

From: Tyler Weishahn, LBBNRD Assistant Manager

Date: April 10, 2025

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

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

- April 1, 2025 – Delivery of Final Report and Products
- April 10, 2025 – AGF presentation of Final Report to LBBNRD Board and final payment issued.

This report is for the period between March 20, 2025, and the end of the project.

- 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. The project is complete, with final delivery occurring on April 1, 2025, explanation of results to staff occurring on April 8, 2025.
 - b. Presentation of Final Report and deliverables to the Board of Directors by Jared Abraham of AGF occurred on April 10, 2025.
 - c. Final payment to AGF was issued on April 10, 2025.
- 2) List project-related activities planned for the coming year.
 - a. The NRD had already been utilizing preliminary results and data in informing and educating the public.
 - b. Staff continue to reference deliverables for well permitting and development of irrigated acres projects, as well as for understanding potential community wellfield impacts.
 - c. Amid a districtwide moratorium, AEM has been utilized in delineating aquifer formations and management districts, as well as when considering variances to the moratorium.
 - d. The NRD has consulted the AEM data regarding potential future groundwater monitoring sites.
 - e. This study will be instrumental in selecting sampling sites for further understanding nitrate contamination and interaction between groundwater and surface water.
- 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 4, 2024 - \$125,000 (WSF - \$75,000 + LBBNRD - \$50,000) check was sent to contractor for 30% down payment of the project. Claim #1 for WSF reimbursement was submitted April 5, 2024.
 - b. July 12, 2024 - \$187,500 (WSF - \$112,500 + LBBNRD - \$75,000) was sent to contractor upon completion of the data acquisition. Claim #2 for WSF reimbursement was submitted July 12, 2024.

- c. April 10, 2025 - \$104,166 (WSF - \$62,499.00 + LBBNRD - \$41,667.00) 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 benefits projected in the application have been realized, specifically:
 - i. work toward establishing a hydrogeologic framework (bedrock geology, aquifer type and extent, estimated aquifer volume and water in storage, transmissivity, and specific capacity)
 - ii. a more robust understanding of water level declines, groundwater uses and aquifer vulnerabilities spatially
 - iii. augmentation of the District's groundwater quantity and quality monitoring programs (management decisions regarding control areas and recharge areas)
 - iv. siting new test wells and production wells (sustainability and economics)
 - v. siting new LBBNRD monitoring locations.

List of public outreach and WSF acknowledgement efforts:

- *The Blue Buzz* Lower Big Blue NRD Newsletter