



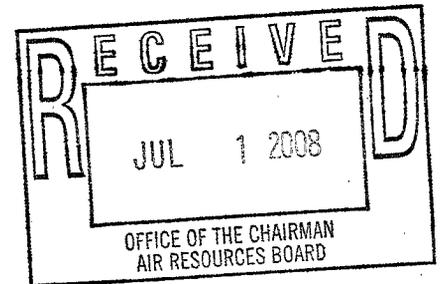
Amy Davis

JUL 2 2008

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Appropriate  
Action

June 26, 2008

Mary Nichols, Chair  
California Air Resources Board  
1001 "I" Street  
Sacramento CA 95812



RE: AB 32

Dear CARB Chair Nichols:

CO2 presents a greater danger in the ocean than in the air. It turns water acidic.

Earlier this month the BBC highlighted a short report on oceanic CO2 sequestering. CO2 causes ocean water to become acidic, damaging sea life. Major oxygen production systems are threatened by this gas, when it dissolves in the ocean.

Walking along the shore at Long Beach, CA, my husband and I spotted a muscel whose shell was thin and green. We thought that odd, but it was similar to the photos of shells of creatures, shown in photographs, in the BBC story. CO2 imbalance presents a clear and present danger to the oceans of the world. If you do not believe reports of foreign governments, or a California native, ask your own dentist what carbonated water (no sugar) does to teeth.

Before reading this summary news item on acidification of the seas, I had great concerns about the damage small particulate pollution does as it thickening blood which can lead to stokes, serious heart and/or lung problems (especially in the young, women and elderly, as their blood vessels are smaller, or in aged, less flexible). The mechanisms that release SPP, are usually Green House Gas identified polluters, too. Polluters should be cleaning up their acts. Paying for Carbon offsets is rather like trying to take credit for investments people like myself have made in improving the environment. We have installed solar.

The City of Solingen Germany has just instituted a program requiring all new or remodeled buildings to include solar. Another example is the Ruhr River Valley, in Germany. It used to be ugly with pollution, sooty smoke stacks and heavy industries. Solar has been

placed on many roof tops, both residential and industrial) and the Ruhr cleaned. It is a lovely area to hike, bike, camp, live, visit and work. Industry remains, in the Ruhr. Now the air looks clean, the buildings have color.

We should have already done that here, instead we play a game of catch-up, and we are loosing.

We need as much clean energy as it is possible to produce. We should have solar charged PHEVs, ASAP. We should have already developed clean efficient transportation options. I rode the express in 1967 from Osaka to Tokyo, the ICE in Germany more recently. American passenger trains are closer to the year 1800 than than what is enjoyed in 2008 in other areas of the world. Train system can use the electric grid to power trains, which makes moderate distance travel (city center to city center) cleaner, and faster. With high speed banked, tracks concrete ties, fused rails and better planned systems trains in Europe and Japan are more comfortable, punctual, and easier to reach than air. The UK (plans for a union-wide high speed rail network were announced earlier this week).

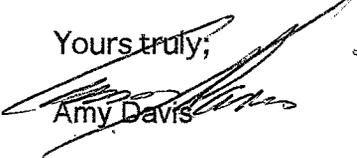
US freight system are just beginning to use concrete ties and fuse rails to improve efficiency at ground level. They need to eliminate crossing conflicts with autos and otherwise work on efficiency. The freight trains see gridlock by 2035, if they can't start making more improvements now.

Trying to piggyback a passenger system on top of the freight system in a fool's game. Freight transit by train is the least polluting and most efficient form of movement of goods we have, freight transportation needs to be supported and improved. Passenger systems west of the Mississippi river are abysmal and piecemeal. Clean, fast, efficient point to point passenger service should have been developed the middle of last century. The longer that is postponed the higher the cost in dollars for real estate, and the greater the loss of environmental quality to the world.

It is time to reverse damage to the oceans and the air as well as set this country back on track. We should be improving our infrastructure, protecting the health of citizens and creating new, exportable products (PHEV cars, trucks, solar films, wind or water driven turbines as examples). Make industries clean up their act. Buying their way into creating more hazards is not acceptable, and it is criminal to allow them to continue polluting without charge.

It is time to accept responsibility and move forward instead of allowing whining bullies to maintain their sloppy, dangerous, and unnecessary Carbon polluting technologies.

Yours truly;



Amy Davis

cc: Sierra Club