

# 2024 Annual Water Sustainability Fund Report for Project 10059

## Robotic Camera Inspection System

Kyle Liebig

Nebraska Public Power District

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### Project Progress

This is the first annual report. The project has been delayed due to supply chain issues. NPPD originally planned to receive the Robotic Camera Inspection System by the end of 2023. We have received both cameras early in 2024 and are currently specking out an appropriate trailer to store and deploy the cameras from while inspecting. We expect to receive it by May of 2024 and begin using it immediately. We have done several inspections with the crawler camera already, with great success.

It was a hard decision when comparing camera systems to purchase. The crawler camera that was chosen was the only one with a light footprint and a one-man operation. These attributes were big to NPPD for the safety of the employees carrying the camera up and down canal banks. The light footprint was also essential to travel over the muddy material we often have in our system.

Next steps include:

- Receipt of the trailer.
- Project closeout.
- Reimbursement from WSF. We anticipate only one reimbursement request, expected by June 30, 2024.
- Project Closeout report to WSF as required.
- NPPD would like to provide a live demonstration to the Nebraska Natural Resources Commission at a mutually agreeable future NRC board meeting.

### Project Costs

We expect the final cost to be more than the amount submitted in the application, which was \$ 136,487 (WSF portion \$ 81,892). NPPD expects the project to be over the funding budget. NPPD is prepared to make up the difference or seek additional funding from another source. The project completion and operation are not in jeopardy.

### Project Benefits

At this time, we anticipate that the benefits in the application will be realized.