



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
 DIVISION OF WATER RESOURCES, COMPLIANCE AND ENFORCEMENT UNIT

FEB 12 2024

Total Organic Carbon (TOC) and Enhanced Coagulation Report

PWSID #  
 0 0 0 0 3 7 1

ENTRY POINT  
 A

PUBLIC WATER SYSTEM NAME AND ADDRESS

West Knox Utility District

P.O. Box 51370

Knoxville, TN 37950

REPORTING PERIOD  
 START DATE

END DATE

0 1 0 1 2 4  
m m d d y y

0 1 3 1 2 4  
m m d d y y

TOC and Enhanced Coagulation Calculations

Sample Date	A Treated Water		B Source Water			C	D	E	Alternative Compliance Criteria Used	F
	TOC	Magnesium Hardness (as CaCO <sub>3</sub> )	TOC	Alkalinity	Magnesium Hardness (as CaCO <sub>3</sub> )	Reduction of TOC as a Percent	Required TOC Removal (%)	Column C Divided by Column D		
1-10-24	1.28		1.64	106		22	25		1.00	Sum of Column E Divided by the Number of Paired Samples Or Alternative Compliance Value
Average										
Paired Samples						(1-A/B) x 100	(See TOC Removal table on back of form)			Compliance achieved if value $\geq 1.0$

I certify that U.S.E.P.A. approved methods were used to conduct TOC analysis performed by: Environmental Science, and that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

PREPARED BY: Ted Morrison DATE: 2-1-24 PHONE: (865) 690-4403

APPROVED BY: [Signature] DATE: 2-6-24 PHONE: (865) 690-4403