

Maywan Krach

From: Maywan Krach
Sent: Thursday, June 11, 2015 8:27 AM
To: Maywan Krach
Subject: FW: Placer Co. Area Plan and Shoreline Adaptation Strategy Action Plan

-----Original Message-----

From: La Notte Wines [<mailto:lanottewines@yahoo.com>]
Sent: Wednesday, June 10, 2015 9:49 AM
To: Lucia Maloney
Cc: Brandy McMahon
Subject: Re: Follow-up: Placer Co. Area Plan and Shoreline Adaptation Strategy Action Plan

Hi Lucia and Brandy,

I have been delayed in the Bay Area and wanted to write both of you with regards to the Placer County Regional Plan. As I have explained to Lucia, I am in the process of procuring research data on the neurotoxin produced by cyanobacteria in Lake Tahoe. The scientist who has made the conclusive link between the neurodegenerative disorders of Parkinsons and ALS is also interested in the epidemiology of the Lake Tahoe Region. Already, there is evidence of the cyanobacter in Lake Tahoe, Boca Reservoir and other local lakes. Given that these diseases have directly impacted my life, I am committed to finding out the degree to which the toxic BMAA is in our water, soil and air systems. Based upon global data that is becoming more mainstream as the environmental link between Parkinsons and ALS is brought to light, TRPA and Placer County cannot afford to contribute to the dangerous and fatal life cycle of this blue-green algae.

Cyanobacter may have been around for millions of years but the increase in neurodegenerative diseases reflect the degradation of our environment such that it has caused the deadly toxin to proliferate. At the moment there is no cure for these diseases. The financial, social and psychological impact upon the community and family systems is horrific. Given that my boyfriend, my college professor and my former boss all have ALS, I can only tell you the following data as evidenced in a myriad of articles and abstracts and first hand experience that:

- 1) There are no safe level of pesticides/herbicides/fungicides. All of them will cause the algae to produce BMAA.
- 2) Any soil disruption which ends up in the lake will cause the proliferation of BMAA by the algae.
- 3) All grey water going into the lake will also diminish O2 which will create BMAA.
- 4) All run off from golf courses, industry, residential and commercial businesses will also create BMAA with the algae.
- 5) Any and all fossil fuels from boats, jet skis, etc will cause BMAA to be produced.
- 6) Another forest fire will also contribute to this deadly neurotoxin growing in our lake.
- 7) Any digging, scraping or moving of soil, whether it be for a building, a bike path, a dock, etc will also end up in the lake thereby causing more BMAA to be produced.

Because of the drought and water scarcity it is my opinion that all plans to disrupt the soil, add chemicals, toxins, grey water to the lake be suspended until another plan is in place to understand and measure the manner in which BMAA bio-accumulates in Lake Tahoe. Any attempts to move forward with any soil disruption and soil pollution will lower dissolved O2 and create more BMAA. I realize that the Tahoe Regional Plan does not discuss these issues but perhaps it would be prudent to suspend any additional actions until the extent of the cyanobacter-BMAA cycles can be properly measured and understood.

Sincerely, Trish