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ADVANCED SCIENCE AND PARTNERSHIPS FOR
INTEGRATED RESOURCE DEVELOPMENT PROJECT

WATER SUPPLY IMPROVEMENT PROJECT IN ARATASHEN COMMUNITY



The new pumping station built in the community, equipped with high efficiency pumps and the chlorination station.



The community took over the trenchwork. On the photo, the residents helping to backfill the trenches.

The USAID Advanced Science and Partnerships for Integrated Resource Development (ASPIRED) Project, partnering with the USAID-funded Participatory Utilization and Resource Efficiency of Water (PURE-Water) Project, completed a series of community-wide water supply improvements in Aratashen community, Armavir region.

Project details:

- The new pumping station and chlorination station has been built
- All the piping in the distribution network has been replaced with high quality, corrosion resistant, polyethylene pipes to eliminate leakages in the network
- The community converts to the consumption-based water metering system to ensure that consumers use water more efficiently.

The project will ensure 24-hour (instead of previous 5 hours) water supply in the community, with water meeting required sanitation norms. The improvements will also result in significant water and energy savings and better cost recovery of the water supply service due to consumption-based billing and collection.

Aratashen community was a reliable partner in the project and took over the trenchwork, as well as purchase and installation of water meters.

Project Indicators:

- **Groundwater saved – 557,000 m³/year**
- **Energy saved on pumping – 204 MWh/year**
- **Beneficiaries – 480 households, 2700 people.**
- **Partners: USAID PURE-Water Project and Aratashen community**

The ASPIRED Project works to curb the rate of groundwater abstraction in the Ararat Valley to sustainable levels. The Project assists the Government of Armenia in developing policy and technical solutions for a more regulated use of these vital resources. ASPIRED focuses on closing data gaps, improving technical capacities and tools for informed decision-making, increasing access to innovative water conservation and energy efficiency technologies, and promoting regulatory and enforcement mechanisms. See <http://www.aspired.wadi-mea.com> for more information.