



City of Maricopa Fire & Medical Department

Hydrant Flushing IGA's
Global Water
Maricopa Domestic Water





Hydrant Flushing Importance

- Required by the National Fire Protection Agency (NFPA 25).
- The NFPA Standard requires all hydrants to be exercised, flushed and tested annually .
- Ensures proper operation of fire hydrants.
- Flushes system of sedimentation that has built up.
- Gives crews the chance to familiarize themselves with the locations of hydrants, as well as ensuring accessibility to the hydrants is available.
- Partnership with Global Water has been a great asset in the departments higher ISO rating.





Maricopa Fire & Medical Department / Global Water Hydrant Flushing IGA

- Prior to 2017, the Maricopa Fire & Medical Department had an informal agreement that allowed department crews to check on Global Hydrants in a limited fashion.
- Beginning in 2016, Global Water revamped its program to where they flushed all hydrant loops which fall under their responsibility. This program has been expanded to now flush, check and repaint each Global Water fire hydrant.
- With the formalization of the Hydrant Flushing Partnership Agreement, Maricopa Fire & Medical crews are now able to jointly (along with Global Water) check and flush (with minimal water loss) all hydrants under Global Water's responsibility and to share data relating to the program.





Maricopa Fire & Medical Department / Maricopa Domestic Water Hydrant Flushing IGA

- The Maricopa Domestic Water IGA differs from the Global Water.
- Primary difference is that Maricopa Domestic Water will exercise and flush all hydrants under their responsibility and Global Water is working in partnership with the fire department.
- Maricopa Domestic Water has agreed they will perform these tasks on an annual basis and provide all data and information pertaining to flushing and hydrant functionality to the fire department.
- Maricopa Domestic Water has extended the offer for fire & medical crews to go out and in collaboration with water company personnel to perform hydrant flushing and testing.





What's Next For The Maricopa Fire & Medical Department and Fire Hydrants in the City?

- Continue to collaborate with Global Water to identify all private and public hydrants in the city.
- Work to identify all private fire hydrants and work with customers to fully understand their responsibilities relating to their private hydrants.
- Assist customers in establishing annual maintenance schedules, record management and data sharing relating to private fire hydrants.





What's Next For The Maricopa Fire & Medical Department and Fire Hydrants in the City?

- Continue to gain better understanding of the entire hydrant system in the city.
- Expand the Global Water IGA to include fire hydrant flow testing (meeting NFPA 291 recommendations) due to it directly impacting the city's ISO rating and future accreditation for the department.
- Continual updating of all hydrant information because of its importance in daily fire department operations and planning.



Questions?

