

Dear Wyoming DEQ,

As a Wyomingite, environmentalist, & water resources engineer, I would like to raise concern about unanswered questions regarding the discharge permit that is being considered to allow Aethon Energy to dump 8.27 million gallons per day of wastewater into Boysen Reservoir. Maintaining the quality of the water of Boysen Reservoir is very important to me. Do not allow polluted water to be dumped into our lake, rivers, and streams.

I would like the following questions to be answered regarding this permit:

1. What will be the effects of the 8.27 millions of gallon of waste water per day on the sauger & other fish populations?
2. What will be the socioeconomic impacts of this wastewater discharge on downstream communities?
3. What will be the impacts of thermal pollution of the receiving bodies of water?
4. Why won't DEQ monitor and test the water quality quarterly?
5. How accurate is the data of the existing water quality to assess the impacts of this permit?
6. What is the justification for allowing the "grandfathering" of the levels of chloride in wastewater discharge for this permit? What would be the impact of complying with up-to-date water quality standards?
7. How are you ensuring the quality of review of the report provided by Aethon? Why isn't a third-party reviewer being used?
8. Why are the names and amounts of chemicals used in the well drilling and fracking operations not disclosed to the public? How will the public know that these chemicals are not in the wastewater? I would like to see frequent monitoring and testing of wastewater.

Thank you in advance for acknowledging the concerns of Wyoming's concerned citizens.

Ally Patrick