

**TO:** Members of the House Committee on Healthcare

**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 **HB 3310**, April 1, 2015

**Dear Chair Greenlick & 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 (PM<sub>10</sub> and PM<sub>2.5</sub>) 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 \(C<sub>6</sub>H<sub>6</sub>\)](#) 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 HB 3310...**

Respectfully,

Dale Feik

[http://en.wikipedia.org/wiki/Exhaust\\_gas](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 \(C<sub>6</sub>H<sub>6</sub>\)](#) 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.<sup>[22][23]</sup>