

Duluth (1690011) – 2020 Quarter 4, TOC/Alkalinity Monitoring Results
 Treatment Classification: Conventional filtration

PWSID	PWS Name	Date	A Raw TOC	B Treated TOC	C % Removed	D Raw Alkalinity	E % Required	C/E*	DOC	UV@254	SUVA*
1690011	Duluth	10/05/20	1.2	<1.0	NA	43	NA	1.00			
		07/08/20	1.5	1.2	NA	43	NA	1.00			
		04/13/20	1.0	<1.0	NA	43	NA	1.00			
		01/06/20	1.2	<1.0	NA	45	NA	1.00			
							Average:	1.00			

*System meets alternative compliance criteria for TOC removal with raw & treated water TOC < 2.0 mg/L

DBP precursor removal required for surface water systems and GWUDI of surface water systems using conventional filtration:

Source Water TOC mg/L	Source Water Alkalinity mg/L as CaCO ₃		
	0-60	>60-120	>120
>2.0 - 4.0	35.0%	25.0%	15.0%
>4.0 - 8.0	45.0%	35.0%	25.0%
>8.0	50.0%	40.0%	30.0%