

WSF 2024 Final Report #10015

Date: June 3rd, 2024 (Final Report Due on or Before June 30th, 2024)

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

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

- Professional Services Agreement was 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.
- Downpayment in the amount of \$158,350 (50% of Project cost) sent by NNRD to AGF on March 28th, 2023.

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

- NNRD submitted for 60% reimbursement of \$158,350 to WSF on May 23rd, 2023.
- Flight lines for the Project were finalized at the end of May 2023.
- AEM data collection occurred June 23rd and 24th, 2023.
- Payment in the amount of \$95,010 (30% of Project cost) was sent on June 26th, 2023 by NNRD to AGF upon completion of AEM data acquisition.
- NNRD submitted for 60% reimbursement of \$95,010 to WSF on October 20th, 2023.
- AGF delivered the hydrogeologic framework report to NNRD on March 28th, 2024 which includes the maps of aquifer(s) materials, map of aquifer(s) materials relationship to current testholes and groundwater production wells, and a map of estimated potential recharge areas in the surveyed area. The report also included the integration of the historical 1,391 line-miles of AEM acquired with the NNRD from 2007-2020 and all associated data and metadata files.

Project Progress Activities April 1st, 2024 to June 30th, 2024

- Payment in the amount of \$63,340 (20% of Project cost) was sent on April 9th, 2024, by NNRD to AGF upon completion of the hydrologic framework report.
- NNRD to submit for 60% reimbursement of \$63,340 to WSF on June 3rd, 2024.
- Final Project Progress Report submitted to WSF.