

Carbon Scrubber Hydrogen Sulfide Removal Performance – 2Q 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	12/31/2007	7.40	0.009
				12/24/2007	3.60	0.023
				12/17/2007	8.90	0.016
				12/10/2007	9.10	0.019
				12/4/2007	11.00	0.019
				11/26/2007	9.00	0.020
				11/19/2007	3.90	0.006
				11/13/2007	1.20	0
				11/5/2007	17.00	0.028
				10/29/2007	4.00	0.001
				10/22/2007	3.20	0.001
				10/16/2007	5.10	0.009
				10/11/2007	11.10	0.009
				10/2/2007	5.70	0.011

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)
12/31/07	9.80	0.042
12/24/07	1.20	0.038
12/18/07	4.30	0.009
12/12/07	8.20	0.018
12/03/07	9.40	0.030
11/26/07	13.00	0.022
11/19/07	15.00	0.080
11/13/07	11.60	0.008
11/05/07	11.00	0.005
10/29/07	4.10	0.001
10/22/07	8.20	0.008
10/15/07	8.70	0.008
10/09/07	7.80	0.007
10/01/07	12.00	0.008

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)
12/31/07	6.40	0.032
12/24/07	6.00	0.012
12/17/07	6.10	0.011
12/10/07	5.80	0.052
12/03/07	8.70	0.012
11/26/07	11.80	0.019
11/19/07	6.10	0.004
11/13/07	8.30	0.009
11/05/07	14.00	0.024
10/29/07	7.30	0.001
10/22/07	0.80	0.001
10/16/07	5.30	0.005
10/11/07	5.90	0.005
10/01/07	6.30	0.006

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)
12/31/2007	0.88	0.006
12/24/2007	0.90	0.007
12/18/2007	1.26	0.005
12/9/2007	0.36	0.004
12/3/2007	1.40	0.005
11/28/2007	2.10	0.006
11/19/2007	1.60	0.000
11/13/2007	4.10	0.005
11/7/2007	2.30	0.008
10/30/2007	18.00	0.009
10/22/2007	11.00	0.007
10/18/2007	2.40	0.005
10/10/2007	1.20	0.007
10/2/2007	1.90	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)
12/31/2007	5.1	0.017
12/24/2007	3.1	0.014
12/17/2007	4.9	0.012
12/10/2007	4.2	0.046
12/3/2007	7.7	0.013
11/26/2007	2.7	0.034
11/19/2007	5.2	0.008
11/6/2007	3.6	0.001
10/29/2007	9.0	0.010
10/22/2007	4.7	0.005
10/16/2007	4.8	0.007
10/11/2007	5.9	0.006
10/2/2007	13.0	0.006

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)
12/31/2007	2.30	0.006
12/24/2007	2.30	0.024
12/17/2007	4.30	0.008
12/10/2007	1.50	0.004
12/3/2007	1.60	0.004
11/26/2007	2.00	0.005
11/19/2007	4.20	0.008
11/13/2007	3.20	0
11/5/2007	4.30	0.011
10/29/2007	4.20	0.001
10/22/2007	0.39	0.001
10/16/2007	3.70	0.007
10/11/2007	6.10	0.008
10/2/2007	6.20	0.010

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)
12/24/07	HL	0
12/17/07	HL	0.009
12/10/07	HL	0.010
12/03/07	HL	0.010
11/27/07	41.00	0.010
11/19/07	37.00	0.014
11/13/07	HL	0.020
11/05/07	HL	0.031
10/29/07	HL	0.012
10/23/07	HL	0.002
10/15/07	HL	0.013
10/09/07	24.00	0.005
10/03/07	29.00	0.005

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)
12/27/07	0.60	0.008
12/24/07	0.22	0.030
12/17/07	0.79	0.008
12/10/07	0.63	0.011
12/03/07	0.74	0.053
11/26/07	0.69	0.073
11/19/07	0.84	0.004
11/13/07	0.95	0.001
11/05/07	0.74	0.005
10/29/07	0.94	0.001
10/22/07	0.68	0.001
10/16/07	0.93	0.008
10/10/07	1.32	0.007
10/02/07	1.27	0.006

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)
12/31/07	0.31	0.006
12/24/07	0.80	0.007
12/17/07	0.89	0.012
12/10/07	0.44	0.083
12/03/07	0.30	0.039
11/26/07	0.54	0.015
11/19/07	0.62	0.004
11/13/07	0.14	0.000
11/05/07	0.43	0.120
10/29/07	0.27	0.006
10/22/07	0.13	0.006
10/16/07	0.89	0.006
10/10/07	0.93	0.008
10/02/07	0.72	0.009

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)
12/31/2007	0.49	0.003
12/24/2007	0.12	0.063
12/18/2007	0.82	0.008
12/10/2007	0.06	0.007
12/3/2007	0.79	0.007
11/27/2007	0.92	0.008
11/19/2007	1.30	0.011
11/13/2007	1.10	0.009
11/5/2007	0.36	0.007
10/29/2007	2.40	0.003
10/22/2007	1.20	0.012
10/15/2007	1.10	0.005
10/9/2007	1.10	0.009
10/1/2007	1.20	0.012

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)
12/31/07	18.00	0.040
12/24/07	0.12	0.023
12/17/07	16.00	0.017
12/10/07	14.00	0.029
12/3/07	5.60	0.008
11/27/07	7.40	0.009
11/19/07	7.30	0.031
11/13/07	7.40	0.007
11/5/07	30.00	0.042
10/29/07	1.20	0.001
10/22/07	3.20	0.006
10/15/07	3.10	0
10/10/07	32.00	0.006
10/1/07	2.00	0.006

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)
12/31/07	14.00	0.250
12/24/07	7.70	0.011
12/17/07	9.30	0.008
12/10/07	11.00	0.006
12/3/07	12.00	0.006
11/26/07	11.00	0.007
11/19/07	4.60	0.005
11/5/07	17.00	0.009
10/29/07	4.80	0.001
10/22/07	4.00	0.001
10/16/07	5.90	0.008
10/11/07	5.40	0.007
10/1/07	5.80	0.008

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)
12/31/07	3.200	0
12/24/07	1.100	0.022
12/17/07	6.200	0.009
12/10/07	7.500	0.011
12/3/07	3.400	0.010
11/27/07	1.800	0.014
11/19/07	12.000	0.051
11/13/07	11.000	0.055
11/5/07	18.000	0.013
10/29/07	1.500	0.003
10/22/07	2.000	0.005
10/15/07	2.500	0.006
10/10/07	21.000	0.007
10/1/07	7.600	0.005