

**Harris County Municipal Utility  
District No. 136**

**OPERATIONS REPORT  
JULY 2009**



**HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 136  
MANAGEMENT REPORT**

**I. CONNECTIONS**

- July 8, 2009                      1,083

**II. WATER PRODUCTION**

- During the calendar month of July, the wells produced 27,381,000 gallons of water.
- The 1-Month water accountability average is 96.0%.
- Maintenance and repair items in the July invoice included:
  1. Performing the preventive maintenance on the fluoridation equipment at water plant #1 and the RMS at water plant #2.
  2. Repairing the controls at water plant #1.
  3. Reinstalling booster pump #3 and its motor after repairs at water plant #1.
  4. Painting over the graffiti on the fence at water plant #1.
  5. Trimming the trees and removing the debris at water plant #1.
- Maintenance and repair items that will be included in future invoices:
  1. Completing the repairs identified during the annual infra-red survey at water well #2.
  2. Repairing the soft start on the well motor at water plant #1.

**III. WATER DISTRIBUTION**

- Maintenance and repair items in the July invoice included:
  1. Repairing the 2" commercial meter located at Barker Cypress - SPR.
  2. Excavating and repairing the main line breaks located at:
    - 4122 Deerfield Village Drive
    - 3929 Heathersage Drive
  3. Replacing six meters registering over one million gallons of usage.
- Maintenance and repair items that will be included in future invoices:
  1. Performing the 2009 valve survey.
  2. Completing the repairs identified during the semi-annual fire hydrant survey.

**IV. SANITARY SEWER COLLECTION**

- Maintenance and repair items in the July invoice included:
  1. Excavating and repairing the force main on Clay Road and installing locking A-boxes.
  2. Televising the storm lines in the patio homes section.
  3. Performing the preventive maintenance on the RMS at lift station #2.
- Maintenance and repair items that will be included in future invoices:
  1. Completing the repairs identified during the annual infra-red survey at both lift stations.
  2. Performing preventive maintenance on the RMS at lift station #1.

**HARRIS COUNTY MUD #136**  
**CONNECTIONS REPORT**  
**JULY 2009**

CONNECTIONS	<u>JUL 08</u> <u>2009</u>	<u>JUN 08</u> <u>2009</u>	<u>JAN 08</u> <u>2009</u>
Occupied Single Family	1,056	1,054	1,052
Vacant Single Family	3	5	7
Multi-Family	0	0	0
Commercial	10	10	10
Builder	0	0	0
Irrigation	13	13	13
Rental Meters	0	0	0
District Meters	1	1	1
<b>TOTAL CONNECTIONS</b>	<u><u>1,083</u></u>	<u><u>1,083</u></u>	<u><u>1,083</u></u>

**METER INSTALLATIONS AND INSPECTIONS**  
**JUN 09 - JUL 08**

New Taps Installed . . . . .	0
Sewer Inspections Completed. . . . .	0
Builder Inspections Completed. . . . .	0
Customer Service Inspections Completed. . . . .	0
Net Rental Meter Change. . . . .	0

**Harris County MUD #136**  
**Regulatory Information**  
**July 2009**

**WASTEWATER TREATMENT**

Permitted Average Daily Flow	500,000 GPD / Jackrabbit Rd. PUD
Permit Number	WQ0011290-001
Ownership %	9.80%

**WATER SYSTEM**

Bacteriological Analysis  
The required 4 samples were taken during July-09

## TCEQ Chemical Analysis:

Metals	07/31/02
Radio-Chemicals	01/15/09
Volatile Organic Compounds (VOCs)	07/31/02
Minerals	03/04/08
Trihalomethane Gases (THMs)	06/15/05
Haloacetic Acids (HAAs)	06/15/05

**WATER PRODUCTION**

Purchased	From Harris County MUD No. 183
Sold	To
Pumped	24,341,000 at Water Plant #1
Pumped	3,040,000 at Water Plant #2
Total Supplied	27,381,000
Daily Average	883,258

**SUBSIDENCE INFORMATION**

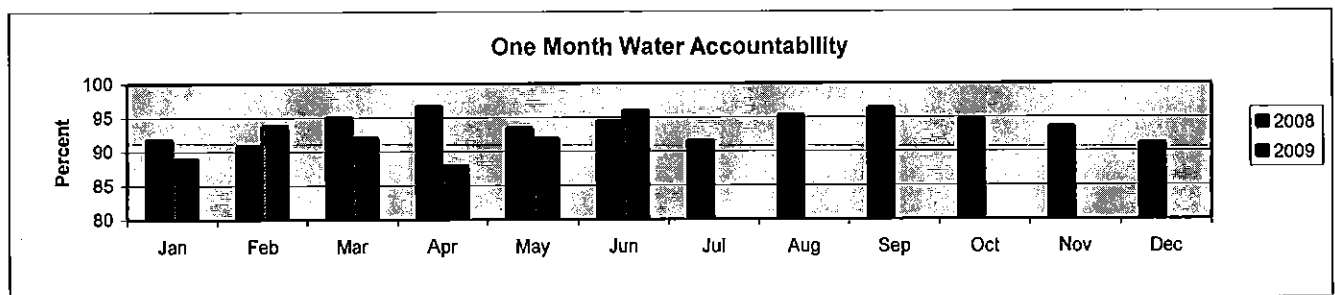
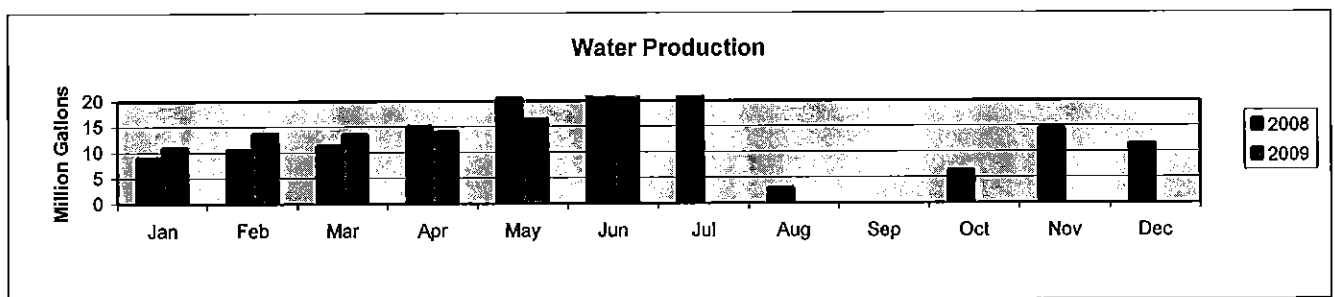
Permit Number	1855-2608
Permit Renewed	12/01/07
Permit Expires	11/30/08
Gallons Authorized	240,000,000
Cumulative Gallons Produced	129,609,000
Authorized Gallons Remaining	110,391,000
Average Gallons Per Month	16,201,125
Estimated Number of Months Available	6.81
Permit Months Remaining	4
Percent of Permitted Production	54.00

8/14- applied for permit renewal

## Harris County MUD #136

### Water Production and Accountability Report

Meter Read Date	Produced (MG)	Purchased (MG)	Billed (MG)	Sold (MG)	Unmetered (MG)	Accountability (%)	Four Month Average
01/04/08-02/01/08	9.046	0.000	8.295	0.000	0.014	91.9	92.8
02/02/08-03/05/08	10.502	0.000	9.488	0.000	0.051	90.8	91.9
03/06/08-04/02/08	11.359	0.000	10.749	0.000	0.057	95.1	92.2
04/03/08-05/02/08	15.112	0.000	14.565	0.000	0.052	96.7	93.6
05/03/08-06/02/08	20.648	0.000	19.243	0.000	0.061	93.5	94.0
06/03/08-06/30/08	22.586	0.000	21.350	0.000	0.000	94.5	95.0
07/01/08-07/29/08	22.648	0.000	20.717	0.000	0.026	91.6	94.1
07/30/08-08/27/08	2.994	14.898	17.036	0.000	0.017	95.3	93.7
08/28/08-09/26/08	0.000	18.241	17.520	0.000	0.061	96.4	94.5
09/27/08-10/27/08	6.385	10.836	16.228	0.000	0.082	94.7	94.5
10/28/08-12/01/08	14.548	0.131	13.647	0.000	0.089	93.6	95.0
12/02/08-12/31/08	11.548	0.043	10.519	0.000	0.047	91.2	94.0
01/01/09-01/30/09	11.056	0.000	9.837	0.000	0.003	89.0	92.1
01/31/09-03/03/09	13.706	0.000	12.832	0.000	0.025	93.8	91.9
03/04/09-04/01/09	13.595	0.000	12.491	0.000	0.023	92.0	91.5
04/02/09-05/04/09	14.006	1.024	13.201	0.000	0.017	87.9	90.7
05/05/09-06/01/09	16.527	0.052	15.199	0.000	0.039	91.9	91.4
06/02/09-07/01/09	22.230	7.094	28.105	0.000	0.054	96.0	92.0



**HARRIS COUNTY MUD #136**  
JULY 2009

**OPERATIONS CHARGES:**

1. Operations Fees	3,550.08
2. Water Well	11,253.33
3. Water Distribution	4,914.16
4. Sanitary Sewer Collection	5,323.47
5. Lift Station	453.75
6. Storm Sewer	444.90
7. Builder Services	110.00
8. Administrative Services	1,000.00

TOTAL OPERATIONS CHARGES

\$27,049.69

**HARRIS COUNTY MUD #136**  
**CUSTOMER BILLING REPORT**  
 June 9, 2009 Through July 8, 2009

Billed Water for Billing Period = 28,098,500 Gallons

**Current Billing:**

Deposit	\$ 350.00	
Penalty	0.00	
Water	49,136.20	
Sewer	16,001.41	
Region Water Authority	28,365.44	
Service Order	0.00	
Grease Trap Inspc.	82.50	
Ach Transmittal Fee	48.00	
Total Current Billing		\$ 93,983.55

**Aged Receivables:**

Ninety (90) Days	\$ 2,434.93	
Sixty (60) Days	2,419.32	
Thirty (30) Days	10,198.17	
Billed Arrears	15,052.42	
Credit Bal Fwd	<6,366.04>	
Total Aged Receivables		\$ 8,686.38

**Accounts Receivables:**

Deposit	\$ 700.00	
Late Charges	1,347.57	
Water	50,081.59	
Sewer	19,073.38	
Region Water Authority	31,336.89	
Service Order	0.00	
Grease Trap Inspc.	82.50	
Ach Transmittal Fee	48.00	
Total Accounts Receivables		\$ 102,669.93

**Deposit Liability:**

Balance As Of	06/09/09	\$ 49,640.00
Collections		400.00
Adjustments		<370.00>
Balance As Of	07/08/09	\$ 49,670.00

**HARRIS COUNTY MUD #136**  
**SCHEDULED MAINTENANCE AND REPAIR TIMETABLE**  
**JULY 2009**

**Facility Checklist Completed:**

Water Well # 1	07/21/09
Water Well # 2	07/21/09
Lift Station # 1	07/22/09
Lift Station # 2	07/22/09

**Inspections Completed:**

Fire Hydrants	05/07/09
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**WATER WELL - DAILY PUMPAGE REPORT**  
**MONTH: JULY 2009**  
**HARRIS COUNTY M.U.D. NO. 136**

DATE	WELL #1	WELL HOURS	WELL #2	WELL HOURS	TOTAL PUMPAGE	Percentage based on Combined Well Capacity	Interconnect
1	1057	19.3	70	2.4	1,127	62%	0
2	1149	21.1	81	3.6	1,230	67%	0
3	1105	20.2	91	3.0	1,196	65%	0
4	946	17.3	101	3.4	1,047	57%	0
5	804	14.9	63	2.1	867	47%	0
6	1099	20.1	89	3.1	1,188	65%	0
7	746	13.5	54	1.7	800	44%	0
8	832	15.3	48	1.5	880	48%	0
9	793	14.5	86	3.1	879	48%	0
10	1213	22.4	39	1.3	1,252	69%	0
11	885	16.5	77	2.9	962	53%	0
12	999	18.5	112	3.7	1,111	61%	0
13	1269	23.6	133	4.8	1,402	77%	0
14	1057	19.6	65	2.1	1,122	61%	0
15	1031	19.2	30	1.0	1,061	58%	0
16	727	13.5	30	1.0	757	41%	0
17	878	16.4	79	3.0	957	52%	0
18	954	18.0	90	2.8	1,044	57%	0
19	582	10.6	101	4.2	683	37%	0
20	533	9.8	87	4.1	620	34%	0
21	620	11.4	85	4.2	705	39%	0
22	451	7.9	165	7.8	616	34%	0
23	379	6.9	86	4.2	465	25%	0
24	376	6.7	86	4.2	462	25%	0
25	568	10.0	130	5.9	698	38%	0
26	568	10.0	159	11.2	727	40%	0
27	569	10.0	156	4.2	725	40%	0
28	569	11.1	206	9.5	775	42%	0
29	527	9.0	146	6.0	673	37%	0
30	527	9.0	145	6.5	672	37%	0
31	528	10.7	150	6.5	678	37%	0
<b>TOTAL</b>	<b>24,341</b>	<b>447.0</b>	<b>3,040</b>	<b>125.0</b>	<b>27,381</b>		<b>0</b>

Water Well #	GPM	Min./Day	MGD
1*	973	1440	1401
2**	296	1440	426
<b>TOTAL</b>			<b>1827</b>

75% for 3 days

85% for 3 days

95% for 3 days

*\*Based on 04/30/09 well production test Water Well #1*

*\*\*Based on 04/30/09 well production test Water Well #2*

HARRIS COUNTY MUD #136  
Commercial Usage Report  
07/08/09

CUSTOMER NAME	SERVICE ADDRESS	CURRENT USAGE	PREVIOUS USAGE	Y-T-D USAGE
<b>C - COMMERCIAL</b>				
WALGREEN #6909	4007 BARKER CYPRESS RD	2.8	3.4	42.2
CLAY'S RESTAURANT	17717 CLAY RD	0.0	0.0	0.0
PROSPERITY BANK	17202 CLAY RD	14.5	9.1	457.6
RANDALLS #2672	18322 CLAY RD	72.1	58.9	429.0
RUSCHE DISTRIBUTING CO.	18324 CLAY ROAD	52.7	44.6	331.0
PINEFOREST COUNTRY CLUB	PINEFOREST COUNTRY	0.0	0.0	0.0
MURPHY BERNARD	5106 WINDSONG TRAIL	14.5	4.9	49.8
Deerfield Park Community	CLAY RD @ DEERFIELD PARK	717.8	153.0	2546.6
Totals		874.4	273.9	3856.2
<b>D - DISTRICT</b>				
LIFT STATION # 2	5028 WALNUT COVE-LS2	0.0	0.0	0.0
Totals		0.0	0.0	0.0
<b>E - EDUCATION</b>				
CY FAIR ISD WILSON ELEMEN	18015 KEITH HARROW	0.0	91.0	496.0
Totals		0.0	91.0	496.0
<b>I - IRRIGATION</b>				
RANDALLS #2672	18322 CLAY RD-SPR	196.2	165.0	1663.4
WALGREENS #6909	4007 BARKER CYPRESS-SPR	37.0	0.0	59.6
RUSCHE DISTRIBUTING CO.	18324 CLAY RD-SPR	2.7	0.0	21.7
DEERFIELD VLG COMM ASSN	HEATHERSAGE @ DEERFIELD-S	54.4	18.0	168.6
*VACANT*	HEATHERSAGE ESP-SPR	0.0	0.0	0.0
DEERFIELD VLG COMM ASSN	3941-1/2 HEATHERSAGE-SPR	0.0	0.0	0.4
DEERFIELD VLG COMM ASSN	DEERFIELD ENT @ CLAY-SPR#	202.0	65.8	544.2
DEERFIELD VLG COMM ASSN	DEERFIELD ENT @ CLAY-SPR#	28.4	15.3	110.7
*VACANT*	HEATHERSAGE SPR	0.0	0.0	0.0
*VACANT*	HARTWELL @ 5030-SPR	0.0	0.0	0.0
DEERFIELD VLG COMM ASSN	3901 DEERFIELD - SPR	115.6	41.9	301.0
DEERFIELD VLG COMM ASSN	DANEBRIDGE @ K HARROW-SPR	3.5	3.5	28.0
VERDANT FARMS LLC	BARKER CYPRESS-SPR	0.6	0.0	0.8
Totals		640.4	309.5	2898.4
<b>N - NON-PROFIT</b>				
DEERFIELD VLG COMM ASSN	4045 DEERFIELD VLG-POOL	449.9	206.3	1005.5
Totals		449.9	206.3	1005.5
* * HARRIS COUNTY MUD #136 Totals * *		1964.7	880.7	8256.1



PERMITTEE NAME/ADDRESS (Include Firm Name / Location & Zip Code)

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

ATTN: ROSS BELL, SECRETARY/TRES

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

DISCHARGE MONITORING REPORT

MINOR

M - INTERIM  
 DOMESTIC FACILITY-001

TX0046621 PERMIT NO.  
 001 A DISCHARGE NO.

MONITORING PERIOD

FROM 06 06 01 TO 06 05 30

\*\*\* NO DISCHARGE \*\*\*

NOTE: Read Instructions before completing this form.

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. OF ANALYSES	Sample Type
	AVG	MAX	UNITS	MIN	AVG	MAX		
OXYGEN, DISSOLVED (DO)	*****	*****	*****	7.1	*****		(19)	grab
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	MG/L	*****
PH	*****	*****	*****	7.22	*****	7.84	(12)	grab
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	SU	*****
SOLIDS, TOTAL SUSPENDED	*****	*****	(26)	*****	4.2	21.1	(19)	comp
EFFLUENT GROSS VALUE	*****	*****	LBS/DY	*****	*****	*****	MG/L	*****
NITROGEN, AMMONIA TOTAL (AS N)	*****	*****	(26)	*****	0.10	0.10	(19)	comp
EFFLUENT GROSS VALUE	*****	*****	LBS/DY	*****	*****	*****	MG/L	*****
FLOW, IN CONDUIT OR THRU TREATMENT PLAN	*****	4861	(78)	*****	*****	*****	*****	total
EFFLUENT GROSS VALUE	*****	*****	GPM	*****	*****	*****	*****	total
ANNUAL AVERAGE	*****	*****	(03)	*****	*****	*****	*****	total
FLOW, IN CONDUIT OR THRU TREATMENT PLAN	*****	3.467	(03)	*****	*****	*****	*****	total
EFFLUENT GROSS VALUE	*****	*****	MGD	*****	*****	*****	*****	total

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 ROSS BELL  
 SECY/TREAS

TELEPHONE 2815784200

DATE

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Indicate Per 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  
 ATTN: ROSS BELL, SECRETARY/TRES

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

DISCHARGE MONITORING REPORT

MINOR

M - INTERIM  
 DOMESTIC FACILITY-001

PERMIT NO. TX0046621  
 DISCHARGE NO. 001 A

MONITORING PERIOD  
 FROM 05 06 01 TO 06 06 30

\*\*\* 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			
CHLORINE, TOTAL RESIDUAL	*****	*****	*****	*****	*****	0.06	(19)	Daily	grab
50060 A 0 0	*****	*****	*****	*****	*****	0.06	(19)	DAILY	GRAB
DISINFECT, PROCS CMPLT	*****	*****	*****	*****	*****	*****	*****	DAILY	GRAB
CHLORINE, TOTAL RESIDUAL	*****	*****	*****	1.2	*****	*****	(19)	Daily	grab
50060 B 0 0	*****	*****	*****	*****	*****	*****	*****	DAILY	GRAB
PRIOR TO DISINFECT	*****	*****	*****	*****	*****	*****	*****	DAILY	GRAB
BOD, CARBONACEOUS 05 DAY, 20C	65.77	*****	(26)	*****	3.2	5.1	(19)	5/Week	comp
80082 1 0 0	*****	*****	*****	*****	*****	*****	*****	WEEKLY	COMP
EFFLUENT GROSS VALUE	*****	*****	LBS/DY	*****	*****	*****	*****	*****	*****

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER ROSS BELL SECY/TREAS TYPED OR PRINTED	TELEPHONE 2815784200	DATE
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)		