

From: Judy Bonn [REDACTED]
Date: June 5, 2020 at 6:39:48 PM PDT
To: Council <Council@whistler.ca>
Subject: FW: Asphalt Tender bidding and the contract award to the best bidder

Sorry, forgot my address
Judy Bonn
Unit 404 - 1050 Legacy Way
Whistler, BC
V0N 1B1

Sent from my Samsung Galaxy smartphone.

----- Original message -----

From: judybonn [REDACTED]
Date: 2020-06-05 08:31 (GMT-08:00)
To: council@whistler.ca
Subject: Asphalt Tender bidding and the contract award to the best bidder

Hello Jack Crompton and Council!

Please, CONSIDER the health of the people living and visiting CHEAKAMUS CROSSING development. Information for your review below.

Please, REVIEW the presentations to the Council in the past owned by regarding both toxic industrial plants, owned by Frank Silvery.

Thank you!

Judy Bonn

Pollution

<http://www.besafenet.com/Asphalt.pdf>

Asphalt plants mix gravel and sand with crude oil derivatives to make the asphalt used to pave roads, highways, and parking lots across the U.S. These plants release millions of pounds of chemicals to the air during production each year, including many **cancer-causing toxic air pollutants** such as arsenic, **benzene**, formaldehyde, and cadmium. Other toxic chemicals are released into the air as the asphalt is loaded into trucks and hauled from the plant site, including volatile organic compounds, polycyclic aromatic hydrocarbons (PAHs), and very fine condensed particulates.[EPA

Asphalt Fumes are Known Toxins. The federal Environmental Protection Agency (EPA) states "Asphalt processing and asphalt roofing manufacturing facilities are major sources of hazardous air pollutants such as formaldehyde, hexane, phenol, polycyclic organic matter, and toluene. Exposure to these air toxics

may cause cancer, central nervous system problems, liver damage, respiratory problems and skin irritation." [EPA]. According to one health agency, asphalt fumes contain substances known to cause cancer, can cause coughing, wheezing or shortness of breath, severe irritation of the skin, headaches, dizziness, and nausea. [NJDHSS] Animal studies show PAHs affect reproduction, cause birth defects and are harmful to the immune system. [NJDHSS] **The US Department of Health and Human Services has determined that PAHs may be carcinogenic to humans.** [DHHS]

Health Impacts & Loss of Property Value. The Blue Ridge Environmental Defense League (BREDL), a regional environmental organization, has done two studies on the adverse impacts on property values and health for residents living near asphalt plants. **A property value study documented losses of up to 56% because of the presence of a nearby asphalt plant.** In another study, nearly half of the residents reported negative impacts on their health from a new asphalt plant. The door-to-door health survey found 45% of residents living within a half mile of the plant reported a deterioration of their health, which began after the plant opened. The most frequent health problems cited were high blood pressure (18% of people surveyed), sinus problems (18%), headaches (14%), and shortness of breath (9%). [BREDL]

full report in: <http://www.besaferet.com/Asphalt.pdf>

Federal regulation of asphalt plant emissions is inadequate to protect public health.

EPA's emission estimates (AP-42) are inadequate to protect worker health and public health. **Therefore, citizens must join together to protect their communities.** Any county or town faced with an asphalt plant proposal should push for setbacks from residences and community buildings, site-specific health-based air pollution modelling and monitoring, enclosures for load-out zones, and preferably a zero-emissions asphalt plant, with **total** containment of air pollutants.

BLUE RIDGE ENVIRONMENTAL DEFENSE LEAGUE www.BREDL.org PO Box 88 Glendale Springs, NC 28629 (336) 982-2691 BREDL@skybest.com <http://www.bredl.org/pdf/Young&McQueen071004.pdf>

The EPA Worst Source model

The EPA Worst Source model predicts that the acceptable ambient levels (AALs) would be exceeded 1.8 miles (**3000 meters**) from the plant (Attachment C). Arsenic, a toxic heavy metal, would exceed AALs 2.17 miles (3,500 meters) from the plant (Attachment D).

http://www.bredl.org/pdf/comments_LAZ_071023.pdf

Blue Ridge Environmental Defense League

www.BREDL.org PO Box 88 Glendale Springs, North Carolina 28629 BREDL@skybest.com (336) 982-2691