

How does a crematorium affect children?

1. Excessive Noise

Sound from the crematorium is constant and disruptive to the neighborhood, from 6:45am to 7pm during school days and weekends. This is before, during, and after children are attending school. Gas lines and smokestack output are very loud, exceeding City of Portland residential ordinances: 65 to 70+ dBA

2. Air Quality Concerns

Unmonitored toxins

Visible emissions from the smokestack and contain numerous toxic substances unmonitored by the DEQ or EPA: particulate matter, sulfur dioxide, nitrogen oxide, carbon monoxide, volatile organic compounds.

EPA and Particulate Matter

"The size of particles is directly linked to their potential for causing health problems. EPA is concerned about particles that are 10 micrometers in diameter or smaller because those are the particles that generally pass through the throat and nose and enter the lungs. Once inhaled, these particles can affect the heart and lungs and cause serious health effects ..."

<http://www.epa.gov/pm/>

Vicinity to School

The crematorium is located directly across Vestal Elementary. Visible grey to black smoke containing toxins drift over the school playground during recess.

Odor

Two of our children attending Vestal have complained about strange odors in the air (Geoff's son and my son).