

Analytical Environmental Services  
1801 7th Street  
Sacramento, CA 95811  
Attention: Ryan Sawyer AICP.

February 18, 2017

Dear Mr. Sawyer,

Please consider the following requests for mitigations concerning the Draft EIR for Crystal Geyser's proposed water bottling plant in Mt. Shasta, CA

Response to Crystal Geysers Draft EIR published January 12, 2017

#### **Waste Water Leached on 12 acres**

I recommend that the Crystal Geyser company test the water leached into the 12 acres of leach fields on the proposed project site at depths of 100 and 200 feet for water drinkability. The test results are to be made available to the public. These tests are to be done every year to determine the drinkability quality of the water. The results of the water tests are to be compared to the drinking water used by the City of Mt. Shasta in 2017.

Crystal Geyser is also requested to test a significant number of neighborhood wells which are in closest proximity to the Crystal Geyser leach fields to determine if the leached waste water is contaminating the neighboring wells. The test results will be made public.

The purpose of this testing is to determine if the privately owned relatively shallow wells in the closest proximity to the proposed Crystal Geyser water bottling plant's waste water leach fields, are contaminating privately-owned wells. If so, Crystal Geyser should no longer use the leach fields to dispose of the plants waste water.

#### **Sustainability of underground water**

The Crystal Geyser draft EIR says that the sustainability of the underground water on the project site has not been determined. The recommendation is to determine the sustainability of the underground water by repeated seasonal testing of the shallow and deep wells that are on the project site and in the neighboring private property-owned shallow wells. The repeated tests will give indications of what the water levels are currently and how they change seasonal. The recommendation is that water well testing be done regularly every season every year and that the test results are available to the public. If the water levels drop significantly (mathematically), Crystal Geyser will be required to shut down or slow down their water well output, depending on the amount of water well levels lowering which would be established as mathematically significant or not.

#### **Re-using or recycling waster water produce by the Crystal Geyser plant**

If the water can be tested below the leach fields on the project site, and the quality is good. The recommendation is that Crystal Geyser use the water for use in the project plant to run various water bottling equipment.

#### **Truck traffic road wear on city and county roads**

The truck traffic from the freight trucks (18 wheel semi-trucks) will impact the roads

that the trucks travel to and from the project site plant to Interstate 5. Draft EIR estimated 100 trucks/day. The recommendation is for a study to be done now to have a base line for the condition of the roads to be used by trucks. Crystal Geyser will pay for the study to establish a base line for the condition of the roads currently. Then, in a year another study is to be done to determine the road wear in a year. Cal-trans and City of Mt. Shasta will be given the test results and will determine if road repair is needed on the roads travelled by Crystal Geyser freight trucks and that the Crystal Geyser truck traffic has significantly contributed to the degradation of the roads. If it is determined that there is a need to repaired, then Crystal Geyser will pay for the repair work. The road study results will be available to the public.

**Wastewater treatment disposal**

If the Crystal Geyser plant waste water disposal is expelled into the City of Mt. Shasta waste water treatment plant, and the amount or gallons of waste water concurs an additional expense to the city, Crystal Geyser will pay the fee for the expense of the waste water treatment. Mt. Shasta City will not pay for the added expense of Crystal Geyser's waste water treatment.

Thank you for considering the above recommendations.

Sincerely,

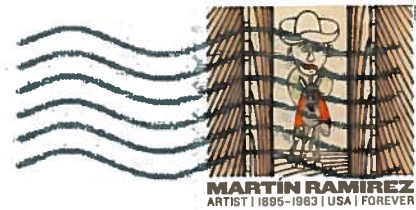


Astor Douglas  
3724 Summit Dr.  
Mt. Shasta, CA 96067  
Phone: 530 926 4208 ext. 304  
email: [astordouglas@shastaabbey.org](mailto:astordouglas@shastaabbey.org)

Douglas, Astor  
3724 Summit Dr.  
Mt. Shasta, CA  
96067

SACRAMENTO CA 957

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Sacramento, CA 95811  
Attention: Ryan Sawyer AICP.

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