



RESPONSE TO PHOENIX AMA GROUNDWATER MODEL

CITY OF BUCKEYE



KEY TAKE-AWAYS

Buckeye's water future is secure.

Current residents and businesses have a guaranteed 100-year assured water supply.

Already approved housing development will continue to grow in Buckeye for at least the next decade.

No impacts to commercial or industrial developments not subdivided into six or more lots.

HOUSING & ECONOMIC DEVELOPMENT

ADWR has issued CAWS for residential development to continue building in Buckeye with:

- 23,000 single-family units in the pipeline
- 5,900 multi-family units underway or pending (do not require CAWS)
- An increase in population of 92,000 at the rate of 3.2 people per household (US Census)

Arizona's future and economic success as a leader in emerging industries & high-tech manufacturing cannot be accomplished without cities like Buckeye:

- Most emerging industries & high-tech manufacturing companies require mega-parcels in excess of 500 acres
- Buckeye and similar cities are key locations with available land
- With a 2030 population estimate of 186,500, Buckeye will have the workforce and customer base to support new business growth over the next 10 years



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BUCKEYE WATER FACTS

Buckeye pumps 30,000-acre feet of water from a waterlogged area near our downtown to prevent flooding to surrounding areas:

- This water is considered poor quality and would require expensive treatment options to meet drinking water standards
- ADWR does not include this water in any of their models

As agricultural land is converted to other uses, the amount of groundwater pumped will be reduced significantly.

Buckeye is a member of the Central Arizona Groundwater Replenishing District and is required by law to replenish the aquifer with every drop that is pumped out by development.

Buckeye is awaiting ADWR to approve the purchase of nearly 6,000 acre-feet of water a year from the Harquahala Valley. This water can be used to replenish aquifers and/or provide drinking water for new customers.

BUCKEYE'S WATER FUTURE

Over the next few years, Buckeye will be adopting additional citywide water management policies including:

- The Integrated Water Master Plan (IWMP) which expands on the existing 2020 plan and updates the infrastructure layout of the city
- Conservation codes and our Drought Management Plan were updated in 2021

Buckeye is actively evaluating the establishment of a Designation of Assured Water Supply (DAWS) in all or part of the city's water service area.

Buckeye continues pursuing advanced water treatment facilities.