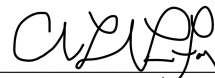


2023 ADDENDUM TO JUNE 1998 DIVISION OF WATER TECHNICAL AND  
OPERATIONAL GUIDANCE SERIES (TOGS) NO. 1.1.1 (Originator – Alexander Smith)

TABLE 1 NEW YORK STATE AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES February 2023					
SUBSTANCE (CAS No.)	WATER CLASSES	STANDARD (µg/L)	GUIDANCE VALUE (µg/L)	TYPE	BASIS CODE
1,4-Dioxane (123-91-1)	A, A-S, AA, AA-S		0.35	H(WS)	A
	GA		0.35	H(WS)	A
	GSA		0.35	H(WS)	A
	A, A-S, AA, AA-S, B, C		18,000	A(C)	
	A, A-S, AA, AA-S, B, C, D		160,000	A(A)	
	SA, SB, SC, I		7,000	A(C)	
	SA, SB, SC, I, SD		63,000	A(A)	
Perfluorooctane Sulfonic Acid (PFOS) (1763-23-1)	A, A-S, AA, AA-S		0.0027	H(WS)	A
	GA		0.0027	H(WS)	A
	GSA		0.0027	H(WS)	A
	A, A-S, AA, AA-S, B, C		160	A(C)	
	A, A-S, AA, AA-S, B, C, D		710	A(A)	
	SA, SB, SC, I		41	A(C)	
	SA, SB, SC, I, SD		190	A(A)	
Perfluorooctanoic acid (PFOA) (335-67-1)	A, A-S, AA, AA-S		0.0067	H(WS)	A
	GA		0.0067	H(WS)	A
	GSA		0.0067	H(WS)	A

TABLE 5 NEW YORK STATE GROUNDWATER EFFLUENT LIMITATIONS (CLASS GA) February 2023		
SUBSTANCE (CAS No.)	MAXIMUM ALLOWABLE CONCENTRATION (µg/L)	CATEGORY
1,4-Dioxane (123-91-1)	0.35	B
Perfluorooctane Sulfonic Acid (PFOS) (1763-23-1)	0.0027	B
Perfluorooctanoic acid (PFOA) (335-67-1)	0.0067	B



Carol Lamb-Lafay, P.E., Director  
Division of Water