

A Breath of Fresh Air, Libe



**"Mommy, will
Liberty Quarry
really make our air
cleaner and safer
like they say
in the newspaper?"**

TRUTH UPDATE #4

No, my sweet daughter, and here is why.

Air pollution is a fact whenever and wherever we undertake industrialization. We measure air pollution by the standard of Particulate Matter (PM) in the air we breathe. The major sources of PM are the result of manufacturing operations and transportation. *Quarries are a generator of air pollution based on their manufacturing operation and the transportation of their products.*

Construction that uses aggregate materials is continually changing location. However the quarry that produces that aggregate remains in place transporting (i.e. polluting) over ever greater distances for its extended lifetime. This renders invalid the argument that trucks from the quarry will all be going south thereby reducing truck emission in Riverside County. **If the trucks go north, we get all the pollution from both the quarry AND the transportation.**

Crystalline Silica PM from a quarry is an extreme Public Health risk with EPA limits not to exceed 3 micro grams per cubic meter while 50 micro grams per cubic meter is the EPA limit for general PM. The microscopic PM from quarry operations is the unseen deadly killer.

Liberty Quarry will contribute unacceptable quantities of PM including Crystalline Silica for its lifetime.

Lung disease is the number three killer in America, responsible for one in six deaths. Lung disease and other breathing problems constitute one of the leading causes of death in babies younger than one year old.

Riverside County currently has the third worst microscopic PM (PM 2.5) levels of all counties in the US. There is hardly a day when the current air is safe to breathe. (Google American Lung Association)
What Can Particles (PM) Do to Your Health?

- Death from respiratory and cardiovascular causes, including strokes
- Increased mortality in infants and young children
- Increased numbers of heart attacks, especially among the elderly and in people with heart conditions
- Inflammation of lung tissue in young, healthy adults (Do not exercise outside)
- Increased hospitalization for cardiovascular disease, including strokes and congestive heart failure
- Increased emergency room visits for patients suffering from acute respiratory ailments
- Increased hospitalization for asthma among children
- Increased severity of asthma attacks in children

All of this information is the result of scientific and medical research by the National Institute of Health, The Centers for Disease Control, American Lung Association, and many others whose research has been largely funded by our tax dollars and our generous donations. They are not funded by donations from large corporations. We wonder why?

Spread the word, an informed public is what will save our air quality...and the health of our children.