



TORRANCE UNIFIED SCHOOL DISTRICT

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April 11, 1990

Mr. Bruce Collins, Sen. Staff Spec.
Mobile Source Programs
South Coast Air Quality Management Dist.
9150 Flair Drive
El Monte, CA 91731

Dear Mr. Collins,

Due to past citations and letters from your agency, it was apparent that a diligent effort was necessary by our school district to lower emissions from our buses, both gas and diesel.

After investigating various devices and fuel conditioners, we decided to institute a program using Omstar G and D-12BOX Fuel Conditioners based on the City of Los Angeles' eighteen month test program on their Department of Airports' buses.

Baseline opacity tests were conducted January 29, 1990 on our fleet. At that time, we treated each individual bus as well as our underground tanks. On April 9th, we retested these buses to see the effects generated by using Omstar D-12BOX. We are pleased to report that we have achieved an overall reduction of 52% in smoke opacity. Further testing will be done and we will, of course, keep you informed of the results.

I have enclosed copies of tests on three particular buses which have been recently cited. As you will see, bus 862 shows a baseline of 50.3% which of course would warrant a citation. However, we have received a recent citation on this bus which is now reading 15.7% opacity (a 68% reduction) or less than scale one Ringelmann. Bus 1188 originally tested at 36.7 or scale two is now 13.3% (a reduction of 63%). Bus 3759, with a very low 12.7 original test, is now at 4.7% (a reduction of 62%). It is difficult to understand why these vehicles have been cited, especially the latter (3759) which was never illegal from the onset. Any thoughts you could direct to me relating to these buses would be greatly appreciated.

Looking forward to a relationship of mutual cooperation, I am,

Sincerely yours,

Barry Purdy,

Asst. Manager Maintenance/Operations Transportation