

System Size (# of people served)	10 List 1 Cyanotoxins	20 Additional List 1 Chemicals
Small Systems (25 – 10,000)	800 randomly selected surface water (SW) or ground water under the direct influence of surface water (GWUDI) systems	A different group of 800 randomly selected SW, GWUDI and ground water (GW) systems
Large Systems (10,001 and over)	All SW or GWUDI systems	All SW, GWUDI and GW systems

Ten Cyanotoxin Chemical Contaminants

Contaminant	CAS Registry Number ¹	Minimum Reporting Level	Sampling Points ²	Analytical Methods
total microcystin	N/A	0.3 µg/L	EPTDS	EPA 546 (ELISA ^{EXIT})
microcystin-LA	96180-79-9	0.008 µg/L	EPTDS	EPA 544
microcystin-LF	154037-70-4	0.006 µg/L	EPTDS	EPA 544
microcystin-LR	101043-37-2	0.02 µg/L	EPTDS	EPA 544
microcystin-LY	123304-10-9	0.009 µg/L	EPTDS	EPA 544
microcystin-RR	111755-37-4	0.006 µg/L	EPTDS	EPA 544
microcystin-YR	101064-48-6	0.02 µg/L	EPTDS	EPA 544
nodularin	118399-22-7	0.005 µg/L	EPTDS	EPA 544
anatoxin-a	64285-06-9	0.03 µg/L	EPTDS	EPA 545
cylindrospermopsin	143545-90-8	0.09 µg/L	EPTDS	EPA 545

Two Metals

Contaminant	CAS Registry Number ¹	Minimum Reporting Level	Sampling Points ²	Analytical MethodsThe following links exit the site EXIT .
germanium	7440-56-4	0.3 µg/L	EPTDS	EPA 200.8, ASTM D5673-10, SM 3125
manganese	7439-96-5	0.4 µg/L	EPTDS	EPA 200.8, ASTM D5673-10, SM 3125

Eight Pesticides and One Pesticide Manufacturing Byproduct

Contaminant	CAS Registry Number ¹	Minimum Reporting Level	Sampling Points ²	Analytical Methods
alpha-hexachlorocyclohexane	319-84-6	0.01 µg/L	EPTDS	EPA 525.3
chlorpyrifos	2921-88-2	0.03 µg/L	EPTDS	EPA 525.3
dimethipin	55290-64-7	0.2 µg/L	EPTDS	EPA 525.3
ethoprop	13194-48-4	0.03 µg/L	EPTDS	EPA 525.3
oxyfluorfen	42874-03-3	0.05 µg/L	EPTDS	EPA 525.3
profenofos	41198-08-7	0.3 µg/L	EPTDS	EPA 525.3
tebuconazole	107534-96-3	0.2 µg/L	EPTDS	EPA 525.3
total permethrin (cis- & trans-)	52645-53-1	0.04 µg/L	EPTDS	EPA 525.3
tribufos	78-48-8	0.07 µg/L	EPTDS	EPA 525.3

Three Brominated Haloacetic Acid (HAA) Groups^{3,4}

Contaminant	CAS Registry Number ¹	Minimum Reporting Level	Sampling Points ²	Analytical Methods
HAA5	N/A	N/A	D/DBPR HAA location(s)	EPA 552.3 or EPA 557
HAA6Br	N/A	N/A	D/DBPR HAA location(s)	EPA 552.3 or EPA 557
HAA9	N/A	N/A	D/DBPR HAA location(s)	EPA 552.3 or EPA 557

Three Alcohols

Contaminant	CAS Registry Number ¹	Minimum Reporting Level	Sampling Points ²	Analytical Methods
1-butanol	71-36-3	2.0 µg/L	EPTDS	EPA 541
2-methoxyethanol	109-86-4	0.4 µg/L	EPTDS	EPA 541
2-propen-1-ol	107-18-6	0.5 µg/L	EPTDS	EPA 541

Three Other Semivolatile Chemicals

Contaminant	CAS Registry Number ¹	Minimum Reporting Level	Sampling Points ²	Analytical Methods
butylated hydroxyanisole	25013-16-5	0.03 µg/L	EPTDS	EPA 530
o-toluidine	95-53-4	0.007 µg/L	EPTDS	EPA 530
quinoline	91-22-5	0.02 µg/L	EPTDS	EPA 530

Indicators

Parameter	CAS Registry Number ¹	Minimum Reporting Level	Sampling Points ²	Analytical MethodsThe following links exit the site EXIT .
total organic carbon (TOC)	N/A	N/A	SR	SM 5310 B, SM 5310 C, SM 5310 D (21st edition), or SM 5310 B-00, SM 5310 C-00, SM 5310 D-00 (SM Online), EPA Method 415.3 (Rev. 1.1 or 1.2)
bromide	N/A	N/A	SR	EPA Methods 300.0 (Rev. 2.1), 300.1 (Rev. 1.0), 317.0 (Rev. 2.0), 326.0 (Rev. 1.0) or ASTM D 6581-1