

TABLE 1: Required Frequency of Water Testing in Oregon Dialysis Facilities

Parameter	In Center Testing Frequency	Home Testing Frequency
Raw Water: Chemical Contamination	Pre water treatment equipment specification and installation; then semi-annually	Pre water treatment equipment specification and installation; then semi-annually
Treated Water: Chemical Contamination	Semi-annually	Semi-annually
Reverse Osmosis (R.O.) Water conductivity and/or % rejection	Continuously	Continuously
Deionization (DI) Water resistivity	Continuously	Continuously
Softened/dechlorinated Water: Chemical Analysis and endotoxins (if used as Alternative Water Supply Plan)	Quarterly	Not applicable
Treated Water Chlorine/Chloramine	Prior to first treatment of the day and every 4 hours	Prior to each treatment
Bacteria Cultures		
-Water For Dialysate (Machine use, or concentrate mixing)	Monthly	At least quarterly
-Water for Reuse	Monthly	Monthly
-Dialysate	At least two machines monthly and from enough machines so that each machine is tested at least once per year	At least quarterly
Endotoxin Limulus Amebocyte Lysate (L.A.L.)		
-Water For Dialysate (Machine use, or concentrate mixing)	Monthly	At least quarterly
-Water for Reuse	Monthly	Monthly
-Dialysate	At least two machines monthly and from enough machines so that each machine is tested at least once per year	At least quarterly
Water Hardness	Daily at the end of the day	Semi-annual or prior to each treatment if a water softener is used
Testing Methods		
Absence of Disinfectant/Sterilant	After rinsing with the appropriate test method:	
Hydrogen Peroxide, Peracetic Acid, and Acetic Acid	Residual Test Strip	
Bleach	Chlorine Test Strip	
Formaldehyde	Schiff's Reagent	
Ozone	DPD or Indigo Trisulphonate	
Treated water Chlorine/Chloramine – DPD (Diethyl-p-phenylenediamine) Method or test strips sensitive to 0.1 mg/L		