



*Serving Box Butte, Dawes, Sheridan and Sioux Counties*

430 East Second Street \* Chadron, Nebraska 69337 \* Phone (308) 432-6190  
Fax (308) 432-6187 \* [www.unwnrd.org](http://www.unwnrd.org)

---

March 31, 2025

Re: WSF 2025 Spring Report #10041

Dear ,

This letter outlines the annual progress report for the Water Sustainability Fund (WSF) Grant #10041, titled Upper Niobrara White Groundwater Model Update (Model Update). The Model Update is on track to complete the tasks and modeling. The primary tasks that are currently in progress are listed below:

1. Conversion of the Modeling to Modflow 6 – In Progress and 40% Complete
2. Update the Land Use Datasets to Current – In Progress and 65% Complete
3. Evaluation and Update of the Ground Water Model – In Progress and 25% Complete
4. Aquifer Property Evaluation – In Progress and 60% Complete
5. GW Model Recalibration, "Checklist Effort," and Model File Testing – In Progress and 10% Complete

The work is being completed within the project's timeline and we anticipate the entire project will be completed by the end of June 2026.

The total project budget is \$275,000, with WFS contributing \$82,500, the Upper Niobrara White Natural Resources District contributing \$55,000, and the Nebraska Department of Natural Resources contributing \$137,500. To date, the project has spent \$141,666.61.

For additional questions about the project, please get in touch with the project's coordinator, Thad Kuntz, P.G., from Adaptive Resources, Inc., at [thad@ari-water.com](mailto:thad@ari-water.com) or 308-633-2890.

Sincerely,

Patrick O'Brien  
General Manager