WATER UTILITY OPERATIONS

MOC

MUNICIPAL OPERATIONS AND CONSULTING

MONTHLY OPERATIONS REPORT FOR HARRIS COUNTY MUD No. 136

September, 2016

Total Connections:	**1,078**
Vacants	**5**

	Water	Sewer	Inspect.	Tap Fees	Penalty	WHCRWA	Deposit	Misc	TOTAL
REVENUE	$35,098.77	$30,150.83	$301.75	$0.00	$711.09	$55,396.54	$977.78	$2,743.45	$125,380.21

WATER - BILLING CYCLE:	**8/01/16 - 9/01/16**
Gallons pumped from well	15,132,000
Gallons received from WHCRWA	4,361,000
Total gallons produced/supplied	19,493,000
HC MUD 183 I/C	0
Gallons billed	15,056,000
Leaks/Flushing	2,800,000
Billed vs. Pumped	92%
Total $ billed out water/sewer:	$55,159.54

BILLING STATUS:	Current	30 day	60 day	90 day	120 day	Total
Penalty	$ -	$ 1,157.14	$ 100.68	$ 29.92	$ 22.68	$ 1,310.42
Tap Fee	$ -	$ -	$ -	$ -	$ -	$ -
Sewer	$ 31,363.89	$ 2,682.14	$ 1,133.83	$ 151.69	$ 32.73	$ 35,364.28
WHCRWA	$ 38,965.60	$ 4,399.42	$ 369.92	$ 71.14	$ 112.30	$ 43,918.38
Water	$ 23,795.65	$ 265.08	$ 175.50	$ 43.66	$ 165.13	$ 24,445.02
Door Tag	$ -	$ (50.00)	$ -	$ -	$ -	$ (50.00)
Inspection	$ 200.00	$ 98.25	$ -	$ -	$ -	$ 298.25
Deposit	$ 750.00	$ (275.00)	$ 75.00	$ -	$ -	$ 550.00
Misc	$ 200.00	$ (115.65)	$ 75.00	$ 25.00	$ 43.25	$ 227.60
Disc/Recon	$ 25.00	$ (75.00)	$ -	$ -	$ -	$ (50.00)
	$ 95,300.14	$ 8,086.38	$ 1,929.93	$ 321.41	$ 376.09	$ 106,013.95

Main and Service line leaks repaired in district:	1
Meter leaks repaired in district:	0
Fire hydrants repaired in district:	0

	# Taken	Results
Bacteriological samples:	4	Good

NEW TAPS THIS MONTH	TAPS FOR THE YEAR
0	0

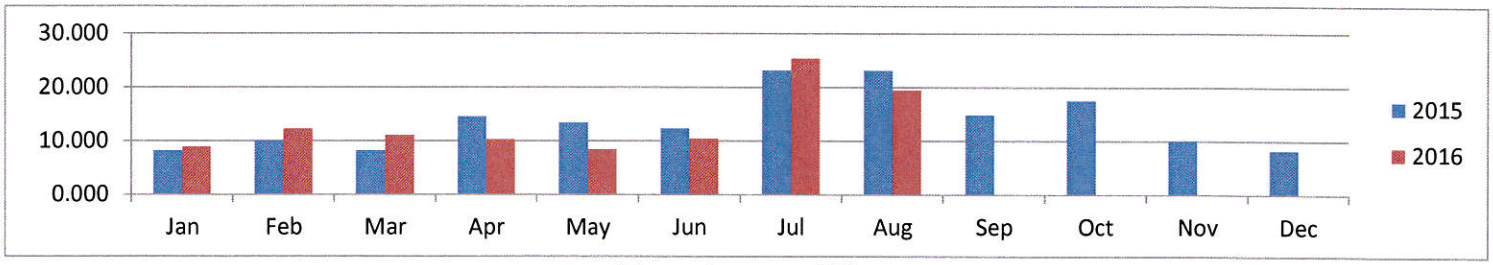
SPRING OFFICE: 27316 SPECTRUM WAY · OAK RIDGE NORTH, TEXAS 77385 · **T** 281.367.5511 · **F** 281.367.5517
KATY OFFICE: 1825 N. MASON RD · KATY, TX 77449 · **T** 281.347.8686 · **F** 281.347.8863
WWW.MUNICIPALOPS.COM

Harris County MUD No. 136

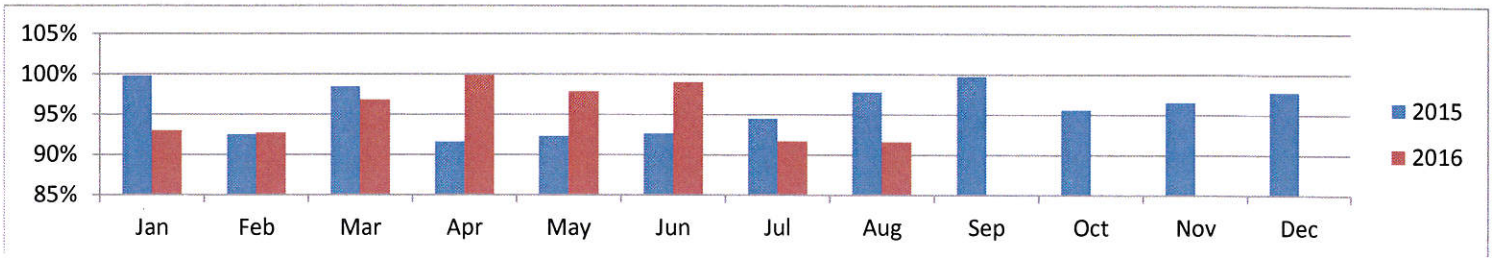
Water Production and Accountability Report

Meter Read Date	Produced	WHCRWA	Purchased	Billed	Sold	Lost Water	Accountability	12 Month Avg.
01/2/15 - 02/3/15	0.025	8.157	0.000	8.165	0.000	0.000	100%	95%
2/3/15 - 3/4/15	0.069	9.933	0.000	8.103	0.000	1.150	93%	96%
3/4/15 - 4/2/15	0.043	8.126	0.000	8.033	0.000	0.010	98%	96%
4/2/15 - 5/4/15	0.215	14.316	0.000	10.811	1.750	0.750	92%	96%
5/4/15 - 6/3/15	0.286	13.126	0.000	9.184	2.500	0.700	92%	95%
6/3/15 - 7/2/15	0.272	12.055	0.000	11.412	0.000	0.005	93%	95%
7/2/15 - 8/3/15	10.632	12.459	0.000	21.801	0.000	0.020	95%	96%
8/3/15 - 9/1/15	11.406	11.681	0.000	22.572	0.000	0.005	98%	96%
9/1/15 - 9/30/15	0.112	14.751	0.000	14.819	0.000	0.005	100%	96%
9/30/15 - 10/30/15	0.421	17.14	0.000	16.778	0.000	0.01	96%	96%
10/30/15 - 11/30/15	0.116	9.959	0.000	9.723	0.000	0.005	97%	96%
11/30/15 - 12/30/15	0.169	8.081	0.000	8.062	0.000	0.005	98%	96%
12/30/15 - 1/29/16	0.671	8.237	0.000	7.285	0.000	1.000	93%	96%
1/29/16 - 3/01/16	0.000	12.288	0.000	10.798	0.000	0.600	93%	96%
3/01/16 - 3/31/16	0.053	11.017	0.000	10.716	0.000	0.005	97%	96%
3/31/16 - 4/29/16	0.168	10.135	0.000	10.283	0.000	0.005	100%	96%
4/29/16 - 5/31/16	0.077	8.385	0.000	10.814	2.600	0.010	98%	96%
5/31/16 - 6/29/16	0.438	10.016	0.000	10.347	0.000	0.005	99%	96%
6/29/16 - 8/1/16	6.752	18.650	0.000	22.738	0.000	0.550	92%	96%
8/1/16 - 9/1/16	15.132	4.361	0.000	15.056	0.000	2.800	92%	96%

Water Production



Water Accountability



Harris County MUD No. 136

Sep-16

Summary of Municipal Operations Invoice

	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16
Operations	$ 2,689.25	$ 2,882.50	$ 3,097.00	$ 2,938.00	$ 3,120.00	$ 3,021.25
Administration	$ 2,366.28	$ 2,318.26	$ 2,407.32	$ 2,263.57	$ 2,217.06	$ 2,092.45
Miscellaneous	$ 206.67	$ 376.66	$ 762.63	$ 296.67	$ 296.66	$ 146.66
Lab Fees	$ 461.40	$ 476.78	$ 461.40	$ 476.78	$ 476.78	$ 461.40
Water Plant	$ 178.53	$ 6,745.50	$ 6,144.93	$ 8,085.87	$ 3,255.25	$ 2,411.28
Lift Station	$ 100.00	$ 1,163.00	$ 558.00	$ 265.00	$ 351.16	$ 388.07
Water Distribution	$ 3,853.16	$ 5,000.50	$ 3,832.50	$ 8,388.47	$ 7,518.29	$ 3,876.88
Sewer Collection	$ 400.00	$ 487.00	$ 545.00	$ 748.00	$ 400.00	$ 834.00
Total	$ 10,255.29	$ 19,450.20	$ 17,808.78	$ 23,462.36	$ 17,635.20	$ 13,231.99

INVOICE #	VENDOR	SERVICE	AMOUNT
13651	Municipal Operations	Operating	$ 13,231.99
19697	STP Services	Repairs & Maintenance	$ 9,100.00
158949	Napco	Chemicals	$ 450.00
19791	STP Services	Repairs & Maintenance	$ 873.00
7272159	NWDLS	Chemicals	$ 15.00

Harris County MUD No. 136

Commercial Usage

Commercial

Account	Customer	Address	Usage
3-01-74183-00	Walgreens	4007 Barker Cypress	2,000
3-01-74176-00	Rusche Distributing Co.	18324 Clay Rd.	41,000
3-01-74189-00	Randalls	18322 Clay Rd.	61,000
3-01-74149-01	Powell, Tanner J.	5106 Windsong Trail	6,000
3-01-74168-00	Deerfield Park Community Association	Clay Rd. @ Deerfield Park	372,000

Irrigation

Account	Customer	Address	Usage
3-01-74142-00	Deerfield Vlg Community Association	Danebridge @ K Harrow	16,000
3-01-74154-00	Deerfield Vlg Community Association	Heathersage @ Deerfield	48,000
3-01-74157-00	Deerfield Vlg Community Association	4045 Deerfield Village	55,000
3-01-74160-00	Deerfield Vlg Community Association	3901 Deerfield	37,000
3-01-74165-00	Deerfield Vlg Community Association	Deerfield Ent @ Clay #1	19,000
3-01-74163-00	Deerfield Vlg Community Association	Deerfield Ent @ Clay #2	181,000
3-01-74179-00	Rusche Distributing Co.	18324 Clay Rd.	0
3-01-74186-00	Walgreens	4007 Barker Cypress	43,000
3-01-74302-01	Verdant Farms LLC	4300 Barker Cypress	0
3-01-74192-00	Randalls	18322 Clay Rd.	222,000

School

Account	Customer	Address	Usage
3-01-74146-00	Cy Fair ISD Wilson Elementary	18015 Keith Harrow	176,000

PERMITEE NAME/ADDRESS *(Include Fac Name / Location if Different)*

NAME JACKRABBIT ROAD PUD

ADDRESS C/O SEVERN TRENT SERVICES
16337 PARK ROW
HOUSTON TX 77084

FACILITY JACKRABBIT RD PUD WWTP
LOCATION HOUSTON TX 77084

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

DISCHARGE MONITORING REPORT

TX0046621	001 A
PERMIT NO.	**DISCHARGE NO.**

MONITORING PERIOD

	MO	DAY	YR		MO	DAY	YR
FROM	09	01	16	TO	09	30	16

MINOR

M - INTERIM
DOMESTIC FACILITY-001

*** NO DISCHARGE |__| ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	Frequency of Analysis	Sample Type
		AVG	MAX	UNITS	MIN	AVG	MAX	UNITS			
OXYGEN, DISSOLVED (DO)	SAMP MEAS	******	******		6.68	******	******	(19)	0	5/Week	GRAB
00300 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	******	******	***** *****	6.0 MO MIN	******	******	MG/L		5/WK	GRAB
PH	SAMP MEAS	******	******		7.06	******	7.51	(12)	0	5/Week	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	******	******	***** *****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		5/WK	GRAB
SOLIDS, TOTAL SUSPENDED	SAMP MEAS	<63	******	(26)	******	<4.1	13	(19)	0	5/Week	COMP
00530 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	638 DAILY AVG	******	LBS/DY	******	15 DAILY AVG	40 DA MAX	MG/L		5/WK	COMP
NITROGEN, AMMONIA TOTAL (AS N)	SAMP MEAS	<8.5	******	(26)	******	<0.50	1.1	(19)	0	5/Week	COMP
00610 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	85 DAILY AVG	******	LBS/DY	******	2 DAILY AVG	10 DA MAX	MG/L		5/WK	COMP
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMP MEAS	1.97	3.11	(03)	******	******	******		0	99/99	TOTALZ
50050 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	REPORT DAILY AV	REPORT DAILY MX	MGD	******	******	******	***** *****		CONT	TOTALZ
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMP MEAS	******	4860	(78)	******	******	******		0	99/99	TOTALZ
50050 P 0 0 SEE COMMENTS BELOW	PERM REQ	******	12200 2HR PEAK	GPM	******	******	******	***** *****		CONT	TOTALZ
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMP MEAS	1.97	******	(03)	******	******	******		0	99/99	TOTALZ
50050 Y 0 0 ANNUAL AVERAGE	PERM REQ	5.10 ANNL AVG	******	MGD	******	******	******	***** *****		CONT	TOTALZ
CHLORINE, TOTAL RESIDUAL	SAMP MEAS	******	******		******	******	0.08	(19)	0	01/01	GRAB
50060 A 0 0 DISINFECT, PRCS CMPLT	PERM REQ	******	******	***** *****	******	******	0.099 INST MAX	MG/L		DAILY	GRAB

PERMITEE NAME/ADDRESS *(Include Fac Name / Location if Different)*

NAME JACKRABBIT ROAD PUD

ADDRESS C/O SEVERN TRENT SERVICES
16337 PARK ROW
HOUSTON TX 77084

FACILITY JACKRABBIT RD PUD WWTP
LOCATION HOUSTON TX 77084

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

DISCHARGE MONITORING REPORT

TX0046621	001 A
PERMIT NO.	**DISCHARGE NO.**

MINOR

M - INTERIM
DOMESTIC FACILITY-001

*** NO DISCHARGE |__| ***

	MONITORING PERIOD						
	MO	DAY	YR		MO	DAY	YR
FROM	09	01	16	TO	09	30	16

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	Frequency of Analysis	Sample Type
		AVG	MAX	UNITS	MIN	AVG	MAX	UNITS			
CHLORINE, TOTAL RESIDUAL	SAMP MEAS	******	******		1.51	******	******	(19)	0	01/01	GRAB
50060 B 0 0 PRIOR TO DISINFECT	PERM REQ	******	******	***** *****	1.0 MO MIN	******	******	MG/L		DAILY	GRAB
E. COLI GENERAL	SAMP MEAS	******	******	(13)	******	<3.0	71	(3Z)	0	13/Month	GRAB
51040 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	******	******	100ML	******	63 DA GEOAV	200 DA MAX	CFU/ 100ML		3/WK	GRAB
BOD, CARBONACEOUS 05 DAY, 20C	SAMP MEAS	<65	******	(26)	******	<4.2	10	(19)	0	5/Week	COMP
80082 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	425 DAILY AVG	******	LBS/DY	******	10 DAILY AVG	25 DA MAX	MG/L		5/WK	COMP

HARRIS COUNTY MUD 136

Thursday, October 13, 2016

PRE-APPROVED CUT OFF LIST

	ACCOUNT	NAME	ADDRESS	TOTAL
1	70063-3016725201	CARR, KATHRYN T	4106 DOWNGATE DR	$114.02
2	70063-3016727800	ELLIOT, WILLIAM	18107 SPELLBROOK DR	$213.16
3	70063-3016743201	SOUDELIER, KENT	18103 SHIREOAK DR	$165.12
4	70063-3016749500	NCNINCH, ELISABETH	18122 CADBURY DR	$238.69
5	70063-3016766201	COOK, ROSA M.	18114 WIDCOMBE DR	$640.87
6	70063-3016768801	PICHARDO, GERALD	18123 OAKHAMPTON DR	$98.33
7	70063-3016780402	VICKERS, LILLIAN B	18118 OAKHAMPTON DR	$118.14
8	70063-3016781000	BURLETTE, TROY	18114 OAKHAMPTON DR	$227.18
9	70063-3016788300	TODD, KENNETH / LORETTA	18031 OAKHAMPTON DR	$93.88
10	70063-3016824000	HEUGATTER, SONDRA	18222 WIDCOMBE DR	$175.34
11	70063-3016840001	ENGEL, TIMOTHY	18215 FOREST TOWN DR	$129.97
12	70063-3016847401	DUPREE, JOHN	18206 SPELLBROOK DR	$101.98
13	70063-3016848000	SMITH, ROBERT T.	18202 SPELLBROOK DR	$149.06
14	70063-3016863700	KIDDER, TERESA	18211 HARROW HILL DR	$111.55
15	70063-3016908600	FLYNT, GERALDINE	18310 OAKHAMPTON DR	$190.68
16	70063-3016909400	LOURIDO, LORI SOTO / IVAN	18234 OAKHAMPTON DR	$105.63
17	70063-3016920901	WELLS, JASON	18311 MOUNTFIELD DR	$187.02
18	70063-3016928800	EADY, ROBERT	18227 MOUNTFIELD DR	$453.46
19	70063-3016946501	NOBLE, KRISTI	18002 MOUNTFIELD DR	$131.54
20	70063-3016946800	WOHADLO, RAY / CHRISTINA	18003 MOUNTFIELD DR	$148.33
21	70063-3017001601	WEIDEMEYER, GLEN	18006 OAKWORTH DR	$118.85
22	70063-3017003501	LEWIS, FLORA B	18019 OAKWORTH DR	$135.08
23	70063-3017026600	BROWN, ERINN	18018 HEATON DR	$143.95
24	70063-3017028100	MEAD, FRED C	18003 HEATON DR	$86.65
25	70063-3017128501	MONTGOMERY III, BOYD	18327 WILSTONE DR	$134.49
26	70063-3017143600	HAVINS, KAREN	4010 HAWICK DR	$200.72
27	70063-3017167700	JOLLIFF, NATHANIEL	18334 LONGMOOR DR	$216.23
28	70063-3017209400	ATCHISON, AL	5023 TARNBROOK DR	$323.90
29	70063-3017398201	COOK, ROSA M	5122 HEATHFIELD CT	$118.04
30	70063-3020012700	DRENNAN, FAYE	4102 DEERFIELD VILLAGE DR	$170.60

TOTAL $5,442.46