



April 7, 2021

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NDNR Projects Director  
Nebraska Department of Natural Resources  
301 Centennial Mall South  
Lincoln, NE 68509

VIA ELECTRONIC MAIL

Re: WSF 2021nbm Annual Report #5218

Dear Mr. ██████████,

This letter outlines the annual progress report for the Water Sustainability Fund (WSF) Grant #5218, titled Western Water Use Management Model Update and Extension (WWUMM Update and Extension). The WWUMM Update and Extension is on track with progress on the modeling. The primary tasks that are currently in progress or have been completed are listed below:

1. North Platte and South Platte Surface Water Modeling – In Progress
2. Reinterpretation of the Brule Formation fractured aquifer system along Pumpkin Creek and Lodgepole Creek - Completed
3. Refinements to the geology and hydrogeology of the Southern Tablelands - Completed
4. Unstructured Grids Ground Water Modeling Update – In Progress
5. Update Modeling with LiDAR Data – In Progress
6. Refinement of Surface Water Land Use; Update and Extend Land Use through 2020 – In Progress
7. Update and Extend the Models through 2020 – In Progress
8. Coordination with DNR modeling staff and documentation of the modeling update – In Progress

The work is being completed within the project's timeline and we anticipate the entire project will be completed by June 2021.

The total project budget is \$400,000, with WFS contributing \$240,000 and the South Platte and North Platte Natural Resources Districts contributing \$160,000. To date, the project has spent \$354,136.25.

For additional questions about the project, please contact 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,

Rod L. Horn  
General Manager SPNRD