

Carbon Scrubber Operations - Performance 3QFY 04/05

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	3/30/2005	1.70	0.016
				3/23/2005	1.20	0.010
				3/15/2005	1.50	0.003
				3/8/2005	1.10	0.013
				3/2/2005	1.10	0.210
				2/22/2005	1.00	0.004
				2/15/2005	2.80	0.009
				2/8/2005	3.30	0.002
				2/1/2005	1.20	0.009
				1/26/2005	1.10	0.009
				1/18/2005	1.06	0.017
				1/12/2005	1.26	0.030
				1/6/2005	1.30	0.029

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)
3/30/2005	2.90	0.013
3/22/2005	2.60	0.012
3/17/2005	4.10	0.140
3/8/2005	1.10	0.150
3/4/2005	1.50	0.170
2/22/2005	0.26	0.032
2/16/2005	8.70	0.011
2/7/2005	1.14	0.007
2/4/2005	1.60	0.007
1/25/2005	1.50	0.140
1/21/2005	10.80	0.140
1/12/2005	0.26	0.032
1/5/2005	1.40	0.030

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

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3/30/2005	2.90	0.013
3/22/2005	2.60	0.012
3/17/2005	4.10	0.140
3/8/2005	1.10	0.150
3/4/2005	1.50	0.170
2/22/2005	0.26	0.032
2/16/2005	8.70	0.011
2/7/2005	1.14	0.007
2/4/2005	1.60	0.007
1/25/2005	1.50	0.140
1/21/2005	10.80	0.140
1/12/2005	0.26	0.032
1/5/2005	1.40	0.030

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

3/29/2005	2.90	0.003
3/21/2005	2.50	0.120
3/14/2005	1.30	0.110
3/7/2005	1.60	0.120
3/1/2005	1.20	0.035
2/22/2005	1.10	0.004
2/15/2005	3.20	0.004
2/8/2005	3.70	0.002
2/1/2005	2.20	0.007
1/25/2005	1.30	0.009
1/18/2005	3.100	0.010
1/12/2005	1.800	0.006
1/6/2005	4.600	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)
3/25/2005	2.40	0.003
3/17/2005	1.80	0.140
3/8/2005	1.15	0.130
3/3/2005	1.30	0.200
2/25/2005	1.80	0.160
2/15/2005	3.10	0.017
2/7/2005	3.20	0.019
2/2/2005	2.00	0.003
1/26/2005	1.10	0.004
1/19/2005	1.20	0.002
1/14/2005	0.56	0.005
1/6/2005	4.00	0.011

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)
3/30/2005	11.0	0.180
3/23/2005	5.3	0.140
3/14/2005	2.8	0.041
3/8/2005	1.1	0.020
2/28/2005	1.7	0.031
2/22/2005	1.3	0.014
2/16/2005	10.1	0.023
2/8/2005	4.1	0.021
2/1/2005	5.8	0.074
1/25/2005	6.2	0.060
1/18/2005	7.6	0.290
1/12/2005	1.2	0.026
1/4/2005	3.0	0.011

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

3/29/2005	1.90	0.015
3/15/2005	1.80	0.009
3/8/2005	2.30	0.018
3/1/2005	2.20	0.028
2/22/2005	0.70	0.011
2/15/2005	3.70	0.021
2/8/2005	3.90	0.018
2/1/2005	3.50	0.020
1/25/2005	3.60	0.028
1/18/2005	3.30	0.033
1/12/2005	3.90	0.026
1/4/2005	3.70	0.030

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

10,000 cfm US Filter ECIS

AQMD Allowable Limit: 1.0 ppm

3/30/2005	22.00	0.130
3/22/2005	37.00	0.130
3/15/2005	21.00	0.140
3/8/2005	2.400	0.031
3/3/2005	1.800	0.033
2/22/2005	2.800	0.004
2/16/2005	19.000	0.005
2/7/2005	15.000	0.022
2/4/2005	6.200	0.011
1/25/2005	8.100	0.004
1/21/2005	31.000	0.003
1/12/2005	1.400	0.015
1/5/2005	2.800	0.016

Location

Capacity

Model

System

Date

**Inlet
H2S
(ppm)**

**Outlet
H2S
(ppm)**

BALLONA CREEK ATF

5000 cfm

Cameron

Marina

AQMD Allowable: 0.14 ppm

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
3/29/2005	0.91	0.062
3/21/2005	0.67	0.058
3/14/2005	0.87	0.014
3/7/2005	0.80	0.012
2/28/2005	0.90	0.006
2/22/2005	1.60	0.007
2/14/2005	2.20	0.130
2/8/2005	1.90	0.110
1/31/2005	1.50	0.063
1/24/2005	1.60	0.061
1/18/2005	1.10	0.026
1/12/2005	1.30	0.063
1/4/2005	1.80	0.043