

From: Dale Feik <dfeik33@comcast.net>
Date: April 1, 2015 at 4:28:30 AM PDT
To: <Beth.Reiley@state.or.us>
Subject: SB 824 Testimony in support of the bill

TO: Members of the [Senate Committee On Environment and Natural Resources](#)

FROM: Dale Feik, Chair of Air Quality Committee WC CAN, Home address – 3363 Lavina Drive, Forest Grove, Oregon 97116 (503) 357-7555

Please include these comments "for the record" of the hearing on **SB 824**

Dear Chair [Senator Chris Edwards](#) and Members of the Committee:

As the Chair of the Air Quality Committee of **WC CAN**, we realize that many factors are contributing to Washington County's very poor air quality as measured by DEQ's Air Quality monitoring station near Hillsboro Airport. One very important factor is the amount of particulate matter (PM₁₀ and PM_{2.5}) emitted by diesel powered engines:

- Many types and sizes of diesel vehicles;
- Emergency generators for Data Centers;
- Emissions from jets (Intel and Nike and charter jets – the chair of the Hillsboro Airport Roundtable Exchange told me that diesel is the main emission from jets);
- Emissions from manufacturing plants, in particular semi-conductor facilities that emit tons of particulates all with the permits issued to them by DEQ;
- Construction equipment to expand on silica valley roads, buildings, maintenance, etc.

In other words, this bill will be just a start in the measures needed to reduce the amount of particulates in the air caused by diesel exhaust – diesel exhaust has many other very hazardous substances – in particular [benzene \(C₆H₆\)](#) which damages [bone marrow](#). See below.

Businesses that benefit from diesel emissions need to pay for part of the health costs by retrofitting old engines or buying newer much more efficient engines. I only wish that the bill's actions would require a tighter time-line for implementation.

We need to stop being the place where Washington and California, old not-retrofitted owned trucks, are sold!

Please pass SB 828

Respectfully,
Dale Feik

http://en.wikipedia.org/wiki/Exhaust_gas

Sources of Volatile Organic Compounds, 2005

Solvent use					29.0%
On-road vehicles					28.0%
Non-road equipment					19.0%
Other					13.0%
Industrial processes					11.0%

Source: EPA

Hazardous air pollutants (toxics)

Chronic (long-term) exposure to benzene (C_6H_6) damages bone marrow. It can also cause excessive bleeding and depress the immune system, increasing the chance of infection. Benzene causes leukemia and is associated with other blood cancers and pre-cancers of the blood.^{[22][23]}