

Carbon Scrubber Hydrogen Sulfide Removal Performance – 4Q FY04/05

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	6/27/2005	5.80	0.009
				6/22/2005	10.90	0.036
				6/13/2005	2.00	0.035
				6/8/2005	2.90	0.039
				6/2/2005	9.80	0.150
				5/24/2005	4.40	0.014
				5/16/2005	5.80	0.100
				5/12/2005	8.90	0.110
				5/4/2005	5.20	0.026
				4/25/2005	1.10	0.004
				4/21/2005	3.20	0.008
				4/11/2005	6.40	0.130
				4/5/2005	1.30	0.013

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)
6/27/2005	2.10	0.031
6/20/2005	1.60	0.007
6/14/2005	11.00	0.015
6/6/2005	1.60	0.004
6/2/2005	1.30	0.004
5/24/2005	29.00	0.120
5/18/2005	4.10	0.240
5/9/2005	14.00	0.150
5/5/2005	7.20	0.020
4/25/2005	1.70	0.010
4/19/2005	1.80	0.015
4/11/2005	2.70	0.010
4/4/2005	2.70	0.014

Location**North Outfall Treatment
Facility ATF**

AQMD Allowable Limit: 1.0 ppm

Capacity

10,000 cfm

Model

US Filter

System

WLAIS

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

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
6/27/2005	2.20	0.024
6/22/2005	3.60	0.012
6/13/2005	1.20	0.009
6/8/2005	1.80	0.005
6/2/2005	1.30	0.003
5/24/2005	9.30	0.008
5/16/2005	2.40	0.002
5/12/2005	1.10	0.052
5/2/2005	2.10	0.030
4/25/2005	2.60	0.027
4/19/2005	1.30	0.020
4/11/2005	2.50	0.025
4/5/2005	2.10	0.007

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)
6/28/2005	11.20	0.013
6/21/2005	15.00	0.190
6/14/2005	10.50	0.033
6/7/2005	10.70	0.021
5/31/2005	2.40	0.013
5/23/2005	6.40	0.150
5/17/2005	1.30	0.009
5/13/2005	0.98	0.016
5/3/2005	2.60	0.011
4/25/2005	6.10	0.013
4/22/2005	1.40	0.004
4/12/2005	1.90	0.002
4/4/2005	1.21	0.028
4/1/2005	1.10	0.003

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)
6/27/2005	13.0	0.150
6/22/2005	11.2	0.140
6/13/2005	5.2	0.110
6/8/2005	6.6	0.130
5/31/2005	11.0	0.150
5/24/2005	9.6	0.110
5/16/2005	6.4	0.120
5/12/2005	8.8	0.009
5/4/2005	6.9	0.110
4/25/2005	2.6	0.130
4/21/2005	2.8	0.040
4/11/2005	5.4	0.044
4/7/2005	2.1	0.510

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)
6/27/2005	8.30	0.120
6/22/2005	4.60	0.110
6/13/2005	2.80	0.006
6/8/2005	6.40	0.070
6/2/2005	8.80	0.110
5/24/2005	1.30	0.006
5/16/2005	1.50	0.008
5/12/2005	1.70	0.009
5/4/2005	4.90	0.003
4/25/2005	1.70	0.008
4/19/2005	2.50	0.019
4/11/2005	2.40	0.004
4/5/2005	2.90	0.014

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)
6/27/2005	11.00	0.150
6/20/2005	12.10	0.007
6/14/2005	25.00	0.042
6/7/2005	16.00	0.024
6/2/2005	12.00	0.170
5/24/2005	38.00	0.170
5/18/2005	27.00	0.160
5/9/2005	20.00	0.160
5/4/2005	12.00	0.051
4/25/2005	7.40	0.120
4/18/2005	2.10	0.090
4/11/2005	8.70	0.110
4/4/2005	16.10	0.140

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)
6/27/2005	2.10	0.098
6/22/2005	1.10	0.099
6/13/2005	2.60	0.091
6/8/2005	3.10	0.097
6/2/2005	2.40	0.090
5/24/2005	6.10	0.095
5/16/2005	1.20	0.077
5/9/2005	0.85	0.061
5/5/2005	1.20	0.081
4/25/2005	1.20	0.075
4/20/2005	0.94	0.083
4/11/2005	1.10	0.064
4/5/2005	1.02	0.060

Location**Genesee ATF**

AQMD Allowable: 1.0 ppm

Capacity

5000 cfm

Model

Barneby

System

LCSFVRS

Date

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
6/27/2005	1.00	0.137
6/22/2005	1.20	0.170
6/13/2005	0.89	0.030
6/8/2005	0.51	0.030
6/2/2005	1.10	0.048
5/24/2005	1.50	0.030
5/16/2005	0.28	0.130
5/12/2005	0.42	0.130
5/4/2005	1.20	0.064
4/25/2005	2.40	0.580
4/19/2005	1.10	0.090
4/11/2005	0.78	0.100
4/7/2005	0.86	0.113

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