

Brandon Kim 11/17/22

Title: Lake Carcinogen

Engineering Challenge

July 20, 2022

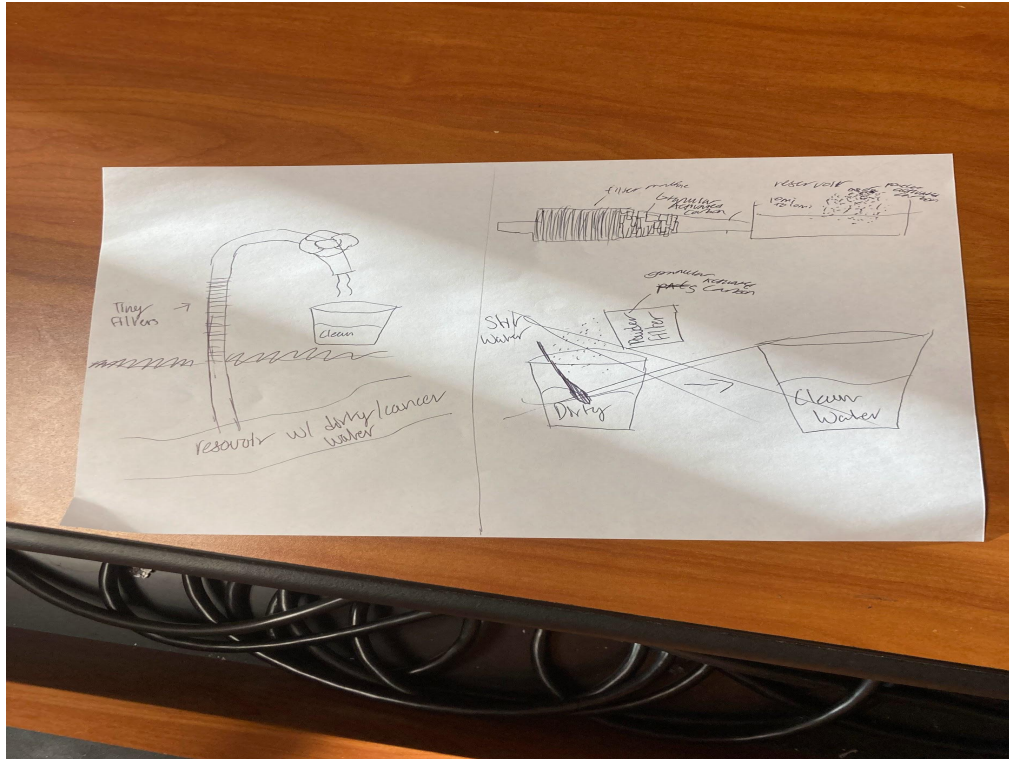
Problem Statement: Write the problem statement in your own words and interpretation. What are you trying to achieve? What is being learned through this challenge?

What is the fastest and cheapest way to get rid of the Bromate in the reservoir. I'm learning how to get rid of bromate in the reservoir quickly and most effectively.

Materials: List the materials given (if any).

Paper and pencil. (filter machine, granular activated carbon, and powder activated carbon.

Approach: Write a description of your plan to achieve the goal of the problem statement. Add drawings/sketches/CADs if possible. First purify the water by powder activated carbon and then run it through granular activated carbon and a filter.



Solution: What is your solution to the given problem? First purify the water by powder activated carbon and then run it through granular activated carbon and a filter.

Analysis: After testing, did it achieve your goal? Either way, what could you have done better? If given more time/materials, what would you do differently? It kind of achieved the goal. I could have done more research and found different ways. I would have used plastic shade balls.

Images:

