

WSF 2023 Annual Report #10015

Date: March 31st, 2023

Project: Nemaha Natural Resources District (NNRD) Airborne Electromagnetic (AEM) Mapping (Project) (awarded November 30th, 2022)

Project Progress November 30th, 2022, to April 1st, 2023

- Professional Services Agreement made and entered into on February 6th, 2023, between Aqua Geo Frameworks (AGF) and NNRD.
- Preliminary flight lines for AEM data collection have been determined resulting in approximately 312-line miles.
- Down-payment in the amount of \$158,350 (50% of Project cost) sent by NNRD to AGF on March 28th, 2023.

Anticipated Project Activities April 1st, 2023, to April 1st, 2024

- NNRD to submit reimbursement for \$158,350 upon clearing of check submitted to AGF.
- Flight lines for the Project will be finalized.
- AEM data collection to occur between July and August 2023.
- Payment in the amount of \$95,010 (30% of Project cost) to be sent by NNRD to AGF upon completion of AEM data acquisition.
- NNRD to submit reimbursement for the remainder of the WSF 60% grant funds in the amount \$31,670 upon clearing of check submitted to AGF.
- AGF to provide a hydrogeologic framework report to NNRD that will include maps of aquifer(s) materials, map of aquifer(s) materials relationship to current test holes and production groundwater wells, and a map of estimated potential recharge areas in the surveyed area. The report is to include integration of the historical 1,391 line-miles of AEM acquired with the NNRD from 2007-2020. The report will also include all data and metadata files.
- Payment in the amount of \$63,340 (20% of Project cost) to be sent by NNRD to AGF upon completion of the hydrologic framework report.
- Final Project Progress Report to be submitted.