

MISSOURI's Area-Wide Optimization Program

EPA R6/7 AWOP Multi-State Quarterly Meeting TCEQ - Austin, Texas

Maher Jaafari, PhD, P.E.

Public Drinking Water Branch

Chief, Infrastructure Permits and Engineering Section

AWOP Supervisor



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2019 Highlights – RARE Program

EPA's Regional Applied Research Effort (RARE)

Program: DBPs study

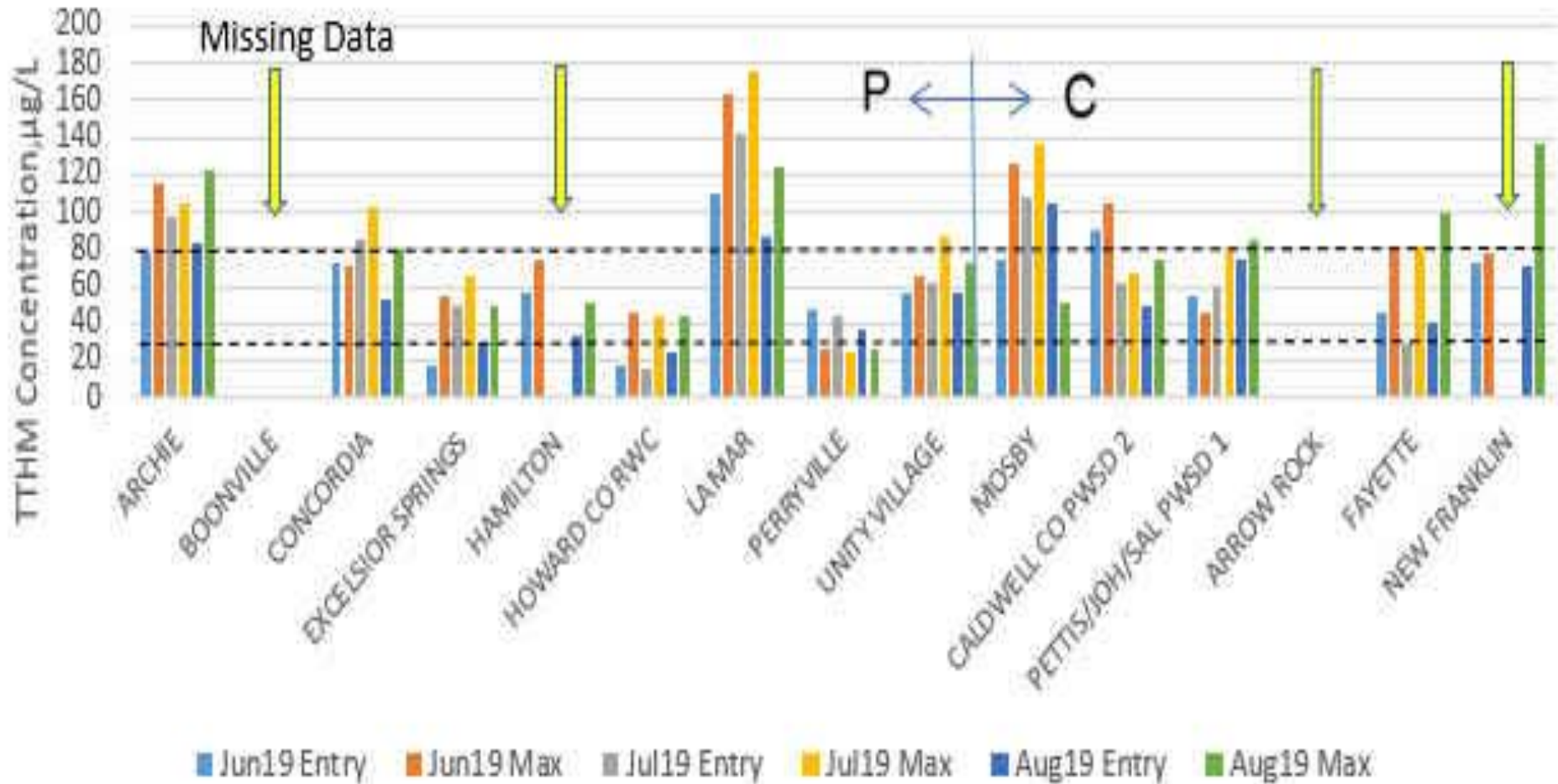
- EPA R7 was approved for funding to study Community Water System (CWS) in Missouri with health-based violations (i.e., DBPs.)
- Kickoff held in January 2019 (EPA R7 and MDNR)
- 30 CWS were invited to participate in the study (March 2019)
- 15 agreed to participate: 9-Parents and 6-Consecutives.
- 2nd meeting held in Feb. 2019 (EPA TSC, R7, and MDNR)
- 3rd meeting held in May 2019 to established sampling plan.
- Sampling Collections took place in June-August, 2019.
- EPA Contracted Lab analyzed less than 90 samples using method 524.2



DBPs Study TTHM Sample results

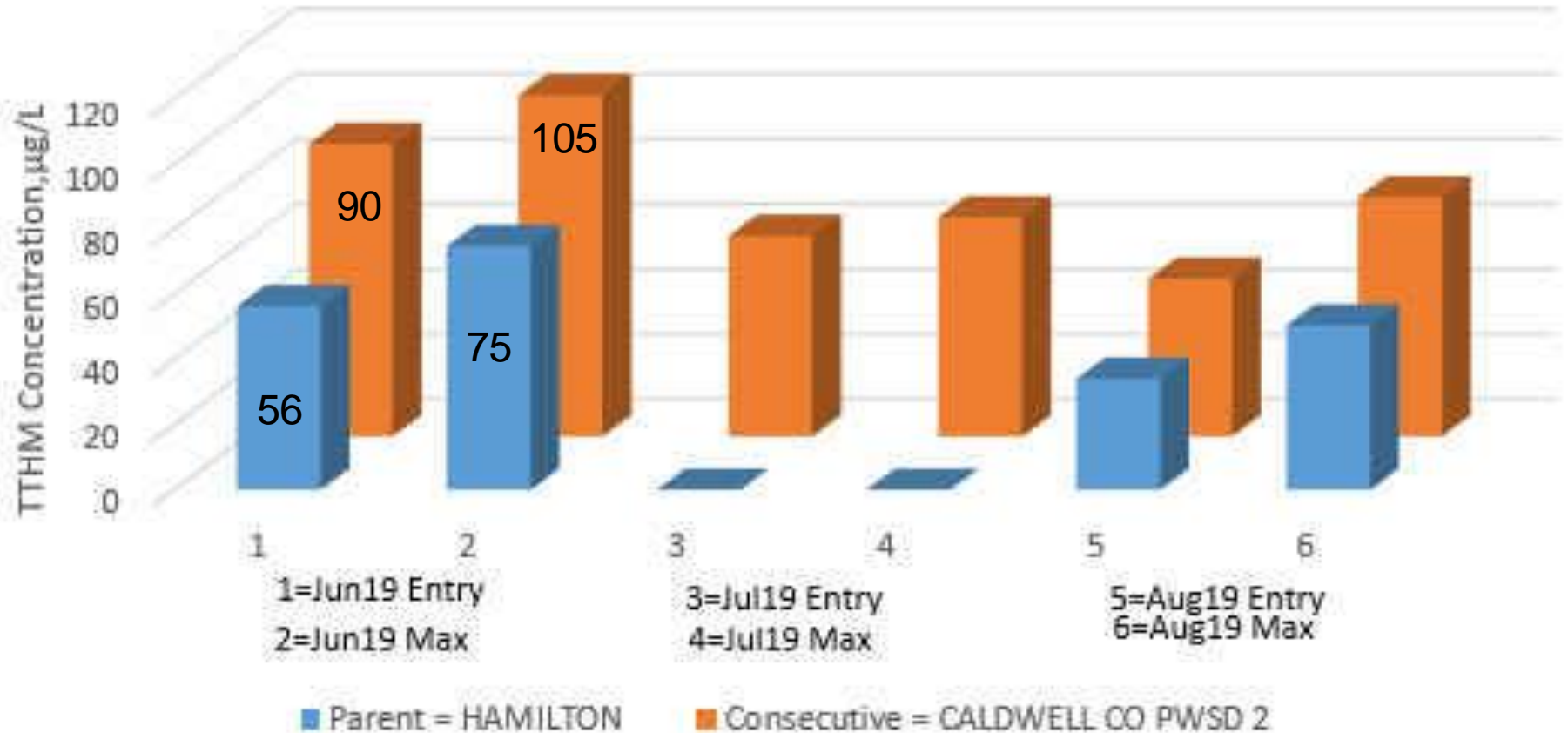
P = Parent CWS

C = Consecutive CWS





TTHM Sample results for Parent & Consecutive systems



Action Items

- Continue working on the DBPs study with the 15 CWSs and discuss the TTHM sampling results.
- Conduct comprehensive technical evaluation to establish DBPs baseline. Determine where TTHM formation is occurring in the CWSs.



MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

THANK YOU QUESTION

Maher Jaafari, Ph.D., P.E.
Public Drinking Water Branch
Chief, Permits and Engineering Section
AWOP Supervisor
Maher.jaafari@dnr.mo.gov