

Executive Summary
NDR Grant Quarter 25, ending 12/31/2022

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-fifth quarter of the project ending December 31, 2022, 3% of project funds were expended, bringing total spending to 98% of the award.

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

- Department of Natural Resources (DNR): Completed WMA Guidebook, continued mapping of implemented practices, provided ongoing WMA assistance.
- Iowa Department of Agriculture and Land Stewardship (IDALS): Closed.
- Homeland Security and Emergency Management Division (HSEMD): Completed final deliverables.
- University of Iowa-Iowa Flood Center (IFC): Completed all Flood Resilience Action Plans and Project Evaluation reports.
- Iowa State University (ISU): Completed final report and all deliverables. Assembled watershed coordinator welcome kits. Modeled yield impacts due to climate change.
- University of Northern Iowa (UNI): Completed final report, case studies of prairie strip projects, interactive map of seed service providers, and seeding survey.

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

- Watershed Infrastructure:
 - The construction of all intended watershed practices was completed in the quarter.
 - 698 watershed completed practices recorded to date, with 22 watershed practices completed in the fourth quarter of 2022.
 - 30 wetlands
 - 85 terraces
 - 15 stormwater detention basins
 - 347 sediment control basins
 - 1 saturated buffer
 - 7 rock chutes
 - 2 riffles
 - 3 prairie strips
 - 92 ponds
 - 13 perennial/prairie cover plantings
 - 5 oxbow restorations
 - 48 grassed waterways
 - 32 grade stabilization structures
 - 6 floodplain restorations
 - 2 channel bank stabilizations
 - 5 buffer strips
 - 3 bioreactors
- The two remaining active watershed contracts of the original eight, completed construction in the fourth quarter and will close in the first quarter of 2023.

Housing Activities:

In the quarter ending December 31, 2022, the City of Dubuque completed their work. The City and their Administrator submitted final claims on properties in progress in the Bee Branch watershed housing rehabilitation program. Home advocate visits concluded that quarter and the City discontinued tracking the number of social challenges identified through this effort.