

From: Tyler Weishahn, LBBNRD Assistant Manager

Date: March 27, 2026

RE: 2025 Water Sustainability Fund Annual Report – LBBNRD-AEM3 #10088

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

- July 5-6, 2025 – Data acquisition and preliminary data delivery to LBBNRD
- July 17, 2025 – Aqua Geo Frameworks (AGF) presentation of preliminary results to staff

This report is for the period between March 20, 2025 and March 27, 2026.

- 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. Flights and data acquisition occurred July 5-6, 2025.
 - b. Preliminary data delivery to LBBNRD occurred on July 7, 2025.
 - c. Preliminary results presented and discussed with staff on July 17, 2025.
 - d. Interpretation finalized by AGF January 2026.
 - e. Supply water quality and quantity data to AGF and review progress on January 28, 2026.
 - f. Additional water level ground truth data submitted to AGF February 26, 2026.
 - g. 3D model data complete and merged with adjacent projects March, 10, 2026.
 - h. Transmissivity and specific capacity mapping provided March 20-21, 2026.
- 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 domestic and 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. LBBNRD Groundwater Quantity Rules and Regulations revisions were approved to take effect January 1, 2026, and the districtwide moratorium was lifted in three groundwater management sub-areas. The data have been used to help site new wells in those sub-areas.
- 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. May 20, 2025 - \$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 May 21, 2025.
 - b. July 10, 2025 - \$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 10, 2025.
 - c. April 2026 - \$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 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