

WSF 2020 Annual Report # 5193

PROJECT: Characterize the Western Sarpy County Aquifer Using GeoScene 3D –WSF Application #5193 (awarded January 2018)

DATE: APRIL 22, 2020
(FIRST ANNUAL REPORT DUE ON OR BEFORE APRIL 1, 2019)

[See Application 5193 For Project Scope Summary and Timeline](#)

PROJECT PROGRESS APRIL 2019 TO APRIL 2020:

The US Geological Survey (USGS) in cooperation with the Papio-Missouri River Natural Resources District, continues to compile and analyze geologic and chemical data for the aquifer systems in Western Sarpy County. Geologic data has been collected from the Nebraska Department of Natural Resources, the University of Nebraska Conservation and Survey Division, and individual well-drillers that operate in the area, and the wells have been categorized into uniform characteristics. The base of the GeoScene3D geologic framework is complete, and the USGS is focusing on incorporating the geochemical well data and domestic wells into the framework. Preliminary report writing has started.

ANTICIPATED ACTIVITIES FROM NOW UNTIL NEXT ANNUAL REPORT DUE APRIL 1, 2021

The GeoScene project was expected to be built by December 2019 but work on the project was delayed due to the circumstances beyond the PMRNRD and USGS control. The GeoScene project will be complete by August 15, 2020 and report writing will be almost complete by the next annual report.

ANTICIPATED CASH FLOW FOR REMAINDER OF THE PROJECT:

Reimbursement Claims #1 (60% of USGS invoices) was submitted in June 2019 for \$44,220 out of the total WSF funding amount of \$120,000. Claim #2 will be made before June 2020.

LIKELIHOOD THAT BENEFITS PROJECTED IN APPLICATION 4164 WILL BE REALIZED:

Based on discussion with the USGS, the project is on target for achieving the benefits as described in the application.