



Gorilla Development LLC

Emissions tests

January 15, 2007

Subject: Garbage truck.

Engine speed 1,500 RPM

Gas	Before	After	Percent change
CO	1.87 - 2.00	0.00	100% Reduction
CO2	2.06 - 2.27	2.00-2.25	Neutral
NOX	230 - 280	185 - 200	15% - 34% Reduction
HC	1 - 2	0.00	100% Reduction
AFR	0.00	0.00	Neutral

January 16, 2007

Subject: F-350 7.3 Liter powerstroke

Baseline

RPM	Idle	1500	2000	Mean
CO	0.01	0.02	0.02	0.02
CO2	1.77	1.77	1.92	1.82
Nox	79	49	70	66.00
O2	21.95	21.31	20.03	21.10
Hydrocarbons	2	2	3	2.33

With Unit

RPM	Idle	1500	2000	Mean	% Reduction
CO	0.01	0.01	0.01	0.01	40.00%
CO2	1.73	2.03	2.1	1.95	-7.33%
Nox	63	53	71	62.33	5.56%
O2	20.35	20.03	20.03	20.14	4.55%
Hydrocarbons	0	0	0	0.00	100.00%