

20.6% Opacity Reduction

ETHOS FR

CUSTOMER	U.S. DEPARTMENT OF JUSTICE - I.N.S.
	WESTERN REGION BUSES
ADDRESS	1111 IMPERIAL AVE.
	EL CENTRO, CA 92243

DEMO DATE:

2/9/00

2/20/00

ETHOS

[illegible]

70.7% Opacity Reduction

ETHOS FR

CUSTOMER L.A. TRANSPORT
CONTACT PEDRO GUERRERO
ADDRESS CACTUS RD.
SAN DIEGO, CA

Start Date: 6/18/00

End Date: 6/18/00

	LIC#	YR	UNIT #	VIN#	MAKE	MILES IN	MILES OUT	OPC% Before Treatment	OPC% After Treatment	Opacity % Reduction
1	9B09703	89	4	1XKEDR9X2KJ374495	KW	774,246	775,267	25.4	6.9	-73.0
2										
3	9A39305	85	5	1FUEYCYB7FH254345	FRGHT	35,568	36,468	8.8	0.7	-92.0
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Treated in order to comply with California Heavy-Duty Vehicle Inspection Program and Periodic Smoke Inspection Program.

48.9% Opacity Reduction

ETHOS FR

CUSTOMER LUCAR TRANSPORT
CONTACT YOLANDA JIMENEZ
ADDRESS 2350 OTAY CENTER RD.
San Diego, CA

Start Date: 10/12/00

End Date: 10/31/00

	LIC#	YR	UNIT #	VIN#	MAKE	RPM	MILES	OPC% Before Treatment	OPC% After Treatment	Opacity % Reduction
1	9A82515	1989	21	1FUYACYB2KH359970	FRHT		889,829	59.8	13.5	-77.0
2	9B59688	1993	2	1FUPACXBXP474298	FRHT		703,418	11.4	8.2	-28.0
3	9A27396	1989	20	1HSRKX2R6KH225945	INT		955,018	40.2	15.8	-61.0
4	9B59770	1988	1322	1FUAYDYA6JP330132	FRHT		212,294	1.9	0.9	-53.0
5	9B59687	1987	1	KKAD29X3HS342809	KW		619,372	99.2	71.7	-28.0
6	9B13884	1989	75	1FUYACYB8KB349482	FRHT		137,036	90.4	55.7	-38.0
7	9B00158	1989	24	1FUYACYB5KP349486	FRHT		120,167	36.6	11.1	-70.0
8	9B00159	1989	59	1FUYACYB9KP349491	FRHT		935,494	10.0	4.3	-57.0
9	9B00046	1987	22	1XKED29X3HJ370732	KW		519,746	12.3	4.0	-67.0
10	9B61832	1993	36	1HSRKEMR8PH511143	INT		882,102	10.5	4.8	-54.0
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Demo was done for two weeks. Opacity results are as shown above.

Initial treatment was 3 oz. To 10 gallons of fuel and 1 oz. Per quart of oil.

The daily dose rate was adjusted to 1 oz. Per 10 gallons of fuel

Customer's objective to comply with CARB's Heavy-Duty Vehicle Inspection Program was met and an average opacity reduction 53.3% fleetwide was achieved.

40% Opacity Reduction

ETHOS FR

CUSTOMER MISSION LINEN SUPPLY
CONTACT 2727 INDUSTRY STREET
ADDRESS OCEANSIDE, CA 92054

Start Date: 10/12/00

End Date: 10/31/00

	LIC#	YR	UNIT #	VIN#	MILES OUT	MILES IN		OPC% Before Treatment	OPC% After Treatment	Opacity % Reduction
1	5M22310	1990	5537	1HTSD27TOLH225435	283,572	284,390		12.3	9.2	-25.0
2	3R81385	1988	5485	1HTLD25PXJH609727	510,164	511,794		42.5	27.9	-34.0
3	3T28523	1988	5497	1HTLD25P3JH610394	480,667	481,886		38.7	19.3	-50.0
4	5M22311	1990	5557	1HT5DZPXLH264758	407,551	411,259		24.7	14.5	-41.0
5	3H74659	1988	5441	F330814	326,498	327,711		GAS		
6	2K53658	1984	1751	1GBJP3ZMXE3340638	281,074	283,154		GAS		
7	UN37848	1992	5783	1FTFS24Y3NHB62634	244,967	246,467		GAS		
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Demo was done for one month. Opacity results are as shown above.

Initial treatment was 3 oz. To 10 gallons of fuel and 1 oz. Per quart of oil.

The daily dose rate was adjusted to 1 oz. Per 10 gallons of fuel

Customer's objective to lower opacity was met. The average opacity reduction 37.5%

60% Opacity Reduction

ETHOS FR

CUSTOMER VISTA CITY
CONTACT GAYLAND LUNDQUIST
ADDRESS 1222 ARCADIA AVE.
Vista, CA

Start Date:

11/17/00

End Date:

12/15/00

	LIC#	YR	UNIT #	VIN#	MAKE	RPM	MILES	OPC% Before Treatment	OPC% After Treatment	Opacity % Reduction
1	E441055	1984	214	1FDYW803EVA8666	F/800	2300	89,338	33.1	23.1	-30.2
2	E486142	1986	210	1HTDUGN7HHA25717	INT.1900	2300	97,144	26.0	15.6	-40.0
3	E111296	1986	209	1HTSDZ7N3LH691150	INT.1900	2500	91,316	21.3	5.8	-72.8
4	1010072	1998	300	1GCGC24R6WZ260658	C/250		41,958	GAS		
5	104721	2000	301	1GBKC34JMF492555	C/2500		2,906	GAS		
6	E051759	1997	204	1GCGC33ROBR039399	C/2500		36,223	GAS		
7	E350448	1991	760	1FDKE30M2KHC27804	E/450	2300	131,846	18.2	3.5	-80.8
8	E336530	1991	710	1GCGK24J9ME133873	C/2500	2500	76,181	21.7	0.0	-100.0
9	1030381	1999	752	1FDXE40F9XHA86492	F/800	2300	23,826	2.7	1.1	-59.3
10	E992200	1997	750	1GCCS14XZWK123168	C/S10		33,394	GAS		
11	E374009	1992	754	1GCCS14Z8N820111Z	C/S10		60,638	GAS		
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Demo was done for one month. Opacity results are as shown above.

Initial treatment was 11 gallons of Ethos FR in a 9,000 gallon central gasoline tank, 16 gallons in a 13,500 gallon central diesel tank and 1 gallon in bulk oil.

After initial treatment, Ethos FR was used at the rate of 1 oz. Per 10 gallons of fuel

The customer's objective was to lower opacity and obtain fuel economy.

Waiting on client to provide historical data in order to calculate fuel economy achieved.

The average opacity reduction was 63.8% fleet-wide.

79.2% Opacity Reduction

ETHOS FR

CUSTOMER China City Bus Company

CONTACT

ADDRESS Guangzhou, Republic of China

Start Date:

11/10/01

End Date:

11/10/01

	LIC#	UNIT #	VIN #	FUEL QTY	ETHOS ADDED	OIL QTY	ETHOS ADDED	OPC% Before Treatment	OPC% After Treatment	Opacity % Reduction
1		A21792	2-40616	120 Liters	17 oz.	22 Qts	22 oz.	4.3	1.0	-77.0
2		A32025	2-40277	120 Liters	22 oz.	22 Qts	22 oz.	22.2	4.5	-80.0
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Opacity results after four hours of treating the buses, which was the equivalent of a full route, are as shown above.

Historical information on fuel use was not available therefore fuel economy was not determined.

83% Opacity Reduction

ETHOS FR

CUSTOMER Shenzhen Public Transportation Group, Ltd.

CONTACT

ADDRESS Republic of China

[illegible]

36.6% Opacity Reduction

ETHOS FR

CUSTOMER OCEANSIDE SCHOOL DISTRICT
CONTACT DAN McCLUSKY
ADDRESS MISSION AVE
OCEANSIDE, CA

Start Date: 1/26/00

End Date: 2/2/00

	UNIT #	YR	BUS	MILES - START	MILES - STOP	TOTAL MILES	OPC% Before Treatment	OPC% After Treatment	Opacity % Reduction
1	12	1975	CROWN	367938	368309	371	44.3	39.8	-10.0
2	502	1990	B/BIRD	107276	107618	342	32.1	22.7	-29.0
3	503	1990	B/BIRD	4295	4554	259	58.2	44.6	-23.0
4	534	1994	INT	77556	77888	332	8.8	0.2	-98.0
5	852	1985	CROWN	242420	242783	363	20.2	5.2	-74.0
6	853	1985	CROWN	17041	17397	356	41.1	21.6	-47.0
7	854	1985	CROWN	231895	232262	367	44.4	23.7	-47.0
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Demo was done for three weeks. Opacity results are as shown above.

Initial treatment was 3 oz/10 gallons in fuel and 1 oz/quart in oil.

Customer's objective to lower opacity was met. The average opacity reduction was 46.9%

77.7% Opacity Reduction

ETHOS FR

CUSTOMER SAN DIEGO PORT DISTRICT
CONTACT WAYDE HARVEY
ADDRESS 825 E. HARBOR DR
SAN DIEGO, CA

Start Date: 3/24/00

End Date: 6/7/00

	LIC #	YR	PATROL BOAT	STARBOARD OPC %	STARBOARD OPC %	OPC % REDUCTION
1	CF1740XC	5/25/05	2 DETROT DIESEL # 671	3.8	1.0	-74
2				PORT SIDE OPC%	PORT SIDE OPC%	
3				5.1	1.6	-69
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Demonstration was for three months. Opacity results are as shown above.

Initial treatment was 3 oz/10 gal of fuel and 1 oz/quart of oil.

Daily dose was adjusted to 1 oz/10 gal of fuel.

Customer's objective to reduce opacity was met with an average opacity reduction of 71.5%

43.7% Opacity Reduction

Ethos Environmental, Inc.

Sycamore Landfill Fleet Opacity Summary

	TYPE	Unit #	YEAR	ENGINE	OPACITY %	OPACITY%	Notes
					5/2/2005	9/20/2005	
1	D9R Trash Dozer	TD-2	2001	CAT 3456E EUI	26.0	17.30	
2	D8N Trash Dozer	1018	1995	CAT 3406	26.9	N/A	O/S
3	D8N Ripper Dozer	RD-13	1990	CAT 3406	49.9	N/A	O/S
4	390C Trash Compactor	TC-1	1998	CUM QSK 1900	N/A	N/A	O/S
5	390C Trash Compactor	1247	1998	CUM QSK 1900	43.5	19.00	
6	836G Trash Compactor	TC-4	2002	CAT 3408E HEUI	N/A	8.32	
7	627E Scraper	SC-1	1988	CAT 3306/CAT 3306	56.9 F/60.9 R	32.7F/24.8R	
8	627 E Scraper	1005	1987	CAT3306/CAT 3306	86.1 F/46.5 R	60.4F/31.9R	
9	16G Motor Grader	MG-1	1985	CAT 3406	30.7	17.80	
10	Peterbitt Water Truck	WT-1	1991	N/A	N/A	N/A	O/S
11	D250 Water Truck	WT-2	1998	CAT 3406	14.0	10.90	
12	416B Backhoe	BH-1	1994	CAT 3054 DIT	27.9	20.80	
13	International Mechanics Truck	MT-1	1988	INTL DT466	50.4	29.50	
14	International Lube Truck	LT-1	1988	INTL DT466	13.0	7.04	
15	Laymor Sweeper	SW-1	1995	N/A	7.53	1.48	
16	Ford F250	PU-5	2004	FORD	2.93	3.49	
Avg. Opacity					36.21	20.38	
Opacity Reduction						-43.72%	

Notes:

1. Initial Opacity test was done **5/02/05** 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. Ending opacity was done **9/20/05** in order to check fleet performance and compared with initial tests.

F=front opacity

R=rear opacity

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

O/S=out of service

N/A=not available

56.5% Opacity Reduction

Ethos Environmental, Inc.

Pacific Waste - Chula Vista

Fleet Opacity Summary

				Diesel Only	Ethos Only	Ethos Only	B20 Only	B20/Ethos	B20/Ethos	B20/Ethos
				8/1/2001	8/22/2001	9/26/2001	10/22/2001	12/13/2001	4/22/2003	7/29/2004
	Unit #	Yr.	Lic #	Opacity %	Opacity %	Opacity %	Opacity %	Opacity %	Opacity %	Opacity %
1	110263	1991	5W18947	10.1	1.5	1.6	0.2	0.0	6.4	5.6
2	190519	1989	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.8
3	505757	2000	6D94537	6.8	N/A	1.4	8.2	0.0	N/A	N/A
4	544631	1994	4Z01116	6.2	0.8	0.6	0.7	0.4	N/A	N/A
5	544836	1994	5M25011	5.0	2.0	0.7	1.8	0.0	0.7	0.0
6	544837	1994	5M25012	6.0	2.4	0.7	0.0	0.0	0.0	0.0
7	544838	1994	5D01669	2.1	1.3	1.0	0.0	0.3	5.6	6.8
8	544839	1994	4Z01110	6.0	2.0	0.6	0.8	0.0	3.4	10.3
9	544843	1994	6N36921	5.2	1.5	1.4	4.6	1.4	N/A	N/A
10	544844	1994	4Z01108	3.8	2.1	1.0	0.0	0.0	N/A	N/A
11	544845	1994	4Z01111	3.6	0.2	0.5	0.0	0.0	N/A	N/A
12	562348	1986	3P73163	28.2	1.8	O/S	4.3	0.9	5.1	N/A
13	573019	1987	3L30974	47.2	30.4	28.0	31.4	N/A	N/A	N/A
14	573092	1987	3L30975	51.5	37.9	29.1	O/S	13.5	N/A	N/A
15	575700	1997	6D94535	4.7	2.1	0.0	3.0	0.0	N/A	N/A
16	575708	1997	6D94458	5.9	2.0	0.4	0.0	0.0	N/A	N/A
17	584067	1988	3U45279	57.9	O/S	49.5	35.0	18.9	34.1	7.1
18	584081	1988	N/A	N/A	N/A	N/A	N/A	N/A	51.7	24.2
19	584082	1988	3T11319	22.3	24.3	24.6	10.8	N/A	N/A	N/A
20	584084	1988	6M50537	36.4	32.5	12.7	O/S	20.1	20.2	N/A
21	590203	1989	3X37372	69.3	51.7	48.8	34.0	32.1	N/A	N/A
22	590204	1989	3X37507	35.7	31.1	25.6	24.1	9.9	20.1	20.0
23	592026	1989	3X37509	35.4	32.4	26.6	18.6	14.5	7.5	11.9
24	590978	1999	5W88538	6.1	1.9	1.7	0.3	0.0	N/A	0.0
25	590979	1999	5W61921	6.2	3.2	1.9	2.0	1.4	3.6	2.6
26	592026	1989	3X37509	35.4	32.4	26.6	18.6	14.5	7.5	11.9
27	594786	1999	6A79133	0.6	0.3	0.0	3.1	2.2	2.0	3.5
28	647755	1994	N/A	N/A	N/A	N/A	N/A	N/A	5.5	4.4
29	652495	1985	6M50535	27.7	19.7	14.7	18.2	N/A	N/A	N/A
30	662498	1986	N/A	N/A	N/A	N/A	N/A	N/A	7.1	8.6
31	671089	1987	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
32	674094	1987	4T28265	53.9	44.0	O/S	35.2	28.1	36.0	18.6
33	675427	1987	N/A	N/A	N/A	N/A	N/A	N/A	26.1	O/S
34	683768	1988	N/A	N/A	N/A	N/A	N/A	N/A	N/A	44.9
35	684080	1988	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22.3
36	691440	1989	6B77172	27.5	22.7	17.2	19.2	14.8	N/A	9.5
37	691453	1989	6A29374	28.9	O/S	23.5	21.2	4.7	9.9	N/A
38	701527	2000	6H90065	10.3	1.8	1.0	2.9	0.0	8.4	6.7
39	701530	2000	6H90058	9.5	3.0	2.7	1.6	0.6	5.5	4.4
40	703860	2000	6A29628	6.9	1.7	1.1	N/A	N/A	8.7	9.3
41	703861	2000	6A29624	9.6	9.6	3.7	3.8	1.2	9.7	8.0
42	703862	2000	6A29464	15.1	3.6	2.1	1.3	0.5	18.7	11.9
43	706893	2000	6A92122	15.3	1.8	0.8	1.8	0.6	5.2	4.7
44	706894	2000	6B78341	4.8	1.4	1.8	2.1	0.0	9.6	7.0
45	708898	2000	6D94534	3.4	2.0	2.9	0.4	0.0	3.9	3.8
46	708899	2000	6D94459	12.5	4.2	3.3	4.1	0.7	9.6	8.9
47	708900	2000	6E85551	15.8	7.1	2.3	2.5	0.7	17.0	12.6
48	718901	2001	6P05175	6.9	2.5	2.5	0.6	0.0	0.0	0.8
49	718902	2001	6P04649	6.7	3.9	0.0	3.0	0.3	4.7	2.9
50	718903	2001	N/A	5.0	2.3	0.9	2.0	0.0	0.0	2.6
51	724859	2002	N/A	N/A	N/A	N/A	N/A	N/A	1.3	1.0
52	724860	2002	N/A	N/A	N/A	N/A	N/A	N/A	0.0	3.0
53	724861	2002	N/A	N/A	N/A	N/A	N/A	N/A	0.8	0.9
54	727179	2002	N/A	N/A	N/A	N/A	N/A	N/A	1.6	1.6

				Diesel Only	Ethos Only	Ethos Only	B20 Only	B20/Ethos	B20/Ethos	B20/Ethos
				8/1/2001	8/22/2001	9/26/2001	10/22/2001	12/13/2001	4/22/2003	7/29/2004
	Unit #	Yr.	Lic #	Opacity %	Opacity %	Opacity %	Opacity %	Opacity %	Opacity %	Opacity %
55	727180	2002	N/A	N/A	N/A	N/A	N/A	N/A	1.6	2.8
56	727181	2002	N/A	N/A	N/A	N/A	N/A	N/A	3.0	2.9
57	727182	2002	N/A	N/A	N/A	N/A	N/A	N/A	2.0	2.7
58	737183	2003	N/A	N/A	N/A	N/A	N/A	N/A	3.3	0.0
59	737184	2003	N/A	N/A	N/A	N/A	N/A	N/A	1.8	0.5
60	737185	2003	N/A	N/A	N/A	N/A	N/A	N/A	2.0	3.1
61	737186	2003	N/A	N/A	N/A	N/A	N/A	N/A	0.0	2.8
62	737187	2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4.7
63	737188	2003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.7
64	740451	1994	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5.0
65	740490	1994	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5.5
66	759781	1995	5U52821	27.6	17.7	O/S	37.0	32.3	67.6	72.6
67	762330	1986	5B68964	29.8	16.1	16.6	21.1	17.7	13.1	15.1
68	762332	1986	5U64581	55.9	28.1	26.1	27.6	26.0	21.6	11.0
69	762485	1986	6M50534	30.5	20.6	22.3	9.3	5.8	14.9	N/A
70	766068	1996	5J19303	13.4	8.0	6.3	0.0	0.2	4.9	3.5
71	770443	1987	3F36974	23.1	N/A	N/A	N/A	N/A	N/A	N/A
72	773120	1987	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
73	773984	1987	4L94276	49.6	41.0	33.0	31.7	26.8	N/A	32.7
74	773991	1987	6H13084	33.8	27.6	O/S	30.9	21.4	N/A	N/A
75	783768	1988	5P39599	41.2	28.3	36.3	39.0	32.1	9.3	N/A
76	784075	1988	3P64352	46.8	22.0	24.4	42.8	38.4	38.3	O/S
77	784078	1988	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13.1
78	790198	1999	3U45822	23.6	15.1	12.3	7.8	3.0	4.9	5.3
79	790202	1989	6N36932	42.8	31.9	35.6	21.9	22.5	19.5	16.2
80	790765	1999	5W88537	18.0	6.2	1.4	5.9	0.0	8.7	8.4
81	790978	1999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.1
82	791445	1989	4F88803	30.8	26.1	24.5	N/A	N/A	15.1	12.7
83	791455	1989	5G48865	13.8	5.9	2.7	7.9	89.9	26.2	36.2
84	799336	1999	5U66528	5.9	4.5	3.8	2.8	1.7	11.3	13.5
85	799337	1999	5U66535	5.1	4.0	2.3	3.0	0.6	10.2	10.1
86	911088	1991	N/A	N/A	N/A	N/A	N/A	N/A	6.8	5.1
87	981003	1999	N/A	N/A	N/A	N/A	N/A	N/A	2.2	3.5
				1269.9	751.4	629.0	616.3	510.0	577.3	598.7
Average Opacity				21.5	13.7	11.6	11.4	9.6	10.1	9.4
Percent Reduction					-37%	-46%	-47.0%	-55.3%	-52.9%	-56.5%

Notes:

1. Initial Opacity test was done 8/1/01 on entire fleet using diesel fuel without treatment.
2. Ethos FR was added to the central storage tank at a rate of 2 oz. per 10 gallons = 12,000 gal.tank diesel treated with 19 gallons of Ethos FR
3. Opacity tests were done on 8/22/01 in order to check fleet performance
4. Ethos FR was added to the central tank weekly through 9/26/01 at the rate of 1 oz. per 10 gallons of diesel.(only to the added weekly fuel)
5. Ending opacity was done 9/26/01 and compared with initial tests.
6. Trucks ran on B20 only from 10-05-01 to 10-22-01.
- 7.Opacity tests were done on 10-22-01 in order to check fleet performance with B20 only.
8. Ethos was added to the central tank on 10-25-01 at the rate of 2 oz per 10 gallons and in the crankcases of six trucks.
9. Opacity tests were performed 10-29-01 for sampling of performance of B20/Ethos combination.
10. Ethos Fr was added to the central tank weekly through 4-22-03 at a rate of 1oz per 10 gallons of diesel (only to added weekly fuel).
11. Ending opacity was done 12-13-01 and compared with initial tests.
- 12.Opacity tests were performed on the entire fleet on 4-22-03 having then used B20/Ethos and having all the crankcases treated for one year.
13. Opacity tests were performed on the entire fleet on 7-29-04 and compared with initial tests in order to check fleet performance.
14. Ending opacity was done 7-28-05 and compared with initial tests.
- 15.Opacity tests were done as per State of California Heavy-Duty Vehicle Inspection Prog. standards utilizing SAE J1667 standard opacity meters.

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

N/A=not available

O/S=out of service

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

47.15% Opacity Reduction

Ethos Environmental, Inc.

Allied Waste Services - Imperial Fleet Opacity Summary

	11/16/2005						2/9/2006	
	Unit #	New Truck #	Yr.	Make	Engine Type	Lic. #	Opacity %	Opacity %
1	151134	002	1995	FORD	N/A	5E16876	N/A	N/A
2	491129	2000	1989	MACK	250 MACK	4R98512	N/A	36.50
3	507621	2400	2000	VOLVO	ISM CUMMINS	7D45444	12.80	1.10
4	507623	2401	2000	VOLVO	ISM CUMMINS	7D45442	5.28	2.10
5	507625	2402	2000	VOLVO	ISM CUMMINS	7D45465	6.85	4.17
6	507627	2403	2000	VOLVO	ISM CUMMINS	7D45441	6.34	2.70
7	507628	2404	2000	VOLVO	ISM CUMMINS	7D44443	6.77	0.87
8	502872	2405	2000	VOLVO	ISM CUMMINS	7D45477	4.20	2.70
9	511105	4000	1991	WHITE/GMC	3208 CAT	5P56374	N/A	N/A
10	511118	2406	1991	PTRB	3306 CAT	6B67674	18.20	9.89
11	511119	2407	1991	PTRB	3306 CAT	6B67672	O/S	24.10
12	511121	2408	1991	PTRB	3208 CAT	6B67675	35.80	14.90
13	511122	2409	1991	PTRB	3306 CAT	6B67677	O/S	38.80
14	511125	2410	1991	PTRB	3306 CAT	5M99029	O/S	O/S
15	511145	2411	1991	PTRB	3306 CAT	5M99192	43.40	N/A
16	534514	2412	2003	VOLVO	ISM CUMMINS	7B73451	1.77	0.00
17	541107	4001	1994	PTRB	L10 CUMMINS	5E82159	4.39	2.58
18	541114	4002	1994	GMC	L10 CUMMINS	9D38001	N/A	4.41
19	681148	3000	1988	PTRB	3306 CAT	5L55990	N/A	N/A
20	651472	3001	1995	PTRB	M11	9D02214	6.14	4.36
21	651474	3002	1995	PTRB	M11	W469676	8.49	4.18
22	659412	3003	1995	VOLVO	L10	6Y37747	20.70	O/S
23	661181	3004	1996	VOLVO	N14	AA84074	4.86	2.47
24	694782	3005	1999	VOLVO	M11	6R98482	6.20	0.00
25	641194	3006	1994	GMC/VOLVO	L10	AB71296	O/S	26.50
26	651446	3007	1994	VOLVO	L10	7S99844	66.40	35.30
27	710000	1200	2001	VOLVO	ISM CUMMINS	6P05760	3.43	2.18
28	710068	1201	2001	VOLVO	ISM CUMMINS	6P05759	2.54	2.44
29	710079	1202	2001	VOLVO	ISM CUMMINS	6U44274	3.08	3.10
30	710080	1203	2001	VOLVO	ISM CUMMINS	6U44273	4.41	3.70
31	751103	1204	1995	VOLVO	BD7 VOLVO	5F68154	1.42	0.00
32	761099	1205	1996	PTRB	3306DI CAT	5P56378	31.90	24.40
33	781101	1206	1998	VOLVO	BD7 VOLVO	6X60118	O/S	6.93
34	740024	1207	2004	WHITE	ISM CUMMINS	7K90101	4.87	2.80
35	761100	1208	1996	VOLVO	L10	6Y37831	74.80	N/A
36	1209	1209	2006	AUTOCAR	ISM CUMMINS	N/A	3.74	2.56
37	1210	1210	2006	AUTOCAR	ISM CUMMINS	N/A	0.00	2.95
38	749378	1211	1995	MACK	ISM CUMMINS	N/A	N/A	N/A
39	991128	004	1989	MACK	ISM CUMMINS	5U49053	23.70	O/S
40	110263	005	1991	IHC	DT465	5W18947	9.34	3.63
41	2414	2414	2005	AUTOCAR	N/A	N/A	3.10	1.98
42	N/A	751215	2004	AUTOCAR	ISM CUMMINS	N/A	N/A	1.18

**Avg. Opacity
Opacity Reduction**

**9.97 5.27
-47.15%**

Notes:

1. Initial Opacity tests were performed **11/16/05** on the entire fleet.
2. Ethos Fr was added at a trate of 3 oz. per gallons of fuel and in the crankcase at a rate of 1 oz per quart of oil in the initial tratment. The ongoing treatment consisted of 1 oz. per 10 gallons of fuel and in the crankcase 1oz. (per quart of oil change).
3. Final Opacity test were perfomed **02/09/2006** on entire fleet.
4. In the evaluation of the results, vehicule # 2411 and # 1208 were not included in the overall test results due to mechanical failures.

71.6% Opacity Reduction

Ethos Environmental, Inc.

Otay Landfill

Fleet Opacity Summary

	TYPE	VIN #	OLD UNIT #	NEW UNIT #	YEAR	OPACITY %	OPACITY%	OPACITY%
						10/22/2003	2/18/2004	4/8/2005
1	D8N W/RIP	9TC4885	1017	5314885	1991	44.9	5.8	10.5
2	836C	7FR00292	1021	5310292	1997	15.5	9.6	2.3
3	836C	7FR00293	1022	5310293	1997	O/S	O/S	7.4
4	826C	087XO1766	1016	5311766	1994	26.4	6.6	8.2
5	627E C/CAB	6GBOO720	1019	5310720	1989	47.3 F/80.6 R	53.0 F/50.6 R	O/S
6	D9N	01JD01123	1391	5311123	1988	12.4	12.1	10.6
7	D9R	ABK00654	296-S	5310654	2002	11.8	7.6	2.9
8	WATER TRUCK	251606	1102	5311606	1998	6.7	N/A	N/A
9	637G	AXTOO302	300-S	5310302	2002	16.7 F/8.9 R	O/S	11.0 F/7.3 R
10	140G	072VI4017	1103	5314017	1991	13.8	0.8	4.1
11	BACKHOE	TO310DG788379	310-D	5318379	1993	19.4	5.6	O/S
12	D8R	7XM02029	7666	5312029	1997	11.1	N/A	5.8
13	D9R	ABK00677	2975	5310677	2001	N/A	8.1	5.8

Average Opacity

24.27

15.98

6.9

Percent Reduction

-34.2%

-71.6%

Notes:

1. Initial Opacity test was done 10/22/03 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 2/18/04 and compared with initial tests.
4. Ending opacity was done 4/8/05 in order to check fleet performance and compared with initial tests.

F=front opacity

R=rear opacity

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

O/S=out of service

N/A=not available