



**CALIFORNIA SCIENCE & ENGINEERING FAIR
2019 PROJECT SUMMARY**

Name(s) Lidetu Ayalew	Project Number J2103
Project Title Effects of Water Pollution on Radishes	
<p style="text-align: center;">Abstract</p> <p>Objectives The objective of the experiment was to find out how different commonly found contaminants around the world effect a plants (radishes) overall growth after a certain amount of days.</p> <p>Methods Soil, Planters (4), radish seeds, Measuring cup, motor oil, fertilizer, pesticide, graduated cylinder, scale, ruler, and water. I measured the radishes overall health after being watered with the contaminants using multiple measuring methods, such as length.</p> <p>Results The pesticide contaminant effected the radish most negatively in terms of growth, then it was the oil contaminant, afterwards the fertilizer, and lastly the control (water).</p> <p>Conclusions Overall, water pollution does effect plants negatively, especially the pesticide contaminant in my case. This informs people, especially people who own large farms where fertilizer or pesticide leakage is common to be aware of what is in the water they are using for their plants.</p>	
Summary Statement I found out the effects of commonly found contaminants on radishes.	
Help Received Besides purchasing certain materials, like the planters, I conducted the research and experiment by myself.	