2024 River Watch Forum

Valley-Edinburg High School
Park River Watershed
February 28, 2024

Team/Watershed Overview

Hello! We are the Valley-Edinburg River Watch team - our high school is located in Edinburg, ND which is a small town located on the northern border of Walsh County. Throughout the last decade, we have monitored multiple sites in the Park River basin and we do our best to consistently provide accurate test results for those locations. Things we monitor include: turbidity, dissolved oxygen, conductivity, transparency, pH, recreation, and overall quality of our watershed.
Our team enjoys the work of providing data that helps determine the health of our watershed. We also look forward to continued sampling for macroinvertebrates and simply being out in nature whether it is sampling, canoeing, kayaking, or just visiting our river sites.

Our Team

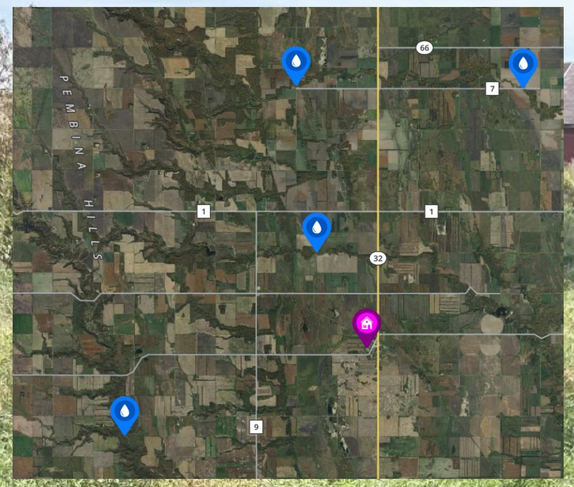
Members:
Calvin Otto
Isabella Moen
Hannah Myrdal
Brady Reilly
Katelyn Hall
Matthew Hamilton
Isaac Feltman
Raelyn Knutson
Ingrid Myrdal
Scarlett Dreger
Claire Braathen

Advisor:
Leslie Fagerholt

Podcast

For our podcast project, we ended up using an iPhone 12 to record the video and audio. After much deliberation about how to best record the podcast (and through trial and error with some outdated equipment), we found that using apps on the iPhone 12 was the most effective method for our team. We relied on the use of iPhone apps for a crisp and seamless appearance.
For our topic, we wanted to showcase that River Watch can be for anybody! Thus, we had a wide range of interviews, education on what we do in River Watch, and a lengthy discussion at the end. We talked about how water can bring us together as a community, how to preserve our rivers, and how River Watch has impacted our lives. Our goal was to not only educate others about River Watch, but we wanted to promote River Watch in the hope to rally more interest in the extracurricular.
The production and recording of the podcast was done by Raelyn Knutson, Katelynn Hall, and Isabella Moen. For editing, we used the software called Capcut. One challenge we faced was gathering equipment; it took us a few days, and as discussed previously, we ended up just using our phones. Some additional challenges were working around different classes, team member schedules, and finding an appropriate time to film.
In the end, we felt success in the fact that we exceeded the minimum time limit for the podcast and felt very proud of the work we created!

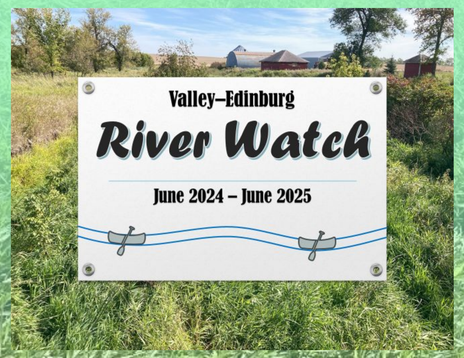
Support and funding provided by:
Support for the **River Watch Program** is provided by the Red River Watershed Management Board, Minnesota Clean Water Fund, Minnesota Pollution Control Agency, Red River Joint Water Resource District, North Dakota Department of Environmental Quality.



River Watch Calendar

For our 2024-2025 Riverwatch Calendar, Hannah and Ingrid Myrdal took pictures at the 2023 Fall Kick-Off, during River Watch sampling on November 21, 2023, and of landscapes local to our area.

Photographer credit is cited at the bottom of the page.



Plans for 2024

Over the next year, the Valley-Edinburg River Watch team plans to consistently monitor the watershed by conducting sampling on the following dates: May 2024, September 2024, October 2024, November 2024, and May 2025
In the fall of 2024, we will also add two new members to our team to replace the seniors that will be moving on from Valley-Edinburg, Calvin Otto and Isabella Moen. These two leaders will surely be missed by all!
In the fall of next year, our team will attend the River Watch Kickoff Event in September, which is an event that we all look forward to. We also plan to schedule a day of kayaking in the Pembina Gorge for our team members.
We truly hope that our assignment displays our passion and commitment to River Watch and our local watershed. Thank you for checking us out!

Sampling Binder

Burrell Bridge

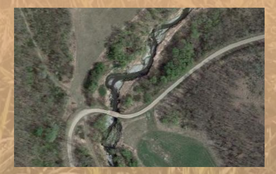
- North branch of the Park River
- N 48.35118 W -97.47044
- Runs parallel to 81st Street
- **Reference Mark-** Middle of the bridge on the south side marked by a black stegosaurus
- The River usually stays dry year-round, there is not much for water other than early spring

Middle Branch of the Park River

- N 48.528504 W -97.889481
- Runs perpendicular to 127th Ave.
- **Reference Mark-** Two feet south of yellow marker on the Northwest corner. Marked with a chiseled square and a black stegosaurus
- The river stays quite dry throughout the year, other than early spring.

Tucker's Bridge

- South branch of the Park River
- N 48.463549 W -97.997515
- Runs along 72nd St. NE
- **Reference Mark-** Chisled square on the northeast corner, upstream there is a black stegosaurus reference point
- The water level stays at a constant low throughout the year



Gardar Bridge

- North branch of the Park River
- N 48.3514 W -97.5421
- The river runs through 127th Ave. NE
- **Reference Point-** Fifth pillar from the north on the west side of the bridge marked by a chiseled square and black stegosaurus
- There is very little water in this river year-round