

From: Tyler Weishahn, LBBNRD Assistant Manager

Date: March 15, 2024

RE: 2023 Water Sustainability Fund Annual Report – LBBNRD-AEM2 #10061

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

- March 30, 2023 – Submission of WSF Application for LBBNRD-AEM2 #10061
- August 24, 2023 – LBBNRD Board authorization to enter into WSF agreement.
- September 21, 2023 – LBBNRD Board approval of FY2024 budget and levy; Water Sustainability Fund Grant Agreement entered into
- March 14, 2024 – Contractual agreement with Aqua Geo Frameworks (AGF) signed and executed.

This report is for the period between notice of award and March 15, 2024.

- 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 2024, the contractor will begin development of the hydrogeologic framework.
 - b. Beginning in July 2024 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 2024.
 - c. The contractor shall process and perform quality assurance/quality (QA/QC) on all of the data collected from the AEM system by August 2024.
 - 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 2024.
 - 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, 2025.
- 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. April 1, 2024 - \$125,000 (WSF - \$75,000 + LBBNRD - \$50,000) due before May 1, 2024 for 30% down payment of the project.

- b. August 2024 - \$187,500 (WSF - \$112,500 + LBBNRD - \$75,000) for 45% due upon completion of the data acquisition by the contractor.
 - c. April 2025 - \$104,166 (WSF - \$62,499.60 + LBBNRD - \$41,666.40) 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 2024.

List of public outreach and WSF acknowledgement efforts:

- *The Blue Buzz* Lower Big Blue NRD Newsletter