

RESOLUTION NO. R17-15

A RESOLUTION OF THE COUNCIL OF THE CITY OF GLENDALE, MARICOPA COUNTY, ARIZONA, AUTHORIZING GLENDALE'S PARTICIPATION IN THE PHOENIX SPONSORED MULTI-CITY SINGLE FAMILY WATER USE STUDY TO ASSESS CHANGES IN RESIDENTIAL WATER DEMAND.

WHEREAS, the City of Glendale has been asked to participate in the multi-city single family study funded by the Arizona Department of Water Resources and sponsored by the City of Phoenix Water Services Department that will investigate existing water use and project future changes in water demand and wastewater generation associated with single family homes of different age, size, landscape type, and geographic location; and

WHEREAS, the study will focus on what factors have an impact on single family water use and wastewater generation, and will provide important data that can be used to tailor conservation strategies, estimate how changing service demands will affect infrastructure distribution and collection networks and treatment plants, and project future water resource needs; and

WHEREAS, the City of Glendale Water will collaborate with staff from the City of Phoenix, City of Chandler and Town of Gilbert, and Aquacraft of Boulder, Colorado to choose a sampling strategy, undertake a study of identified homes, and then produce a report that meet the objectives of the four municipalities and ADWR; and

WHEREAS, the study will entail the installation, retrieval, and downloading of data from data logging devices for two week periods that will track water use in the selected sample of homes in a more refined degree than conventional water meters; and

WHEREAS, City of Glendale staff will install, retrieve and download data from these logging devices and provide historical data on water use for the selected samples and for the larger single family customer base; and

WHEREAS, the City of Glendale staff will also examine aerial imagery of selected homes and assign codes for the homes that represent general type of landscape and identify certain types of attributes, which will have an impact on outdoor water.

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF GLENDALE as follows:

SECTION 1. That it is deemed in the best interest of the City of Glendale and its citizens that Glendale participate in the City of Phoenix-sponsored water use study, as the study will further our understanding of changes in residential water demand; and

SECTION 2. That the City Council approves the City's participation in said study by contributing certain in-kind services, including collecting and analyzing water use data; and

SECTION 3. That the City Manager's designee be authorized and directed to forward a letter to the City of Phoenix to confirm Glendale's participation in said project.

PASSED, ADOPTED AND APPROVED by the Mayor and Council of the City of Glendale, Maricopa County, Arizona, this 28th day of March, 2017.

Mayor Jerry P. Weiers

ATTEST:

Julie K. Bower, City Clerk (SEAL)

APPROVED AS TO FORM:

Michael D. Bailey, City Attorney

REVIEWED BY:

Kevin R. Phelps, City Manager