Real-Time THM Data Support Gilbert's Commitment to Water Quality

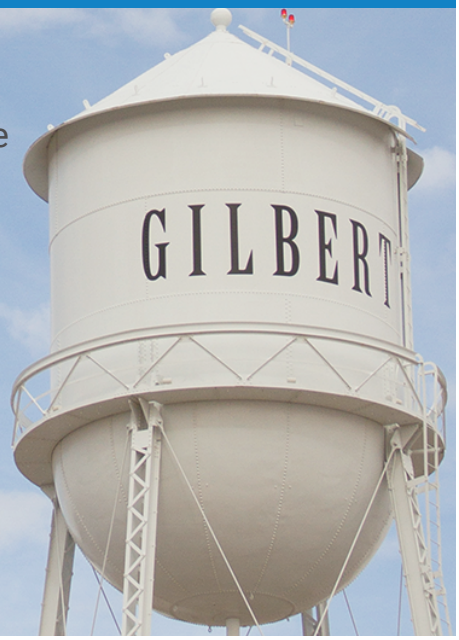
GILBERT, ARIZONA, USA

The town of Gilbert, Arizona, has been using high-frequency real-time THM data from **AMS' online THM-100™ analyzer** since October 2017 to manage DBPs within its extensive network.

POPULATION **267K+**

7 ANALYZERS ONSITE

MONITOR **30+ MGD**



Gilbert, Arizona, serves a population of more than 267,000 and maintains a network of two surface water treatment plants, 16 water storage reservoirs and 18 groundwater wells.

The town continuously monitors and analyzes water quality parameters to help optimize its treatment plant operations, manage reservoir water quality, and guarantee that safe drinking water is produced.

Since October 2017, Gilbert has been using real-time THM data from AMS online THM analyzer to manage disinfection byproducts (DBPs) within its extensive network. The online THM-100™ analyzer has acted at the brains of the THM remediation efforts in place across Gilbert's reservoirs and pumping stations, providing operational certainty that the town did not have before.

The high frequency of reliable and accurate THM data from the THM-100 analyzer has enabled the town to develop a fully automated air stripping and aeration system because it provides rapid assessment of the impact of ever-changing THM levels and validation of the remediation process. Most importantly, the real-time THM data has helped Gilbert optimize its aeration process, achieve DBP compliance and ensure public safety.

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