

Carbon Scrubber Hydrogen Sulfide Removal Performance – 2Q FY06/07

Location	Capacity	Model	System	Date	Inlet H2S (ppm)	Outlet H2S (ppm)
LA CIENEGA-JEFFERSON AQMD Allowable Limit: 1.0 ppm	10,000 cfm	US Filter	ECIS	12/26/2006	7.80	0.011
				12/18/2006	3.00	0.009
				12/11/2006	19.00	0.010
				12/4/2006	28.00	0.023
				11/27/2006	50+	0.021
				11/20/2006	18.00	0.077
				11/14/2006	10.10	0.063
				11/6/2006	24.00	0.035
				11/3/2006	24.00	0.035
				10/26/2006	5.80	0.018
				10/17/2006	16.00	0.048
				10/11/2006	24.00	0.049
				10/3/2006	12.60	0.007

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)
12/26/2006	3.70	0.002
12/18/2006	1.20	0.002
12/11/2006	0.84	0.002
11/27/2006	0.60	0.003
11/20/2006	6.10	0.004
11/13/2006	5.80	0.005
11/9/2006	5.90	0.018
10/31/2006	8.70	0.016
10/24/2006	3.30	0.004
10/16/2006	4.80	0.005
10/11/2006	1.42	0.003
10/3/2006	0.99	0.002

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)
12/26/2006	10.40	0.006
12/18/2006	11.00	0.013
12/11/2006	13.60	0.014
12/4/2006	17.00	0.011
11/27/2006	36.00	0.019
11/20/2006	12.00	0.008
11/14/2006	6.60	0.007
11/6/2006	8.40	0.052
11/1/2006	14.00	0.021
10/24/2006	13.30	0.016
10/17/2006	14.00	0.011
10/13/2006	4.60	0.002
10/3/2006	12.50	0.004

Location**Capacity****Model****System****Date****Inlet
H2S (ppm)****Outlet
H2S (ppm)****RADFORD - WOODBRIDGE****ATF**

5,000 cfm

Barneby

NOS

AQMD Allowable Limit: 1.0 ppm

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
12/26/2006	0.16	0.002
12/19/2006	0.31	0.011
12/12/2006	0.19	0.010
12/6/2006	0.22	0.008
11/28/2006	0.27	0.008
11/21/2006	0.21	0.008
11/14/2006	0.23	0.002
11/9/2006	0.28	0.006
11/2/2006	0.95	0.008
10/25/2006	1.80	0.008
10/16/2006	1.60	0.007
10/12/2006	1.90	0.008
10/2/2006	1.80	0.009

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)
12/26/2006	10.6	0.030
12/18/2006	2.9	0.030
12/11/2006	8.1	0.040
12/4/2006	19.0	0.040
11/27/2006	50+	0.015
11/20/2006	1.9	0.007
11/14/2006	2.3	0.007
11/6/2006	2.5	0.009
11/1/2006	4.2	0.008
10/24/2006	2.7	0.007
10/17/2006	3.5	0.044
10/11/2006	5.0	0.035
10/3/2006	0.083	0.015

Location**Capacity****Model****System****Date****Inlet
H2S (ppm)****Outlet
H2S (ppm)****TRAFFIC ISLAND (Rodeo and
Jefferson) ATF**

10,000 cfm

US Filter

NCOS

AQMD Allowable Limit: 1.0 ppm

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
12/26/2006	5.10	0.009
12/18/2006	3.00	0.007
12/11/2006	7.00	0.006
12/4/2006	4.90	0.008
11/27/2006	50+	0.015
11/20/2006	3.80	0.009
11/14/2006	3.30	0.007
11/6/2006	4.90	0.006
11/1/2006	6.30	0.002
10/24/2006	5.10	0.005
10/17/2006	4.60	0.014
10/13/2006	4.10	0.018
10/3/2006	2.10	0.027

Location**Capacity****Model****System****Date****Inlet
H2S (ppm)****Outlet
H2S (ppm)****23RD AND SAN PEDRO ATF**

10,000 cfm

US Filter

ECIS

AQMD Allowable Limit: 1.0 ppm

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
12/26/2006	50+	0.006
12/18/2006	50+	0.004
12/11/2006	50+	0.009
12/4/2006	50+	0.011
11/27/2006	50+	0.002
11/20/2006	50+	0.004
11/13/2006	50+	0.005
11/9/2006	50+	0.005
10/31/2006	50+	0.006
10/24/2006	50+	0.016
10/16/2006	HL	0.004
10/11/2006	HL	0.004
10/3/2006	HL	0.002

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)
12/26/2006	1.80	0.013
12/18/2006	1.10	0.014
12/11/2006	1.20	0.016
12/4/2006	3.70	0.032
11/27/2006	1.40	0.016
11/20/2006	1.70	0.012
11/14/2006	0.65	0.012
11/6/2006	0.67	0.004
11/1/2006	1.80	0.059
10/26/2006	1.40	0.013
10/17/2006	1.01	0.015
10/13/2006	0.87	0.006
10/3/2006	1.10	0.026

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)
12/26/06	1.10	0.002
12/18/06	0.26	0.008
12/11/06	0.17	0.009
12/04/06	0.34	0.009
11/27/06	50.00	0.380
11/20/06	0.52	0.012
11/14/06	0.41	0.012
11/06/06	0.62	0.018
11/03/06	0.79	0.009
10/26/06	4.20	0.006
10/03/06	0.42	0.047