

**15.9% Opacity Reduction**

*Ethos* Environmental, Inc.

**Pacific Waste - Clairemont  
Fleet Opacity Summary**

				Diesel/Ethos 5/14/2003	Diesel/Ethos 4/23/2004	Diesel/Ethos 4/26/2005	
	UNIT #	YR	VIN #	MAKE	OPACITY %	OPACITY %	OPACITY %
1	544840	1994	683083	WHT	0.0	17.6	30.2
2	573019	1987	304257	WHT	52.0	50.4	28.4
3	590203	1989	503016	WHT	N/A	32.4	30.5
4	590206	1989	503019	WHT	30.7	37.0	26.1
5	600023	2001	318704	VOL	0.0	2.5	0.1
6	601063	1991	636787	WHT	12.9	14.5	9.9
7	610191	2001	327716	VOL	4.2	4.1	3.7
8	620025	2003	335030	VOL	N/A	0.0	6.5
9	662485	1986	110837	WHT	N/A	25.7	20.6
10	652495	1985	104284	WHT	N/A	20.4	12.6
11	652496	1985	104285	WHT	41.8	O/S	O/S
12	662499	1986	110823	WHT	21.6	16.0	7.5
13	662500	1986	110824	WHT	11.6	11.6	6.2
14	663119	1986	109105	WHT	19.3	19.2	15.2
15	665964	1985	109102	WHT	37.4	32.1	28.0
16	661447	1989	625253	WHT	N/A	48.8	40.9
17	691446	1989	504139	WHT	34.8	49.4	O/S
18	701080	2000	781035	VOL	14.3	12.0	12.2
19	701081	2000	781036	VOL	8.1	8.3	5.2
20	701082	2000	781039	VOL	4.1	6.0	7.1
21	701449	1989	505970	WHT	34.2	30.7	25.5
22	702332	2000	789773	VOL	3.7	5.6	4.9
23	702333	2000	789774	VOL	10.8	15.4	10.8
24	705757	2000	789860	VOL	3.3	7.0	4.9
25	707629	2000	789783	VOL	5.5	12.9	7.7
26	707630	2000	789784	VOL	2.4	6.5	6.4
27	707631	2000	789766	VOL	6.0	5.9	8.1
28	710057	2001	327709	VOL	3.4	2.8	5.4
29	710062	2001	327712	VOL	4.1	3.2	5.4
30	710063	2001	327713	VOL	2.8	28.9	6.9
31	710064	2001	327714	VOL	1.1	4.7	3.4
32	720000	1992	511136	WHT	13.9	9.0	3.3
33	720029	2002	347173	VOL	4.5	4.3	4.5
34	720030	2003	347174	VOL	2.8	3.0	1.8
35	720031	2002	347175	VOL	2.9	1.6	8.3
36	720032	2002	345982	VOL	3.5	5.2	4.3
37	720034	2003	345996	VOL	5.4	4.9	4.6
38	720035	2003	345984	VOL	5.1	0.0	1.1
39	720036	2003	345993	VOL	4.7	3.0	1.5
40	720037	2003	345983	VOL	3.7	5.0	1.2
41	720038	2003	345995	VOL	2.8	4.7	2.8
42	720039	2003	345994	VOL	3.2	3.1	2.8
43	752412	1985	109108	WHT	37.0	87.3	43.2
44	766026	1996	715668	VOL	3.4	0.9	1.2
45	766496	1996	730387	WHT	0.2	0.7	1.5
46	766560	1996	730388	WHT	6.9	0.0	0.0
47	766561	1996	730392	WHT	7.6	7.3	16.9
48	773052	1987	304260	WHT	28.1	45.7	32.3
49	773575	1987	304957	WHT	28.9	29.5	21.1
50	781099	1999	765579	VOL	5.3	4.1	7.19
51	781100	1999	765580	VOL	8.9	8.7	4.01
52	781102	1999	765581	VOL	2.9	1.5	1.17
53	784068	1988	605114	WHT	31.4	44.3	27.6
54	790199	1989	503022	WHT	43.1	55.2	51.4
55	790200	1989	503023	VOL	30.6	21.1	22.2

				Diesel/Ethos 5/14/2003	Diesel/Ethos 4/23/2004	Diesel/Ethos 4/26/2005	
	UNIT #	YR	VIN #	MAKE	OPACITY %	OPACITY %	OPACITY %
56	791452	1989	703903	PTRB	33.4	42.1	11.2
57	793593	1999	797121	VOL	7.2	6.6	8.46
58	793594	1999	797122	VOL	10.2	8	4.57
59	793595	1999	797123	VOL	6.2	5.9	2.98
60	751215	2005	201215	AUTOCAR	N/A	N/A	5.61
61	650953	2005	200953	AUTOCAR	N/A	N/A	2.38
62	651568	2005	201568	AUTOCAR	N/A	N/A	3.06
63	651567	2005	201567	AUTOCAR	N/A	N/A	3.39
64	600024	2001	306108	VOL	N/A	N/A	1.86

**Average Opacity  
Percent Reduction**

**13.2**

**16.3  
22.9%**

**11.1  
-15.9%**

Notes:

1. Initial Opacity test was done 5/14/03 on entire fleet.
2. Ethos FR was added to the central storage tank at a rate of 2 oz. per 10 gallons and to the crankcase at a rate of 1oz per quart of oil.
3. Opacity tests were performed on the entire fleet on 4/23/04 and compared with initial tests.
4. Ending opacity was done 4/26/05 in order to check fleet performance and compared with initial tests.

\*Not included in average reduction calculation due to truck's mechanical failures.

O/S=out of service

N/A=not available