

Monitoring Requirements Reported on Form 5002 (9/10)

Minimum Required operational analysis of Water for Community, Non-Transient (with treatment) and Transient (serving 1,000 people) Public Water Systems as required by Ohio Administrative Code 3745-83-01(G)

Ref.	Water Analysis	Reporting Criteria	Prior to Fluoridation	Entry Point	Distribution
(w) or (x)	Chlorine Residual Free or Chlorine Residual Combined	If fed for establishing a residual in the distribution ¹		Daily ²	Daily ³
(c)	Fluoride	If fed	monthly	Daily	
(p)	Phosphate Total	If fed for sequestration or corrosion control		Monthly	
(q)	Orthophosphate	If fed for corrosion control		Bi-weekly	
(k)	pH	If adjusted for corrosion control		Bi-Weekly	
		If adjusted for stability		Daily	
		If lime softening treatment is provided		Daily	
(m)	Alkalinity Total	If adjusted for corrosion control		Bi-weekly	
(n)	Alkalinity Stability	If lime softening treatment is provided		Weekly	
(o)	Hardness (Community Systems Only) ⁴	If treatment consists of Ion Exchange Softening		Monthly	
		If treatment consists of Membrane softening		Weekly	
		If treatment consists of precipitative lime softening		Daily	
(r1)	Iron (Community Systems Only) ⁴	If treatment consists of Iron Removal; Pop. <250		Weekly test kit with once monthly lab Check Sample, or Weekly at Certified Lab	
(r2)		If treatment consists of Iron Removal; Pop. =>250		Daily test kit with once monthly Certified lab Check Sample, or Weekly at Certified Lab	
(s1)	Manganese (Community Systems Only) ⁴	If treatment consists of Manganese Removal; Pop. <250		Weekly test kit with once monthly Certified lab Check Sample, or Weekly at Certified Lab	
(s2)		If treatment consists of Manganese Removal; Pop. =>250		Daily test kit with once monthly Certified lab Check Sample, or Weekly at Certified Lab	
(t)	Copper	If a copper compound is applied to the surface water supply		Weekly (monitoring is to continue for at least one month after the compound has been applied)	

1. Surface Water Systems shall conduct monitoring in accordance with (OAC 3745-81-74) and report on Form 5109
2. Satellite Systems without supplemental chlorine treatment measure chlorine residual levels daily in the distribution system only
3. Ground Water Systems using chlorine for oxidation purposes only, must measure chlorine residual levels at the entry point only
4. Non-Community systems treating for an MCL or required as a formal action of the director

**Inorganic Disinfection Byproducts and Disinfectant Residuals Monitoring
Required by Ohio Administrative Code 3745-81-23 (effective 8/1/2005) and 3745-81-70 (effective 1/1/2004)**

Ref	Water Analysis	Reporting Criteria	Sample Location		Rule Reference
			Entry Point	Distribution	
(SSR)	Bromate	If Ozone is fed	Monthly		OAC 3745-81-23(L)
(v)	Chlorite	If chlorine dioxide is fed	Daily	Monthly (three sample set)	OAC 3745-81-23(M)
(cc)- (kk)				Additional three sample set(s) required if the entry point sample is >MCL)	
(u)	Chlorine Dioxide	If chlorine dioxide is fed	Daily	As required by the director through detail plan approval	OAC 3745-81-70(F)
(cc)- (kk)				Additional three sample set(s) required if the entry point sample is >MRDL)	
(aa)- (bb)	Chlorine Residual Total	if a community or non-transient PWS and chlorine or chloramines are fed for the purpose of establishing a residual in the distribution system		to be monitored concurrently with the collection of total coliform compliance (Routine and Repeat) bacterial samples	OAC 3745-81-70(E)(1)

Ohio EPA Monthly Operating Report entitled "Water Plant / Distribution System" (form #5002) is to be used for reporting the parameters identified above with the exception of bromate. Bromate is to be reported on the Chemical SSR by the Certified Laboratory