

YUBA COUNTY ENVIRONMENTAL HEALTH DEPARTMENT

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WATER QUALITY MONITORING REQUIREMENTS COMMUNITY WATER SYSTEM

INITIAL TESTING	
Constituent	
Primary (Inorganics)	One sample per source
Secondary (Aesthetics)	One sample per source
Lead & Copper (LCR)	Two sets of samples six months apart (sample sizes based on the number of service connections).
Volatile Organic Chemicals (VOCs)	1/4 sampling for 1 st year
Synthetic Organic Chemicals (SOCs)	One sample per source unless non-vulnerable
Radiological – Gross Alpha	1/4 sampling for 1 st year
Radiological – Radium-228	1/4 sampling for 1 st year
Perchlorate	One sampler per source
Asbestos	One sample per source unless non-vulnerable

After initial testing is complete, the following monitoring is required:

Constituent	Groundwater Source	Standby Source*
Primary (Inorganics)	Every 3 years <i>Reduced monitoring – Every 9 years</i>	Every 9 years
Secondary (Aesthetics)	Every 3 years <i>Reduced monitoring – Every 9 years</i>	Every 9 years
Nitrates	Every year	Every 9 years
Nitrites	Every 3 years	Every 9 years
LCR	Every 3 years	Every 9 years
VOCs	Every 3 years <i>Reduced monitoring – Every 6 years</i>	Every 9 years
SOCs	Every 3 years <i>If non-vulnerable - Waived</i>	Every 9 years
Gross Alpha	Every 9 years	Every 9 years
Radium 228	Every 9 years	Every 9 years
Perchlorate	Every 3 years	Every 9 years
Asbestos	Every 9 years <i>If non-vulnerable - Waived</i>	Every 9 years
Disinfection By-Products (DBPR)	FOR SYSTEMS THAT DISINFECT: One sample per year per treatment plant during the month of warmest water temperature. DBPR testing can be reduced to once every three years if initial sample is <.20 mg/L and .015 mg/L for TTHM & HAA5 respectively.	
Coliform	At least one sample <i>per month</i> shall be collected in accordance with an approved Bacteriological Sample Siting Plan. Systems that disinfect (i.e., chlorinate) shall also collect one sample per quarter at each source. Chlorine residuals must be collected with all coliform samples.	

*The California Code of Regulations (Title 22, Chapter 15, Section 64414) requires that a standby source only be used for short-term emergencies of five consecutive days or less, and for less than a total of fifteen calendar days per year.

A state certified laboratory must perform the analyses and, with the exception of lead and copper monitoring, the samples for chemical analyses must be collected from each source.