

**From:** [Deborah Agles](#)  
**To:** [DBEDT LUC](#)  
**Subject:** [EXTERNAL] Makakilo Quarry expansion  
**Date:** Wednesday, March 20, 2024 1:36:44 PM  
**Attachments:** [Land.use.quarryexpansion.Makakilo.032024.docx](#)

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Please see attached; this will also be sent hard copy. Thanks, Deborah Agles



**Deborah A. Agles M.D.**

92-1297 Alahoi St.

Kapolei, HI 96707

Email: [DeborahAgles@Gmail.com](mailto:DeborahAgles@Gmail.com)

March 20, 2024

Dear Sir,

I live in Makakilo, and am against the proposal soon to be considered by the LUC concerning the quarry. There are many issues, and I will try to list them in some level of priority. First, this is next to a residential area. It is disfiguring our mountain (quite visible from North-south road), and there is a lot of dust blowing into the homes on this mountain due to inadequate dust containment. Second, expanding this operation to a larger area, to run 24/7, and to extend the lease until 2047 is egregious and doesn't consider the residents in close proximity, and potentially the need for more housing in this area of the growing Second City. The quarry is dusty, noisy, dirty, and blasts are periodically heard. The addition of an asphalt processing plant should NOT occur. Asphalt is toxic and flammable. It produces distasteful odors that some are sensitive to. From the dust and smell alone, these exposures could result in increases in chronic disease such as asthma and lung problems. Also, with the lack of doctors and ER beds, when kids have an asthma flare in the middle of the night from dust or smell, who will care for them?

A quick internet search reveals the following: The two main hazards associated with asphalt are fire and explosion hazards, and health hazards associated with skin contact, eye contact, or inhalation of fumes and vapors. 3. Protective clothing is necessary to protect workers from asphalt burns and irritation. As per OSHA: Over a half-million workers are exposed to fumes from asphalt, a petroleum product used extensively in road paving, roofing, siding, and concrete work<sup>1</sup>. Health effects from exposure to asphalt fumes include headache, skin rash, sensitization, fatigue, reduced appetite, throat and eye irritation, cough, and skin cancer. And, another site states: Asphalt can affect you when breathed in. \* Extracts of certain Asphalts have been shown to cause cancer in animals. \* Asphalt fumes can irritate the eyes on contact. \* Breathing Asphalt fumes can irritate the nose, throat and lungs causing coughing, wheezing and/or shortness of breath.

Lastly, I am a doctor, and on my schedule tomorrow is a patient who was burned in an asphalt plant explosion. He was in the burn unit for 2 weeks, and suffers from long term issues from this event.

For all of the above reasons, a 24/7 rock quarry and asphalt plant have absolutely no place near a residential area. Please DO NOT approve this request.

Respectfully, Deborah Agles M.D.