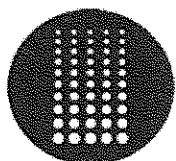


# **Harris County Municipal Utility District No. 136**

## **OPERATIONS REPORT APRIL 2011**



**SouthWest  
Water Company**

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

**I. CONNECTIONS**

- April 8, 2011                      1,083

**II. WATER PRODUCTION**

- During the calendar month of April 19,016,000 gallons were purchased from the West Harris County Regional Water Authority and 107,000 gallons were produced at water well #1.
- The 1-Month water accountability is 98.7%.
- Maintenance and repair items in the April invoice included:
  1. Performing preventive maintenance on all 4 booster pumps and the air compressor.
  2. Pulling booster pump #1 and taking to vendor for repairs.
- Maintenance and repair items that will be included in future invoices:
  1. Reinstalling booster pump #1 after making repairs.

**III. WATER DISTRIBUTION**

- Maintenance and repair items in the April invoice included:
  1. Excavating and pinpointing location of broken main line at the intersection of Deerfield Village Drive and Heathersage Drive.
  2. Installing bollards around the hydrants located along Barker Cypress Road.
  3. Testing the commercial meters in the district.
  4. Performing concrete and landscape repairs to the area affected by settling at 18103 Oakhampton.
- Maintenance and repair items that will be included in future invoices:
  1. Replacing 14 meters registering over one million gallons of usage.
  2. Performing the semi annual fire hydrant survey.

**IV. SANITARY SEWER COLLECTION**

- Maintenance and repair items in the April invoice included:
  1. Completing the Phase 2 Sanitary Sewer Point Repairs at:
    - 18122 Heaton Drive
    - 18114 Mountfield Drive
    - 18014 Oakhampton Drive
  2. Inspecting 4 grease traps in March 2011.
- Maintenance and repair items that will be included in future invoices:
  1. Inspecting 4 grease traps in April 2011.

**V. LIFT STATION**

- Maintenance and repair items in the April invoice included:
  1. Replacing the sump pump in the dry well at lift station #1.
  2. Repairing the check valve to lift pump #2 at lift station #1.
- Maintenance and repair items that will be included in future invoices:
  1. Reinstalling lift pump #1 at lift station #1 after repairs were made.
  2. Replacing the breaker and demand switches to lift pump #1 at lift station #2.

**HARRIS COUNTY MUD #136  
CONNECTIONS REPORT  
APRIL 2011**

CONNECTIONS	APR 08 2011	MAR 08 2011	JAN 08 2011
Occupied Single Family	1,053	1,052	1,051
Vacant Single Family	6	7	8
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>	<b>1,083</b>	<b>1,083</b>	<b>1,083</b>

**METER INSTALLATIONS AND INSPECTIONS  
MAR 09 - APR 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**  
**APRIL 2011**

**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 April-11

TCEQ Chemical Analysis:

Metals	06/01/10
Radio-Chemicals	02/03/10
Volatile Organic Compounds (VOCs)	02/03/10
Minerals	03/04/08
Trihalomethane Gases (THMs)	06/01/10
Haloacetic Acids (HAAs)	06/01/10

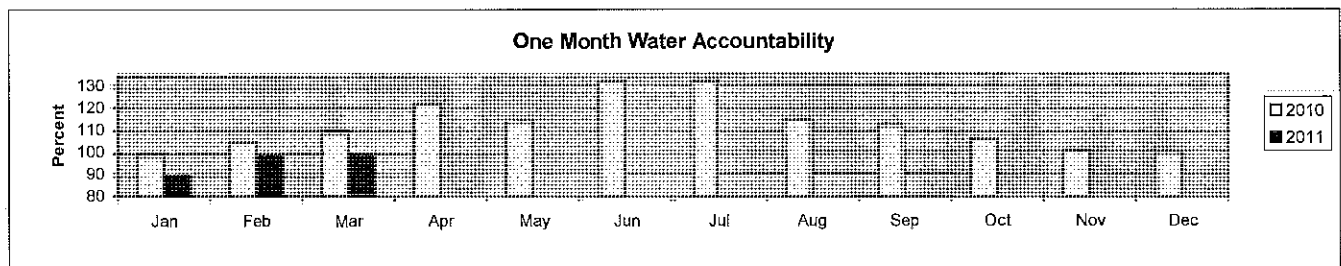
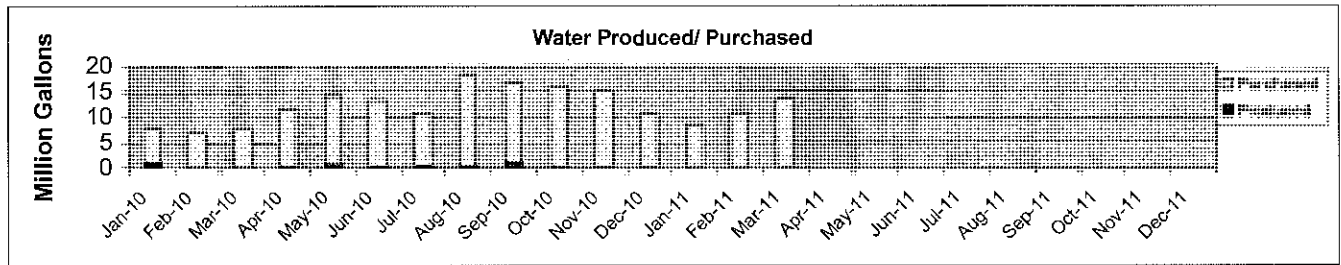
**WATER PRODUCTION**

Purchased	19,016,000 From WHCRWA
Purchased	From H183
Sold	To H183
Pumped	107,000 at Water Plant #1
Pumped	at Water Plant #2
Total Supplied	19,123,000
Daily Average	637,433

## Harris County MUD #136

### Water Production and Accountability Report

Meter Read Date	Produced (MG)	RWA (MG)	Purchased (MG)	Billed (MG)	Sold (MG)	Unmetered (MG)	Accountability (%)	Four Month Average
12/31/09-01/27/10	0.917	6.757		7.580	0.000	0.000	98.8	94.5
01/28/10-02/26/10	0.000	6.857		7.054	0.000	0.138	104.9	98.3
02/27/10-03/26/10	0.006	7.704		8.318	0.000	0.092	109.1	102.3
03/27/10-04/27/10	0.059	11.380		13.876	0.000	0.092	122.1	108.7
04/28/10-05/26/10	0.642	13.586		16.167	0.000	0.076	114.2	112.6
05/27/10-06/25/10	0.158	13.157		17.499	0.000	0.136	132.4	119.4
06/06/10-07/28/10	0.248	10.725		14.580	0.000	0.000	132.9	125.4
07/29/10-08/27/10	0.174	17.867		20.557	0.000	0.114	114.6	123.5
08/28/10-09/30/10	0.977	15.601		18.479	0.000	0.133	112.3	123.0
10/01/10-10/27/10	0.005	15.959		16.898	0.000	0.094	106.4	116.5
10/28/10-11/30/10	0.000	15.119		14.677	0.400	0.100	100.4	108.4
12/01/10 - 12/28/10	0.000	10.536		10.516	0.000	0.000	99.8	104.7
12/29/10 - 01/28/11	0.026	8.376	0.656	7.994	0.000	0.068	89.0	98.9
01/29/11 - 02/28/11	0.000	10.578	0.000	9.040	0.000	1.363	98.3	96.9
03/01/11 - 03/29/11	0.091	13.282		13.115	0.000	0.078	98.7	96.5



HARRIS COUNTY MUD #136  
APRIL 2011

OPERATIONS CHARGES:

1. Operations Fees	3,376.60
2. Water Well	3,021.07
3. Water Distribution	11,368.59
4. Sanitary Sewer Collection	8,725.70
5. Lift Station	2,020.01
6. Administrative Services	2,007.11
TOTAL OPERATIONS CHARGES	<u>\$30,519.08</u>

**HARRIS COUNTY MUD #136**  
**CUSTOMER BILLING REPORT**  
**March 9, 2011 Through April 8, 2011**

Billed Water for Billing Period = 13,100,800 Gallons

**Current Billing:**

Deposit	\$ 300.00	
Penalty	0.00	
Water	20,539.27	
Sewer	31,103.61	
Regional Water Authority	24,211.46	
Service Order	0.00	
Grease Trap Inspc.	82.50	
Ach Transmittal Fee	53.00	
Total Current Billing		\$ 76,289.84

**Aged Receivables:**

Ninety (90) Days	\$ 1,782.75	
Sixty (60) Days	3,815.71	
Thirty (30) Days	10,667.26	
Billed Arrears	16,265.72	
Credit Bal Fwd	<6,636.11>	
Total Aged Receivables		\$ 9,629.61

**Accounts Receivables:**

Deposit	\$ 450.00	
Late Charges	1,499.44	
Water	19,618.67	
Sewer	36,303.02	
Regional Water Authority	27,859.82	
Service Order	55.00	
Grease Trap Inspc.	82.50	
Ach Transmittal Fee	51.00	
Total Accounts Receivables		\$ 85,919.45

**Deposit Liability:**

Balance As Of	03/09/11	\$ 49,650.00
Collections		400.00
Adjustments		<400.00>
Balance As Of	04/08/11	\$ 49,650.00

**HARRIS COUNTY MUD #136**  
**SCHEDULED MAINTENANCE AND REPAIR TIMETABLE**  
**APRIL 2011**

**Inspections Completed:**

Fire Hydrants

11/05/10

**WATER WELL - DAILY PUMPAGE REPORT**  
**MONTH: APRIL 2011**  
**HARRIS COUNTY M.U.D. NO. 136**

DATE	WELL #1	WELL HOURS	TOTAL PUMPAGE	Percentage based on Combined Well Capacity	Surface Water
1	24	0.3	24	2%	390
2	0	0.0	0	0%	456
3	0	0.0	0	0%	527
4	0	0.0	0	0%	511
5	0	0.0	0	0%	409
6	0	0.0	0	0%	854
7	0	0.0	0	0%	357
8	10	0.1	10	1%	609
9	12	0.2	12	1%	470
10	0	0.0	0	0%	711
11	0	0.0	0	0%	646
12	0	0.0	0	0%	579
13	0	0.0	0	0%	664
14	0	0.0	0	0%	472
15	0	0.0	0	0%	730
16	5	0.1	5	0%	448
17	0	0.0	0	0%	678
18	0	0.0	0	0%	890
19	0	0.0	0	0%	520
20	0	0.0	0	0%	842
21	0	0.0	0	0%	777
22	0	0.0	0	0%	720
23	0	0.0	0	0%	723
24	0	0.0	0	0%	668
25	0	0.0	0	0%	772
26	0	0.0	0	0%	685
27	0	0.0	0	0%	771
28	0	0.0	0	0%	749
29	0	0.0	0	0%	714
30	56	0.9	56	4%	674
<b>TOTAL</b>	<b>107</b>	<b>1.6</b>	<b>107</b>	<b>7%</b>	<b>19016</b>

Water Well #	GPM	Min./Day	MGD	
1*	1003	1440	1444	75% for 3 days
				85% for 3 days
				95% for 3 days
<b>TOTAL</b>			<b>1444</b>	

*\*Based on 04/07/10 well production test Water Well #1*

HARRIS COUNTY MUD #136  
Commercial Usage Report  
04/08/11

CUSTOMER NAME	SERVICE ADDRESS	CURRENT USAGE	PREVIOUS USAGE	Y-T-D USAGE
C - COMMERCIAL				
WALGREEN #6909	4007 BARKER CYPRESS RD	3.4	6.9	17.1
CLAY'S RESTAURANT	17717 CLAY RD-OOD	0.0	0.0	0.0
PROSPERITY BANK	17202 CLAY RD	15.0	17.9	63.6
RANDALLS #2672	18322 CLAY RD	52.4	53.1	201.4
RUSCHE DISTRIBUTING CO.	18324 CLAY ROAD	34.3	29.1	119.2
PINEFOREST COUNTRY CLUB	PINEFOREST COUNTRY-OOD	0.0	0.0	0.0
MURPHY BERNARD	5106 WINDSONG TRAIL-OOD	6.5	6.4	24.5
Deerfield Park Community	CLAY RD @ DEERFIELD PARK-	319.6	319.0	1183.6
	Totals	431.2	432.4	1609.4
D - DISTRICT				
LIFT STATION # 2	5028 WALNUT COVE-LS2	0.0	0.0	0.0
	Totals	0.0	0.0	0.0
E - EDUCATION				
CY FAIR ISD WILSON ELEMEN	18015 KEITH HARROW	103.0	102.0	369.0
	Totals	103.0	102.0	369.0
I - IRRIGATION				
RANDALLS #2672	18322 CLAY RD-SPR	0.0	0.0	0.0
WALGREENS #6909	4007 BARKER CYPRESS-SPR	0.0	5.2	55.1
RUSCHE DISTRIBUTING CO.	18324 CLAY RD-SPR	0.0	0.0	0.0
DEERFIELD VLG COMM ASSN	HEATHERSAGE @ DEERFIELD-S	0.0	2.8	81.3
*VACANT*	HEATHERSAGE ESP-SPR	0.0	0.0	0.0
DEERFIELD VLG COMM ASSN	3941-1/2 HEATHERSAGE-SPR	0.0	0.0	0.0
DEERFIELD VLG COMM ASSN	DEERFIELD ENT @ CLAY-SPR#	97.7	10.8	361.8
DEERFIELD VLG COMM ASSN	DEERFIELD ENT @ CLAY-SPR#	13.7	3.4	55.8
*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	28.0	13.0	131.5
DEERFIELD VLG COMM ASSN	DANEBRIDGE @ K HARROW-SPR	11.3	2.0	44.8
VERDANT FARMS LLC	BARKER CYPRESS-SPR	3.8	2.1	8.4
	Totals	154.5	39.3	738.7
N - NON-PROFIT				
DEERFIELD VLG COMM ASSN	4045 DEERFIELD VLG-POOL	96.2	59.9	277.8
	Totals	96.2	59.9	277.8
* * HARRIS COUNTY MUD #136 Totals * *		784.9	633.6	2994.9

## H136 Lift Station #1

Date	LP #1 ETM	LP #1 Hours	LP #2 ETM	LP #2 Hours	LP #3 ETM	LP #3 Hours
3/1/2011	5952.6	0.0	3243.9	3	5319.2	0.0
3/2/2011	5952.6	0.0	3246.9	3	5319.2	0.0
3/3/2011	5952.6	0.0	3249.9	3	5319.2	0.0
3/4/2011	5952.6	0.0	3252.9	3	5319.2	0.0
3/5/2011	5952.6	0.0	3255.9	3	5319.2	0.0
3/6/2011	5952.6	0.0	3258.9	3	5319.2	0.0
3/7/2011	5952.6	0.0	3261.9	3	5319.2	0.0
3/8/2011	5952.6	0.0	3264.9	3	5319.2	0.0
3/9/2011	5952.8	0.2	3268.0	3.1	5319.2	0.0
3/10/2011	5952.8	0.0	3271.5	3.5	5323.1	3.9
3/11/2011	5952.8	0.0	3275.1	3.6	5327.0	3.9
3/12/2011	5952.8	0.0	3275.1	0	5331.1	4.1
3/13/2011	5952.8	0.0	3275.1	0	5335.2	4.1
3/14/2011	5952.8	0.0	3275.1	0	5339.3	4.1
3/15/2011	5952.8	0.0	3275.1	0	5345.7	6.4
3/16/2011	5952.8	0.0	3275.1	0	5352.1	6.4
3/17/2011	5952.8	0.0	3275.1	0	5358.6	6.5
3/18/2011	5952.8	0.0	3275.1	0	5360.6	2.0
3/19/2011	5952.8	0.0	3275.1	0	5362.6	2.0
3/20/2011	5952.8	0.0	3275.1	0	5364.6	2.0
3/21/2011	5952.8	0.0	3275.1	0	5366.6	2.0
3/22/2011	5952.8	0.0	3275.1	0	5368.7	2.1
3/23/2011	5952.8	0.0	3275.1	0	5370.7	2.0
3/24/2011	5952.8	0.0	3275.1	0	5372.7	2.0
3/25/2011	5952.8	0.0	3275.1	0	5374.7	2.0
3/26/2011	5952.8	0.0	3275.1	0	5375.5	0.8
3/27/2011	5952.8	0.0	3275.1	0	5376.3	0.8
3/28/2011	5952.8	0.0	3275.1	0	5377.1	0.8
3/29/2011	5952.8	0.0	3275.1	0	5377.9	0.8
3/30/2011	5952.8	0.0	3275.1	0	5378.7	0.8
3/31/2011	5952.8	0.0	3275.1	0	5379.5	0.8

## H136 Lift Station #2

Date	LP #1 ETM	LP #1 Hours	LP #2 ETM	LP #2 Hours
3/1/2011	11604.2	0.0	9131.9	5.3
3/2/2011	11604.2	0.0	9137.2	5.3
3/3/2011	11604.2	0.0	9139.1	1.9
3/4/2011	11604.2	0.0	9141.0	1.9
3/5/2011	11604.2	0.0	9142.9	1.9
3/6/2011	11604.2	0.0	9144.9	2.0
3/7/2011	11604.2	0.0	9146.9	2.0
3/8/2011	11604.2	0.0	9148.9	2.0
3/9/2011	11604.2	0.0	9150.9	2.0
3/10/2011	11604.2	0.0	9152.9	2.0
3/11/2011	11604.2	0.0	9154.9	2.0
3/12/2011	11604.2	0.0	9156.8	1.9
3/13/2011	11604.2	0.0	9158.7	1.9
3/14/2011	11604.2	0.0	9160.6	1.9
3/15/2011	11604.2	0.0	9162.5	1.9
3/16/2011	11604.2	0.0	9164.4	1.9
3/17/2011	11604.2	0.0	9166.4	2.0
3/18/2011	11604.2	0.0	9167.6	1.2
3/19/2011	11604.2	0.0	9168.9	1.3
3/20/2011	11604.2	0.0	9170.2	1.3
3/21/2011	11604.2	0.0	9171.5	1.3
3/22/2011	11604.2	0.0	9172.8	1.3
3/23/2011	11604.2	0.0	9175.7	2.9
3/24/2011	11604.2	0.0	9178.6	2.9
3/25/2011	11604.2	0.0	9181.6	3.0
3/26/2011	11604.2	0.0	9182.6	1.0
3/27/2011	11604.2	0.0	9183.7	1.1
3/28/2011	11604.2	0.0	9184.8	1.1
3/29/2011	11604.2	0.0	9185.9	1.1
3/30/2011	11604.2	0.0	9187.0	1.1
3/31/2011	11604.2	0.0	9188.1	1.1

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

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

FACILITY LOCATION  
 JACKRABBIT RD PUD WWTP  
 HOUSTON TX 77084  
 ATTN: ROSS BELL, SECRETARY/TRES

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

DISCHARGE MONITORING REPORT  
 TX0046621  
 PERMIT NO. 001 A  
 DISCHARGE NO.

MONITORING PERIOD  
 FROM 11/03/01 TO 11/03/31

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			
OXYGEN, DISSOLVED (DO)	*****	*****	*****	7.0	*****		0	5/Week	grab
EFFLUENT GROSS VALUE	*****	*****	*****	6.0	*****	*****		WEEKLY	GRAB
PH	*****	*****	*****	7.1	*****	7.5	0	5/Week	grab
EFFLUENT GROSS VALUE	*****	*****	*****	6.0	*****	MAXIMUM		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED	76.7	*****	(26)	*****	4.9	13	0	5/Week	comp
EFFLUENT GROSS VALUE	638	*****	LBS/DY	*****	15	46		WEEKLY	COMP
NITROGEN, AMMONIA TOTAL (AS N)	3.07	*****	(26)	*****	0.19	0.73	0	5/Week	comp
EFFLUENT GROSS VALUE	85	*****	LBS/DY	*****	2	16		WEEKLY	COMP
FLOW, IN CONDUIT OR THRU TREATMENT PLAN	*****	3472	(78)	*****	*****	*****	0	Cont	totalz
SEE COMMENTS BELOW	*****	12200	GPM	*****	*****	*****		CONT	TOTALZ
FLOW, IN CONDUIT OR THRU TREATMENT PLAN	2.077	*****	(03)	*****	*****	*****	0	Cont	totalz
ANNUAL AVERAGE	5.10	*****	MGD	*****	*****	*****		CONT	TOTALZ
FLOW, IN CONDUIT OR THRU TREATMENT PLAN	1.896	2.339	(03)	*****	*****	*****	0	Cont	totalz
EFFLUENT GROSS VALUE	REPORT DAILY AV	REPORT DAILY MAX	MGD	*****	*****	*****		CONT	TOTALZ

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

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
 2815784200

DATE

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

PERMITTEE NAME/ADDRESS (include Fac Name/Location if Different)

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

FACILITY  
 LOCATION

JACKRABBIT RD PUD WWTP  
 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 11 03 01 TO 11 03 31

\*\*\* 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	*****	*****	*****	*****	*****	0.08	(19)	Daily	grab
50060 A 0 0 DISINFECT, PRCS CMLPT	*****	*****	*****	*****	*****	0.099 INST MAX	MG/L	DAILY	GRAB
CHLORINE, TOTAL RESIDUAL	*****	*****	*****	1.4	*****	*****	(19)	Daily	grab
50060 B 0 0 PRIOR TO DISINFECT	*****	*****	*****	1.0 MO MIN	*****	*****	MG/L	DAILY	GRAB
E. COLI GENERAL	*****	*****	(13)	*****	1.32	2.0	(3Z)	Weekly	GRAB
51040 1 0 0 EFFLUENT GROSS VALUE	*****	*****	100ML	*****	REPORT DA GEOAV	REPORT DA MAX	CFU/100ML	1/WK	GRAB
BOD, CARBONACEOUS 05 DAY, 20C	63.12	*****	(26)	*****	3.9	11	(19)	5/Week	comp
80082 1 0 0 EFFLUENT GROSS VALUE	47.5	*****	LBS/DY	*****	10	25	MG/L	WEEKLY	COMP
	30DA AVG	*****		*****	30DA AVG	DA MAX			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER ROSS BELL SECY/TRES	TELEPHONE 2815784200	DATE
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	

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