From:	EBERSOLE Gerald
To:	INAHARA Jill
Subject:	FW: Uroboros and Bullseye Glass
Date:	Monday, March 28, 2016 08:58:02

From: ALSDORF William H **On Behalf Of** DEQINFO
Sent: Monday, March 28, 2016 8:32 AM
To: [AQ] Air Toxics
Subject: FW: Uroboros and Bullseye Glass

From: Elizabeth Steinebach [mailto:esteinebach@statslog.com]
Sent: Monday, March 28, 2016 8:03 AM
To: DEQINFO
Subject: Uroboros and Bullseye Glass

Hello,

I wanted to share some of my thoughts about the air and soil issues around the glass manufacturing plants, in Oregon, but couldn't find where to submit this email specifically, so am sending it generally.

I love stained glass. I love both Bullseye and Uroboros glass. I want to be proud of the work I do with glass and want to know my sources are not being harmful to people or the environment. I've spent time reading your postings on your website and feel that there is much more you can do to help me and others, fully understand about this issue.

My name is Elizabeth Steinebach. I live in rural northern Ontario, Canada. I have been working with stained glass since 1979. This work included sales, repairs and custom work. I have been taught by some of the industries best and have gone on to teach, at a local level. I have worked in studios and privately, learned many advanced techniques and continue to love and learn from this medium.

I have been loosely tracking the news about air and land quality issues, in and around glass manufacturers on the west coast. It harkens back to the 1990's when lead was the issue of the day. I wrote a short piece on the Artists in Stained Glass website and will share some further

thoughts on this matter.

When the news first broke that children were becoming ill and cadmium was a suspect source, possibly from a local glass manufacturer, I was spiritually ill. Was it possible that some of the glass that I use in my work, 1000's of kilometers away, was having a harmful impact to the neighbors of this producer?

Prior to the 1990's studio work was very unencumbered. It was the cavalier time, coming out of the earlier generations when we believed we could do no harm, to others or ourselves. As a woman even then, working in a predominately male environment, it was seen as being weak to want a respirator or gloves. Since the Cincinnati Conference in 1990, our eyes were opened. We could no longer deny the health risks and things changed. Fume traps, safety gear of all sorts, proper disposal and education for clients became necessary. The industry had a huge transition.

Some 25 years later, this current issue appears. Had we become complacent? It just didn't sit well with me. In the AISG post I mention my time living in Toronto, Ontario. There was a huge metal manufacturer, who among other things made lead came. This was is the "poor" side of town, near the upper end of the dock area. They polluted for years. To believe otherwise is ridiculous. As the city of Toronto grew and demand for housing in new suburbs was needed, residential properties encroached the old metal plant. The human population, not keen to have a "stinky" plant in their back yard, soon forced the plant to leave. Some minor clean up policies were in place, on site, but the reality is that anything beyond the plant was not. To this day, when a new condominium, or some other serious disturbance of the soil occurs, all manner of heavy metal toxicity is revealed.

Who now is to blame for this? The sins of the old company may reside as residue, but it was a different time. Did they deliberately pollute and by pass any kind of environmental safeguards? Perhaps, there is certainly anecdotal evidence of companies risking the health of their workers and their neighbors for maximizing profits. Could this be true of every glass manufacturer in the Portland area? Was there some kind of collusion among them? Personally I hope that this is not the case and that they remember they risk the health of their own workers, before it goes beyond their front doors.

When I left Toronto and moved north, it was for the fresh air and sunshine. Yet, since living here, I've found out that I'm about 10 km from an old silver mine and all the residues of it's production. Naturally occurring uranium has a few "hot" spots. 100Km to the north of me, is Sudbury, one of Canada's largest nickel mines. My geology is fraught with known and unknown dangers.

Nobody wants to see harm come to children or the environment. The stained glass industry has learned from past mistakes and has embraced change to better the industry. I do want to know what is going on in the Portland area. And I know that a safe knowledgeable outcome can be achieved that will protect the environment, neighbors of the glass manufacturers and not cause undo hardship on my industry. However fear mongering and wild accusations are not doing anyone service. Transparency is important. Please continue to do good work and keep me informed.

Questions that I would like to have answered are:

What is the health of the actual workers inside the manufacturing plants?

What are the protocols for handling these specifically mentioned materials? At the plant? Disposal?

What is the site history of the manufacturing plant?

Could they have inherited a previous owners residue?

I do not want to be mean spirited, however how thoroughly have the claims of the children, been researched?

Could there be other sites of contamination – a school, or community facility or even locally occurring geological deposits?

Are there going to be public information forums?

Is there an organized local residential group, who might have a hidden agenda?

What are the water samples in the area showing?

Your work has far reaching implications. The stained glass industry is a small one. In my experience we have always pulled together to do the right thing. Thank you.

Elizabeth Steinebach

Stained Glass Artisan

2 Sugar Lake Road

Seguin, Ontario

Canada P2A0B6