



GRAND RAPIDS PUBLIC UTILITIES COMMISSION AGENDA ITEM

AGENDA DATE: May 08, 2024

AGENDA ITEM: MN North College – Itasca Student Presentation on Water Treatment Plant Filter Media Project

PREPARED BY: Steve Mattson, Water Wastewater Manager

BACKGROUND:

In an effort to support our local community, GRPU often partners with Minnesota North College – Itasca by providing opportunities for students to work on actual projects for the utility. This spring, four second-year engineering students selected one of our projects as part of their Engineering Design IV course, a class that helps students gain insight into the personal, interpersonal, ethical and professional topics required for success in their education and their profession.

Scott Waara, Kaydence Weimer, Jeremy Chavez Erroa and Tanner Hills worked this past semester on researching different filter media that could be used within our filter operation at the water treatment plant. GRPU was interested to see if there was new filter media technology available that could be utilized in the upcoming WTP Renovation project. The students researched different media options, worked with vendors and other public water suppliers to help find the best available options.

The students will present their research findings at the Commission work session meeting.

Website link: <https://link.edgepilot.com/s/014de8f0/SI0ID-vLY0i2gHerW53z1w?u=https://sites.google.com/view/grpucwaterfiltration>

RECOMMENDATION:

Review and discussion only.