

From: Tyler Weishahn, LBBNRD Assistant Manager

Date: March 20, 2023

RE: 2022 Water Sustainability Fund Annual Report – LBBNRD-AEM1 #10036

A brief timeline of LBBNRD Board action regarding the project in relation to the Water Sustainability Fund:

- June 16, 2022 – LBBNRD Board approval to submit WSF application
- September 20, 2022 – LBBNRD Board approval of FY2023 budget and levy
- December 8, 2022 – LBBNRD Board authorization to enter into WSF agreement
- February 9, 2023 – LBBNRD Board approval to enter into contractual agreement with Aqua Geo Frameworks (AGF)

This report is for the period between notice of award and March 31, 2023.

- 1) Project progress to date for the first report, then progress since the last annual report for future projects, including where you are relative to completing the project.
 - a. Project planning includes flight plans, database development and review of hydrogeologic and geologic work for the flight area.
 - b. Evaluation of existing infrastructure (i.e., power lines, towers/antennas, etc.) for potential interference with project objectives is also being done.
- 2) List project-related activities planned for the coming year.
 - a. Beginning approximately April 2023, the contractor will begin development of the hydrogeologic framework.
 - b. Beginning in July 2023 AEM survey will be flown over the project area with daily status reports of the data acquisition and the following day's flight plan to be included. This should be completed by August 2023.
 - c. The contractor shall process and perform quality assurance/quality (QA/QC) on all of the data collected from the AEM system by August 2023.
 - d. The contractor shall numerically invert the AEM data and derive 2D and 3D electrical resistivity models of the surveyed area. Preliminary inversion work shall be completed by approximately August 2023.
 - e. After completion of the framework, a data publication will be produced with final report to be delivered and then presented at a meeting with the District on or about April 1, 2024.
- 3) Forecast or projected cash flow for remainder of the project. This should be high level, not a detailed list, to give the Commission a projection of the fund's cash flow.
 - a. February 21, 2023 - \$108,000 (WSF - \$64,800 + LBBNRD - \$43,200) check was sent to contractor for 30% down payment of the project.
 - b. August 2023 - \$162,000 (WSF - \$97,200 + LBBNRD - \$64,800) for 45% due upon completion of the data acquisition by the contractor.

- c. April 2024 - \$90,000 (WSF - \$54,000 + LBBNRD - \$36,000) for the remaining 25% due upon delivery of the completed final report by the contractor.
- 4) Reassessment of the likelihood that benefits projected in the application will be realized and, for the "Final Report," a description of benefits realized or reasonably expected to be realized as compared to those stated in their application.
 - a. The contractor is optimizing flight line paths submitted by the LBBNRD and is on schedule to begin data acquisition in July 2023.

List of public outreach and WSF acknowledgement efforts:

- Beatrice Sertoma Club Meeting on July 18, 2022
- Crete Rotary Club Meeting on October 12, 2022
- Beatrice Kiwanis Club Meeting on January 11, 2023
- Roehr's Machinery Growers Meeting on March 2, 2023