

WSF 2017 Annual Report # 4125

PROJECT: Secondary Bedrock Aquifer Reconnaissance Sampling in Eastern Nebraska –WSF Application #4125 (awarded April 2016)

DATE: MARCH 30, 2017
(FIRST ANNUAL REPORT DUE ON OR BEFORE APRIL 1, 2017)

See Application 4125 Section D #2 For Project Scope Summary and Timeline

PROJECT PROGRESS APRIL 2016 TO APRIL 2017:

- The US Geological Survey (USGS) in cooperation with the Eastern Nebraska Water Resources Assessment (ENWRA) Natural Resources Districts (NRDs) selected well locations, secured permissions, and sampled 24 targeted wells screened within several secondary bedrock aquifers for age and quality parameters throughout the region. Laboratory analyses for the samples are currently in progress. Two additional wells have been identified for sampling.

ANTICIPATED ACTIVITIES FROM NOW UNTIL NEXT ANNUAL REPORT DUE APRIL 1, 2018:

- Collect samples at two additional wells, compile historical data, analyze current and historical data, interpretation and report writing, disseminate and present findings to stakeholders (ongoing but final report is not expected until late 2018)

ANTICIPATED CASH FLOW FOR REMAINDER OF THE PROJECT:

- Reimbursement Claim #1 requesting **\$40,007** from WSF is being submitted March 30, 2017. The following further reimbursement claims are anticipated: #2 for ~ **\$28,146** on or before June 30, 2018 and #3 for ~**\$28,147** on or before June 30, 2019. At the end of Fiscal Year 19, the project total from WSF (60% of anticipated USGS invoices) will be at **\$96,300** (#4125 Award total).

LIKELIHOOD THAT BENEFITS PROJECTED IN APPLICATION 4125 WILL BE REALIZED:

- Based on preliminary results provided by USGS at recent ENWRA meetings, the project is on target for achieving the benefits as described in the application.