



Colorado Science and Engineering Fair

2025 Team Project Abstract Form

Please print 2 copies of the completed form. Sign both copies, keep 1 for your notebook and submit 1 copy to your Regional Fair Director with your other paperwork.

Title of Project: Water's Ways

Team Leader's Name: Lyndee Thomson

Team Member 1: Ryder Pryor

Team Member 2:

School and City: West Grand Elementary and Middle School, Kremmling

Sponsor's Name: Katie DeBell

Category: Environmental Engineering

Division: Junior (grades 6 - 8)

Abstract (250 words or less):

The purpose of this project was to determine through water testing, sponsored by CSU Extension, how the minerals in our water change the longer the water is in the pipes. We hypothesized that the overall mineral content in the water would increase.

This experiment involved using three plastic bottles to take samples of water at the Kremmling Treatment Plant, the Kremmling Mercantile and the Kremmling BLM Office then samples were sent to CSU Lab to be tested. When we got the results, we were able to analyze them to find how the pipes added to the overall mineral content in the water.

The data we collected partially supported our hypothesis. Certain minerals did change, such as boron, phosphorus, zinc and copper. Most of the minerals stayed at the same levels or close.

These findings led us to believe that no matter where you live in town your water stays in the suitable household drinking water range even if your water is in the pipes for longer periods of time.

We hereby certify that the above statements are correct and the information provided in the Abstract is the result of one year's research. We also attest that the above properly reflects our own work.

Team Leader's Signature: _____

Date: _____

Team Member 1's Signature: _____

Date: _____

Team Member 2's Signature: _____

Date: _____

In addition, all students must complete the ISEF Student Checklist (1A), Research Plan, Approval Form (1B), and Checklist for Adult Sponsor (1), and any other ISEF forms required for this type of project. See the International Rules and Guidelines for form requirements. Return COPIES of all of these forms to your Regional Fair Director with your Finalist Verification/Permission Form. **A signed copy of this form must be included in your notebook.**