

Executive Summary
NDR Grant Quarter 23, ending 6/30/2022

Iowa received a grant agreement for \$96,887,177 effective October 11, 2016, with funding appropriated under PL 113-2 and competitively awarded under a Notice of Funding Availability (#1-R-5800-N-29A2) for the National Disaster Resilience Competition (NDRC).

For the twenty-third quarter of the project ending June 30, 2022, 3.5% of project funds were expended, bringing total spending to 91.5% of the award.

Over 100 people, including HUD representatives, attended the Iowa Watershed Approach Celebration & Project Bus Tour on Tuesday, June 14. Located near Vinton, Iowa, a partner meeting was held in the morning, followed by a 5-stop project bus tour in the Middle Cedar Watershed. Stops included visits to three wetlands, one pond, and one grade stabilization structure. Project Engineers from WHKS & Co provided an overview of the constructed practice, and landowners were available to answer additional questions.

Planning Activities: The following planning activities occurred during this period:

- Department of Natural Resources (DNR): Attended quarterly and planning meetings; assisted WMAs with grant requests; experience log and guidebook in final stages.
- Iowa Department of Agriculture and Land Stewardship (IDALS): Closed.
- Homeland Security and Emergency Management Division (HSEMD): Review of loss avoidance projections continue.
- University of Iowa-Iowa Flood Center (IFC): Organized IWA project tour and partner meeting; continued with Phase 2 modeling, program evaluation, and remaining resilience plans.
- Iowa State University (ISU): Held Iowa Watershed Academy event, provided soil erosion and runoff estimates.
- University of Northern Iowa (UNI): Completed expected cost survey; attended watershed and NDR events.

Infrastructure Activities: The following infrastructure activities occurred during the period:

- Municipal Infrastructure: The Cities of Coralville and Dubuque have completed their NDR projects. Work continues in various storm sewer projects in the City of Storm Lake with 95% of construction complete and 95% of engineering completed.
- Watershed Infrastructure:
 - Design and construction of watershed practices continued.
 - 673 watershed completed practices recorded to date, with 140 watershed practices completed in the second quarter of 2022.
 - 27 wetlands
 - 85 terraces
 - 15 stormwater detention basins
 - 346 sediment control basins
 - 1 saturated buffer
 - 3 prairie strip
 - 88 ponds
 - 12 perennial/prairie cover plantings
 - 5 oxbow restorations

- 47 grassed waterways
 - 31 grade stabilization structures
 - 2 floodplain restorations
 - 2 channel bank stabilizations
 - 5 buffer strips
 - 3 bioreactors
- Two watershed project contracts have been extended to later 2022 to allow for proper revegetation of areas disturbed during construction of watershed practices.

Housing Activities:

This quarter, the City of Dubuque completed their work. The City and their Administrator submitted claims on properties in progress in the Bee Branch watershed housing rehabilitation program. In addition to documenting these ongoing projects, they continued to work on application review, inspections, scope write up, and bidding. Home advocate visits continued this quarter and the City continues to track the number of social challenges identified through this effort.