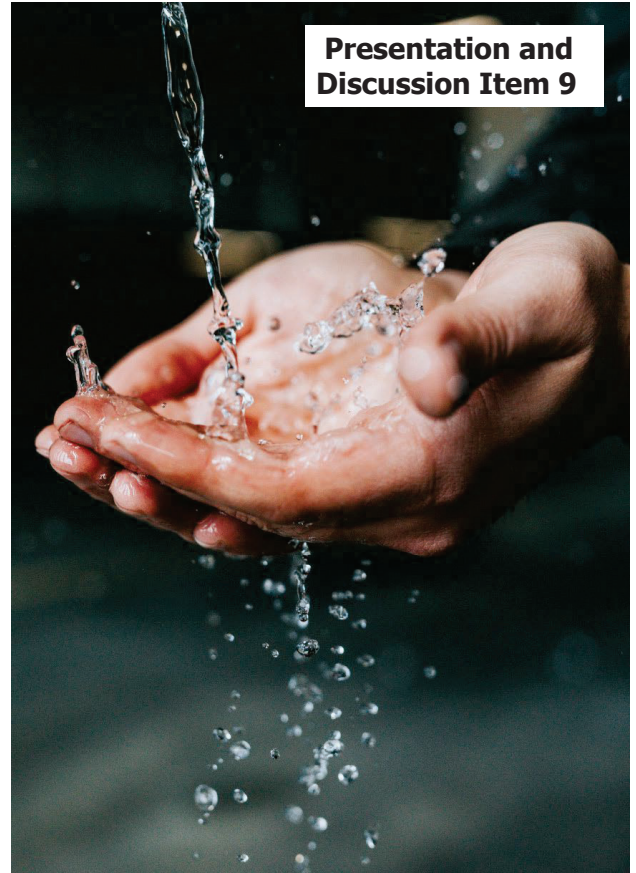


2025 PUBLIC HEALTH GOALS REPORT

Emily Owens-Bennett, P.E., BCEE
Trussell Technologies, Inc.

1 | July 23, 2025



Drinking Water Standards

MCL

- USEPA and DDW
- Enforceable regulatory limit

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Drinking Water Standards

MCL

- USEPA and DDW
- Enforceable regulatory limit



Mesa Water has an excellent record of compliance with all MCLs.

Drinking Water Standards

MCL

- USEPA and DDW
- Enforceable regulatory limit

PHG

- California OEHHA
- Recommended, **non-enforceable** target
- Level with no significant health risk

MCLG

- USEPA
- Recommended, **non-enforceable** target
- Reported if no PHG has been adopted

Drinking Water Standards



Report covers PHG, if available, or MCLG.

PHG

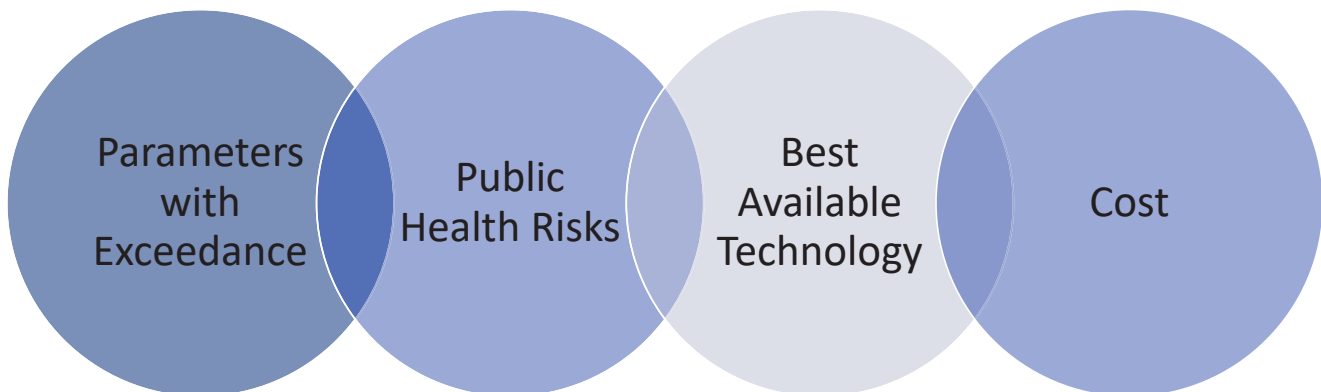
- California OEHHA
- Recommended, **non-enforceable** target
- Level with no significant health risk

MCLG

- USEPA
- Recommended, **non-enforceable** target
- Reported if no PHG has been adopted

Public Health Goals Reporting

Triennial reporting for all California Public Water Systems



Parameters with Exceedances

Parameter	Unit	PHG or MCLG	MCL	DLR	Concentration Groundwater	Concentration Surface Water*
INORGANIC CHEMICALS						
Arsenic	µg/L	0.004	10	2	ND – 3	ND
Chromium, Hexavalent	µg/L	0.02	10	0.1	ND – 0.8	ND
DISINFECTION BYPRODUCTS						
Bromate	µg/L	0.1	10	1	ND	ND – 2.4
RADIOACTIVITY						
Gross Alpha Particle Activity	pCi/L	(0)	15	3	ND – 3.58	ND
Gross Beta Particle Activity	pCi/L	(0)	50 ^[2]	4	NA	ND – 6
Uranium	pCi/L	0.43	20	1	1.08 – 1.78	ND – 2

*Surface water is emergency import water connection.

Public Health Risk

Parameter	Category of Risk	Cancer Risk at PHG or MCLG	Cancer Risk at MCL
INORGANIC CHEMICALS			
Arsenic	Carcinogen	1x10 ⁻⁶	2.5x10 ⁻³
Chromium, Hexavalent	Carcinogen	1x10 ⁻⁶	5x10 ⁻⁴
DISINFECTION BYPRODUCTS			
Bromate	Carcinogen	1x10 ⁻⁶	1x10 ⁻⁴
RADIOACTIVITY			
Gross Alpha Particle Activity	Carcinogen	0	1x10 ⁻³
Gross Beta Particle Activity	Carcinogen	0	2x10 ⁻³
Uranium	Carcinogen	1x10 ⁻⁶	5x10 ⁻⁵

Best Available Technology

Parameter	Best Available Technology
INORGANIC CHEMICALS	
Arsenic	activated alumina, coagulation/filtration, granular ferric oxide resin, ion exchange , lime softening, oxidation/filtration, reverse osmosis
Chromium, Hexavalent	reduction/coagulation/filtration, ion exchange with weak base anion resin
DISINFECTION BYPRODUCTS	
Bromate	coagulation/filtration, granular activated carbon, reverse osmosis
RADIOACTIVITY	
Gross Alpha Particle Activity	reverse osmosis
Gross Beta Particle Activity	ion exchange , reverse osmosis
Uranium	reverse osmosis

Estimated Treatment Costs

Parameter	Aggregate Cost Per Year*	Cost Per Connection Per Year*
INORGANIC CHEMICALS		
Arsenic	\$12,010,000	\$490
Chromium, Hexavalent	\$12,760,000 - \$53,360,000	\$520 - \$2,200
DISINFECTION BYPRODUCTS		
Bromate	\$9,700 - \$18,400**	\$0.40 - \$0.75**
RADIOACTIVITY		
Gross Alpha Particle Activity	\$15,500,000 - \$24,300,000***	\$635 - \$995***
Gross Beta Particle Activity	\$10,900**	\$0.45**
Uranium	\$15,500,000 - \$24,300,000***	\$635 - \$995***

*Theoretical costs to achieve PHG/MCLG are estimated based on BAT for treatment to MCL.

**Low costs due to limited use of emergency import water connection.

***Centralized treatment of all supplies with reverse osmosis.



THANK YOU!

Emily Owens-Bennett, P.E., BCEE
emilyo@trusselltech.com
Trussell Technologies, Inc.