

WSF 2025 Annual Report #10070

PROJECT: Lower Platte River Basin Sub Regional GW Modeling
–WSF Application #10070 (awarded August 2023)

DATE: MARCH 31, 2025
(FIRST ANNUAL REPORT DUE ON
OR BEFORE APRIL 1, 2025)

See Application 10070 For Project Scope Summary and Timeline

PROJECT PROGRESS April 2024 TO APRIL 2025:

The WSF Grant Award Agreement for Application No. 10070 was signed by Papio NRD and NeDNR on 08/23/2023. To date, Papio NRD, along with its interlocal partners Lower Platte North NRD, Lower Platte South NRD, and the Nebraska Department of Natural Resources, have selected a contractor (JEO Consulting) to construct the model, aggregated the necessary data, and the contractor has started construction of the model grid and layer properties. There was a slight delay in converting AEM derived hydrogeologic framework data as the Lower Platte South NRD framework wasn't completed before model construction started.

ANTICIPATED ACTIVITIES FROM NOW UNTIL NEXT ANNUAL REPORT DUE APRIL 1, 2026

Model construction will continue with the addition of transient data and initial model runs will be conducted in anticipation of model calibration. The basic structure of the model is completed and the model packages are being created. Work is also being done to assure that the LPMT Regional model and the NRD models run in the expected manner. Model Calibration is currently expected to be finished by October 31, 2025. Final model documentation will be submitted to the Papio NRD before January 1, 2026.

ANTICIPATED CASH FLOW FOR REMAINDER OF THE PROJECT:

The Papio NRD will submit Claim #1 April 2025 for actual expenses accrued through March of 2025. Further claims will be submitted at the conclusion of model calibration and upon receipt of the final model documentation

LIKELIHOOD THAT BENEFITS PROJECTED IN APPLICATION 10700 WILL BE REALIZED:

It is anticipated that all benefits detailed in the WSF application will be realized after completing this project.