

FY 2021 NGWMN Projects

Geological Survey of Alabama

(Round 1)

The Geological Survey of Alabama is a current water-level Network data provider. This project is to perform persistent data services work to classify and add surveillance wells to the NGWMN.

Geological Survey of Alabama

(Round 2)

The Geological Survey of Alabama is a current water-level Network data provider. This project is to perform well rehabilitation work on one well. They will be doing a downhole camera survey of the well followed by scrubbing and acid washing. They will complete the work by doing a step-drawdown test to determine aquifer properties for future comparison.

Indiana Geologic and Water Survey

(Round 2)

The Indiana Geologic and Water Survey is a current water-level Network data provider. This project is to add springs to the NGWMN. About 20 springs will be selected for inclusion in the NGWMN and they will set up web services to serve the data for the springs to the NGWMN.

Iowa Geological Survey

(Round 1)

The Iowa Geological Survey is a current water-level Network data provider. This project is to do periodic pumping and slug testing of 5 wells.

Kansas Geological Survey

(Round 1)

The Kansas Geological Survey is a current water-level Network data provider. This project is to provide persistent data services for two years to ensure that data continues to flow to the NGWMN Data Portal and that sites and site information are up to date. They will also drill 2 new wells nests in the High Plains aquifer (2 wells each).

Massachusetts Department of Conservation and Recreation

(Round 1)

The Massachusetts Department of Conservation and Recreation is a current water-level Network data provider through a Cooperative Matching Funds project with the USGS. This project is to update lithologic information and upgrade sites to continuous monitoring.

Minnesota Department of Natural Resources

(Round 1)

The Minnesota Department of Natural Resources is a current water-level Network data provider. This project is to drill 5 new wells at a nested site.

Mississippi Department of Environmental Quality

(Round 1)

The Mississippi Department of Environmental Quality is a current water-level Network data provider. This project is to provide persistent data services for two years to ensure that data continues to flow to the NGWMN Data Portal and that sites and site information are up to date.

Missouri Department of Natural Resources

(Round 1)

The Missouri Department of Natural Resources is a current water-level Network data provider. This project is to do well maintenance at 4 wells and repair one other well and to replace 13 dataloggers and 5 pressure transducers.

Montana Bureau of Mines and Geology

(Round 1)

The Montana Bureau of Mines and Geology is a current water-level and water-quality Network data provider. This project is to fill various data gaps at six wells, drill 2 new wells, and replace continuous monitoring equipment at 20 existing wells.

Nebraska Conservation and Survey Division

(Round 1)

The Nebraska Conservation and Survey Division is a current water-level Network data provider. This project is to provide persistent data services for one year to ensure that data continues to flow to the NGWMN Data Portal and that sites and site information are up to date. They will also do borehole logging at 15 wells to ascertain the condition of the wells and to fill data gaps.

Nebraska Conservation and Survey Division

(Round 2)

The Nebraska Conservation and Survey Division is a current water-level Network data provider. This project is to replace continuous water-level monitoring equipment at 8 sites.

New Hampshire Geological Survey

(Round 2)

The New Hampshire Geological Survey is a current water-level Network data provider. This project is to replace continuous water-level equipment at 20 wells and equip one additional well for continuous monitoring.

New Mexico Bureau of Geology and Mineral Resources

(Round 1)

The New Mexico Bureau of Geology and Mineral Resources is a current water-level Network data provider. This project is to provide persistent data services for two years to ensure that data continues to flow to the NGWMN Data Portal and that sites and site information are up to date. They will also upgrade web services to serve continuous water-level data and purchase water-level monitoring equipment for 21 wells.

North Carolina Department of Environmental Quality

(Round 1)

The North Carolina Department of Environmental Quality is a current water-level and water-quality Network data provider. This project is to drill 3 new wells near the North Carolina-South Carolina boundary.

North Carolina Department of Environmental Quality

(Round 2)

The North Carolina Department of Environmental Quality is a current water-level and water-quality Network data provider. This project is to perform persistent data services, upgrade their water-quality services, and replace continuous water-level monitoring equipment at 12 wells. The upgrade to their water-quality services will allow them to serve all water-quality data that they currently collect. Previous data was limited to pH, Specific Conductance, and Chloride data.

Oklahoma Water Resources Board

(Round 2)

The Oklahoma Water Resources Board is a current water-level Network data provider. This project is to perform persistent data services and to upgrade 19 water-level network sites to continuous monitoring.

Oregon Water Resources Department

(Round 2)

The Oregon Water Resources Department is a current water-level Network data provider. This project is to provide persistent data services, drill a new well to fill a network gap, and replace existing water-level monitoring equipment at 11 wells.

Presidio County Underground Water Conservation District

(Round 1)

The Presidio County Underground Water Conservation District is applying to become a new water-level data provider. This project is to become a data provider in year one and provide persistent data services in year two to ensure that data continues to flow to the NGWMN Data Portal and that sites and site information are up to date.

South Carolina Department of Natural Resources

(Round 1)

The South Carolina Department of Natural Resources is a current water-level Network data provider. This project is to pump seven wells to clear screens and maintain connection to the aquifer and to purchase continuous water-level monitoring equipment to replace aging equipment.

Texas Water Development Board

(Round 2)

The Texas Water Development Board is a current water-level and water-quality Network data provider. This project is to replace continuous water-level monitoring equipment at 13 wells.

Wyoming Department of Environmental Quality

(Round 1)

The Wyoming Department of Environmental Quality is a current water-quality Network data provider. This project is to expand WDEQ wells in the NGWMN. Recently sampled wells and wells in the rest of the state network will be evaluated for inclusion in the NGWMN. Selected sites will be classified and added to the NGWMN.