,000 gallons
OTAL RECEIVED FRO	M NHCRWA	25,169,000 gallons	21,814,000 gallons
OTAL COMBINED PRO	DUCTION	27,415,000 gallons	27,574,000 gallons
ERCENTAGE SURFAC		91.81%	79.11%
ERMIT TERM:		SEPT 1, 2018 THRU AUGUS	T 31, 2019
YEAR TO DATE PUMPA	GE THRU 201	9 PERMIT TERM:	31,598,000 gallons
YEAR TO DATE RWA W	ATER THRU 2	2019 PERMIT TERM:	204,008,000 gallons
PERCENTAGE SURFAC	E WATER DU	KING PERIVITI TERM	86.59%
CONDITION OF EQUIPM	MENT:		

HARRIS COUNTY MUNICIPAL UTILITY DISTRICT #368

WATER PRODUCTION REPORT

MONTH/YEAR	PUMPAGE	NHCRWA	TOTAL
Jun-18	3,749,000	27,803,000	31,552,000
Jul-18	15,569,000	19,351,000	34,920,000
Aug-18	17,093,000	19,418,000	36,511,000
Sep-18	2,067,000	21,527,000	23,594,000
Oct-18	3,714,000	19,517,000	23,231,000
Nov-18	3,219,000	17,713,000	20,932,000
Dec-18	2,435,000	19,531,000	21,966,000
Jan-19	2,669,000	19,251,000	21,920,000
Feb-19	1,886,000	17,034,000	18,920,000
Mar-19	3,172,000	21,345,000	24,517,000
Apr-19	4,430,000	21,107,000	25,537,000
May-19	5,760,000	21,814,000	27,574,000
Jun-19	224,600	25,169,000	25,393,600



JUNE 2019

FLOW (GPD)

	Average Daily Flow:	672,000	GALLON	S	
	Percent of Rated Capac	city:	75%		
	Minimum Daily Flow:	224,000	GALLON	S	
	Maximum Daily Flow:	1,133,000	GALLON	S	
	TOTAL FLOW:	20,160,000	GALLON	S	
•	TPDES PERMIT NO.		12044-00	1	
	PERMIT EXPIRATION:		7/16/2023	}	
	PERMIT VIOLATIONS:		None		
SOLIDS	HANDLING DATE:	13, 14, 17		gallons	221,502
CONDITIO	ON OF EQUIPMENT:				
			•		
FUTURE	ANTICIPATED PROJECTS:				
Replacem	nent of underground valves a	nd clarifier and d	igester side	wall repairs	
S					

HC MUD 368 Sludge Haul History

Month/Year	Gallons processed	Cost/gallon	Cost
Jan-17	262,255	\$0.0425	\$11,145.84
Feb-17	0	\$0.0000	\$0.00
Mar-17	281,110	\$0.0425	\$11,947.18
Apr-17	269,777	\$0.0425	\$11,465.52
May-17	0	\$0.0000	\$0.00
Jun-17	372,652	\$0.0425	\$15,837.71
Jul-17	194,619	\$0.0425	\$8,271.31
Aug-17	0		\$0.00
Sep-17	221,601	\$0.0425	\$9,418.04
Oct-17			\$0.00
Nov-17	261,116	\$0.0425	\$11,097.43
Dec-17			\$0.00
2017 Total	1,863,130		\$79,183.03
Jan-18	194,407	\$0.0425	\$8,262.30
Feb-18			\$0.00
Mar-18	189,834	\$0.0425	\$8,067.95
Apr-18	222,061	\$0.0425	\$9,437.59
May-18	284,063	\$0.0425	\$12,072.68
Jun-18			\$0.00
Jul-18	218,999	\$0.0425	\$9,307.46
Aug-18	220,259	\$0.0425	\$9,361.01
Sep-18			\$0.00
Oct-18	207,317	\$0.0425	\$8,810.97
Nov-18			\$0.00
Dec-18	208,701	\$0.0425	\$8,869.79
2018 Total	1,745,641	T T	\$74,189.74
Jan-19			\$0.00
Feb-19	259,206	\$0.0425	\$11,016.26
Mar-19	· ·		\$0.00
Apr-19	249,404	\$0.0425	\$10,599.67
May-19			\$0.00
Jun-19	221,502	\$0.0425	\$9,413.84
Jul-19			\$0.00
Aug-19			\$0.00
Sep-19			\$0.00
Oct-19			\$0.00
Nov-19			\$0.00
Dec-19			\$0.00
2019 Total	730,112		\$31,029.76

Totals \$141,400 \$145,550 \$15,950	0	Bombshells 249 \$1,400 \$3,500		Lube Center \$1,500 \$20,500 \$	Café \$4,200 \$4,450 \$	\$2,550 \$2,550	207320 25	Bahama Bucks \$2,550 \$2,400 \$200	203141 38	od Mart \$2,400 \$2,400	as Nissan \$7,200 \$10,100	A CONTRACTOR CONTRACTOR	sadhouse \$24,600 \$10,100	ear Elementary \$26,850 \$23,950 \$	/ Pet Resort \$5,650 \$5,700 \$	* - J · · · ·	Valero \$2,400 \$2,400 \$200	42) 100 42/100	Kids World Day care \$2,400 \$2,400 \$200	Antendrice actions actions	\$6.550 \$2.550 \$	140480 82	Regal Cinema Inc. \$21,700 \$18,400 \$3,500	Tower Plaza (Strip Center by Chevron) \$2,550 \$2,400 \$200	on Cleaners 54,000 \$3,600	510 47	65 650	Chip-N-Dip \$1,000 200	Quick N Easy (Chevron) \$2,400 \$1,750 n/a	Houston Garden Center \$2,400 \$2,400 \$200	10000000	Reach Unlimited (12335 White River) \$2,550 \$2,800 \$350	opposite when	preens \$2,400 \$2,200 \$		\$2,400 \$4,900
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View Certification | Download COR

DMR Copy of Submission

Permit

Permit ID:

TX0078433

Major:

HARRIS COUNTY MUD 368

Permittee:

HARRIS COUNTY MUD 368 WWTP

Facility:

Report Dates & Status Permitted Feature: 001 - External Outfall

Monitoring Period: From 05/01/19 to 05/31/19

DMR Due Date:

06/20/19

001-A - DOMESTIC FACILITY - 001

19744 0.5 LOGAN BRIAR DR HOUSTON , TX77002

2929 ALLEN PKWY, STE 3150 HOUSTON , TX77019

Discharge:

Facility Location:

Permittee Address:

Status:

Considerations for Form Completion **NetDMR Validated**

INTERIM I PHASE EFFECTIVE UPON ISSUANCE AND LASTING UNTIL THE COMPLETION OF THE 1.275 MGD FACILITIES.

Principal Executive Officer

First Name:

No Data Indicator (NODI)

Telephone: Last Name:

Form NODI:

2	0000	00300	1 - Effluent Gross	Season: 0	NODI: -	00400 pH	1 - Effluent Gross
	Manie	00300 Oxygen, dissolved [DO]	nt Gross	0		Ĭ	
1001		Smp		Req.	NODI		Smpl.
nenò	Value 1						
Quantity or Loading	Value 2						5 11 1
	Units					İ	
	Value 1		=8.3	>=6 MO MIN			=8.2
Quality or Concentration	Value 2						
centration	Valida 3	value o	1				=8.2
		Satur	19 - mg/L		III9/L		12 - SU
#	of	EX.	0				-
Fren of	Analysis		01/07 - Weekly	01/07 -	Weekly		02/30 -
Can	Type		GR -	9	GRAB		GR -

	19 - mg/L	<=4 MO MAX		>=1 MO MIN				Req.	Season; 0
19 - mg/L	19	=3.75		i.					1 - Effluent Gross
				=1 47				Smpl.	total
	1							NODI	
					X MGD -	LY AV Req Mon DAILY MX	<=.9 DAILY AV	Req.	Season: 0
									1 - Effluent Gross
					03 -	=1.34	=0.724	Smpl.	50050 Flow, in conduit or thru treatment plant
						and the second s		NODI	NODI: -
- mg/L	19 -	Reg Mon DAILY MX	Req Mon DAILY AV		26 - lb/d	DAILY AV	Req Mon DAILY AV	Req.	Season: 0
- mg/L	19 -	=0.021	≃0.014		lb/d				1 - Effluent Gross
					26 -		=0.107	Smpl.	01105 Aluminum, total [as Al]
								NODI	NODI: -
mg/L	19 -	Req Mon DAILY MX	Req Mon DAILY AV		26 - lb/d	DAILY AV	Req Mon DAILY AV	Req.	Season: 0
mg/L	19 - r	=0.119	=0.092		P/4		169.0=	Jampi.	1 - Effluent Gross
					3	the state of the s	-		01092 Zinc, total [as Zn]
Ų					-			NODI	NODI: -
mo/L	19 -	<=10 DAILY MX	<=3 DAILY AV		26 - lb/d	VILY AV	<=22 DAILY AV	Req.	Season: 0
19 - mg/L	7	į	i		10/0				1 - Effluent Gross
			=0.2		26 -		=1,7	Smpl.	00610 : Nitrogen, ammonia total [as N]
								NODI	NODI: -
mg/L	19 -	<=40 DAILY MX	<=15 DAILY AV		26 - !b/d	DAILY AV	<=113 DAILY AV	Req.	Season: 0
19 - mg/L	19 -	=2	11 i.u		lb/d	The second secon			1 - Effluent Gross
					26 -		. =10.1	Smpl.	00530 Solids, total suspended
	1							NODI	NODI: -
12 - SU	12	<=9 MAXIMUM		>=6 MINIMUM				Req.	Season: 0
Units		Value 3	Value 2	ts Value 1	Units	Value 1 Value 2	Va		
									Code Name

Code Name	-	Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units	8	, Q,	
NODI: -	NODI		A STATE OF THE PARTY OF THE PAR	-	The state of the s	the second section of the second section is a second secon	1	Physical Company	-	Silles	Silles
51040 E. coli							İ				
1 - Effluent Gross	Smpt.					<2	<2		3Z -	3Z - CFII/100ml 0	3Z - 02/30 - GR - CFII/100ml 0 Twice Per GR -
	-			-			r		C: 0/ F00!!!		Month
Season: 0	Req.					<=63 DAILY AV	^ II	<=200 DAILY MX	200 DAILY MX	3Z - CFU/100mL	
NODI: -	NODI					-	-				PIONO
80082 BOD, carbonaceous [5 day, 20 C]		Smpl. =25.7		26 -				and the second s			
1 - Effluent Gross				Ib/d		i	-	1	19 - mg/L	19 - mg/L 0	19 - mg/L
				-			100				
Season: 0	Req.	<=75 DAILY AV		26 - lb/d		<=10 DAILY AV		<=25 DAILY MX	<=25 DAILY MX 19 - mg/L	19 - mg/L	
NODI: -	NODI						+				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

HARRIS COUNTY MUD 368

User: brian.eastex@yahoo.com

Name:

E-Mail:

Date/Time: brian.eastex@yahoo.com

Brian Sewell

2019-06-06 12:49 (Time Zone:-05:00)

Report Last Signed By

User: Name:

mplunkett@eaglewatermanagement.com

Mike Plunkett

E-Mail:

Date/Time:

mplunkett@eaglewatermanagement.com

2019-06-06 13:41 (Time Zone:-05:00)

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July 2, 2019

Board of Directors
Harris County Municipal Utility District No. 368
c/o Johnson Petrov LLP
1001 McKinney, Suite 1000
Houston, Texas 77002-1223

Reference:

District Engineer's Status Report, IDS Job No. 0456-001-MR

Members of the Board:

The status of the various projects in the District is as follows:

GENERAL DISTRICT MATTERS

1. <u>Extreme Event Swales to Serve Northern Point Subdivision</u>

The contractor has installed the interceptor structure. They are completing final cleanup items. We expect substantial completion in the next couple of weeks.

2. Northern Point Stormwater Pump Station and Force Main

We have completed preliminary models and calculations for this project. Harris County will upsize the storm sewer during construction of Segment 3 of the Hufsmith Kohrville Improvements. We prepared a construction cost estimate for this project with a total estimated construction cost of \$812,500. This project is included in the current bond application.

We are preparing preliminary plans and specifications for the Northern Point Stormwater Pump Station Improvements.

3. Project for Potential Harris County Joint Partnership

We have completed models based on topographic survey data and have selected areas of the street pavement where modifications could be made to allow better sheet flow throughout the subdivision. We have prepared a cost estimate for this project (\$486,000 construction estimate). This project is included in the current bond application. We believe this project is a good candidate for potential Harris County joint funding.

We have prepared a concept for an extreme event overflow from the Northern Point Detention Basin to Willow Creek. We have prepared a cost estimate for this project (\$200,000 construction estimate). This project is included in the current bond application. We believe this project is a good candidate for potential Harris County joint funding.

4. Detention Facilities Improvements

We have identified a number of repairs and improvements to be made to the District's detention facilities. We have prepared a cost estimate for this project (\$448,000 construction estimate). The project will improve the condition of the existing stormwater facilities and should reduce future maintenance costs. This project is included in the current bond application.

Facilities Communication and Security

The approved proposal for this work included a construction fee of \$12,700.00. Verizon has delivered their equipment and the contractor has received all of the remaining equipment. The contractor will be on-site next week to complete the installation.

6. Hufsmith Kohrville Improvements

Construction of Segment 2 will be starting soon. This segment involves the relocation of the existing Water Well No. 6 collection line, which will be completed by the Segment 2 contractor. The total cost of the relocation is estimated at \$281,500 and the District is responsible 50% of the portion within Harris County R.O.W., approximately \$60,000 of the estimated total cost.

Design of Segment 3 is nearly complete. Harris County is finalizing the Right-of-Way acquisition. This segment includes the storm sewer that will accommodate the excess drainage proposed from the increased capacity of the Northern Point Pump Station improvements.

7. Bond Issue No. 14

The report has been submitted to TCEQ for review.

Operations Committee Meeting

The next Operations Committee Meeting has not been scheduled.

9. HCFCD Mowing Agreement

Harris County Flood Control District is reviewing the information for the agreement and preparing the final agreement.

WATER SUPPLY SYSTEM MATTERS

10. Water Quality Monitoring for Water Well Nos. 2, 3, 4, 5, and 6

The June 2019 laboratory test results for benzene, toluene, ethyl benzene, or xylene (BTEX) in Well No. 2, Well No. 3, Well No. 4, Well No. 5, and Well No. 6 are non-detect.



11. Water Well No. 6 Conditional Acceptance and Sampling Requirements

Per the TCEQ well approval letter, the District must collect and submit chemical samples upon contact from a TCEQ representative or within 180 days of the date of the letter (due August 14, 2019). If the samples show levels higher than the minimum secondary constituent levels, the District may be required to design and install additional treatment equipment. Additionally, there are new sampling requirements for Water Well No. 6, which can be found in the attached TCEQ approval letter.

12. Water Plant No. 1 Inspection

The Ground Storage and Hydropneumatic Tanks have been inspected. Overall the tanks are in good condition. Our inspector noted minor discoloration, staining and chalking on the tank exteriors. There was a limited inspection performed on the GST interiors due to water and sedimentation on the tank floors. The interiors had some sediment staining and discoloration. We will revisit next year to consider rehabilitation.

WASTEWATER TREATMENT SYSTEM MATTERS

Phase 4 Sanitary Sewer Rehab

We have provided a list of recommended repairs and maintenance items to the Operator.

14. Sandy Stream Sewer Capacity Evaluation: Upsize Required for Dungrove Tract

There is existing 10" sanitary sewer that runs along Sandy Stream in Three Lakes Subdivision. The sewer serves all of Three Lakes, Northpointe East, and future Braemar Village. The sewer does not have capacity to serve all of the development and will need to be upsized prior to development of Braemar Village. We will prepare cost estimates for upsizing this sanitary sewer.

15. <u>Lift Station Control Panel Replacements</u>

The electrical engineering consultant is preparing a proposal to perform engineering services for the control panels. We are working to ensure all the District's requirements for the panels are included in the design.

16. <u>Wastewater Treatment Plant Rehabilitation</u>

The on-site lift station rehabilitation work is complete. We will conduct an inspection of the wet well coatings prior to the end of the one-year warranty period to address any potential deficiencies in the coating.

We are preparing preliminary plans and specifications for the Wastewater Treatment Plant Rehabilitation project.



RESIDENTIAL AND COMMERCIAL DEVELOPMENT PROJECTS

17. Harris County Street Acceptance Status

We have been informed that the streets within Willow Falls Section 4 have not been accepted for maintenance. The contractor would not correct a construction issue which resulted in a "bird bath" in the street pavement, and the developer is no longer engaged in this development. In order to get the streets accepted by Harris County, the pavement will need to be repaired.

Uretek has completed the repair of the bird bath.

Additionally, Pinemeade Lane and Bright Point Court in Stonepine Section 2 are not on the Harris County Road Log. The County believes that this is an internal error and are working to get this issue resolved. We are coordinating with Harris County to determine if the streets have been corrected in their Road Log.

18. NorthPointe Center-Phase II (Santikos)

No new activity to report.

19. <u>Bombshells Restaurant</u>

Construction is complete.

20. 136-Acre Finger Tract

No new activity to report.

21. Northpointe Business Park

Construction of the public utilities will begin soon. We will have a representative present to observe construction activities. We are working to have an independent appraisal performed for the public utilities for this development.

22. Braemar Village Tract

The developer has authorized design of the development. We have begun design of the lift station and force main facilities.

23. Little Woodrows

We are preparing the annexation map and are requesting exhibits from other entities. Once all exhibits are prepared/obtained, we will send the completed annexation application to the Attorney for review.



Harris County Municipal Utility District No. 368 July 2, 2019 Page 5 of 5

24. <u>Dungrove Tract</u>

We have calculated the land and carry costs to be \$601,296. We have sent this information to the Attorney.

25. <u>12.9-Acre Tract East of Hufsmith Kohrville</u>

The developer has dropped this development plan, because the storm sewer along Hufsmith Kohrville does not provide enough outfall depth to serve the tract. There may be an opportunity for the District to partner with Harris County to redesign this storm sewer to allow outfall depth for this site.

26. 42-Acre Favro Family Tract (West of Hufsmith Kohrville)

The developer is reviewing options for the land plan and major thoroughfare plan. The development includes 63 single-family residential lots, 11 private estate lots, a community center including a club and recreational land and facilities, and a parking lot.

27. Riverside Construction Tract

We have been contacted by Riverside Construction regarding development of land south of Stonepine. We prepared a feasibility study for this tract, which we have sent to the Attorney. The District's facilities have sufficient capacity to serve this tract. The sanitary sewer would flow to the Willow Falls Lift Station and there is an existing waterline on the northeast corner of the tract. The total cost for public utility extensions is estimated to be approximately \$101,000.

We will be glad to answer any questions the Board may have.

Respectfully,

Matthew Carpenter, P.E.

Kameron H. Pugh, P.E.

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TBPE F-2726