

Transient and Nontransient Noncommunity Water Supplies Monitoring Requirements

Samples should be collected in advance of the end of any monitoring period to avoid issues.
Minimum requirements show below. Some systems will be required to sample more frequently.

Total Coliform Monitoring

Systems that serve 1,001 or more persons a day	Sample Bacteria Once Each Month ¹	Analytical Cost ³ \$16.00
Systems that serve 1,000 or fewer persons a day	Sample Bacteria Once A Quarter (3 Months)	
Reduced (if qualified)	Sample Bacteria Once A Year ² (12 Months)	

Nitrate/Nitrite Monitoring

Nitrate (annual)	One sample per year (unless results are greater than 5 mg/l)	Analytical Cost ³ \$18.00
Nitrite (one time)	One initial sample. No further sampling required in subsequent years unless initial result is greater than 0.5 mg/l	

Additional Chemical Monitoring Nontransient Noncommunity Water Supplies Only

Analyses	Cycle				Cycle				Analytical Cost ³				
	2011–2013		2014–2016		2017–2019		2020–2022			2023–2025		2026–2028	
VOC⁴	6 year				6 year				6 year		\$100		
SOC⁴	6 year				6 year				6 year		\$365		
Metals⁵	3 year		3 year		3 year		9 year				\$102		
Cyanide⁵	3 year				3 year		3 year		9 year		\$25		
Lead & Copper^{6 & 7}	6 mo	6 mo	Annual	Annual	3 year		3 year		3 year		3 year		\$26
Arsenic⁸	Quarterly for one year		Annual	Annual	3 Year		3 year		3 year		3 year		\$18

¹. Two samples per month minimum. More than 2/month required if serving more than 2,500 persons, consult local health department or Michigan Department of Environmental Quality (DEQ).

². Reduction must be in writing by local health department (LHD) or DEQ, not applicable to systems serving over 1,000 persons.

³. DEQ Laboratory analytical cost per sample, subject to change. Any certified laboratory may be used.

⁴. Volatile/Synthetic Organic Chemicals (VOC/SOC): a waiver based on no detections and low vulnerability allows 1 per 6 year reduction, otherwise, quarterly sampling and additional parameters are required. Contact your local health department or DEQ.

⁵. Metals and Cyanide: One sample every 3 years, then can be reduced to one sample every 9 years if below maximum containment level.

⁶. Lead / Copper: Initial samples for consecutive 6 month periods, then can be reduced to annual if below action level, then every 3 years. Can go directly to sampling every 3 years, if copper sample results are less than 0.65mg/l and initial lead sample results are less than 0.005 mg/l after two consecutive 6 month periods.

⁷. The number of samples is determined by the number of drinking water locations.

⁸. Arsenic: Initial sample must be less than 5ppb. If not, quarterly sampling for one year then can be reduced to one sample every 3 years if below maximum contaminant level.