FY 2020 NGWMN Projects

Geological Survey of Alabama   (Round 2)

The Alabama 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, that sites and site information are up to date. They will also do well maintenance work at five wells that need wellhead repair work.

Arizona Department of Water Resources   (Round 1)

The Arizona Dept of Water Resources (ADWR) 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.

Arizona Department of Water Resources   (Round 2)

The Arizona Dept of Water Resources (ADWR) is a current water-level network data provider. In this project they will evaluate over 300 potential new sites for inclusion in the NGWMN. They anticipate that between 100 and 200 of these wells will be added to the NGWMN. They will also fill site information data gaps by doing GPS work and well depth sounding at 27 wells.

Delaware Geological Survey   (Round 2)

The Delaware Geological Survey is a current water-level and water-quality network data provider. This project will 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.

Florida: St. Johns River Water Management District   (Round 1)

The St. Johns River Water Management District applied to become a new data provider to the NGWMN. This project is to become a new water-level network data provider in the first year of the project, and to provide persistent data services for the second year of the project to ensure that data continues to flow to the NGWMN Data Portal, and that sites and site information are up to date. They expect to add more than 50 wells to the NGWMN in the Floridan aquifer system. Subsequent projects will add wells in other Principal aquifers.

Illinois State Geological Survey   (Round 1)

The Illinois State Geological Survey 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 drill 5 new wells to fill gaps in the NGWMN. Four wells will be in the Sand and Gravel Principal aquifer and one will be in the Silurian-Devonian Principal aquifer.

Illinois State Geological Survey   (Round 2)

The Illinois State Geological Survey is a current water-level network data provider. This project is to do geophysical logging and surface geophysics at two wells proposed for drilling during Round 1.

Indiana Geological Survey   (Round 1)

The Indiana 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 redevelop and well integrity testing on 12 wells. They will also drill two new wells and one replacement well.

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 well integrity testing on four wells.

Maine Geological Survey   (Round 1)

The Maine 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 be adding 10 new NGWMN sites to replace existing sites where data no longer meet NGWMN criteria.

Maine Geological Survey   (Round 2)

The Maine Geological Survey is a current water-level network data provider. This project is to fill any site information gaps in new wells selected for the NGWMN as part of the 2020 Round 1 project.

Maryland Department of Natural Resources   (Round 1)

The Maryland Department of Natural Resources is a current water-level network data provider through a Cooperative Matching Funds agreement with the USGS Maryland, Delaware, District of Columbia Water Science Center. This project is to do update site elevations using GPS data at 4 wells. They will also conduct well integrity testing at 19 wells.

Maryland Department of Natural Resources   (Round 2)

The Maryland Department of Natural Resources is a current water-level network data provider through a Cooperative Matching Funds agreement with the USGS Maryland, Delaware, District of Columbia Water Science Center. This project is to do borehole camera surveys and depth measurements at 6 wells and well integrity testing at 12 wells.

Minnesota Pollution Control Agency   (Round 1)

The Minnesota Pollution Control Agency is a current water-quality network data provider. This project is to drill 5 new wells in the Cambrian-Ordovician aquifer system to fill gaps in the NGWMN.

Minnesota Department of Natural Resources   (Round 2)

The Minnesota DNR is a current water-level network data provider. In this project they will drill 25 new wells to fill gaps in the NGWMN. Four of the wells will be deep bedrock wells in the Cambrian-Ordovician aquifer and the other 21 wells will be shallow wells in unconsolidated sediments throughout Minnesota.

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 one year to ensure that data continues to flow to the NGWMN Data Portal, and that sites and site information are up to date.

Mississippi Department of Environmental Quality   (Round 2)

The Mississippi Department of Environmental Quality is a current water-level Network data provider. This project is to do gap filling by populating lithology data from well logs at 46 wells and well maintenance involving new shelters and well covers at 7 wells.

Missouri Department of Natural Resources   (Round 1)

The Missouri Department of Natural Resources is a current water-level network data provider through a Cooperative Matching Funds agreement with the USGS Central Midwest Water Science Center. This project is to remove an obstruction from an existing NGWMN well.

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 drill two wells to replace an existing shallow NGWMN site with a well nest in the Northern Rocky Mountains Intermontane Basin aquifer near West Yellowstone.

Nebraska Geological Survey   (Round 1)

The Nebraska 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 a new well to fill a gap in the High Plains aquifer.

New Hampshire Department of Environmental Services   (Round 1)

The New Hampshire Department of Environmental Services 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 do well maintenance at a site to protect the well from winter freezing. They will also drill three NGWMN replacement wells.

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 one year to ensure that data continues to flow to the NGWMN Data Portal, and that sites and site information are up to date.

Ohio Department of Natural Resources   (Round 1)

The Ohio Department of Natural Resources is a current water-level network data provider through a Cooperative Matching Funds agreement with the USGS Ohio-Kentucky-Indiana Water Science Center. This project is to do well integrity testing at 60 wells.

Oklahoma Water Resources Board   (Round 2)

> The Oklahoma Water Resources Board is a current water-level network data provider. This project will 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 add 43 new water-level sites and 10 new water-quality sites to the NGWMN. They will do borehole camera surveys to determine lithology at 25 wells and will do well integrity testing on the same 25 wells. They will also drill three new wells to fill gaps in the Rush Springs aquifer.

Texas Water Development Board   (Round 1)

> The Texas Water Development Board is a current water-level and water-quality 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.

Utah Geological Survey   (Round 1)

> The Utah Dept Natural Resources is a current water-quality network data provider. This project will 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 update their web services to better serve data from a recently updated agency database to the NGWMN data portal.

Washington State Department of Ecology   (Round 1)

> The Washington Department of Ecology is a current water-level and water-quality 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, that sites and site information are up to date. They will also add approximately 40 wells to the NGWMN to fill data gaps.

Wisconsin Geological and Natural History Survey   (Round 1)

> The Wisconsin Geological and Natural History Survey is a current water-level network data provider through a Cooperative Matching Fund agreement with the USGS Upper Midwest Water Science Center. This project is to perform well maintenance activities that will include well integrity testing at 12 wells. They will also drill three NGWMN replacement wells and eight new wells to fill NGWMN data gaps in the Glacial and Cambrian-Ordovician Principal aquifers.