

Citizen scientist report

Your health and the health of your children and pets are the subject of this report. There are no legal or political considerations.



**What is coming out of the smokestacks At
Hollingsworth and Vose**

How does it affect you; your children and your pets

A concern Neighbor

Location

The smokestacks from Hollingsworth and Vose glass manufacturing plants are Located and Releasing fine particles of glass Approximately 250 yards to the Crystal lake sports fields in Willamette Park. The children are doing aerobic exercise in the exhaust plum . And we do not know the concentrations of fine glass particles called PM 2.5

Residential living is even closer To the exhaust stacks in some cases are 100 yards from where the smoke stacks are releasing the 2.5 and smaller of glass particles

Acceptance of fact

The facility at Hollingsworth and Vose is running 24 seven 365 days a year and it will continue in the future to operate.

Reasonable demands for our safety

1. Air quality Testing at Willamette Park sports fields (all year long)!
2. The state of Oregon has a mobile air quality testing facility and this equipment could be used to measure the exhaust plume downwind to give a very accurate understanding for our safety.
3. Emergency warning system be installed to protect us in the event of an unforeseen incident. This is real and very important.

Where can we receive assistance and protection.

1. The DEQ has a responsibility to protect the people. They have the power to order testing and to make the company pay for it. It is noted that Air quality testing has become very (non) expensive in recent years
2. Ourselves! Meeting together and organizing as a neighborhood will give us true power.

3. Our politicians need to step up and we need to inform them. First inform them that we have no power without their help. Second inform them that it is easy to know the truth and (what are the dangers to us).
4. The state of Oregon has a mobile air quality testing facility and this equipment could be used to measure the exhaust plume downwind to give a very accurate understanding for our safety. The governor of our state has the power to order this equipment brought here for testing immediately.

Inversions and plume concentrations

- A. We live at the lowest point in the Willamette Valley because we are next to the river . we have huge concentrations of pollution during Air quality inversions.
- B. A Concentrated exhaust plume Is created downwind from the fiberglass plant and this can cause huge concentrations to people in specific locations and for long a duration of time the plume can be at the same Location.
- C. Google. Particle pollution, air pollution, PM 2.5, and go to the American lung association website for more information.

Who is at risk from the glass particles

Children and anyone who exercise vigorously while in the presence of the glass particles are harmed. And this has been proven scientifically and totally understood for a long time.

Childbearing young women who are exposed during their pregnancy are at the most risk of all because the particles enter the placenta and create birth defect and Difficulties during the pregnancy.

Senior women who have the gene APOE four Have a much greater chance of dementia when exposed to fine particle pollution.

Healthy adults are affected the least amount by the particle pollution but doing aerobic exercise either downwind or during inversion is not healthy

Testing is the answer

Test adWillamette Park.

Test In the neighborhoods.

Downtown Corvallis is greatly affected during inversions and many times is in the downward plume. They need testing.