

WSF 2021 Annual Report #5303

PROJECT: P-MRNRD and LPNNRD 3D AEM Hydrogeologic Framework –WSF Application #5303 (awarded November 2020)

DATE: MAY 24, 2021
(FIRST ANNUAL REPORT DUE ON OR BEFORE APRIL 1, 2021)

[See Application 5303 For Project Scope Summary and Timeline](#)

PROJECT PROGRESS NOV 2020 TO APRIL 2021:

The P-MRNRD acts as the administrative agent for this project through an Interlocal Agreement with LPNNRD. The P-MRNRD signed a professional services agreement with Leonard Rice Consulting Water Engineers, Inc. (LRE) to synthesize and analyze AEM and other geologic data into a 3D software, Leapfrog. This agreement with LRE was executed in Dec. 2020.

LRE began work in January and has completed data collection and started assembling the 3D model. Results and deliverables are anticipated in Dec. 2021.

ANTICIPATED ACTIVITIES FROM NOW UNTIL NEXT ANNUAL REPORT DUE APRIL 1, 2022

LRE will complete the 3D Hydrogeologic Framework in both the P-MRNRD and LPNNRD. Final deliverables from this effort will be provided in Dec. 2021.

ANTICIPATED CASH FLOW FOR REMAINDER OF THE PROJECT:

The P-MRNRD will submit Claim #1 in June 2021 for actual expenses paid to LRE through May 2021.

LIKELIHOOD THAT BENEFITS PROJECTED IN APPLICATION 5303 WILL BE REALIZED:

It is anticipated that all benefits detailed in the WSF application will be realized after completing this project. This enhanced data produces the geologic layers necessary to run groundwater models of the glaciated geology found in eastern Nebraska.