

# HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 368

## Minutes of Meeting Thursday, September 6, 2018

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 Thursday, September 6, 2018, 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	President
Tiffani C. Bishop	Vice President/Investment Officer
Sharon L. Cook	Secretary
Eric Daniel	Treasurer
Allison V. Dunn	Assistant Secretary

All members of the Board were present except Director Daniel, thus constituting a quorum. Consultants in attendance were: Mike Plunkett of Eagle Water Management, Inc. ("Operator"); Matthew Carpenter, P.E. and Kameron Pugh, E.I.T., of IDS Engineering Group ("IDS" or "Engineer"); Kaye Townley and Mark Miller of Municipal Accounts and Consulting, L.P. ("MAC" or "Bookkeeper"); and Zach Petrov, attorney, and Mirna Croon, paralegal, of Johnson Petrov LLP ("JP" or "Attorney").

The President called the meeting to order at 6:40 p.m. and in accordance with the notice posted pursuant to law, the following business was transacted:

- I. **Public Comment.** There was no public comment.
- II. **General Business.**
  - A. **District's Website.** Mr. Carpenter stated that the Northern Point drainage project should be completed by November, 2018. Director Lackey asked that an update regarding the project be posted on the website.
  - B. **Pay Bills and Estimates.** There were no pay bills/estimates presented.
- III. **Operator's Report.** 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 **Exhibit "A"**. Mr. Plunkett noted that the District had 90.9% accountability for the period from July 13, 2018 through August 14, 2018. He also noted that 53.18% of the District's water came from the surface water source with the remainder from the District's groundwater wells.

Mr. Plunkett next reported that all smart meters have been installed. A notice will be sent to residents informing them about the smart meters. The District's website already contains information on how to use the EyeonWater mobile application.

Mr. Plunkett next reviewed correspondence from a management company stating that one of their properties had a high water bill due to a leaky toilet, which was repaired. The customer has requested an adjustment in their bill. The normal average consumption for the property is 32,000 gallons per month while the water usage from April 13, 2018 through July 12, 2018 was over 70,000 gallons per month. Mr. Plunkett recommended the Board adjust the water bill to the base rate.

Upon motion by Director Cook, seconded by Director Dunn, after full discussion and with all Directors present voting aye, the Board authorized Eagle to adjust the water bill for the two and a half months of high usage to the base rate.

Mr. Plunkett next reported that the Texas Commission on Environmental Quality ("TCEQ") inspected the District's water system on August 17, 2018. Mr. Plunkett stated that the inspection went well. TCEQ has requested a copy of the sanitary control easement for Water Well No. 2 and a copy of the TCEQ approval to use bleach at Water Plant No. 2 ("WP 2"). Mr. Carpenter stated that the plans for WP 2 state that bleach will be used for disinfecting water and water wells. The WP 2 plans had been approved by the TCEQ approximately 10 years ago, thus the TCEQ should have the requested documents.

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.

Upon motion by Director Cook, seconded by Director Lackey, after full discussion and with all Directors present voting aye, the Board (i) authorized termination of service to customers listed on the Termination List, in accordance with provisions of the District's Rate Order; and (ii) approved the Operator's Report as presented.

IV. **Engineer's Report.** Mr. Pugh presented to and reviewed with the Board the Engineer's Report, a copy of which is attached hereto as Exhibit "B".

- A. **Northern Point Drainage.** Mr. Pugh reported that the contractor is installing the Stormwater Quality Inlet Structure and piping. The work should be completed within the next week.

The swales work and site restoration should take approximately four to six weeks to complete, thus the entire project should be completed by November, 2018.

- B. **Facility Improvement and Maintenance Plan.** IDS is working to obtain feedback from Harris County on possible financial contributions towards the Northern Point drainage projects. Mr. Carpenter proposed the Board send a letter to the County requesting financial contributions for the project. He stated that IDS will prepare a letter for the Board's review and execution. The bond sale requirements will be reevaluated once the financial information is received from the County.
- C. **Hufsmith-Kohrville Improvements.** There were no new matters to report.

- D. Operations Committee Meeting. The Operations Committee meeting has been scheduled for September 25, 2018.
- E. Water Quality Monitoring for Water Wells Nos. 2, 3, 4, 5, and 6. Mr. Pugh reported that the August 2018 laboratory test results for benzene, toluene, ethyl benzene, or xylene (BTEX) in Water Wells Nos. 2, 3, 4, 5, and 6 are non-detect.
- F. Water Plant Nos. 1 and 2. An orifice plate to control flow between Water Plant No. 2 and Water Plant No. 1 has been installed.
- G. Water Plant ("WP") Ground Storage Tank Rehabilitation. The contractor is finished with all the coating and is cleaning up the site. IDS will schedule a final walkthrough inspection in the next few weeks.
- H. Phase 4 Sanitary Sewer Rehab. The contract has been awarded to CSI. Once the contract has been signed, IDS will schedule a preconstruction meeting.
- I. Sandy Stream Sewer Capacity Evaluation: Upsize required for Dungleve tract. There were no new matters to report.
- J. Lift Station ("LS") Panel Replacements. Mr. Pugh reported that IDS has received specifications from the manufacturer and is reviewing the information.
- K. Wastewater Treatment Plant ("WWTP") Rehabilitation. The work is complete. IDS will conduct an inspection of the wet well coatings prior to the end of the one-year warranty to address any potential deficiencies in the coating.
- L. NorthPointe Center – Phase 2 (Santikos). The plans have been approved and the contractor has mobilized.
- M. 136-Acre Finger Tract. A developer has contacted IDS with interest in developing the tract. There are no new updates.
- N. 9.6-acre Riverside Tract Potential Annexation. The developer is working with the landowner to purchase land for commercial use.
- O. Hufsmith Heights tract. There are no matters to report.
- P. Little Woodrows. The developer's engineer is preparing plans for a Little Woodrow's west of Coons Road and South of Timber Tech Road, near HMT properties. The developer has purchased the land and is working with Harris County on the development design for detention facilities.

Next, upon motion by Director Cook, seconded by Director Lackey, after full discussion and with all Directors present voting aye, the Board (i) approved invoice in the amount of \$971.50 related to the Northern Point Drainage project; and (ii) approved the Engineer's Report.

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

VI. **Attorney's Report.**

- A. **Minutes of August 16, 2018 Board meeting.** Upon motion by Director Dunn, seconded by Director Cook, after full discussion and with all Directors present voting aye, the Board approved the minutes of the August 16, 2018 Board meeting as amended.

VII. **Adjournment.** With no additional matters before the Board, the Board adjourned the meeting at 7:22 p.m.

[EXECUTION PAGE FOLLOWS]

Passed and approved this 20<sup>th</sup> day of September, 2018.

  
Secretary, Board of Directors

**Exhibits:**

- "A" Operator Report
- "B" Engineers Report



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

## **OPERATIONS REPORT**

**For**

**HARRIS COUNTY MUD #368**

**SEPTEMBER 6, 2018  
BOARD MEETING**

**MONTHLY ACTIVITY REPORT**  
**FOR**  
**HARRIS COUNTY MUNICIPAL UTILITY DISTRICT # 368**

**COLLECTIONS DATE RANGE: July 25, 2018 thru August 20, 2018**

<b>Water Collections:</b>	<b>\$ <u>76,360.76</u></b>
<b>Sewer Collections:</b>	<b><u>148,922.69</u></b>
<b>NHCRWA Fees:</b>	<b><u>102,702.74</u></b>
<b>Security Service Fees</b>	<b><u>10,370.00</u></b>
<b>Late Letter Fees:</b>	<b><u>2,833.00</u></b>
<b>Penalties:</b>	<b><u>5,738.65</u></b>
<b>Deposits:</b>	<b><u>9,120.56</u></b>
<b>Transfer Fees:</b>	<b><u>1,425.00</u></b>
<b>Service Fees:</b>	<b><u>12.00</u></b>
<b>Miscellaneous:</b>	<b><u>3,965.09</u></b>
<b>Unapplied Payments/Overpayments:</b>	<b><u>1,987.58</u></b>

**TOTAL COLLECTIONS:** **\$363,438.07**

**CURRENT BILLING DUE FOR PERIOD ENDING August 14, 2018:**

<b>Water:</b>	<b>\$ <u>88,168.75</u></b>
<b>Sewer:</b>	<b><u>161,448.88</u></b>
<b>NHCRWA Fees:</b>	<b><u>141,245.96</u></b>
<b>Security Service Fee:</b>	<b><u>11,110.00</u></b>

**TOTAL CURRENT BILLING:** **\$401,973.59**

**PREPARED BY: EAGLE WATER MANAGEMENT, INC.**

**HARRIS COUNTY MUD #368  
SEPTEMBER 2018 MEETING**

<u>Billing Period: July 13, 2018 thru August 14, 2018</u>	<u>GALLONS</u>	<u>GALLONS</u>
TOTAL WELL GALLONS PUMPED DURING BILLING CYCLE:	16,907,000	
RECEIVED FROM NHCRWA	<u>21,757,000</u>	
<b>TOTAL GALLONS PUMPED:</b>	<b>38,664,000</b>	
<b><u>WATER LOSSES</u></b>		<b><u>LOSS</u></b>
WASTE TREATMENT PLANT USAGE:		20,000
INTERCONNECT USAGE DELIVERED:		0
LINE FLUSHINGS:		0
FIRE HYDRANT FLUSHINGS:		156,450
UNAUTHORIZED CONSUMPTION: (Theft - estimate)		0
STORAGE TANK DRAINING/FLUSHING: (Overflow)		655,000
HYDROPNEUMATIC TANK REFILLS:		0
MAIN BREAKS: (Estimate)		100,000
SERVICE LINE LEAKS:		0
WATER MAIN FILLINGS:		0
FIRE HYDRANT METER RENTAL USAGE:		0
OTHER: BOV		17,875
<b>TOTAL WATER LOSSES FOR BILLING CYCLE:</b>		<b>949,325</b>
<b>TOTAL NET GALLONS PUMPED:</b>	<b>37,714,675</b>	
<b>GALLONS BILLED FOR BILLING CYCLE:</b>	<b>34,283,000</b>	
<b>PUMP TO BILL PERCENTAGE FOR BILLING CYCLE:</b>		<b>90.9%</b>
<b><u>ADDITIONAL INFORMATION:</u></b>		
<b><u>NUMBER OF CONNECTION ACCOUNTS</u></b>		
RESIDENTIAL	3,823	
COMMERCIAL	28	
APARTMENTS	0	
NON PROFIT	2	
BUILDERS	8	
IRRIGATION/OTHERS	43	
<b>TOTAL NUMBER OF ACCOUNTS:</b>	<b>3,904</b>	

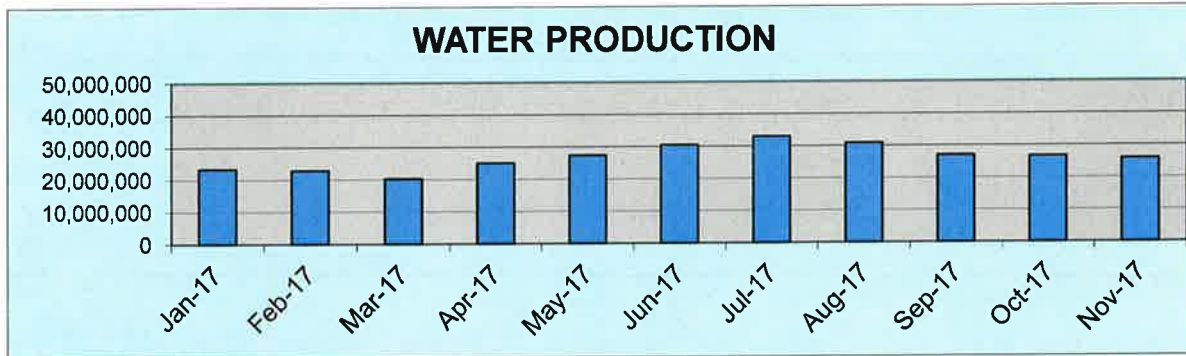


EAGLE WATER MANAGEMENT, INC.

HARRIS COUNTY MUD #368

WATER PRODUCTION & ACCOUNTABILITY

MO/YR	PUMPED (MG)	BILLED (MG)	%	Four Month Average
Jan-17	23,296,000	21,801,000	93.6%	93.6%
Feb-17	22,875,000	22,797,000	99.7%	96.6%
Mar-17	20,238,500	20,224,000	99.9%	97.7%
Apr-17	24,966,500	24,288,000	97.3%	97.6%
May-17	27,337,500	25,772,000	94.3%	97.8%
Jun-17	30,446,060	30,361,000	99.7%	97.8%
Jul-17	32,934,250	32,703,000	99.3%	97.6%
Aug-17	30,917,570	30,979,000	100.2%	98.4%
Sep-17	26,959,000	28,315,000	105.0%	101.1%
Oct-17	26,612,600	26,029,000	97.8%	100.6%
Nov-17	25,872,000	26,201,000	101.3%	101.1%
Dec-17	24,133,000	23,080,000	95.6%	99.9%
Jan-18	20,802,000	21,259,000	102.2%	99.2%
Feb-18	22,716,800	21,361,000	94.03%	98.3%
Mar-18	20,842,150	19,226,000	92.25%	96.0%
Apr-18	23,414,000	23,385,000	99.88%	97.1%
May-18	25,684,800	26,005,000	101.25%	96.9%
Jun-18	35,098,050	33,849,000	96.44%	97.5%
Jul-18	28,604,750	26,737,000	93.47%	97.8%
Aug-18	37,714,675	34,283,000	90.90%	95.5%



**HARRIS COUNTY MUD #368**

**WATER PLANT**  
**MONTHLY FACILITY REPORT**

**MONTH OF AUGUST 2018**

<b><u>WELL #2 PUMPAGE</u></b>	<b><u>CURRENT</u></b>	<b><u>LAST MONTH</u></b>
Average Daily	<u>242,000 gallons</u>	<u>151,000 gallons</u>
Maximum Daily	<u>829,000 gallons</u>	<u>438,000 gallons</u>
Minimum Daily	<u>0 gallons</u>	<u>0 gallons</u>
<b>TOTAL</b>	<b><u>7,517,000 gallons</u></b>	<b><u>4,693,000 gallons</u></b>

<b><u>WELL #3 PUMPAGE</u></b>	<b><u>CURRENT</u></b>	<b><u>LAST MONTH</u></b>
Average Daily	<u>7,000 gallons</u>	<u>183,000 gallons</u>
Maximum Daily	<u>151,000 gallons</u>	<u>533,000 gallons</u>
Minimum Daily	<u>0 gallons</u>	<u>0 gallons</u>
<b>TOTAL</b>	<b><u>205,000 gallons</u></b>	<b><u>5,669,000 gallons</u></b>

<b><u>WELL #4 PUMPAGE</u></b>	<b><u>CURRENT</u></b>	<b><u>LAST MONTH</u></b>
Average Daily	<u>231,000 gallons</u>	<u>111,000 gallons</u>
Maximum Daily	<u>1,167,000 gallons</u>	<u>621,000 gallons</u>
Minimum Daily	<u>0 gallons</u>	<u>0 gallons</u>
<b>TOTAL</b>	<b><u>7,155,000 gallons</u></b>	<b><u>3,451,000 gallons</u></b>

<b><u>WELL #5 PUMPAGE</u></b>	<b><u>CURRENT</u></b>	<b><u>LAST MONTH</u></b>
Average Daily	<u>71,000 gallons</u>	<u>56,000 gallons</u>
Maximum Daily	<u>291,000 gallons</u>	<u>416,000 gallons</u>
Minimum Daily	<u>0 gallons</u>	<u>0 gallons</u>
<b>TOTAL</b>	<b><u>2,186,000 gallons</u></b>	<b><u>1,722,000 gallons</u></b>

<b><u>WELL #6 PUMPAGE</u></b>	<b><u>CURRENT</u></b>	<b><u>LAST MONTH</u></b>
Average Daily	<u>1,000 gallons</u>	<u>1,000 gallons</u>
Maximum Daily	<u>30,000 gallons</u>	<u>34,000 gallons</u>
Minimum Daily	<u>0 gallons</u>	<u>0 gallons</u>
<b>TOTAL</b>	<b><u>30,000 gallons</u></b>	<b><u>34,000 gallons</u></b>

<b>TOTAL PUMPAGE FROM WELLS</b>	<b>17,093,000 gallons</b>	<b>15,569,000 gallons</b>
<b>TOTAL RECEIVED FROM NHCRWA</b>	<b>19,418,000 gallons</b>	<b>19,351,000 gallons</b>
<b>TOTAL COMBINED PRODUCTION</b>	<b>36,511,000 gallons</b>	<b>34,920,000 gallons</b>
<b>PERCENTAGE SURFACE WATER</b>	<b>53.18%</b>	<b>55.42%</b>

**PERMIT TERM:** **SEPT 1, 2017 THRU AUGUST 31, 2018**

**YEAR TO DATE PUMPAGE THRU 2018 PERMIT TERM:** 54,595,000 gallons

**YEAR TO DATE RWA WATER THRU 2018 PERMIT TERM:** 255,420,000 gallons

**PERCENTAGE SURFACE WATER DURING PERMIT TERM** 82.39%

**CONDITION OF EQUIPMENT:**

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**FUTURE ANTICIPATED PROJECTS:**

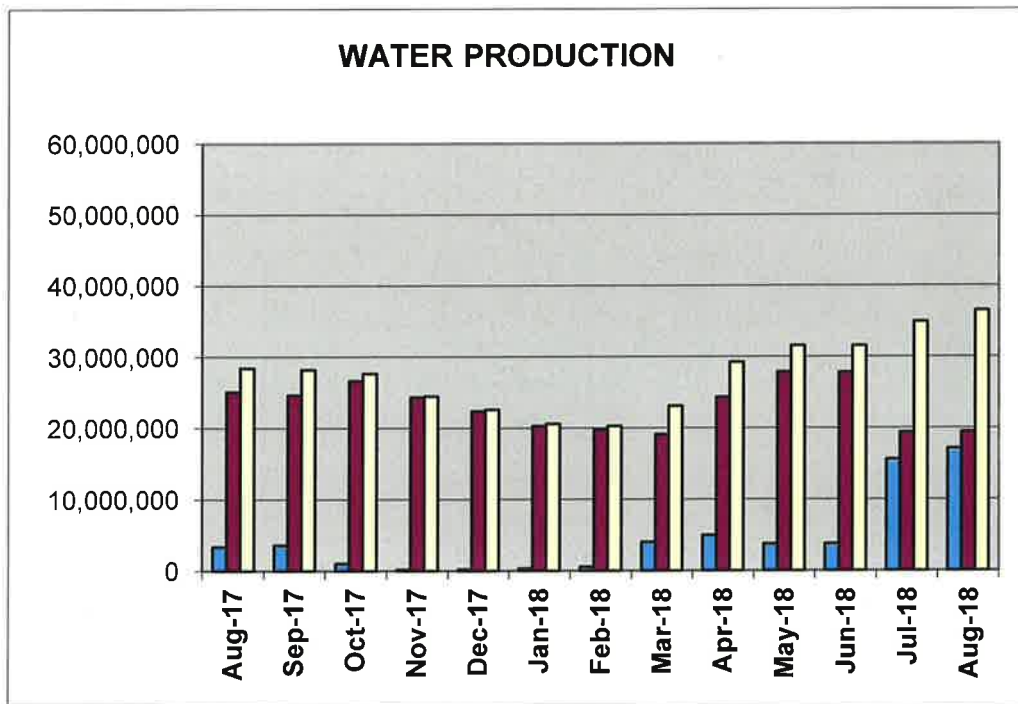
Recoating project

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HARRIS COUNTY MUNICIPAL UTILITY DISTRICT #368

WATER PRODUCTION REPORT

MONTH/YEAR	PUMPAGE	NHCRWA	TOTAL
Aug-17	3,358,000	25,087,000	28,445,000
Sep-17	3,591,000	24,614,000	28,205,000
Oct-17	1,042,000	26,620,000	27,662,000
Nov-17	170,000	24,282,000	24,452,000
Dec-17	217,000	22,346,000	22,563,000
Jan-18	330,000	20,265,000	20,595,000
Feb-18	526,000	19,751,000	20,277,000
Mar-18	3,977,000	19,093,000	23,070,000
Apr-18	4,940,000	24,292,000	29,232,000
May-18	3,721,000	27,850,000	31,571,000
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



**AUGUST 2018**

**FLOW (GPD)**

**Average Daily Flow: 671,000 GALLONS**

**Percent of Rated Capacity: 75%**

**Minimum Daily Flow: 402,000 GALLONS**

**Maximum Daily Flow: 912,000 GALLONS**

**TOTAL FLOW: 20,798,000 GALLONS**

**TPDES PERMIT NO. 12044-001**  
**PERMIT EXPIRATION: 7/16/2023**  
**PERMIT VIOLATIONS: None**

**SOLIDS HANDLING DATE: \_\_\_\_\_ gallons**

**CONDITION OF EQUIPMENT: \_\_\_\_\_**  
\_\_\_\_\_  
\_\_\_\_\_

**FUTURE ANTICIPATED PROJECTS: \_\_\_\_\_**  
\_\_\_\_\_  
**Replacement of underground valves and clarifier and digester sidewall repairs**  
\_\_\_\_\_

**HC MUD 368  
Sludge Haul History**

Month/Year	Gallons processed	Cost/gallon	Cost
Jan-16	223,526	\$0.0425	\$9,499.86
Feb-16	183,609	\$0.0425	\$7,803.38
Mar-16	199,814	\$0.0425	\$8,492.10
Apr-16	196,534	\$0.0425	\$8,352.70
May-16	0		\$0.00
Jun-16	188,831	\$0.0425	\$8,025.32
Jul-16	191,918	\$0.0425	\$8,156.52
Aug-16	251,598	\$0.0425	\$10,692.92
Sep-16			\$0.00
Oct-16	197,070	\$0.0425	\$8,375.48
Nov-16			\$0.00
Dec-16	202,046	\$0.0425	\$8,586.96
<b>2016 Total</b>	<b>1,834,946</b>		<b>\$77,985.21</b>
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
<b>2017 Total</b>	<b>1,863,130</b>		<b>\$79,183.03</b>
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			\$0.00
Sep-18			\$0.00
Oct-18			\$0.00
Nov-18			\$0.00
Dec-18			\$0.00
<b>2018 Total</b>	<b>1,109,364</b>		<b>\$47,147.97</b>

Account Name	2016	2017	18-Jun	18-Jul	18-Aug	18-Sep	18-Oct	18-Nov	18-Dec	18-Jan	18-Feb	18-Mar	18-Apr	18-May	Total
Graceview Baptist Church	\$1,500	\$2,400	\$200	\$350	\$350										\$900
100			45	38	61										\$400
Walgreens	\$1,200	\$2,400	\$200	\$200	\$0										\$600
201			24	22	43										\$600
Reach Unlimited (12335 White River)	\$1,500	\$2,550	\$200	\$200	\$200										\$600
300			19	20	29										\$600
Houston Garden Center	\$1,200	\$2,400	\$200	\$200	\$200										\$600
410			3	2	5										\$600
Quick N Easy (Chevron)	\$1,200	\$2,400	\$200	\$200	\$200										\$600
500			11	14	16										\$600
Landmark Property (Strip Center w/ Subway)	\$2,950	\$6,650	\$600	\$350	\$200										\$1,150
510			96	66	4										\$900
Canyon Cleaners	\$1,800	\$4,000	\$350	\$200	\$350										\$900
521			60	49	55										\$600
Tower Plaza (Strip Center by Chevron)	\$1,200	\$2,550	\$200	\$200	\$200										\$600
600			24	21	19										\$7,600
Regal Cinema Inc.	\$10,000	\$21,700	\$600	\$3,500	\$3,500										\$7,600
1222			134	206	173										\$750
Khoville Elementary	\$3,000	\$5,500	\$350	\$200	\$200										\$750
140480			71	1	7										\$750
Parkway Chevrolet	\$6,000	\$6,550	\$350	\$200	\$200										\$750
186910			59	48	47										\$600
Kids World Day care	\$1,200	\$2,400	\$200	\$200	\$200										\$600
187220			21	13	0										\$600
Valero	\$1,200	\$2,400	\$200	\$200	\$200										\$600
201390			29	28	34										\$1,550
Barbway Pet Resort	\$3,500	\$5,650	\$600	\$350	\$600										\$1,550
202221			111	69	112										\$4,050
Blackshear Elementary	\$11,200	\$26,850	\$3,500	\$200	\$350										\$4,050
202561			165	34	70										\$1,800
Texas Roadhouse	\$6,000	\$24,600	\$600	\$600	\$600										\$1,800
202770			132	121	141										\$1,800
Fred Heas Nissan	\$6,000	\$7,200	\$600	\$600	\$600										\$1,800
203120			108	106	121										\$600
Lakey Food Mart	\$1,200	\$2,400	\$200	\$200	\$200										\$600
203141			27	23	21										\$600
Bahama Bucks	\$1,350	\$2,550	\$200	\$200	\$200										\$600
207320			34	31	35										\$600
HWT	\$1,500	\$2,550	\$200	\$200	\$200										\$600
207810			18	23	19										\$1,300
Adriatic Cafe	\$1,100	\$4,200	\$600	\$350	\$350										\$1,300
208151			86	60	71										\$1,000
Parkway Lube Center	\$1,500	\$200	\$200	200	600										\$1,000
208710			43	0	110										\$29,350
Totals	\$65,800	\$141,400	\$10,550	\$9,100	\$9,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,350



Code	Name	Req.	Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units	of Ex.	Analysis	Type
Season: 0		Req.				>=6 MINIMUM		<=9 MAXIMUM	12 - SU		02/30 - Twice Per Month	GR - GRAB
NODI: -		NODI										
00530	Solids, total suspended	Smpl.	=5.833		26 - lb/d		=1.38	=2	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
1 - Effluent Gross												
Season: 0		Req.	<=113 DAILY AV		26 - lb/d		<=15 DAILY AV	<=40 DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS
NODI: -		NODI										
00610	Nitrogen, ammonia total [as N]	Smpl.	=1.109		26 - lb/d		=0.25	=0.4	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
1 - Effluent Gross												
Season: 0		Req.	<=22 DAILY AV		26 - lb/d		<=3 DAILY AV	<=10 DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS
NODI: -		NODI										
01092	Zinc, total [as Zn]	Smpl.	=0.387		26 - lb/d		=0.0892	=0.1	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
1 - Effluent Gross												
Season: 0		Req.	Req Mon DAILY AV		26 - lb/d		Req Mon DAILY AV	Req Mon DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS
NODI: -		NODI										
01105	Aluminum, total [as Al]	Smpl.	=0.074		26 - lb/d		=0.017	=0.0206	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
1 - Effluent Gross												
Season: 0		Req.	Req Mon DAILY AV		26 - lb/d		Req Mon DAILY AV	Req Mon DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS
NODI: -		NODI										
50050	Flow, in conduit or thru treatment plant	Smpl.	=0.675	=1.579	03 - MGD					0	99/99 - Continuous	TM - TOTALZ
1 - Effluent Gross												
Season: 0		Req.	<= .9 DAILY AV	Req Mon DAILY MX	03 - MGD						99/99 - Continuous	TM - TOTALZ
NODI: -		NODI										
50060	Chlorine, total residual	Smpl.						=3.3	19 - mg/L	0	01/01 - Daily	GR - GRAB
1 - Effluent Gross												
Season: 0		Req.						>=1 MO MIN			01/01 - Daily	GR - GRAB



Code	Name	Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units	of Ex.	Analysis	Type
NODI: -											
X 51040	E. coli										
1 - Effluent Gross											
Season: 0											
Req.											
NODI: -											
80082	BOD, carbonaceous [5 day, 20 C]										
1 - Effluent Gross											
Season: 0											
Req.											
NODI: -											
51040	E. coli										
1 - Effluent Gross											
Season: 0											
Req.											
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**

Parameter Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
51040	E. coli	1 - Effluent Gross	Units	Soft	The selected units do not match the units specified by the permit for this parameter. (Error Code: 3 )	

**Comments**

**Attachments**

No attachments.

**Report Last Saved By**

**HARRIS COUNTY MUD 368**

User: mplunkett@eaglewatermanagement.com

Name: Mike Plunkett

E-Mail: mplunkett@eaglewatermanagement.com

Date/Time: 2018-08-20 14:17 (Time Zone:-05:00)

**Report Last Signed By**

User: mplunkett@eaglewatermanagement.com

Name: Mike Plunkett

E-Mail: mplunkett@eaglewatermanagement.com

Date/Time: 2018-08-20 14:18 (Time Zone:-05:00)



September 6, 2018

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. Northern Point Drainage

The contractor is installing the Stormwater Quality Inlet Structure and piping. The contractor expects to have this work complete within the next week.

The contractor plans to leave the site once the work related to the detention basin is complete. They plan to remobilize within the next 3-5 weeks, assuming dry weather, to finalize the work on the swales and site restoration, which should take approximately 4-6 weeks to complete.

The materials testing lab has submitted an invoice in the amount of \$971.50. We recommend payment.

2. Facility Improvement and Maintenance Plan

We are working to obtain feedback from Harris County on possible financial contributions towards the Northern Point drainage projects. Once we have received information for the county, we will reevaluate the bond sale requirements and work with the Financial Advisor to determine the tax implications.

3. Hufsmith Kohrville Improvements

No new activity to report

4. Operations Committee Meeting

The next Operations Committee Meeting has not been scheduled.

#### **WATER SUPPLY SYSTEM MATTERS**

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

The August 2018 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.

6. Water Plant Nos. 1 and 2

An orifice plate to control flow between Water Plant No. 2 and Water Plant No. 1 has been installed.

7. Water Plant Rehabilitation

The contractor is finished with all the coating and is cleaning up the site. We are awaiting the installation of the new doors for the control building. We will schedule a final walkthrough inspection in the next few weeks.

#### **WASTEWATER TREATMENT SYSTEM MATTERS**

8. Phase 4 Sanitary Sewer Rehab

The contract has been awarded to CSI. We have routed the contracts and plan to bring them to the next meeting for execution. Once contracts have been signed, we will schedule a preconstruction meeting.

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

No new activity to report.

10. Lift Station Control Panel Replacements

We have received specifications from the manufacturer and are reviewing the information.

11. Wastewater Treatment Plant Rehabilitation

The 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.

#### **RESIDENTIAL AND COMMERCIAL DEVELOPMENT PROJECTS**

12. Harris County Street Acceptance Status

All streets eligible for acceptance have been accepted by the County.

13. NorthPointe Center-Phase II (Santikos)

The plans have been approved and the development is under construction.

14. 136-Acre Finger Tract

A developer has contacted us with interest in developing this tract, and there is no new update on this tract.

15. 9.6-Acre Riverside Tract

The developer is working with the landowner to purchase land for commercial use, and there are no new updates on this tract.

16. Huffsmith Heights Tract

No new activity to report.

17. Little Woodrows

The developer's engineer is preparing plans for a Little Woodrow's west of Coons Road and South of Timber Tech Road, near HMT properties. They have purchased the land and are working with Harris County on their design for detention for the development.

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

Respectfully,



Matthew Carpenter, P.E.



Kameron H. Pugh, E.I.T.



10710 S. Sam Houston Pkwy W., Ste. 100  
Houston, TX 77031  
713-722-7064

DATE	INVOICE NO.
08/31/2018	18-8123

<b>BILL TO</b>
Harris County MUD No. 368 c/o IDS Engineering Group, Matt Carpenter mcarpenter@idseg.com

<b>PROJECT DESCRIPTION</b>
Harris County MUD 368 Extreme Event Swales Project- Manhole Installations

<b>PROJECT NO.</b>	18.11.441	<b>MANAGER</b>	Benjamin M. Bynum	<b>TERMS</b>	NET 30
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ITEM	QTY	UNIT DESC	RATE	AMOUNT
<b>Report No.001 - August 23, 2018</b>				
Construction Materials Technician	4.00	hours	45.00	180.00
Vehicle Charge	1.00	day	58.00	58.00
Moisture/Density Relation (Standard Proctor)	1.00	each	145.00	145.00
<b>Report No.002 - August 25, 2018</b>				
Construction Materials Technician	6.00	hours	45.00	270.00
Vehicle Charge	1.00	day	58.00	58.00
<b>Report No.003 - August 28, 2018</b>				
Construction Materials Technician	4.50	hours	45.00	202.50
Vehicle Charge	1.00	day	58.00	58.00

<b>Total</b>	<b>\$971.50</b>
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*Thank you for your business!  
A late charge of 1.5% per month will be added in the event that payment is not made within 30 days of the date of invoice.*