



Mentorship

- We collaborated with high school students perusing health science from Pine Island
- Our primary means of communication was using the website Slack.com, a communications channel. There we held discussions and exchanged advice.
- During Field Days, we worked through team building exercises, learned about the local ecosystem, and I presented the workshop activity.

Discussion

- Water quality encompasses environmental and community health.
- Properly solving water quality issues can improve both the community and the environment around it.
- Getting active can be as easy as cleaning up trash in your local watershed
- Legislation at local levels can help improve water quality
- Environment and public health are intrinsically linked. Leadership in communities, whether legislation or volunteers, is important for keeping the environment and the public living in it healthy.

References

*(1) Minnesota Department of Health, Healthy Minnesota Partnership. (2017) 2017 Minnesota Statewide Health Assessment. Retrieved Oct 20, 2020 from <https://www.health.state.mn.us>
 *(2) Stokdyk, J., Firnstahl, A., Walsh, J., Spencer, S., Lambert, J., Anderson, A., . . . Borchardt, M. (2020, April 12). Viral, bacterial, and protozoan pathogens and fecal markers in wells supplying groundwater to public water systems in Minnesota, USA. Retrieved October 28, 2020, from <https://www.sciencedirect.com/science/article/abs/S0043135420303511>
 *(3) Doyle, J. T., Kindness, L., Realbird, J., Eggers, M. J., & Camper, A. K. (2018). Challenges and Opportunities for Tribal Waters: Addressing Disparities in Safe Public Drinking Water on the Crow Reservation in Montana, USA. *International journal of environmental research and public health*, 15(4), 567. <https://doi.org/10.3390/ijerph15040567>

Quality Water Time: How Water Quality Affects Quality of Life

Project Goal

To engage students with water quality topics by creating a water quality workshop that connects students to issues that are current to their home locale.

My Mentorship Pod



Nora



Vihn

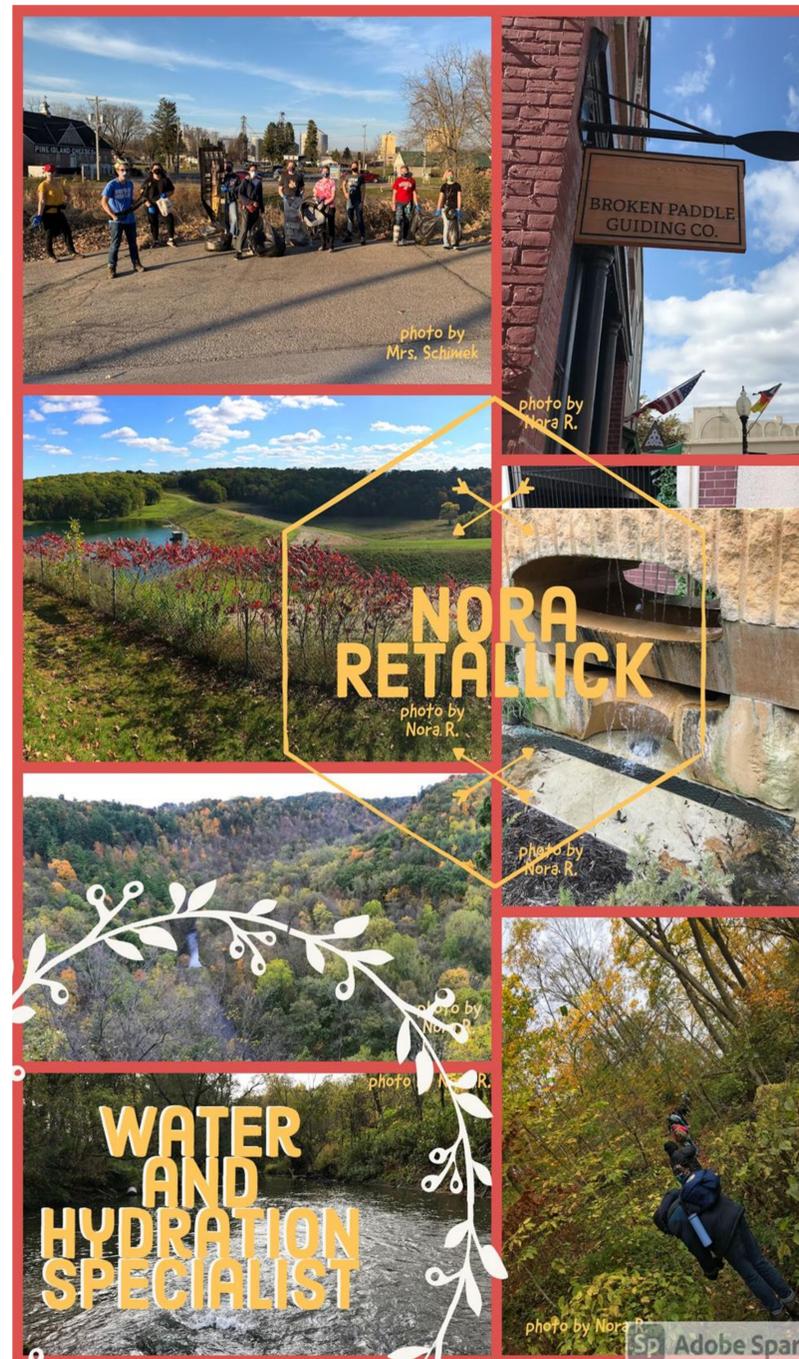


Lauren



Catherine

Check out the Pine Island Ecoliteracy Podcast!



“Click icon or scan with phone’s camera to see my project product: [Water Quality Quiz]”

Public Health Background

- As the Water & Hydration Specialist for the EcoliteracySCHOOL project, I was responsible for designing and facilitating a Water Quality Workshop that would help engage students with water quality and hydration topics.
- South Eastern Minnesota experiences water pollution due to agriculture wastewater, urban and rural runoff, and naturally high arsenic levels (1, 2).
- Educating the population and businesses how maintaining local water quality and how poor water quality affects their lives today is one way we can help fix SE Minnesota water quality issues.
- We could also encourage local and state legislation to take actions to improve local water quality (3).

Project Plans

- For an in-person Field Experience, I facilitated a discussion about water quality, how it effects people, and how it’s relevant in SE Minnesota
- I also demonstrated what a water filtration system could and couldn’t filter
- I compiled the topics into an interactive quiz displayed here