

## **S & H Logging (Health, schools, Cornell study)**

My name is Tracie Tolbert, address 2400 SW Borland rd

I am a Stafford Hamlet Board Member, Co-President of the Stafford Tualatin CPO, Athey Creek Middle School and Stafford Primary PTSA Member, Parent , property manager to adjacent businesses and Neighbor who will be directly impacted from the proposed S & H logging mining and composting facility.

Impact is defined as a forcible effect, the mining and composting will cause forced effects on my school children, the children that play sports on the field right next to this proposed site, my home, and our livelihood, my neighbors, and the most important all of our health. In the November 2007 Cornell report page 1 refers to this type of composting facility having elevated affects an area 200-500 meters (650-1640ft). <http://cwmi.css.cornell.edu/healthimpacts.pdf>

Cornell University is an American private Ivy League research university located in Ithaca, New York, United States. Founded in 1865 by Ezra Cornell and Andrew Dickson White, the university was intended to teach and make contributions in all fields of knowledge — from the classics to the sciences, and from the theoretical to the applied. These ideals, unconventional for the time, are captured in Cornell's motto, a popular 1865 Ezra Cornell quotation: "I would found an institution where any person can find instruction in any study.

[https://en.wikipedia.org/wiki/University\\_of\\_Cornell](https://en.wikipedia.org/wiki/University_of_Cornell)

Founded in 1865, Cornell is a leading private institution of higher learning located in Ithaca, New York. As the land grant University of New York, it includes four statutory units affiliated with the State University of New York.

<http://www.cornell.edu/>

Who are within this range?

1. My home

2. Businesses such Parr Lumber, Wankers Country Store and business offices, Corner Saloon aka Wankers Corner Saloon, Willamette United Soccer, Blue Reality, Lumber Brokers
3. 2-4 Schools Arbor, Athey creek, Stafford, and Stafford Academy
4. My neighbors
5. Rolling hills Church, Southlake Church, Catholic church on Stafford, and Buddhist temple

How will this impact these entities?

According to the Cornell study bioaerosols will be emitted into the air, these are airborne microbial particles related to composting. They will include as follows:

1. Live or dead bacteria
2. Fungi
3. Viruses
4. Allergens
5. Bacterial endotoxins
6. Toxins
7. Mycotoxins
8. Glucans (which are made from mold)

Scary fact: There are no ambient or occupational exposure limits for bioaerosols in the US. Since there is no limits, monitoring will be nonexistent, especially since the county and state agencies have been very clear they will not be monitoring due to lack of staff and funding.

S & H logging design review information regarding the burms and vegetation to help with noise and smell/air. No height of burm or vegetation will stop air pathogens!

Page 2 of the Cornell report, 2 paragraph, under health effects, it states the noted health effects include <http://cwmi.css.cornell.edu/healthimpacts.pdf>

1. Respiratory symptoms

2. Mucosal membrane irritations
3. Skin diseases
4. Also markers showing immune system response

I am very concerned for my health due to my diagnosis of severe psoriasis. For the record I have factual information about psoriasis from the Nation Psoriasis Foundation which states my condition which is as follows:

Psoriasis is a chronic, autoimmune disease that appears on the skin. It occurs when the immune system sends out faulty signals that speed up the growth cycle of skin cells. Psoriasis is not contagious.

There are five types of psoriasis. The most common form, plaque psoriasis, appears as raised, red patches covered with a silvery white buildup of dead skin cells. Psoriasis can occur on any part of the body and is associated with other serious health conditions, such as diabetes, heart disease and depression.

Psoriasis is the most common autoimmune disease in the U.S. As many as 7.5 million Americans have psoriasis.

<https://www.psoriasis.org/about-psoriasis>

With this stated, having an autoimmune disease which leaves my immune system weak and at risk for infection this facility seals my fate of a laundry list of health problems.

As it states on page 1, second paragraph of the general observation from literature section,

“Many bioaerosols are known to cause symptoms and/or illness, including wide range of adverse health effects and infections.” <http://cwmi.css.cornell.edu/healthimpacts.pdf>

This section below states what an autoimmune disease is and how it affects the body:

Autoimmune diseases arise from an inappropriate immune response of the body against substances and tissues normally present in the body. In other words, the immune system mistakes some part of the body as a pathogen and attacks its own cells. This may be restricted to certain organs (e.g. in autoimmune thyroiditis) or involve a particular tissue in different places the treatment of autoimmune diseases is typically with immunosuppressant—medication which decreases the immune response.

[https://en.wikipedia.org/wiki/Autoimmune\\_disease](https://en.wikipedia.org/wiki/Autoimmune_disease)

Please leave the record open for me to submit my family's medical records.

My son Anthony who is 12 was born with asthma and respiratory problems; he has a nebulizer and inhaler in the home. Was hospitalized for pneumonia and has communication delay

My 5 year old daughter Delaney has asthma issues and was hospitalized with pneumonia, she takes blood pressure medication on a daily basis. His immune system is compromised by the daily medication which leaves her susceptible to other health issues when exposed to the elements with the proposed composting site especially.

Our youngest daughter Maci who just turned 1 was hospitalized with pertussis (whooping cough), we do immunize our children but she was too young to get the vaccine when she contracted pertussis.

<http://www.cdc.gov/pertussis>

The fact we live so close to the proposed site will mean we have constant exposure to the elements, page 2 last paragraph of the Cornell report states the result of a short term exposure test to 17 healthy subjects not working in the wastes but were exposed to the site for 2 hours doing moderate exercise. Changes in their white blood cell counts, an increase in eosinophils were measured.

<http://cwmi.css.cornell.edu/healthimpacts.pdf>

Page 4, second paragraph of the Cornell report

Exposure to bioaerosols can be associated with a wide range of adverse health effects (including contagious diseases, acute toxic effects, allergies and cancer as well as possibly preterm births or late abortions and dermatitis).

<http://cwmi.css.cornell.edu/healthimpacts.pdf>

Dermatitis is in the same family or also known as eczema, below is some factual information and site reference for dermatitis:

There are several different types of dermatitis. The different kinds usually have in common an allergic reaction to specific allergens. The term may describe eczema, which is also called dermatitis eczema and eczematous dermatitis. An eczema diagnosis often implies atopic dermatitis (which is very common in children and teenagers) but, without proper context, may refer to any kind of dermatitis.

In some languages, dermatitis and eczema are synonyms, while in other languages dermatitis implies an acute condition and eczema a chronic one. The two conditions are often classified together.

<https://en.wikipedia.org/wiki/Dermatitis>

Why is dermatitis so important? My 9 year old daughter has spots of eczema on her body daily, as myself with the large plaques of psoriasis.

My family is just one of the hundreds to thousands of people who will forcibly impact from this facility. It is my understanding that there is a serious need for a solution to the composting issues at county possibly state level here in Oregon. Having said this, this facility will not be the solution let alone the answer to the great composting facility need. The Stafford Primary PTSA had a vote with 2 questions "Do we want to get involved with the S & H Logging mining and composting facility? Yes or No if so are you against, in support or undecided?" ALL voted to take a stand and all but one who voted undecided voted AGAINST this proposed facility. Athey Creek PTSA fully supports the Friends of Stafford in this issue.

My suggestion to Clackamas County is to help S & H find a better location in a more rural area.

Thank you for your time and patience

Tracie Tolbert

Stafford Hamlet Board Member

Stafford Tualatin CPO Co-president

Athey Creek and Stafford Primary PTSA Member

[Tracie.tolbert@earthlink.net](mailto:Tracie.tolbert@earthlink.net)

503-984-4337