

Carbon Scrubber Hydrogen Sulfide Removal Performance – 1Q FY07/08

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	9/24/2007	23.00	0.023
				9/18/2007	6.20	0.012
				9/10/2007	9.20	0.012
				9/4/2007	19.00	0.011
				8/28/2007	8.40	0.010
				8/21/2007	9.00	0.010
				8/15/2007	14.00	0.011
				8/6/2007	17.00	0.010
				7/30/2007	8.20	0.008
				7/24/2007	9.80	0.009
				7/19/2007	5.20	0.012
				7/9/2007	4.10	0.009
				7/3/2007	3.80	0.010

Location**Capacity****Model****System****Date****Inlet
H2S (ppm)****Outlet
H2S (ppm)****MISSION - JESSE**

10,000 cfm

US Filter

ECIS

AQMD Allowable Limit: 1.0 ppm

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
09/24/07	6.10	0.001
09/18/07	5.10	0.009
09/11/07	4.20	0.012
09/04/07	6.60	0.004
08/28/07	7.10	0.007
08/21/07	5.80	0.004
08/14/07	4.20	0.009
08/07/07	3.40	0.011
07/30/07	6.20	0.008
07/24/07	11.00	0.006
07/17/07	5.40	0.009
07/09/07	4.10	0.006
07/02/07	16.00	0.007

Location**Capacity****Model****System****Date****Inlet
H2S (ppm)****Outlet
H2S (ppm)****North Outfall Treatment
Facility**

10,000 cfm

US Filter

WLAIS

AQMD Allowable Limit: 1.0 ppm

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
09/24/07	4.20	0.003
09/18/07	4.60	0.004
09/10/07	5.00	0.004
09/07/07	5.20	0.004
08/28/07	8.20	0.007
08/21/07	7.20	0.006
08/16/07	11.00	0.160
08/06/07	24.00	0.007
07/30/07	5.50	0.006
07/24/07	6.90	0.006
07/17/07	3.20	0.005
07/09/07	4.80	0.004
07/02/07	3.80	0.008

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

5,000 cfm

Barneby

NOS

AQMD Allowable Limit: 1.0 ppm

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
9/27/2007	27.00	0.006
9/18/2007	2.50	0.007
9/10/2007	7.20	0.008
9/5/2007	1.60	0.007
8/29/2007	1.80	0.006
8/22/2007	1.90	0.005
8/15/2007	2.20	0.006
8/6/2007	3.20	0.007
7/23/2007	0.73	0.007
7/18/2007	1.09	0.007
7/9/2007	1.14	0.008
7/3/2007	0.61	0.006

Location**Capacity****Model****System****Date****Inlet
H2S (ppm)****Outlet
H2S (ppm)****RODEO - MLK**

5,000 cfm

Barneby

Maze

AQMD Allowable Limit: 0.6 ppm

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
9/24/2007	2.3	0.037
9/18/2007	3.9	0.012
9/11/2007	6.3	0.012
9/4/2007	6.1	0.011
8/28/2007	9.1	0.012
8/21/2007	7.9	0.009
8/15/2007	13.0	0.009
8/6/2007	28.0	0.009
7/30/2007	8.9	0.006
7/24/2007	6.3	0.004
7/20/2007	3.1	0.003
7/9/2007	7.9	0.006
7/3/2007	2.9	0.009

Location**TRAFFIC ISLAND (Rodeo and Jefferson)**

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)
9/24/2007	12.00	0.027
9/18/2007	4.10	0.009
9/10/2007	4.70	0.008
9/4/2007	5.20	0.007
8/28/2007	4.60	0.008
8/21/2007	5.10	0.007
8/15/2007	5.20	0.005
8/6/2007	0.50	0.004
7/30/2007	10.40	0.005
7/24/2007	5.80	0.011
7/17/2007	4.90	0.012
7/9/2007	3.90	0.009
7/3/2007	4.20	0.009

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

10,000 cfm

US Filter

ECIS

AQMD Allowable Limit: 1.0 ppm

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
09/24/07	50+	0.017
09/18/07	34.00	0.003
09/11/07	28.00	0.004
09/04/07	38.00	0.004
08/28/07	26.00	0.003
08/21/07	20.00	0.001
08/14/07	24.00	0.004
08/09/07	29.00	0.004
07/30/07	50+	0.003
07/25/07	50+	0.003
07/17/07	36.00	0.004
07/09/07	19.00	0.003
07/02/07	11.00	0.004

Location**BALLONA CREEK**

AQMD Allowable: 0.14 ppm

Capacity

5,000 cfm

Model

Cameron

System

Marina

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

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
09/24/07	0.76	0.007
09/17/07	0.94	0.009
9/10/2007	0.81	0.009
9/6/2007	0.93	0.010
8/28/2007	0.82	0.010
8/21/2007	0.79	0.010
8/16/2007	0.73	0.029
8/6/2007	1.70	0.008
7/30/2007	0.88	0.007
7/24/2007	0.82	0.007
7/19/2007	1.08	0.006
7/9/2007	0.87	0.006
7/2/2007	0.91	0.007

Location**Genesee**

AQMD Allowable: 1.0 ppm

Capacity

5,000 cfm

Model

Barneby

System

LCSFVRS

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

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
09/24/07	0.36	0.009
09/20/07	0.82	0.006
09/10/07	0.94	0.009
09/04/07	1.20	0.008
08/28/07	0.98	0.007
08/21/07	0.88	0.006
08/15/07	0.76	0.007
08/06/07	0.31	0.006
07/30/07	1.10	0.007
07/24/07	0.94	0.006
07/18/07	1.10	0.007
07/09/07	0.86	0.007
07/03/07	0.94	0.008

Location**Capacity****Model****System****Date****Inlet
H2S (ppm)****Outlet
H2S (ppm)****Dacotah**

AQMD Allowable: 1.0 ppm

3,000 cfm

US Filter

Pump
Plant

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
9/24/2007	0.91	0.030
9/18/2007	1.70	0.007
9/11/2007	3.60	0.008
9/4/2007	3.40	0.005
8/28/2007	2.60	0.004
8/21/2007	2.40	0.003
8/14/2007	0.94	0.004
8/7/2007	1.30	0.004
7/30/2007	0.96	0.004
7/24/2007	0.86	0.004
7/17/2007	0.79	0.003
7/9/2007	0.94	0.004
7/2/2007	0.84	0.005

Location**Humboldt**

AQMD Allowable: 1.0 ppm

Capacity

10,000 cfm

Model

US Filter

System

NEIS

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

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
9/24/07	5.70	0.021
9/18/07	0.80	0.004
9/11/07	0.05	0.002
9/4/07	3.20	0.003
8/28/07	24.00	0.004
8/21/07	2.10	0.005
8/14/07	7.00	0.004
8/7/07	16.00	0.005
8/1/07	12.00	0.004
7/24/07	1.60	0.004
7/17/07	1.80	0.003
7/9/07	1.10	0.003
7/5/07	2.40	0.003

Location**Capacity****Model****System****Date****Inlet
H2S (ppm)****Outlet
H2S (ppm)****NORS**

AQMD Allowable: 1.0 ppm

10,000 cfm

US Filter

NORS/ECIS

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
9/24/07	6.20	0.011
9/18/07	5.70	0.008
9/10/07	5.90	0.009
9/7/07	6.80	0.009
8/28/07	6.90	0.011
8/21/07	8.10	0.011
8/16/07	9.70	0.040
8/6/07	11.00	0.009
7/30/07	6.20	0.010
7/24/07	8.10	0.008
7/17/07	9.20	0.007
7/9/07	3.80	0.007
7/3/07	4.00	0.006

Location**Richmond**

AQMD Allowable: 1.0 ppm

Capacity

10000 cfm

Model

US Filter

System

NEIS

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

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
9/24/07	4.600	0.033
9/18/07	2.300	0.003
9/11/07	4.600	0.003
9/4/07	22.000	0.007
8/28/07	14.000	0.005
8/21/07	3.000	0.004
8/14/07	4.800	0.009
8/7/07	4.100	0.014
8/1/07	4.500	0.013
7/25/07	13.000	0.012
7/17/07	6.600	0.005
7/9/07	4.200	0.004
7/5/07	8.600	0.004