

Carbon Scrubber Hydrogen Sulfide Removal Performance – 4Q FY06/07

| Location | Capacity | Model | System | Date | Inlet | Outlet |
|--|------------|-----------|--------|-----------|-----------|-----------|
| | | | | | H2S (ppm) | H2S (ppm) |
| LA CIENEGA-JEFFERSON AQMD Allowable Limit: 1.0 ppm | 10,000 cfm | US Filter | ECIS | 6/28/2007 | 4.90 | 0.011 |
| | | | | 6/20/2007 | 4.20 | 0.012 |
| | | | | 6/12/2007 | 3.90 | 0.012 |
| | | | | 6/4/2007 | 5.60 | 0.015 |
| | | | | 5/29/2007 | 12.00 | 0.008 |
| | | | | 5/24/2007 | 5.80 | 0.009 |
| | | | | 5/8/2007 | 6.10 | 0.008 |
| | | | | 5/3/2007 | 7.50 | 0.007 |
| | | | | 4/25/2007 | 8.20 | 0.008 |
| | | | | 4/19/2007 | 9.50 | 0.008 |
| | | | | 4/9/2007 | 5.20 | 0.029 |
| | | | | 4/5/2007 | 3.40 | 0.023 |
| | | | | | | |
| | | | | | | |

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) |
|-----------|--------------------|---------------------|
| 06/25/07 | 3.80 | 0.006 |
| 06/18/07 | 2.90 | 0.009 |
| 06/12/07 | 3.00 | 0.004 |
| 06/07/07 | 2.20 | 0.002 |
| 5/29/2007 | 5.20 | 0.018 |
| 5/14/2007 | 2.80 | 0.005 |
| 5/8/2007 | 1.40 | 0.004 |
| 4/30/2007 | 1.26 | 0.011 |
| 4/23/2007 | 2.80 | 0.004 |
| 4/20/2007 | 1.30 | 0.031 |
| 4/9/2007 | 2.60 | 0.040 |
| 4/5/2007 | 3.20 | 0.021 |
| | | |

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) |
|----------|--------------------|---------------------|
| 06/28/07 | 3.90 | 0.009 |
| 06/19/07 | 3.70 | 0.012 |
| 06/13/07 | 4.30 | 0.015 |
| 06/04/07 | 5.10 | 0.011 |
| 05/29/07 | 4.90 | 0.013 |
| 05/23/07 | 4.80 | 0.012 |
| 05/14/07 | 4.20 | 0.007 |
| 05/08/07 | 4.10 | 0.004 |
| 05/02/07 | 2.50 | 0.004 |
| 04/25/07 | 4.30 | 0.010 |
| 04/17/07 | 9.00 | 0.010 |
| 04/09/07 | 8.00 | 0.055 |
| 04/05/07 | 7.10 | 0.014 |

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) |
|-----------|--------------------|---------------------|
| 6/26/2007 | 0.77 | 0.007 |
| 6/19/2007 | 0.64 | 0.007 |
| 6/11/2007 | 0.39 | 0.008 |
| 6/5/2007 | 0.82 | 0.005 |
| 5/30/2007 | 0.36 | 0.004 |
| 5/15/2007 | 0.68 | 0.004 |
| 5/7/2007 | 3.20 | 0.004 |
| 5/1/2007 | 1.50 | 0.011 |
| 4/23/2007 | 1.20 | 0.008 |
| 4/18/2007 | 1.42 | 0.008 |
| 4/9/2007 | 1.28 | 0.006 |
| 4/3/2007 | 0.84 | 0.004 |
| | | |

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) |
|-----------|--------------------|---------------------|
| 6/28/2007 | 0.82 | 0.009 |
| 6/19/2007 | 0.68 | 0.008 |
| 6/12/2007 | 4.10 | 0.009 |
| 6/4/2007 | 5.70 | 0.006 |
| 5/29/2007 | 8.20 | 0.007 |
| 5/24/2007 | 4.10 | 0.006 |
| 5/14/2007 | 7.80 | 0.006 |
| 5/8/2007 | 2.10 | 0.008 |
| 5/3/2007 | 1.60 | 0.009 |
| 4/23/2007 | 6.10 | 0.008 |
| 4/19/2007 | 0.60 | 0.006 |
| 4/9/2007 | 5.00 | 0.009 |
| 4/5/2007 | 3.10 | 0.007 |

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) |
|-----------|--------------------|---------------------|
| 6/28/2007 | 4.40 | 0.010 |
| 6/13/2007 | 4.20 | 0.011 |
| 6/4/2007 | 4.90 | 0.015 |
| 5/29/2007 | 4.60 | 0.007 |
| 5/24/2007 | 4.70 | 0.007 |
| 5/14/2007 | 3.80 | 0.005 |
| 5/8/2007 | 4.60 | 0.004 |
| 4/30/2007 | 1.70 | 0.008 |
| 4/25/2007 | 4.80 | 0.009 |
| 4/19/2007 | 4.10 | 0.009 |
| 4/9/2007 | 7.00 | 0.010 |
| 4/5/2007 | 6.20 | 0.006 |
| | | |

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) |
|----------|--------------------|---------------------|
| 06/28/07 | 3.20 | 0.062 |
| 06/18/07 | 38.00 | 0.085 |
| 06/12/07 | 39.00 | 0.009 |
| 06/05/07 | 25.00 | 0.076 |
| 05/29/07 | 9.40 | 0.007 |
| 05/14/07 | 11.90 | 0.005 |
| 05/08/07 | 38.00 | 0.004 |
| 04/30/07 | 12.30 | 0.004 |
| 04/24/07 | 50+ | 0.160 |
| 04/09/07 | 50+ | 0.037 |
| 04/05/07 | 50+ | 0.031 |
| | | |
| | | |

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) |
|-----------|--------------------|---------------------|
| 6/28/2007 | 0.94 | 0.007 |
| 6/19/2007 | 1.10 | 0.007 |
| 6/13/2007 | 0.84 | 0.006 |
| 6/4/2007 | 0.72 | 0.006 |
| 5/29/2007 | 0.65 | 0.004 |
| 5/23/2007 | 0.83 | 0.005 |
| 5/14/2007 | 0.72 | 0.004 |
| 5/7/2007 | 0.89 | 0.004 |
| 5/2/2007 | 0.62 | 0.004 |
| 4/25/2007 | 0.64 | 0.009 |
| 4/17/2007 | 0.74 | 0.004 |
| 4/9/2007 | 0.84 | 0.023 |
| 4/5/2007 | 1.20 | 0.028 |

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

5,000 cfm

Barneby

LCSFVRS

AQMD Allowable: 1.0 ppm

| Date | Inlet H2S (ppm) | Outlet H2S (ppm) |
|----------|--------------------|---------------------|
| 06/28/07 | 0.73 | 0.008 |
| 06/19/07 | 0.61 | 0.009 |
| 06/12/07 | 0.88 | 0.012 |
| 06/04/07 | 0.73 | 0.008 |
| 05/29/07 | 0.64 | 0.006 |
| 05/24/07 | 0.72 | 0.005 |
| 05/14/07 | 0.68 | 0.005 |
| 05/08/07 | 0.88 | 0.006 |
| 05/03/07 | 0.62 | 0.008 |
| 04/25/07 | 0.69 | 0.007 |
| 04/19/07 | 0.67 | 0.006 |
| 04/09/07 | 0.41 | 0.019 |
| 04/05/07 | 0.14 | 0.021 |

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) |
|-----------|-----------------|------------------|
| 6/25/2007 | 0.76 | 0.004 |
| 6/20/2007 | 1.60 | 0.003 |
| 6/11/2007 | 0.89 | 0.004 |
| 6/7/2007 | 1.10 | 0.004 |
| 5/29/2007 | 0.42 | 0.009 |
| 5/8/2007 | 1.04 | 0.002 |
| 4/30/2007 | 0.24 | 0.007 |
| 4/23/2007 | 0.80 | 0.009 |
| 4/20/2007 | 0.95 | 0.026 |
| 4/9/2007 | 0.92 | 0.013 |
| 4/5/2007 | 0.42 | 0.017 |
| | | |
| | | |

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

AQMD Allowable: 1.0 ppm

10,000 cfm

US Filter

NEIS

| Date | Inlet H2S (ppm) | Outlet H2S (ppm) |
|---------|--------------------|---------------------|
| 6/25/07 | 0.91 | 0.004 |
| 6/18/07 | 0.72 | 0.005 |
| 6/12/07 | 0.88 | 0.003 |
| 6/6/07 | 0.34 | 0.004 |
| 5/29/07 | 0.94 | 0.008 |
| 5/21/07 | 0.92 | 0.005 |
| 5/17/07 | 3.00 | 0.006 |
| 5/8/07 | 2.20 | 0.005 |
| 4/30/07 | 1.16 | 0.003 |
| 4/23/07 | 7.20 | 0.004 |
| 4/18/07 | 8.20 | 0.003 |
| 4/9/07 | 0.11 | 0.001 |
| 4/5/07 | 1.40 | 0.022 |

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) |
|---------|--------------------|---------------------|
| 6/28/07 | 4.90 | 0.007 |
| 6/20/07 | 5.10 | 0.008 |
| 6/13/07 | 4.00 | 0.008 |
| 6/4/07 | 6.40 | 0.006 |
| 5/29/07 | 5.60 | 0.005 |
| 5/23/07 | 4.80 | 0.006 |
| 5/14/07 | 7.10 | 0.009 |
| 5/7/07 | 18.00 | 0.008 |
| 5/2/07 | 11.00 | 0.009 |
| 4/25/07 | 11.20 | 0.004 |
| 4/17/07 | 4.90 | 0.003 |
| 4/5/07 | 6.50 | 0.002 |
| | | |

Location

Capacity

Model

System

Date

**Inlet
H2S (ppm)**

**Outlet
H2S (ppm)**

Richmond

AQMD Allowable: 1.0 ppm

10000 cfm

US Filter

NEIS

| Date | Inlet H2S (ppm) | Outlet H2S (ppm) |
|---------|-----------------|------------------|
| 6/25/07 | 4.200 | 0.005 |
| 6/18/07 | 5.500 | 0.004 |
| 6/12/07 | 4.400 | 0.003 |
| 6/6/07 | 3.300 | 0.002 |
| 5/29/05 | 4.100 | 0.009 |
| 5/8/07 | 1.580 | 0.003 |
| 4/30/07 | 3.000 | 0.003 |
| 4/23/07 | 0.570 | 0.003 |
| 4/18/07 | 4.200 | 0.002 |
| 4/9/07 | 0.840 | 0.001 |
| 4/5/07 | 0.860 | 0.012 |
| | | |
| | | |