

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

## **OPERATIONS REPORT SEPTEMBER 2009**



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

**I. CONNECTIONS**

- September 8, 2009                      1,083

**II. WATER PRODUCTION**

- During the calendar month of September, the wells produced 15,730,000 gallons of water.
- The 4-Month water accountability average is 93.6%.
- Maintenance and repair items in the September invoice included:
  1. Performing the preventive maintenance on the well motor at water plant #1 and #2, and the booster pump motor at water plant #1.
  2. Cleaning the colorimeter on the chlorine analyzer at water plant #1.
- Maintenance and repair items that will be included in future invoices:
  1. Repairing the soft start on the well motor at water plant #1.

**III. WATER DISTRIBUTION**

- Maintenance and repair items in the September invoice included:
  1. Completing the repairs identified during the semi-annual fire hydrant inspection.
- Maintenance and repair items that will be included in future invoices:
  1. Performing the 2009 valve survey.

**IV. SANITARY SEWER COLLECTION**

- Maintenance and repair items that will be included in future invoices:
  1. Cleaning lift stations #1 and #2.
  2. Performing the 2009 manhole survey.

**V. PENDING MAINTENANCE**

- Installing new doors and frames on the MCC, chlorine and fluoride room doors - \$4,850.00.

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

CONNECTIONS	SEP 08 2009	AUG 08 2009	JAN 08 2009
	<u>          </u>	<u>          </u>	<u>          </u>
Occupied Single Family	1,054	1,056	1,052
Vacant Single Family	5	3	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**  
**AUG 09 - SEP 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**  
**September 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 September-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	142,000 From WHCRWA
Sold	To
Pumped	13,088,000 at Water Plant #1
Pumped	2,642,000 at Water Plant #2
Total Supplied	15,872,000
Daily Average	529,067

**SUBSIDENCE INFORMATION**

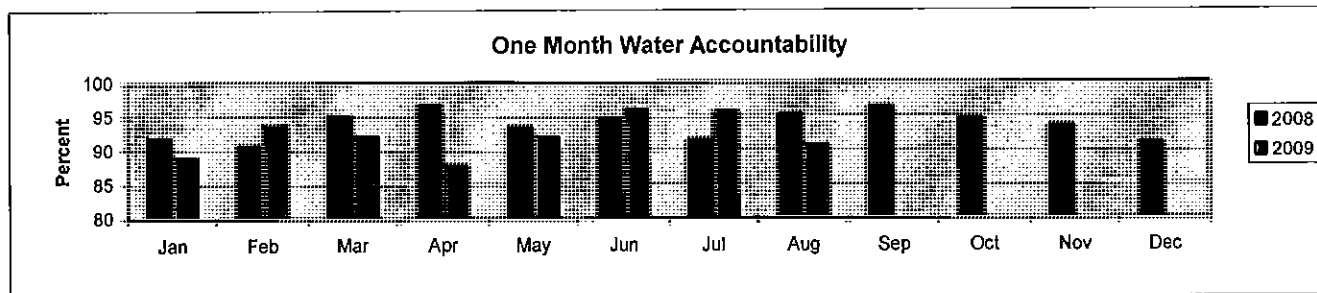
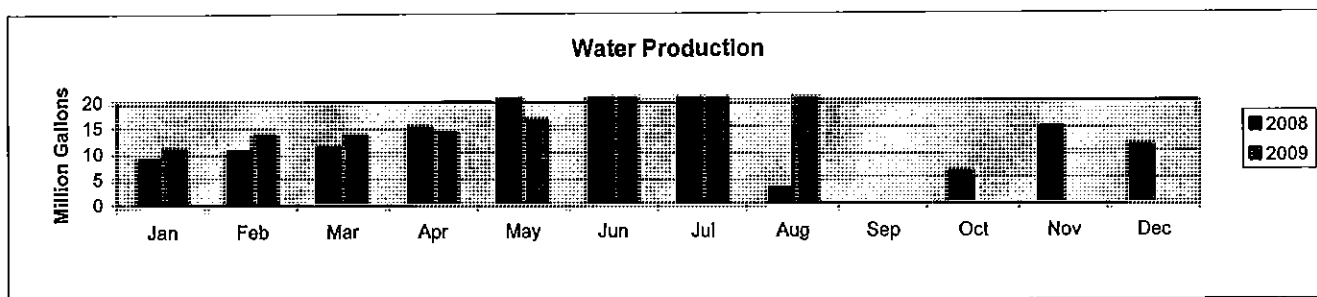
Permit Number	1855-2608
Permit Renewed	12/01/07
Permit Expires	11/30/08
Gallons Authorized	240,000,000
Cumulative Gallons Produced	170,434,000
Authorized Gallons Remaining	69,566,000
Average Gallons Per Month	17,043,400
Estimated Number of Months Available	4.08
Permit Months Remaining	2
Percent of Permitted Production	71.01

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
07/02/09-07/31/09	26.254	0.000	25.122	0.000	0.002	95.7	92.9
08/01/09-09/01/09	25.950	0.000	23.480	0.000	0.073	90.8	93.6



**HARRIS COUNTY MUD #136**  
SEPTEMBER 2009

OPERATIONS CHARGES:

1. Operations Fees	3,463.90
2. Water Well	1,049.26
3. Water Distribution	596.88
4. Sanitary Sewer Collection	103.41
5. Lift Station	47.00
6. Administrative Services	1,000.00
 	<hr/>
TOTAL OPERATIONS CHARGES	<u>\$6,260.45</u>

**HARRIS COUNTY MUD #136**  
**CUSTOMER BILLING REPORT**  
 August 9, 2009 Through September 8, 2009

Billed Water for Billing Period = 23,477,900 Gallons

**Current Billing:**

Deposit	\$ 450.00	
Penalty	0.00	
Water	38,611.37	
Sewer	15,495.26	
Regional Water Authority	23,630.01	
Service Order	0.00	
Grease Trap Inspc.	82.50	
Ach Transmittal Fee	49.00	
Total Current Billing		\$ 78,318.14

**Aged Receivables:**

Ninety (90) Days	\$ 3,002.76	
Sixty (60) Days	4,104.82	
Thirty (30) Days	24,091.05	
Billed Arrears	31,198.63	
Credit Bal Fwd	<4,607.83>	
Total Aged Receivables		\$ 26,590.80

**Accounts Receivables:**

Deposit	\$ 475.34	
Late Charges	2,786.49	
Water	49,349.42	
Sewer	20,819.55	
Regional Water Authority	31,346.64	
Service Order	0.00	
Grease Trap Inspc.	82.50	
Ach Transmittal Fee	49.00	
Total Accounts Receivables		\$ 104,908.94

**Deposit Liability:**

Balance As Of	08/09/09	\$ 49,820.00
Collections		374.66
Adjustments		<340.00>
Balance As Of	09/08/09	\$ 49,854.66

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

**Facility Checklist Completed:**

Water Well # 1	09/10/09
Water Well # 2	09/10/09
Lift Station # 1	09/16/09
Lift Station # 2	09/16/09

**Inspections Completed:**

Fire Hydrants	05/07/09
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**WATER WELL - DAILY PUMPAGE REPORT**  
**MONTH: SEPTEMBER 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	Surface Water
1	645	11.7	210	10.6	855	47%	0
2	856	14.9	172	8.2	1,028	56%	0
3	400	8.2	87	4.2	487	27%	0
4	362	6.6	31	3.9	393	22%	0
5	391	7.0	152	9.4	543	30%	0
6	566	10.4	153	12.2	719	39%	0
7	579	10.4	64	7.7	643	35%	0
8	524	9.7	159	2.7	683	37%	0
9	329	5.9	88	4.1	417	23%	0
10	382	6.8	0	0.0	382	21%	0
11	516	9.1	12	0.3	528	29%	0
12	433	8.4	20	0.8	453	25%	0
13	474	8.5	171	8.3	645	35%	0
14	557	10.1	0	0.0	557	30%	0
15	542	10.1	78	3.6	620	34%	0
16	520	9.3	162	8.0	682	37%	0
17	585	10.7	90	4.4	675	37%	0
18	613	11.2	131	6.3	744	41%	0
19	642	11.5	36	1.2	678	37%	0
20	734	13.3	148	7.2	882	48%	0
21	321	5.8	84	4.2	405	22%	0
22	302	5.4	87	4.1	389	21%	0
23	286	5.0	87	4.3	373	20%	10
24	293	5.2	85	4.2	378	21%	0
25	296	4.9	84	4.0	380	21%	0
26	243	4.2	91	0.0	334	18%	0
27	690	12.3	160	12.4	850	47%	0
28	7	0.2	0	0.0	7	0%	40
29	0	0.0	0	0.0	0	0%	48
30	0	0.0	0	0.0	0	0%	44
<b>TOTAL</b>	<b>13,088</b>	<b>236.8</b>	<b>2,642</b>	<b>136.3</b>	<b>15,730</b>		<b>142</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  
09/08/09

CUSTOMER NAME	SERVICE ADDRESS	CURRENT USAGE	PREVIOUS USAGE	Y-T-D USAGE
<b>C - COMMERCIAL</b>				
WALGREEN #6909	4007 BARKER CYPRESS RD	15.6	10.3	68.1
CLAY'S RESTAURANT	17717 CLAY RD-OOD	0.0	0.0	0.0
PROSPERITY BANK	17202 CLAY RD	82.4	149.3	689.3
RANDALLS #2672	18322 CLAY RD	83.0	84.4	596.4
RUSCHE DISTRIBUTING CO.	18324 CLAY ROAD	55.2	50.8	437.0
PINEFOREST COUNTRY CLUB	PINEFOREST COUNTRY-OOD	0.0	0.0	0.0
MURPHY BERNARD	5106 WINDSONG TRAIL-OOD	4.9	23.9	78.6
Deerfield Park Community	CLAY RD @ DEERFIELD PARK-	321.2	538.1	3405.9
Totals		562.3	856.8	5275.3
<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	150.0	0.0	646.0
Totals		150.0	0.0	646.0
<b>I - IRRIGATION</b>				
RANDALLS #2672	18322 CLAY RD-SPR	215.5	186.3	2065.2
WALGREENS #6909	4007 BARKER CYPRESS-SPR	84.7	171.9	316.2
RUSCHE DISTRIBUTING CO.	18324 CLAY RD-SPR	57.7	8.3	87.7
DEERFIELD VLG COMM ASSN	HEATHERSAGE @ DEERFIELD-S	44.2	72.6	285.4
*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#	187.5	282.1	1013.8
DEERFIELD VLG COMM ASSN	DEERFIELD ENT @ CLAY-SPR#	32.4	37.5	180.6
*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	119.2	162.2	582.4
DEERFIELD VLG COMM ASSN	DANEBRIDGE @ K HARROW-SPR	3.8	3.9	35.7
VERDANT FARMS LLC	BARKER CYPRESS-SPR	0.0	0.0	0.8
Totals		745.0	924.8	4568.2
<b>N - NON-PROFIT</b>				
DEERFIELD VLG COMM ASSN	4045 DEERFIELD VLG-POOL	267.3	415.4	1688.2
Totals		267.3	415.4	1688.2
* * HARRIS COUNTY MUD #136 Totals * *		1724.6	2197.0	12177.7



PERMITTEE NAME/ADDRESS (Include Fee Name / Location if Different)

JACKRABBIT ROAD PUD  
 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  
 TX0046621 PERMIT NO. 001 A DISCHARGE NO.  
 M - INTERIM  
 DOMESTIC FACILITY-001

MONITORING PERIOD  
 YR. MO. DAY YR. MO. DAY  
 FROM 09 08 01 TO 09 08 31

\*\*\* NO DISCHARGE [ ] \*\*\*

NOTE: Read Instructions before completing this form.

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. OF ANALYSIS	SAMPLE TYPE
	AVG	MAX	UNITS	MIN	AVG	MAX		
OXYGEN, DISSOLVED (DO)				7.1			0	grab
00390   0 0				6.0				WEEKLY GRAB
EFFLUENT GROSS VALUE				MO MIN				
PH				7.3			0	grab
90400   0 0				6.0				WEEKLY GRAB
EFFLUENT GROSS VALUE				MINIMUM				
SOLIDS, TOTAL SUSPENDED							0	comp
00530   0 0								WEEKLY COMP
EFFLUENT GROSS VALUE								
NITROGEN, AMMONIA TOTAL (AS N)							1	comp
00610   0 0								WEEKLY COMP
EFFLUENT GROSS VALUE								
FLOW, IN CONDUIT OR THRU TREATMENT PLAN							0	total
30050 P 0 0								TOTAL
SEE COMMENTS BELOW								
FLOW, IN CONDUIT OR THRU TREATMENT PLAN							0	total
30050 Y 0 0								TOTAL
ANNUAL AVERAGE								
FLOW, IN CONDUIT OR THRU TREATMENT PLAN							0	total
30050 I 0 0								TOTAL
EFFLUENT GROSS VALUE								

NAME/TITLE: PRINCIPAL EXECUTIVE OFFICER  
 ROSS BELL  
 SSECY/TREAS  
 TYPE OR PRINTED

TELEPHONE: 281-578-2000  
 DATE:

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

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

PERMITTEE NAME/ADDRESS (Include Full Name / Location if Different)

JACKRABBIT ROAD PUD  
 C/O SEVERN TRENT SERVICES  
 16337 PARK ROW  
 HOUSTON TX 77084

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

DISCHARGE MONITORING REPORT

TX0046621 PERMIT NO.  
 001 A DISCHARGE NO.

MINOR

M - INTERIM  
 DOMESTIC FACILITY-001

FACILITY  
 JACKRABBIT RD PUD WWTP

MONITORING PERIOD  
 YR MO DAY YR MO DAY  
 FROM 09 08 01 TO 09 08 31

LOCATION  
 HOUSTON TX 77084  
 ATTN: ROSS BELL, SECRETARY/TRES

NO DISCHARGE

NOTE: Read Instructions before completing this form.

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			UNITS	NO EX	Frequency of analysis	Sample Type
	AVG	MAX	UNITS	MIN	AVG	MAX				
CHLORINE TOTAL RESIDUAL					0.06		(19)	0	Daily	grab
50060 A 0 0					0.099		MG/L		DAILY	GRAB
DISTINFECT. PRCS CMPLT					INST MAX					
CHLORINE TOTAL RESIDUAL				1.2			(19)	0	Daily	grab
50060 B 0 0				1.0			MG/L		DAILY	GRAB
PRIOR TO DISINFECT				MO MIN						
E. COLI GENERAL			(13)		1.0		(32)	0	Weekly	GRAB
51040 1 0 0			100M/L		REPORT DA GEOAV		CFU/100M/L		WVK	GRAB
EFFLUENT GROSS VALUE					REPORT DA GEOAV					
BOD CARBONACEOUS 05 DA Y. 20C			(25)		2.5		(19)	0	5Week	comp
80082 1 0 0			LBS/DY		10		MG/L		WEEKLY	COMP
EFFLUENT GROSS VALUE					30DA AVG					

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 ROSS BELL  
 SECY/TRES  
 TYPED OR PRINTED

TELEPHONE  
 2815784200

DATE  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

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