



# WATER UTILITY HIGHLIGHTS

JULY 2024

## Madison Water Utility Makes Progress on PFAS Treatment Facility at Well 15



Promising construction progress has been made since the official Well 15 Treatment Facility construction groundbreaking back in May 2024. As many are aware, Well 15 was shut down in 2019 due to PFAS contamination concerns; after nearly five years of being offline, these images provide a cheerful reality that Well 15 will indeed be operational *soon!*

Informed by community input throughout the planning process, Madison Water Utility opted for a hybrid PFAS treatment system at Well 15 that utilizes granular activated carbon (GAC) and ion exchange (IX) resin. GAC will remove PFAS (and other volatile organics) while IX will reduce concentrations of short-chain PFAS. This treatment is expected to remove all PFAS down to a non-detectable level.



The chosen technology – granular activated carbon (GAC) with ion exchange (IX) – comes in the form of large vessels containing media that will remove PFAS and at least two other volatile organic compounds (VOC) from the water pumped at Well 15.

In order to install four large tanks (two IX tanks and two GAC tanks), it was necessary to remove the roof of the building. Construction cranes are used to transport and position each tank within the limited space

available at the existing Well 15 facility. For this reason, additional modifications to the interior of the building are needed to accommodate the four new large IX and GAC media-filled tanks.

The PFAS treatment at Municipal Well 15 highlights Madison's commitment to providing safe, high-quality water to our community. The expectation is for the PFAS treatment system to be operational by next summer (2025).