

### Carbon Scrubber Hydrogen Sulfide Removal Performance – 3Q FY05/06

Location	Capacity	Model	System	Date	Inlet H2S (ppm)	Outlet H2S (ppm)
<b>LA CIENEGA-JEFFERSON</b> AQMD Allowable Limit: 1.0 ppm	10,000 cfm	US Filter	ECIS	3/28/2006	2.80	0.021
				3/20/2006	3.10	0.038
				3/9/2006	6.10	0.047
				2/28/2006	1.40	0.011
				2/21/2006	6.60	0.029
				2/14/2006	7.80	0.022
				2/7/2006	11.80	0.013
				1/31/2006	4.50	0.014
				1/23/2006	9.70	0.130
				1/18/2006	18.00	0.120
				1/10/2006	11.60	0.190
				1/3/2006	2.00	0.026

**Location****Capacity****Model****System****Date****Inlet  
H2S (ppm)****Outlet  
H2S (ppm)****MISSION - JESSE ATF**

10,000 cfm

US Filter

ECIS

AQMD Allowable Limit: 1.0 ppm

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
3/28/2006	Unit Off	Unit Off
3/20/2006	Unit Off	Unit Off
3/14/2005	Unit Off	Unit Off
3/6/2006	Unit Off	Unit Off
2/28/2006	Unit Off	Unit Off
2/21/2006	Unit Off	Unit Off
2/13/2006	Unit Off	Unit Off
2/7/2006	Unit Off	Unit Off
1/30/2006	Unit Off	Unit Off
1/23/2006	Unit Off	Unit Off
1/18/2006	Unit Off	Unit Off
1/11/2006	Unit Off	Unit Off
1/3/2006	Unit Off	Unit Off

**Location****Capacity****Model****System****Date****Inlet  
H2S (ppm)****Outlet  
H2S (ppm)****North Outfall Treatment  
Facility ATF**

10,000 cfm

US Filter

WLAIS

AQMD Allowable Limit: 1.0 ppm

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
3/28/2006	14.00	0.022
3/20/2006	9.80	0.018
3/13/2006	12.00	0.011
3/6/2006	3.80	0.007
2/28/2006	1.30	0.004
2/21/2006	4.50	0.016
2/14/2006	4.80	0.013
2/8/2006	2.90	0.004
1/31/2006	8.10	0.009
1/23/2006	6.60	0.004
1/17/2006	4.90	0.003
1/10/2006	5.00	0.004
1/3/2006	2.80	0.061

**Location****RADFORD - WOODBRIDGE  
ATF**

AQMD Allowable Limit: 1.0 ppm

**Capacity**

5,000 cfm

**Model**

Barneby

**System**

NOS

**Date****Inlet  
H2S (ppm)****Outlet  
H2S (ppm)**

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
3/28/2006	6.40	0.009
3/22/2006	3.40	0.022
3/15/2006	3.20	0.028
3/9/2006	2.90	0.018
2/27/2006	1.20	0.047
2/21/2006	1.89	0.004
2/14/2006	3.80	0.009
2/8/2006	4.10	0.021
1/31/2006	3.20	0.024
1/17/2006	4.00	0.008
1/11/2006	4.60	0.011
1/4/2006	6.30	0.010

**Location****Capacity****Model****System****Date****Inlet  
H2S (ppm)****Outlet  
H2S (ppm)****RODEO - MLK ATF**

5,000 cfm

Barneby

Maze

AQMD Allowable Limit: 0.6 ppm

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
3/28/2006	5.1	0.090
3/20/2006	4.9	0.090
3/9/2006	4.8	0.091
2/28/2006	1.1	0.040
2/21/2006	9.8	0.060
2/16/2006	4.5	0.051
2/8/2006	3.2	0.022
1/31/2006	11.5	0.016
1/24/2006	2.8	0.330
1/19/2006	8.2	0.038
1/11/2006	11.0	0.036
1/3/2006	2.4	0.013

**Location****TRAFFIC ISLAND (Rodeo and Jefferson) ATF**

AQMD Allowable Limit: 1.0 ppm

**Capacity**

10,000 cfm

**Model**

US Filter

**System**

NCOS

**Date****Inlet  
H2S (ppm)****Outlet  
H2S (ppm)**

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
3/28/2006	2.90	0.024
3/20/2006	3.70	0.020
3/14/2006	2.30	0.017
3/6/2006	5.20	0.029
2/28/2006	1.20	0.007
2/21/2006	4.10	0.031
2/14/2006	3.50	0.028
2/7/2006	5.00	0.014
1/31/2006	4.10	0.011
1/23/2006	2.90	0.016
1/17/2006	3.80	0.017
1/10/2006	3.90	0.033
1/3/2006	2.60	0.009

Location	Capacity	Model	System	Date	Inlet H2S (ppm)	Outlet H2S (ppm)
<b>23RD AND SAN PEDRO ATF</b> AQMD Allowable Limit: 1.0 ppm	10,000 cfm	US Filter	ECIS	3/28/2006	39.00	0.090
				3/20/2006	36.00	0.080
				3/13/2006	50+	0.190
				3/6/2006	37.00	0.020
				2/28/2006	4.20	0.003
				2/21/2006	22.00	0.011
				2/21/2006	4.40	0.007
				2/20/2006	22.00	0.009
				2/20/2006	7.70	0.044
				2/19/2006	21.00	0.005
				2/19/2006	29.00	0.004
				2/18/2006	23.00	0.240
				2/18/2006	38.00	0.002
				2/17/2006	42.00	0.005
				2/17/2006	16.00	0.013
				2/16/2006	49.00	0.012
				2/16/2006	18.00	0.008
				2/15/2006	42.00	0.004
				2/15/2006	36.00	0.004
				2/13/2006	34.00	0.032
				2/8/2006	21.00	0.011
				1/31/2006	24.00	0.001
				1/23/2006	Unit Off	Unit Off
				1/18/2006	Unit Off	Unit Off
				1/11/2006	Unit Off	Unit Off
				1/3/2006	Unit Off	Unit Off

**Location****BALLONA CREEK ATF**

AQMD Allowable: 0.14 ppm

**Capacity**

5000 cfm

**Model**

Cameron

**System**

Marina

**Date****Inlet  
H2S (ppm)****Outlet  
H2S (ppm)**

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
3/28/2006	0.70	0.007
3/20/2006	0.69	0.008
3/14/2006	0.87	0.002
3/6/2006	0.80	0.007
2/28/2006	0.41	0.009
2/21/2006	0.33	0.003
2/19/2006	0.36	0.005
2/19/2006	0.26	0.004
2/18/2006	0.31	0.005
2/18/2006	0.28	0.042
2/17/2006	1.01	0.004
2/17/2006	0.59	0.030
2/16/2006	0.83	0.008
2/16/2006	1.10	0.018
2/15/2006	0.82	0.004
2/15/2006	1.10	0.005
2/14/2006	1.40	0.010
2/14/2006	0.68	0.004
2/13/2006	1.50	0.018
2/13/2006	1.80	0.014
2/7/2006	1.60	0.080
1/31/2006	2.30	0.080
1/23/2006	1.60	0.077
1/17/2006	2.00	0.084
1/10/2006	2.50	0.032
1/3/2006	1.12	0.061

**Location****Capacity****Model****System****Date****Inlet  
H2S (ppm)****Outlet  
H2S (ppm)****Genesee ATF**

AQMD Allowable: 1.0 ppm

5000 cfm

Barneby

LCSFVRS

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
3/28/2006	0.44	0.090
3/20/2006	0.39	0.070
3/9/2006	0.60	0.081
2/28/2006	0.28	0.045
2/21/2006	0.33	0.040
2/16/2006	0.43	0.026
2/7/2006	0.98	0.017
1/31/2006	1.20	0.015
1/24/2006	1.60	0.016
1/18/2006	1.20	0.012
1/11/2006	1.40	0.010
1/3/2006	0.92	0.023