

## Carbon Scrubber Hydrogen Sulfide Removal Performance - 4Q FY 09/10

**Location**  
**La Cienega-Jefferson**

**Capacity** 10,000 cfm  
**Model** US Filter  
**System** ECIS

AQMD Allowable Limit: 1.0 ppm

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
06/28/10	0.08	0.007
06/22/10	23.00	0.041
06/14/10	14.00	0.015
06/07/10	4.70	0.005
06/01/10	1.20	0.021
05/24/10	3.70	0.020
05/18/10	2.10	0.005
05/10/10	2.00	0.007
05/03/10	13.00	0.017
04/26/10	2.20	0.016
04/19/10	14.00	0.020
04/12/10	4.20	0.019
04/08/10	17.00	0.023

## Carbon Scrubber Hydrogen Sulfide Removal Performance - 4Q FY 09/10

**Location**  
**Mission and Jesse**

**Capacity** 10,000 cfm  
**Model** US Filter  
**System** ECIS

AQMD Allowable Limit: 1.0 ppm

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
06/28/10	7.60	0.005
06/21/10	4.70	0.014
06/14/10	6.10	0.016
06/07/10	21.00	0.027
06/01/10	13.00	0.011
05/24/10	9.20	0.010
05/18/10	1.16	0.004
05/10/10	14.00	0.031
05/03/10	12.00	0.014
04/26/10	13.00	0.011
04/19/10	12.00	0.012
04/12/10	1.02	0.002
04/07/10	6.40	0.013

## Carbon Scrubber Hydrogen Sulfide Removal Performance - 4Q FY 09/10

**Location**  
**North Outfall Treatment Facility**

**Capacity** 10,000 cfm  
**Model** US Filter  
**System** WLAIS

AQMD Allowable Limit: 1.0 ppm

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
6/28/2010	8.50	0.020
6/22/2010	11.20	0.004
6/14/2010	3.80	0.006
6/7/2010	5.60	0.003
6/1/2010	14.00	0.016
5/24/2010	15.00	0.007
5/18/2010	5.40	0.010
5/10/2010	8.60	0.018
5/3/2010	5.60	0.012
4/26/2010	8.10	0.012
4/19/2010	13.00	0.014
4/12/2010	14.00	0.014
4/5/2010	23.00	0.007

## Carbon Scrubber Hydrogen Sulfide Removal Performance - 4Q FY 09/10

**Location**  
**Radford-Woodbridge**

AQMD Allowable Limit: 1.0 ppm

**Capacity** 5,000 cfm  
**Model** Barneby  
**System** NOS

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
06/28/10	0.16	0.002
06/25/10	0.82	0.009
06/14/10	0.63	0.000
06/07/10	0.78	0.000
06/01/10	1.10	0.004
05/24/10	1.20	0.006
05/18/10	0.27	0.006
05/10/10	1.20	0.016
05/03/10	0.83	0.003
04/26/10	0.82	0.007
04/19/10	0.59	0.000
04/16/10	0.32	0.008
04/08/10	1.30	0.000

## Carbon Scrubber Hydrogen Sulfide Removal Performance - 4Q FY 09/10

**Location**  
**Rodeo-MLK**

AQMD Allowable Limit: 0.6 ppm

**Capacity** 5,000 cfm  
**Model** Barneby  
**System** Maze

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
06/28/10	2.0	0.006
06/22/10	1.5	0.006
06/14/10	13.0	0.017
06/07/10	6.9	0.007
06/01/10	16.0	0.012
05/24/10	2.2	0.007
05/18/10	5.8	0.004
05/10/10	2.1	0.007
05/03/10	0.3	0.002
04/26/10	5.9	0.015
04/19/10	6.3	0.011
04/12/10	0.32	0.015
04/08/10	0.037	0.002

## Carbon Scrubber Hydrogen Sulfide Removal Performance - 4Q FY 09/10

**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)
6/28/2010	3.40	0.021
6/22/2010	1.20	0.009
6/14/2010	8.10	0.015
6/7/2010	3.50	0.004
6/1/2010	16.00	0.028
5/24/2010	7.20	0.022
5/18/2010	4.80	0.037
5/10/2010	16.00	0.012
5/3/2010	2.70	0.004
4/26/2010	4.50	0.015
4/19/2010	5.20	0.008
4/12/2010	11.00	0.029
4/5/2010	3.70	0.012

## Carbon Scrubber Hydrogen Sulfide Removal Performance - 4Q FY 09/10

Location	Capacity	Model	System	Date	Inlet H2S (ppm)	Outlet H2S (ppm)
<b>23rd and San Pedro</b>	10,000 cfm	US Filter	ECIS			

AQMD Allowable Limit: 1.0 ppm

Unit Physically Removed Aug 2008

## Carbon Scrubber Hydrogen Sulfide Removal Performance - 4Q FY 09/10

Location	Capacity	Model	System	Date	Inlet H2S (ppm)	Outlet H2S (ppm)
<b>Ballona Creek</b>	10,000 cfm	US Filter	Pump Plant			

AQMD Allowable Limit: 0.14 ppm

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
06/28/10	0.87	0.005
06/22/10	1.08	0.000
06/14/10	1.60	0.005
06/07/10	0.46	0.000
06/01/10	0.79	0.008
05/24/10	1.80	0.003
05/18/10	0.91	0.004
05/10/10	1.10	0.006
05/03/10	0.65	0.002
04/26/10	0.80	0.009
04/19/10	1.30	0.000
04/12/10	0.92	0.000
04/05/10	0.42	0.006

## Carbon Scrubber Hydrogen Sulfide Removal Performance - 4Q FY 09/10

Location	Capacity	Model	System	Date	Inlet H2S (ppm)	Outlet H2S (ppm)
<b>Genesee</b>	5,000 cfm	Barneby	LCSFVRS			

AQMD Allowable Limit: 1.0 ppm

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
6/28/10	0.53	0.007
6/22/10	0.33	0.007
6/14/10	0.63	0.002
6/7/10	0.35	0.001
6/1/10	0.77	0.011
5/24/10	1.40	0.008
5/18/10	0.73	0.001
5/10/10	0.37	0.010
5/3/10	0.28	0.002
4/26/10	0.72	0.005
4/19/10	0.63	0.007
4/12/10	0.27	0.009
4/8/10	0.51	0.000

## Carbon Scrubber Hydrogen Sulfide Removal Performance - 4Q FY 09/10

**Location**

**Dacotah**

AQMD Allowable Limit: 1.0 ppm

**Capacity**  
3,000 cfm

**Model**  
US Filter

**System**  
Pump Plant

<b>Date</b>	<b>Inlet H2S (ppm)</b>	<b>Outlet H2S (ppm)</b>
06/28/10	2.60	0.013
06/21/10	4.40	0.012
06/14/10	2.60	0.012
06/07/10	1.20	0.003
06/01/10	2.00	0.009
05/24/10	0.88	0.002
05/18/10	1.20	0.009
05/10/10	0.77	0.002
05/03/10	0.46	0.032
04/26/10	1.20	0.009
04/19/10	1.20	0.008
04/12/10	0.61	0.000
04/08/10	0.92	0.001

## Carbon Scrubber Hydrogen Sulfide Removal Performance - 4Q FY 09/10

**Location**

**Humboldt**

AQMD Allowable Limit: 1.0 ppm

**Capacity**  
10,000 cfm

**Model**  
US Filter

**System**  
NEIS

<b>Date</b>	<b>Inlet H2S (ppm)</b>	<b>Outlet H2S (ppm)</b>
06/28/10	0.01	0.001
06/21/10	0.011	0.002
06/14/10	40.00	0.037
06/07/10	4.70	0.005
06/01/10	18.00	0.140
05/24/10	16.00	0.025
05/18/10	23.00	0.026
05/10/10	1.10	0.022
05/03/10	23.00	0.011
04/26/10	15.00	0.044
04/19/10	7.60	0.028
04/12/10	0.16	0.045
04/07/10	5.20	0.018

## Carbon Scrubber Hydrogen Sulfide Removal Performance - 4Q FY 09/10

**Location**

**NORS**

AQMD Allowable Limit: 1.0 ppm

**Capacity**  
10,000 cfm

**Model**  
US Filter

**System**  
NORS/ECIS

<b>Date</b>	<b>Inlet H2S (ppm)</b>	<b>Outlet H2S (ppm)</b>
6/28/2010	16.00	0.009
6/22/2010	6.60	0.012
6/14/2010	13.00	0.000
6/7/2010	12.00	0.004
6/1/2010	9.00	0.022
5/24/2010	8.20	0.012
5/18/2010	5.40	0.030
5/10/2010	14.00	0.021
5/3/2010	7.90	0.013
4/26/2010	5.30	0.017
4/22/2010	5.10	0.009
4/16/2010	4.20	0.018
4/5/2010	0.33	0.009

## Carbon Scrubber Hydrogen Sulfide Removal Performance - 4Q FY 09/10

**Location**

**Richmond**

AQMD Allowable Limit: 1.0 ppm

**Capacity Model System**

10,000 cfm US Filter NEIS

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

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
6/28/10	7.500	0.015
6/21/10	5.700	0.009
6/14/10	6.600	0.002
6/7/10	1.500	0.003
6/1/10	4.500	0.009
5/24/10	11.000	0.008
5/18/10	2.300	0.002
5/10/10	1.500	0.002
5/3/10	2.300	0.003
4/26/10	9.000	0.014
4/12/10	0.089	0.002
4/8/10	3.000	0.003

## Carbon Scrubber Hydrogen Sulfide Removal Performance - 4Q FY 09/10

**Location**

**Sierra Bonita**

AQMD Allowable Limit: 1.0 ppm

**Capacity Model System**

10,000 cfm US Filter LCSFVRS

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

Date	Inlet H2S (ppm)	Outlet H2S (ppm)
6/24/2010	2.20	0.005
6/15/2010	2.80	0.004
6/7/2010	0.04	0.000
6/1/2010	4.70	0.011
5/24/2010	1.20	0.006
5/18/2010	0.03	0.004
5/12/2010	2.60	0.010
5/4/2010	3.20	0.009
4/29/2010	2.40	0.006
4/19/2010	1.40	0.008
4/16/2010	1.30	0.007
4/6/2010	0.84	0.009
4/1/2010	1.20	0.008