

February 14, 2017

Re: DEIR for Crystal Geysers Mt. Shasta Project

I am a homeowner living less than a half mile from the Crystal Geysers (CG) plant. I have concerns for my own home, our high quality water source, for the entire local community as well as for the multitudes living downstream who depend on the clean water that flows from Mt. Shasta.

On Crystal Geysers' website they state that "year in, year out, the aquifer has reliably sustained the Mount Shasta community. Crystal Geysers Water Company is committed to keep it that way: pure, protected, and preserved." I ask merely that CG keep the promises that they have so publicly asserted.

The following outlines my concerns and proposes mitigations that would address the issues.

1. Hydrology concerns:

- Lack of limits on the amount of water that Crystal Geysers can pump. The amount that the company states they MAY pump (on their website) is more than 365,000 gallons per day. This is far more than the previous companies (Danone and Coca Cola) pumped.
- No program is in place to monitor the possible decrease in water levels.

Mitigations:

- Require mandatory daily monitoring of Crystal Geysers wells to test water levels. This includes Dex6, Dex3A, Dex1, and Big Springs.
- Make test results public and easily accessible.
- Monitor residential wells quarterly in the Big Springs Area Groundwater Elevation Study, with Crystal Geysers covering the associated costs.
- Impose enforceable limits (caps) on the amount of water that Crystal Geysers can pump on all present AND future wells.
- Require immediate shut-down or slow-down of pumping if problems are detected.
- Have Crystal Geysers create a designated fund to provide monetary assistance to homes that experience problems with their wells after pumping begins.

2. Waste water/effluent concerns:

- Using the leach field to dump over 100,000 gallons of effluent PER DAY on Deetz 125 soil that is deemed unsuitable for leach fields.
- The combining of effluent “constituents” which as individual elements may not be harmful, but when combined can interact to become “priority pollutants.”

Mitigations:

- Require that as much effluent as possible be recycled to be used in the plant for such purposes as toilets, boilers, coolers, bottling uses, etc.
- Require that all remaining effluent from the plant be disposed of through the Mt. Shasta Waste Water Treatment Plant.
- If the Mt. Shasta WWTP has limits on the effluent that they can accept, then the project should slow down until the plant can be upgraded.
- IF the leach field is used, require that water be rigorously treated, then tested for pollutants prior to being released.

3. Noise and traffic concerns:

- Noise created by the propane generators.
- Truck noise created 24/7 by over 100 trips per day, sounds of trucks idling, beeping of trucks in reverse, sounds of tires spinning in winter conditions. I specifically object to truck noise between the hours of 9 pm and 7 am.

Mitigations:

- Generators should be completely enclosed in the strongest, most soundproof materials possible.
- Require that Crystal Geyser shut down and decommission the generators when the new Lassen substation is up and running.
- Require that Crystal Geyser adhere to the originally stated hours of operation i.e. Monday to Friday from 7 am to 7 pm.
- Provide a designated left turn lane at the intersection of Nixon Road onto Ski Village Drive.
- Require Crystal Geyser to pay for ongoing road maintenance, effective traffic signage and turn lanes for southbound trucks into CGWC Drive.

4. Contaminant/pollution concerns

- The DEIR states that the caretaker can only stay in the caretaker's residence for 40 hours per week due to cancer concerns. Obviously, whatever the "cancer concerns" are will radiate beyond this small area.
- Antimony and other pollutants are created in blow molding/bottle production and in the aseptic plastic bottle rinsing.

Mitigations:

- Require ongoing testing of air quality, effluent and ground to ensure that legal limits are maintained.
- Slow or halt production if legal safety limits are exceeded.

I look forward to having my concerns addressed. Thank you.

Sincerely,



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