

Carbon Scrubber Hydrogen Sulfide Removal Performance – 1Q FY05/06

Location	Capacity	Model	System	Date	Inlet H2S (ppm)	Outlet H2S (ppm)
LA CIENEGA-JEFFERSON	10,000 cfm	US Filter	ECIS	9/26/2005	23.00	0.130
AQMD Allowable Limit: 1.0 ppm				9/21/2005	8.30	0.120
				9/13/2005	8.40	0.150
				9/9/2005	13.00	0.170
				8/29/2005	7.00	0.140
				8/23/2005	6.10	0.130
				8/18/2005	9.20	0.120
				8/8/2005	2.40	0.140
				8/4/2005	10.10	0.180
				7/25/2005	4.10	0.130
				7/20/2005	3.50	0.110
				7/11/2005	6.60	0.066
				7/5/2005	4.10	0.011

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)
9/27/2005	13.00	0.033
9/21/2005	8.20	0.027
9/15/2005	26.00	0.110
9/9/2005	11.00	0.130
8/29/2005	14.00	0.160
8/22/2005	12.00	0.170
8/16/2005	15.00	0.140
8/8/2005	21.00	0.170
8/5/2005	11.00	0.190
7/26/2005	10.10	0.090
7/20/2005	11.00	0.110
7/12/2005	9.40	0.017
7/5/2005	12.00	0.005

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)
9/26/2005	11.00	0.460
9/21/2005	4.80	0.088
9/13/2005	11.00	0.011
9/6/2005	6.20	0.120
8/29/2005	3.80	0.110
8/23/2005	3.10	0.100
8/17/2005	2.20	0.039
8/8/2005	4.40	0.110
8/1/2005	2.30	0.046
7/25/2005	7.00	0.017
7/19/2005	6.40	0.120
7/11/2005	3.10	0.026
7/6/2005	4.00	0.022

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)
9/26/2005	4.70	0.040
9/19/2005	24.00	0.021
9/14/2005	14.00	0.100
9/7/2005	20.00	0.015
8/29/2005	17.00	0.110
8/23/2005	24.00	0.011
8/15/2005	5.10	0.008
8/10/2005	6.40	0.009
8/3/2005	4.10	0.005
7/26/2005	36.00	0.003
7/19/2005	7.10	0.014
7/11/2005	9.20	0.016
7/8/2005	6.30	0.012

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)
9/27/2005	5.1	0.190
9/21/2005	7.8	0.170
9/13/2005	14.0	0.160
9/7/2005	28.0	0.180
8/29/2005	13.0	0.220
8/22/2005	14.0	0.200
8/15/2005	16.0	0.160
8/8/2005	20.0	0.180
8/5/2005	17.0	0.110
7/25/2005	11.0	0.110
7/18/2005	13.0	0.110
7/11/2005	18.0	0.060
7/5/2005	20.0	0.040

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)
9/27/2005	4.80	0.038
9/20/2005	6.30	0.013
9/13/2005	8.10	0.013
9/6/2005	10.00	0.120
8/29/2005	4.60	0.140
8/23/2005	3.30	0.140
8/15/2005	4.20	0.120
8/8/2005	7.30	0.140
8/4/2005	4.40	0.120
7/25/2005	5.50	0.120
7/20/2005	6.20	0.110
7/11/2005	7.40	0.140
7/5/2005	8.80	0.140

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	9/13/2005	50+ HL	0.120
				9/6/2005	50+ HL	0.130
				8/29/2005	50+ HL	0.130
				8/22/2005	13.00	0.200
				8/16/2005	15.00	0.240
				8/8/2005	27.00	0.230
				8/5/2005	13.00	0.180
				7/26/2005	28.00	0.140
				7/20/2005	30.00	0.150
				7/12/2005	46.00	0.110
				7/5/2005	38.00	0.037

Please Note: This scrubber has been shut down since mid-September. The City is addressing the operational issues.

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)
9/26/2005	2.70	0.054
9/22/2005	1.80	0.008
9/13/2005	2.10	0.140
9/6/2005	1.30	0.120
8/29/2005	1.10	0.120
8/23/2005	1.60	0.140
8/15/2005	1.90	0.120
8/8/2005	2.40	0.120
8/1/2005	1.80	0.120
7/25/2005	0.98	0.120
7/18/2005	1.70	0.042
7/11/2005	1.80	0.110
7/6/2005	2.00	0.100

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)
9/27/2005	0.84	0.014
9/20/2005	1.30	0.051
9/13/2005	0.88	0.083
9/9/2005	1.10	0.140
8/29/2005	0.73	0.110
8/23/2005	1.70	0.130
8/18/2005	0.78	0.240
8/8/2005	1.80	0.110
8/4/2005	1.10	0.140
7/25/2005	1.27	0.140
7/20/2005	0.98	0.053
7/11/2005	1.10	0.070
7/5/2005	0.79	0.019