

What Happens at Windham Water Works?

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Introduction

- We all rely on water treatment for clean water
- Observations we made in our daily lives and multiple conversations led us to investigate the subject area in more detail
- Focus Question: *What treatment processes does water go through before being used by us?*
- Objective: Educate ourselves and others, specifically high school students, on the inner workings of a water treatment facility

Methods

- Information was gathered through a guided tour of Windham Water Works, which draws water from the Willimantic reservoir
- Following the visit, we created a presentation outlining the water treatment process at the facility in Mansfield Center, CT
- We presented to Environmental Science classes at E.O. Smith High School on December 9th, 2021, and Coventry High School on March 16, 2022

The Take-Away

- Visiting the Windham Water Works water treatment facility and witnessing the process in action gave us insight into local pollution and water quality issues
 - Researching and presenting to the environmental science classes fostered scientific literacy and public speaking skills
- Sharing what we learned allowed us to:
- Educate approximately 50 fellow high school students on how water treatment works in the towns that they live in
 - Increase awareness of, and spark interest in, this important topic



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