

Carbon Scrubber Hydrogen Sulfide Removal Performance – 2Q FY05/06

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	12/27/2005	4.40	0.021
				12/20/2005	9.00	0.064
				12/12/2005	12.00	0.200
				12/6/2005	3.10	0.180
				11/29/2005	2.40	0.200
				11/22/2005	10.30	0.110
				11/14/2005	16.00	0.220
				11/7/2005	13.00	0.170
				10/31/2005	8.30	0.160
				10/24/2005	12.00	0.150
				10/20/2005	9.20	0.130
				10/11/2005	17.00	0.100
				10/3/2005	21.00	0.320

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)
12/27/2005		
12/21/2005		
12/12/2005	12.50	0.290
12/5/2005	10.00	0.140
11/30/2005	12.50	0.150
11/21/2005	13.00	0.031
11/15/2005	15.00	0.180
11/8/2005	7.00	0.042
10/31/2005	6.90	0.110
10/24/2005	8.40	0.019
10/21/2005	9.00	0.017
10/13/2005	16.00	0.170
10/4/2005	19.00	0.190

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)
12/27/2005	4.90	0.037
12/19/2005	6.20	0.014
12/12/2005	8.30	0.310
12/6/2005	6.50	0.006
12/5/2005		
11/28/2005	10.40	0.480
11/22/2005	10.30	0.013
11/14/2005	3.70	0.009
11/7/2005	5.50	0.120
11/1/2005	3.90	0.160
10/24/2005	4.60	0.180
10/19/2005	2.20	0.140
10/11/2005	3.10	0.009
10/3/2005	8.70	0.004

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)
12/27/2005	3.60	0.009
12/21/2005	4.30	0.017
12/13/2005	5.20	0.018
12/6/2005	10.30	0.018
12/1/2005	3.80	0.013
11/21/2005	3.10	0.006
11/15/2005	2.20	0.016
11/10/2005	3.40	0.081
11/1/2005	3.70	0.052
10/25/2005	4.70	0.060
10/21/2005	3.20	0.062
10/12/2005	2.80	0.041
10/5/2005	6.30	0.030

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)
12/27/2005	4.2	0.009
12/20/2005	3.3	0.023
12/12/2005	10.6	0.019
12/6/2005	4.9	0.016
11/29/2005	3.4	0.013
11/23/2005	8.9	0.300
11/14/2005	13.2	0.290
11/7/2005	11.0	0.180
10/31/2005	6.4	0.160
10/24/2005	8.1	0.042
10/17/2005	11.0	0.040
10/13/2005	19.0	0.034
10/4/2005	10.6	0.180

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)
12/27/2005	4.60	0.019
12/20/2005	2.40	0.006
12/12/2005	4.90	0.018
12/5/2005	4.20	0.012
11/29/2005	3.60	0.018
11/22/2005	6.60	0.027
11/14/2005	7.20	0.021
11/7/2005	3.00	0.011
11/1/2005	2.90	0.080
10/25/2005	1.80	0.090
10/20/2005	2.30	0.110
10/11/2004	5.90	0.015
10/4/2005	3.80	0.024

Location	Capacity	Model	System	Date	Inlet H2S (ppm)	Outlet H2S (ppm)
23RD AND SAN PEDRO ATF AQMD Allowable Limit: 1.0 ppm	10,000 cfm	US Filter	ECIS	12/27/2005		
				12/20/2005		
				12/12/2005		
				12/5/2005		
				11/30/2005		
				11/21/2005		
				11/15/2005		
				11/8/2005		
				10/31/2005		
				10/24/2005		
				10/19/2005		
				10/13/2005		
				10/4/2005		

This scrubber is not in operation at this time.

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)
12/27/2005	0.88	0.043
12/19/2005	0.71	0.029
12/12/2005	1.60	0.066
12/6/2005	1.10	0.073
11/28/2005	1.70	0.068
11/22/2005	1.40	0.077
11/14/2005	1.60	0.056
11/7/2005	1.70	0.024
11/1/2005	1.40	0.020
10/24/2005	1.80	0.012
10/19/2005	1.10	0.012
10/11/2005	2.20	0.011
10/3/2005	1.60	0.059

Location**Genesee ATF**

AQMD Allowable: 1.0 ppm

Capacity

5000 cfm

Model

Barneby

System

LCSFVRS

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

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
12/27/2005	0.70	0.031
12/20/2005	1.12	0.018
12/12/2005	0.82	0.017
12/6/2005	0.47	0.016
11/29/2005	0.72	0.016
11/22/2005	0.86	0.013
11/14/2005	1.60	0.036
11/8/2005	1.80	0.029
10/31/2005	1.40	0.026
10/25/2005	3.00	0.031
10/17/2005	1.12	0.028
10/13/2005	0.41	0.021
10/4/2005	0.58	0.027