

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 1 of 49	Item No. 180.1
---	---------------------------	------------------------	--------------------------

Bacteriology

Analyte	Technology	Method Name	ELAP Method Number	
Coliform, Total / E. coli (Qualitative)	CF-QL	Colisure	1016	
	CF-QL	Colitag	1029	
	CF-QL	Colitag / Modified	1207	
	CF-QL	E*Colite Test	9133	
	CF-QL	Readycult Coliforms 100 P/A Test	1114	
	CF-QL	SM 20, 21-23 9223B (-04) (Colilert)	9131	
	CF-QL	TECTA EC/TC	9382	
	FB-PAF-QL	SM 18-21 9221D (-99)/40CFR141.21(f	9128	
	FB-QL	SM 21-23 9221A,B,C (-06)	1214	
	MF-F-QL	40CFR141.21(f)6v-MI Agar/SM 18-20	1021	
	MF-QL	Chromocult [supreg] Method	1119	
	MF-QL	SM 21, 23 9222A,B,C	1215	
	MF-QL	SM 23 9222J/m-Colibblue24 Test	9134	
	Heterotrophic Plate Count	F-HPC-QN	SimPlate	1024
		PP-QN	SM 20, 21-23 9215B (-04)	9136
E. coli (Enumeration)	CF-QN	SM 20, 21-23 9223B (-04) (Colilert)	9179	
	FB-QN	SM 21-23 9221A,B (-06)	1010	
	FB-QN	SM 22-23 9221F	9947	
	MF-QN	SM 21, 23 9222A,B,C	1008	
Enterococci	FB-QN	SM 22 9230B (-07)	1038	
	MF-QN	EPA 1600	1044	
	MF-QN	SM 20, 23 9230C (Budnick 1996)	1042	
	PAF-QN	SM 23 9230D (Enterolert)	1040	
Coliphage	99	EPA 1601	1055	
	99	EPA 1602	1056	
	99	Fast Phage Coliphage Presence/Absen	9139	

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 2 of 49	Item No. 180.1
---	---------------------------	------------------------	--------------------------

Bacteriology

Analyte	Technology	Method Name	ELAP Method Number
Legionella	IDENT	ISO 11731:2017(E)	9975
Total Microcystins	ELISA	EPA Method 546	9168

Dialysis Water Bacteriology

Analyte	Technology	Method Name	ELAP Method Number
Heterotrophic Plate Count (dialysis)	MF-QN	SM 21-23 9215D (-00)	9381
	PP-QN	SM 20, 21-23 9215B (-04)	9136
	SP-QN	SM 21-23 9215C (-00)	9138

Dialysis Water Chemistry

Analyte	Technology	Method Name	ELAP Method Number
Aluminum, Total	FAAS	SM 21-23 3111D (-99)	9073
	GFAAS	EPA 200.9 Rev. 2.2	9102
	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003
	ICP-AES	EPA 200.5	1185
	ICP-AES	EPA 200.7 Rev. 4.4	2017
	ICP-AES	SM 21-23 3120B (-99)	2583
	ICP-MS	EPA 200.8 Rev. 5.4	9103
Antimony, Total	GFAAS	EPA 200.9 Rev. 2.2	9102
	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003
	HGAAS	ASTM D3697 -07, -12	9107
	ICP-AES	EPA 200.5	1185
	ICP-MS	EPA 200.8 Rev. 5.4	9103
Arsenic, Total	GFAAS	ASTM D2972-97, 03 & 08 (C)	2552
	GFAAS	EPA 200.9 Rev. 2.2	9102
	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003
	HGAAS	ASTM D2972-97, 03 & 08 (B)	2042
	HGAAS	SM 21-23 3114B (-97,-09)	2473

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 3 of 49	Item No. 180.1
---	---------------------------	------------------------	--------------------------

Dialysis Water Chemistry

Analyte	Technology	Method Name	ELAP Method Number
Arsenic, Total	ICP-AES	EPA 200.5	1185
	ICP-AES	SM 21-23 3120B (-99)	2583
	ICP-MS	EPA 200.8 Rev. 5.4	9103
Barium, Total	FAAS	SM 21-23 3111B (-99)	9002
	FAAS	SM 21-23 3111D (-99)	9073
	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003
	ICP-AES	EPA 200.5	1185
Beryllium, Total	ICP-AES	EPA 200.7 Rev. 4.4	2017
	ICP-AES	SM 21-23 3120B (-99)	2583
	ICP-MS	EPA 200.8 Rev. 5.4	9103
	GFAAS	EPA 200.9 Rev. 2.2	9102
	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003
	ICP-AES	EPA 200.5	1185
	ICP-AES	EPA 200.7 Rev. 4.4	2017
	ICP-AES	SM 21-23 3120B (-99)	2583
	ICP-MS	EPA 200.8 Rev. 5.4	9103
	Cadmium, Total	GFAAS	EPA 200.9 Rev. 2.2
GFAAS		SM 19, 21-23 3113B (-04,-10)	9003
ICP-AES		EPA 200.5	1185
ICP-AES		EPA 200.7 Rev. 4.4	2017
ICP-AES		SM 21-23 3120B (-99)	2583
ICP-MS		EPA 200.8 Rev. 5.4	9103
Calcium, Total	FAAS	ASTM D511-09, 14 (B)	2081
	FAAS	SM 21-23 3111B (-99)	9002
	IC	ASTM D6919-03 & 09	5911
	ICP-AES	EPA 200.5	1185

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 4 of 49	Item No. 180.1
---	---------------------------	------------------------	--------------------------

Dialysis Water Chemistry

Analyte	Technology	Method Name	ELAP Method Number
Calcium, Total	ICP-AES	EPA 200.7 Rev. 4.4	2017
	ICP-AES	SM 21-23 3120B (-99)	2583
	ICP-MS	EPA 200.8 Rev. 5.4	9103
	TITR	ASTM D511-09, -14 (A)	2085
	TITR	SM 21-23 3500-Ca B (-97)	1046
Chlorine, Free	AMP	ASTM D1253 -14	2001
	COLOR	SM 21-23 4500-Cl G (-00)	1078
	TITR	SM 21-23 4500-Cl F (-00)	1077
Chloramines	COLOR	SM 21-23 4500-Cl G (-00)	1078
	TITR	SM 21-23 4500-Cl F (-00)	1077
Chromium, Total	GFAAS	EPA 200.9 Rev. 2.2	9102
	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003
	ICP-AES	EPA 200.5	1185
	ICP-AES	EPA 200.7 Rev. 4.4	2017
	ICP-AES	SM 21-23 3120B (-99)	2583
	ICP-MS	EPA 200.8 Rev. 5.4	9103
Copper, Total	FAAS	ASTM Method D 1688 -07,-12 (A)	2013
	FAAS	SM 21-23 3111B (-99)	9002
	GFAAS	ASTM D1688-07, -12 (C)	9010
	GFAAS	EPA 200.9 Rev. 2.2	9102
	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003
	ICP-AES	EPA 200.5	1185
	ICP-AES	EPA 200.7 Rev. 4.4	2017
	ICP-AES	SM 21-23 3120B (-99)	2583
	ICP-MS	EPA 200.8 Rev. 5.4	9103
	Fluoride, Total	AUTO	Bran + Luebbe 129-71 W

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 5 of 49	Item No. 180.1
---	---------------------------	------------------------	--------------------------

Dialysis Water Chemistry

Analyte	Technology	Method Name	ELAP Method Number	
Fluoride, Total	CIE-UV	ASTM D6508-00	6508	
	COLOR	Hach 10225	5914	
	COLOR	SM 21-23 4500-F D (-97)	9099	
	COLOR	SM 21-23 4500-F E (-97)	9041	
	IC	EPA 300.0 Rev. 2.1	2459	
	IC	EPA 300.1 Rev. 1.0	2458	
	IC	SM 21-23 4110B (-00)	2460	
	POT	ASTM D1179-04, 10B, 16B	2185	
	POT	Bran + Luebbe 380-75 WE	2448	
	POT	SM 21-23 4500-F C (-97)	9097	
	Lead, Total	ASV	AS Voltammetry 1001	2464
		GFAAS	ASTM D3559-90, 96, 03 & 08 (D)	2584
GFAAS		EPA 200.9 Rev. 2.2	9102	
GFAAS		SM 19, 21-23 3113B (-04,-10)	9003	
ICP-AES		EPA 200.5	1185	
ICP-MS		EPA 200.8 Rev. 5.4	9103	
Magnesium, Total		FAAS	ASTM D511-09, 14 (B)	2081
	FAAS	SM 21-23 3111B (-99)	9002	
	IC	ASTM D6919-03 & 09	5911	
	ICP-AES	EPA 200.5	1185	
	ICP-AES	EPA 200.7 Rev. 4.4	2017	
	ICP-AES	SM 21-23 3120B (-99)	2583	
	ICP-MS	EPA 200.8 Rev. 5.4	9103	
	TITR	ASTM D511-09, -14 (A)	2085	
	TITR	SM 18-19 3500-Mg E	1178	
	TITR	SM 21-23 3500-Mg B (-97)	1179	

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 6 of 49	Item No. 180.1
---	---------------------------	------------------------	--------------------------

Dialysis Water Chemistry

Analyte	Technology	Method Name	ELAP Method Number
Mercury, Total	CVAAS	EPA 245.1 Rev. 3.0	2258
	CVAAS	EPA 245.2 (1974, Rev. 1983)	2263
	CVAAS	SM 21-23 3112B (-99)	9050
Nitrate (as N)	ICP-MS	EPA 200.8 Rev. 5.4	9103
	AUTO	EPA 353.2 Rev. 2.0	2281
	AUTO	NECi Nitrate-Reductase	9153
	AUTO	SM 21-23 4500-NO3 F (-00)	9053
	AUTO	Systea Easy (1-Reagent)	1194
	CIE-UV	ASTM D6508-00	6508
	COLOR	Hach Method 10206	5913
	COLOR	SM 21-23 4500-NO3 E (-00)	9052
	IC	ASTM D4327-97& 03	2461
	IC	EPA 300.0 Rev. 2.1	2459
	IC	EPA 300.1 Rev. 1.0	2458
	IC	SM 21-23 4110B (-00)	2460
	IC-UV	MILLIPORE B-1011	9149
Potassium, Total	POT	ORION Technical Bulletin 601	1037
	POT	SM 21-23 4500-N03- D (-00)	9998
Potassium, Total	FAAS	SM 21-23 3111B (-99)	9002
	IC	ASTM D6919-03 & 09	5911
	ICP-AES	EPA 200.7 Rev. 4.4	2017
	ICP-AES	SM 21-23 3120B (-99)	2583
Selenium, Total	ICP-MS	EPA 200.8 Rev. 5.4	9103
	GFAAS	ASTM D3859-98, 03 & 08 (B)	1605
	GFAAS	EPA 200.9 Rev. 2.2	9102
	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 7 of 49	Item No. 180.1
---	---------------------------	------------------------	--------------------------

Dialysis Water Chemistry

Analyte	Technology	Method Name	ELAP Method Number	
Selenium, Total	HGAAS	ASTM D3859-98, 03 & 08 (A)	2363	
	HGAAS	SM 21-23 3114B (-97,-09)	2473	
	ICP-AES	EPA 200.5	1185	
	ICP-MS	EPA 200.8 Rev. 5.4	9103	
Silver, Total	FAAS	SM 21-23 3111B (-99)	9002	
	GFAAS	EPA 200.9 Rev. 2.2	9102	
	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003	
	ICP-AES	EPA 200.5	1185	
	ICP-AES	EPA 200.7 Rev. 4.4	2017	
	ICP-AES	SM 21-23 3120B (-99)	2583	
	ICP-MS	EPA 200.8 Rev. 5.4	9103	
	Sodium, Total	FAAS	SM 21-23 3111B (-99)	9002
IC		ASTM D6919-03 & 09	5911	
ICP-AES		EPA 200.5	1185	
ICP-AES		EPA 200.7 Rev. 4.4	2017	
ICP-AES		SM 21-23 3120B (-99)	2583	
ICP-MS		EPA 200.8 Rev. 5.4	9103	
Sulfate (as SO4)		AUTO	EPA 375.2 Rev. 2.0	9177
		COLOR	SM 19, 21-23 4500-SO4 E (-97)	9172
	COLOR	SM 19, 21-23 4500-SO4- F (-97)	9166	
	GRAV	SM 19, 21-23 4500-SO4 C (-97)	1022	
	GRAV	SM 19, 21-23 4500-SO4 D (-97)	2587	
	IC	EPA 300.0 Rev. 2.1	2459	
	IC	EPA 300.1 Rev. 1.0	2458	
	IC	SM 21-23 4110B (-00)	2460	
	TURB	ASTM D516-07, 11, 16	2392	

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 8 of 49	Item No. 180.1
---	---------------------------	------------------------	--------------------------

Dialysis Water Chemistry

Analyte	Technology	Method Name	ELAP Method Number
Thallium, Total	GFAAS	EPA 200.9 Rev. 2.2	9102
	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003
	ICP-MS	EPA 200.8 Rev. 5.4	9103
Zinc, Total	FAAS	SM 21-23 3111B (-99)	9002
	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003
	ICP-AES	EPA 200.5	1185
	ICP-AES	EPA 200.7 Rev. 4.4	2017
	ICP-AES	SM 21-23 3120B (-99)	2583
	ICP-MS	EPA 200.8 Rev. 5.4	9103
	Specific Conductance	COND	ASTM D1125 -14 (A)
COND		EPA 120.1 Rev. 1982	2379
COND		SM 21-23 2510B (-97)	9071

Metals I

Analyte	Technology	Method Name	ELAP Method Number
Arsenic, Total	GFAAS	ASTM D2972-97, 03 & 08 (C)	2552
	GFAAS	EPA 200.9 Rev. 2.2	9102
	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003
	HGAAS	ASTM D2972-97, 03 & 08 (B)	2042
	HGAAS	SM 21-23 3114B (-97,-09)	2473
	ICP-AES	EPA 200.5	1185
	ICP-AES	SM 21-23 3120B (-99)	2583
	ICP-MS	EPA 200.8 Rev. 5.4	9103
Barium, Total	FAAS	SM 21-23 3111B (-99)	9002
	FAAS	SM 21-23 3111D (-99)	9073
	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003
	ICP-AES	EPA 200.5	1185

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 9 of 49	Item No. 180.1
---	---------------------------	------------------------	--------------------------

Metals I

Analyte	Technology	Method Name	ELAP Method Number
Barium, Total	ICP-AES	EPA 200.7 Rev. 4.4	2017
	ICP-AES	SM 21-23 3120B (-99)	2583
	ICP-MS	EPA 200.8 Rev. 5.4	9103
Cadmium, Total	GFAAS	EPA 200.9 Rev. 2.2	9102
	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003
	ICP-AES	EPA 200.5	1185
	ICP-AES	EPA 200.7 Rev. 4.4	2017
Chromium, Total	ICP-AES	SM 21-23 3120B (-99)	2583
	ICP-MS	EPA 200.8 Rev. 5.4	9103
	GFAAS	EPA 200.9 Rev. 2.2	9102
	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003
	ICP-AES	EPA 200.5	1185
	ICP-AES	EPA 200.7 Rev. 4.4	2017
	ICP-AES	SM 21-23 3120B (-99)	2583
	ICP-MS	EPA 200.8 Rev. 5.4	9103
Copper, Total	FAAS	ASTM Method D 1688 -07,-12 (A)	2013
	FAAS	SM 21-23 3111B (-99)	9002
	GFAAS	ASTM D1688-07, -12 (C)	9010
	GFAAS	EPA 200.9 Rev. 2.2	9102
	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003
	ICP-AES	EPA 200.5	1185
	ICP-AES	EPA 200.7 Rev. 4.4	2017
	ICP-AES	SM 21-23 3120B (-99)	2583
Iron, Total	ICP-MS	EPA 200.8 Rev. 5.4	9103
	FAAS	SM 21-23 3111B (-99)	9002
	GFAAS	EPA 200.9 Rev. 2.2	9102

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 10 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Metals I

Analyte	Technology	Method Name	ELAP Method Number
Iron, Total	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003
	ICP-AES	EPA 200.5	1185
	ICP-AES	EPA 200.7 Rev. 4.4	2017
	ICP-AES	SM 21-23 3120B (-99)	2583
Lead, Total	ASV	AS Voltammetry 1001	2464
	GFAAS	ASTM D3559-90, 96, 03 & 08 (D)	2584
	GFAAS	EPA 200.9 Rev. 2.2	9102
	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003
Mercury, Total	ICP-AES	EPA 200.5	1185
	ICP-MS	EPA 200.8 Rev. 5.4	9103
	CVAAS	EPA 245.1 Rev. 3.0	2258
	CVAAS	EPA 245.2 (1974, Rev. 1983)	2263
Manganese, Total	CVAAS	SM 21-23 3112B (-99)	9050
	ICP-MS	EPA 200.8 Rev. 5.4	9103
	FAAS	SM 21-23 3111B (-99)	9002
	GFAAS	EPA 200.9 Rev. 2.2	9102
Selenium, Total	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003
	ICP-AES	EPA 200.5	1185
	ICP-AES	EPA 200.7 Rev. 4.4	2017
	ICP-AES	SM 21-23 3120B (-99)	2583
Selenium, Total	ICP-MS	EPA 200.8 Rev. 5.4	9103
	GFAAS	ASTM D3859-98, 03 & 08 (B)	1605
	GFAAS	EPA 200.9 Rev. 2.2	9102
	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003
Selenium, Total	HGAAS	ASTM D3859-98, 03 & 08 (A)	2363
	HGAAS	SM 21-23 3114B (-97,-09)	2473

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 11 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Metals I

Analyte	Technology	Method Name	ELAP Method Number
Selenium, Total	ICP-AES	EPA 200.5	1185
	ICP-MS	EPA 200.8 Rev. 5.4	9103
Silver, Total	FAAS	SM 21-23 3111B (-99)	9002
	GFAAS	EPA 200.9 Rev. 2.2	9102
	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003
	ICP-AES	EPA 200.5	1185
Zinc, Total	ICP-AES	EPA 200.7 Rev. 4.4	2017
	ICP-AES	SM 21-23 3120B (-99)	2583
	ICP-MS	EPA 200.8 Rev. 5.4	9103
	FAAS	SM 21-23 3111B (-99)	9002
	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003
	ICP-AES	EPA 200.5	1185
	ICP-AES	EPA 200.7 Rev. 4.4	2017
	ICP-AES	SM 21-23 3120B (-99)	2583
	ICP-MS	EPA 200.8 Rev. 5.4	9103

Metals II

Analyte	Technology	Method Name	ELAP Method Number
Aluminum, Total	FAAS	SM 21-23 3111D (-99)	9073
	GFAAS	EPA 200.9 Rev. 2.2	9102
	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003
	ICP-AES	EPA 200.5	1185
	ICP-AES	EPA 200.7 Rev. 4.4	2017
	ICP-AES	SM 21-23 3120B (-99)	2583
	ICP-MS	EPA 200.8 Rev. 5.4	9103
Antimony, Total	GFAAS	EPA 200.9 Rev. 2.2	9102
	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 12 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Metals II

Analyte	Technology	Method Name	ELAP Method Number	
Antimony, Total	HGAAS	ASTM D3697 -07, -12	9107	
	ICP-AES	EPA 200.5	1185	
	ICP-MS	EPA 200.8 Rev. 5.4	9103	
Beryllium, Total	GFAAS	EPA 200.9 Rev. 2.2	9102	
	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003	
	ICP-AES	EPA 200.5	1185	
	ICP-AES	EPA 200.7 Rev. 4.4	2017	
	ICP-AES	SM 21-23 3120B (-99)	2583	
	ICP-MS	EPA 200.8 Rev. 5.4	9103	
	Molybdenum, Total	FAAS	SM 21-23 3111B (-99)	9002
FAAS		SM 21-23 3111D (-99)	9073	
FAAS		USGS I-3490-85	2265	
GFAAS		USGS I-3492-96	3492	
ICP-AES		EPA 200.7 Rev. 4.4	2017	
ICP-AES		SM 21-23 3120B (-99)	2583	
ICP-AES		USGS I-4471-97 (ICP-OES)	3112	
ICP-MS		AOAC 993.14	9931	
ICP-MS		EPA 200.8 Rev. 5.4	9103	
Nickel, Total		FAAS	SM 21-23 3111B (-99)	9002
		GFAAS	EPA 200.9 Rev. 2.2	9102
	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003	
	ICP-AES	EPA 200.5	1185	
	ICP-AES	EPA 200.7 Rev. 4.4	2017	
	ICP-AES	SM 21-23 3120B (-99)	2583	
	ICP-MS	EPA 200.8 Rev. 5.4	9103	
Thallium, Total	GFAAS	EPA 200.9 Rev. 2.2	9102	

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 13 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Metals II

Analyte	Technology	Method Name	ELAP Method Number
Thallium, Total	GFAAS	SM 19, 21-23 3113B (-04,-10)	9003
	ICP-MS	EPA 200.8 Rev. 5.4	9103
Vanadium, Total	FAAS	ASTM D3373-93, 03	3373
	FAAS	ASTM D511-09, 14 (B)	2081
	FAAS	SM 21-23 3111D (-99)	9073
	ICP-AES	EPA 200.7 Rev. 4.4	2017
	ICP-AES	SM 21-23 3120B (-99)	2583
	ICP-AES	USGS I-4471-97 (ICP-OES)	3112
	ICP-MS	AOAC 993.14	9931
	ICP-MS	EPA 200.8 Rev. 5.4	9103

Metals III

Analyte	Technology	Method Name	ELAP Method Number	
Boron, Total	COLOR	SM 18-22 4500-B B (-99)	9015	
	COLOR	USGS I-3112-85	2064	
	ICP-AES	EPA 200.7 Rev. 4.4	2017	
	ICP-AES	SM 21-23 3120B (-99)	2583	
	ICP-AES	USGS I-4471-97 (ICP-OES)	3112	
Calcium, Total	FAAS	ASTM D511-09, 14 (B)	2081	
	FAAS	SM 21-23 3111B (-99)	9002	
	IC	ASTM D6919-03 & 09	5911	
	ICP-AES	EPA 200.5	1185	
	ICP-AES	EPA 200.7 Rev. 4.4	2017	
	ICP-AES	SM 21-23 3120B (-99)	2583	
	TITR	ASTM D511-09, -14 (A)	2085	
	TITR	SM 21-23 3500-Ca B (-97)	1046	
	Magnesium, Total	FAAS	ASTM D511-09, 14 (B)	2081

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 14 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Metals III

Analyte	Technology	Method Name	ELAP Method Number
Magnesium, Total	FAAS	SM 21-23 3111B (-99)	9002
	IC	ASTM D6919-03 & 09	5911
	ICP-AES	EPA 200.5	1185
	ICP-AES	EPA 200.7 Rev. 4.4	2017
	ICP-AES	SM 21-23 3120B (-99)	2583
	TITR	ASTM D511-09, -14 (A)	2085
	TITR	SM 18-19 3500-Mg E	1178
	TITR	SM 21-23 3500-Mg B (-97)	1179
Potassium, Total	FAAS	SM 21-23 3111B (-99)	9002
	IC	ASTM D6919-03 & 09	5911
	ICP-AES	EPA 200.7 Rev. 4.4	2017
	ICP-AES	SM 21-23 3120B (-99)	2583
Sodium, Total	FAAS	SM 21-23 3111B (-99)	9002
	IC	ASTM D6919-03 & 09	5911
	ICP-AES	EPA 200.5	1185
	ICP-AES	EPA 200.7 Rev. 4.4	2017
	ICP-AES	SM 21-23 3120B (-99)	2583
Uranium (Mass)	COLOR	ASTM D2907-97	9349
	COLOR	ASTM D5174-97, 02 & 07	9367
	COLOR	DOE 1990 U-04	9352
	COLOR	DOE U-04	1159
	COLOR	EPA 908.1	9348
	COLOR	SM 17 7500-U C	1155
	COLOR	USGS R-1180-76	9350
	COLOR	USGS R-1181-76	9351
	ICP-MS	ASTM D5673-05, 10, 16	5673

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 15 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Metals III

Analyte	Technology	Method Name	ELAP Method Number
Uranium (Mass)	ICP-MS	EPA 200.8 Rev. 5.4	9103
	ICP-MS	SM 20-21 3125B	3125

Non-Metals

Analyte	Technology	Method Name	ELAP Method Number	
Alkalinity	COLOR	EPA 310.2	2008	
	TITR	ASTM D1067-06B, 11B, 16B	2005	
	TITR	SM 21-23 2320B (-97)	9001	
	TITR	USGS I-1030-85	2006	
Chloride	AMP	SM 21-23 4500-Cl- D (-97)	9091	
	COLOR	SM 21-22 4500-Cl- E (-97)	9023	
	COLOR	USGS I-1187-85	2109	
	COLOR	USGS I-2187-85	2113	
	IC	EPA 300.0 Rev. 2.1	2459	
	IC	EPA 300.1 Rev. 1.0	2458	
	IC	SM 21-23 4110B (-00)	2460	
	TITR	AOAC 973.51	2107	
	TITR	ASTM D512-04 (B), -12(B)	2105	
	TITR	SM 21-22 4500-Cl- C (-97)	9022	
	TITR	SM 21-23 4500-Cl- B (-97)	2104	
	TITR	USGS I-1183-85	2102	
	Color	COLOR	SM 21-23 2120B (-01)	5120
	Corrosivity	CALC	SM 18-22 2330	1012
Specific Conductance	COND	ASTM D1125 -14 (A)	2004	
	COND	EPA 120.1 Rev. 1982	2379	
	COND	SM 21-23 2510B (-97)	9071	
Cyanide	AMP	ASTM D6888-04	6888	

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Potable Water	04/22/2022	16 of 49	180.1

Non-Metals

Analyte	Technology	Method Name	ELAP Method Number
Cyanide	AMP	OIA-1677	1677
	AUTO	EPA 335.4 Rev. 1.0	9119
	AUTO	Kelada 01, Rev. 1.2	1089
	AUTO	LCHAT QuikChem 10-204-00-1-X	2484
	COLOR	SM 20, 21-23 4500-CN E	9037
	COLOR	SM 20, 21-23 4500-CN G	9038
	COLOR	USGS I-3300-85	2174
	GC-MS	ME355.01	1195
	POT	SM 20, 21-23 4500-CN F	9121
	PREP	SM 20, 21-23 4500-CN C (-99)	2166
Fluoride, Total	AUTO	Bran + Luebbe 129-71 W	2451
	CIE-UV	ASTM D6508-00	6508
	COLOR	Hach 10225	5914
	COLOR	SM 21-23 4500-F D (-97)	9099
	COLOR	SM 21-23 4500-F E (-97)	9041
	IC	EPA 300.0 Rev. 2.1	2459
	IC	EPA 300.1 Rev. 1.0	2458
	IC	SM 21-23 4110B (-00)	2460
	POT	ASTM D1179-04, 10B, 16B	2185
	POT	Bran + Luebbe 380-75 WE	2448
	POT	SM 21-23 4500-F C (-97)	9097
	PREP	SM 21-23 4500-F B (-97)	9039
Calcium Hardness	CALC	SM 18-22 2340B (-97)	2564
	FAAS	SM 21-23 3111B (-99)	9002
	ICP-AES	EPA 200.7 Rev. 4.4	2017
	ICP-AES	SM 21-23 3120B (-99)	2583

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 17 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Non-Metals

Analyte	Technology	Method Name	ELAP Method Number
Calcium Hardness	TITR	SM 18-22 2340C (-97)	1110
	TITR	SM 21-23 3500-Ca B (-97)	1046
Nitrate (as N)	AUTO	EPA 353.2 Rev. 2.0	2281
	AUTO	NECi Nitrate-Reductase	9153
	AUTO	SM 21-23 4500-NO3 F (-00)	9053
	AUTO	Systea Easy (1-Reagent)	1194
	CIE-UV	ASTM D6508-00	6508
	COLOR	Hach Method 10206	5913
	COLOR	SM 21-23 4500-NO3 E (-00)	9052
	IC	ASTM D4327-97& 03	2461
	IC	EPA 300.0 Rev. 2.1	2459
	IC	EPA 300.1 Rev. 1.0	2458
	IC	SM 21-23 4110B (-00)	2460
	IC-UV	MILLIPORE B-1011	9149
	POT	ORION Technical Bulletin 601	1037
	POT	SM 21-23 4500-N03- D (-00)	9998
	Nitrite (as N)	AUTO	EPA 353.2 Rev. 2.0
AUTO		NECi Nitrate-Reductase	9153
AUTO		SM 21-23 4500-NO3 F (-00)	9053
AUTO		Systea Easy (1-Reagent)	1194
CIE-UV		ASTM D6508-00	6508
COLOR		SM 21-23 4500-NO2 B (-00)	9162
COLOR		SM 21-23 4500-NO3 E (-00)	9052
IC		ASTM D4327-97& 03	2461
IC		EPA 300.0 Rev. 2.1	2459
IC		EPA 300.1 Rev. 1.0	2458

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 18 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Non-Metals

Analyte	Technology	Method Name	ELAP Method Number
Nitrite (as N)	IC	SM 21-23 4110B (-00)	2460
	IC-UV	MILLIPORE B-1011	9149
Orthophosphate (as P)	AUTO	EPA 365.1 Rev. 2.0	2299
	AUTO	SM 19, 21-23 4500-P F (-99)	9057
	COLOR	Hach 8048	2469
	COLOR	SM 19, 21-23 4500-P E (-99)	9061
	COLOR	USGS I-1601-85	9113
	COLOR	USGS I-2598-85	9115
	COLOR	USGS I-2601-90	9114
	IC	EPA 300.0 Rev. 2.1	2459
	IC	EPA 300.1 Rev. 1.0	2458
	IC	SM 21-23 4110B (-00)	2460
	PREP	ASTM D515-88 A	2304
Silica, Total	AUTO	SM 21-23 4500-SiO2 E (-97)	1181
	AUTO	USGS I-2700-85	2369
	COLOR	ASTM D859-05, 10, 16	2367
	COLOR	SM 18-19 4500-Si D	9068
	COLOR	SM 18-19 4500-Si E	9920
	COLOR	SM 18-19 4500-Si F	9921
	COLOR	SM 21-23 4500-SiO2 C (-97)	9069
	COLOR	SM 21-23 4500-SiO2 D (-97)	1180
	COLOR	USGS I-1700-85	2368
	ICP-AES	EPA 200.5	1185
	ICP-AES	EPA 200.7 Rev. 4.4	2017
ICP-AES	SM 21-23 3120B (-99)	2583	
Solids, Total Dissolved	GRAV	SM 21-23 2540C (-97)	9064

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 19 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Non-Metals

Analyte	Technology	Method Name	ELAP Method Number
Sulfate (as SO4)	AUTO	EPA 375.2 Rev. 2.0	9177
	COLOR	SM 19, 21-23 4500-SO4 E (-97)	9172
	COLOR	SM 19, 21-23 4500-SO4- F (-97)	9166
	GRAV	SM 19, 21-23 4500-SO4 C (-97)	1022
	GRAV	SM 19, 21-23 4500-SO4 D (-97)	2587
	IC	EPA 300.0 Rev. 2.1	2459
	IC	EPA 300.1 Rev. 1.0	2458
	IC	SM 21-23 4110B (-00)	2460
	TURB	ASTM D516-07, 11, 16	2392

Chlorinated Acids

Analyte	Technology	Method Name	ELAP Method Number
Acifluorofen	GC-ECD	EPA 515.1	9086
	GC-ECD	EPA 515.3	1607
	GC-ECD	EPA 515.4	1514
	HPLC-UV	EPA 555	1601
2,4-D	GC-ECD	ASTM D5317-93 & 98 (03)	1608
	GC-ECD	EPA 515.1	9086
	GC-ECD	EPA 515.2	1600
	GC-ECD	EPA 515.3	1607
	GC-ECD	EPA 515.4	1514
Dalapon	HPLC-UV	EPA 555	1601
	GC-ECD	EPA 515.1	9086
	GC-ECD	EPA 515.3	1607
	GC-ECD	EPA 515.4	1514
	GC-ECD	EPA 552.1	5020
	GC-ECD	EPA 552.2	5018

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 20 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Chlorinated Acids

Analyte	Technology	Method Name	ELAP Method Number
Dalapon	GC-ECD	EPA 552.3	1156
	HPLC-UV	EPA 555	1601
	IC-ESI-MS	EPA 557	1198
Dicamba	GC-ECD	EPA 515.1	9086
	GC-ECD	EPA 515.2	1600
	GC-ECD	EPA 515.3	1607
	GC-ECD	EPA 515.4	1514
	HPLC-UV	EPA 555	1601
Dinoseb	GC-ECD	EPA 515.1	9086
	GC-ECD	EPA 515.2	1600
	GC-ECD	EPA 515.3	1607
	GC-ECD	EPA 515.4	1514
	HPLC-UV	EPA 555	1601
Pentachlorophenol	GC-ECD	ASTM D5317-93 & 98 (03)	1608
	GC-ECD	EPA 515.1	9086
	GC-ECD	EPA 515.2	1600
	GC-ECD	EPA 515.3	1607
	GC-ECD	EPA 515.4	1514
	GC-MS	EPA 525.2	9095
	GC-MS	EPA 525.3	1613
	HPLC-UV	EPA 555	1601
Picloram	GC-ECD	ASTM D5317-93 & 98 (03)	1608
	GC-ECD	EPA 515.1	9086
	GC-ECD	EPA 515.2	1600
	GC-ECD	EPA 515.3	1607
	GC-ECD	EPA 515.4	1514

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 21 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Chlorinated Acids

Analyte	Technology	Method Name	ELAP Method Number
Picloram 2,4,5-TP (Silvex)	HPLC-UV	EPA 555	1601
	GC-ECD	ASTM D5317-93 & 98 (03)	1608
	GC-ECD	EPA 515.1	9086
	GC-ECD	EPA 515.2	1600
	GC-ECD	EPA 515.3	1607
	GC-ECD	EPA 515.4	1514
	HPLC-UV	EPA 555	1601

Organohalide Pesticides

Analyte	Technology	Method Name	ELAP Method Number
Alachlor	GC-ECD	EPA 505	9082
	GC-ECD	EPA 508.1	9085
	GC-ECD	EPA 551.1	5026
	GC-MS	EPA 525.2	9095
	GC-MS	EPA 525.3	1613
	GC-NPD	EPA 507	9081
Aldrin	GC-ECD	EPA 505	9082
	GC-ECD	EPA 508	9084
	GC-ECD	EPA 508.1	9085
	GC-MS	EPA 525.2	9095
Atrazine	GC-MS	EPA 525.3	1613
	COLOR	AG-625	6250
	GC-ECD	EPA 505	9082
	GC-ECD	EPA 508.1	9085
	GC-ECD	EPA 551.1	5026
	GC-MS	EPA 523	1612
	GC-MS	EPA 525.2	9095

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 22 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Organohalide Pesticides

Analyte	Technology	Method Name	ELAP Method Number
Atrazine	GC-MS	EPA 525.3	1613
	GC-NPD	EPA 507	9081
	HPLC-ESMS	EPA 536	1611
Butachlor	GC-ECD	EPA 508.1	9085
	GC-MS	EPA 525.2	9095
	GC-MS	EPA 525.3	1613
	GC-NPD	EPA 507	9081
Chlordane Total	GC-ECD	EPA 505	9082
	GC-ECD	EPA 508	9084
	GC-ECD	EPA 508.1	9085
	GC-MS	EPA 525.2	9095
	GC-MS	EPA 525.3	1613
Dieldrin	GC-ECD	EPA 505	9082
	GC-ECD	EPA 508	9084
	GC-ECD	EPA 508.1	9085
	GC-MS	EPA 525.2	9095
	GC-MS	EPA 525.3	1613
Endrin	GC-ECD	EPA 505	9082
	GC-ECD	EPA 508	9084
	GC-ECD	EPA 508.1	9085
	GC-ECD	EPA 551.1	5026
	GC-MS	EPA 525.2	9095
Heptachlor	GC-MS	EPA 525.3	1613
	GC-ECD	EPA 505	9082
	GC-ECD	EPA 508	9084
	GC-ECD	EPA 508.1	9085

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 23 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Organohalide Pesticides

Analyte	Technology	Method Name	ELAP Method Number
Heptachlor	GC-ECD	EPA 551.1	5026
	GC-MS	EPA 525.2	9095
	GC-MS	EPA 525.3	1613
Heptachlor epoxide	GC-ECD	EPA 505	9082
	GC-ECD	EPA 508	9084
	GC-ECD	EPA 508.1	9085
	GC-ECD	EPA 551.1	5026
	GC-MS	EPA 525.2	9095
	GC-MS	EPA 525.3	1613
	GC-ECD	EPA 505	9082
Lindane	GC-ECD	EPA 508	9084
	GC-ECD	EPA 508.1	9085
	GC-ECD	EPA 551.1	5026
	GC-MS	EPA 525.2	9095
	GC-MS	EPA 525.3	1613
	GC-ECD	EPA 505	9082
	GC-ECD	EPA 508	9084
Methoxychlor	GC-ECD	EPA 508.1	9085
	GC-ECD	EPA 551.1	5026
	GC-MS	EPA 525.2	9095
	GC-MS	EPA 525.3	1613
	GC-ECD	EPA 505	9082
	GC-ECD	EPA 508	9084
	GC-ECD	EPA 508.1	9085
Metolachlor	GC-ECD	EPA 551.1	5026
	GC-MS	EPA 525.2	9095
	GC-MS	EPA 525.3	1613
	GC-ECD	EPA 505	9082
	GC-ECD	EPA 508.1	9085

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 24 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Organohalide Pesticides

Analyte	Technology	Method Name	ELAP Method Number
Metolachlor	GC-NPD	EPA 507	9081
Metribuzin	GC-ECD	EPA 508.1	9085
	GC-ECD	EPA 551.1	5026
	GC-MS	EPA 525.2	9095
	GC-MS	EPA 525.3	1613
	GC-NPD	EPA 507	9081
Propachlor	GC-ECD	EPA 508	9084
	GC-ECD	EPA 508.1	9085
	GC-MS	EPA 525.2	9095
	GC-MS	EPA 525.3	1613
	GC-MS	EPA 525.3	1613
Simazine	GC-ECD	EPA 505	9082
	GC-ECD	EPA 508.1	9085
	GC-ECD	EPA 551.1	5026
	GC-MS	EPA 523	1612
	GC-MS	EPA 525.2	9095
	GC-MS	EPA 525.3	1613
	GC-NPD	EPA 507	9081
	HPLC-ESMS	EPA 536	1611
Toxaphene	GC-ECD	EPA 505	9082
	GC-ECD	EPA 508	9084
	GC-ECD	EPA 508.1	9085
	GC-MS	EPA 525.2	9095
	GC-MS	EPA 525.3	1613
Trifluralin	GC-ECD	EPA 508	9084
	GC-ECD	EPA 551.1	5026
	GC-ECD	EPA 617	6170

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 25 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Organohalide Pesticides

Analyte	Technology	Method Name	ELAP Method Number
Trifluralin	GC-MS	EPA 525.2	9095
	GC-MS	EPA 525.3	1613

Methylcarbamate Pesticides

Analyte	Technology	Method Name	ELAP Method Number
Aldicarb	HPLC-FLUOR	EPA 531.1	9083
	HPLC-FLUOR	EPA 531.2	5312
	HPLC-FLUOR	SM 21-23 6610 B (-04)	1602
Aldicarb Sulfone	HPLC-FLUOR	EPA 531.1	9083
	HPLC-FLUOR	EPA 531.2	5312
	HPLC-FLUOR	SM 21-23 6610 B (-04)	1602
Aldicarb Sulfoxide	HPLC-FLUOR	EPA 531.1	9083
	HPLC-FLUOR	EPA 531.2	5312
	HPLC-FLUOR	SM 21-23 6610 B (-04)	1602
Carbaryl	HPLC-FLUOR	EPA 531.1	9083
	HPLC-FLUOR	EPA 531.2	5312
	HPLC-FLUOR	SM 21-23 6610 B (-04)	1602
Carbofuran	HPLC-FLUOR	EPA 531.1	9083
	HPLC-FLUOR	EPA 531.2	5312
	HPLC-FLUOR	SM 21-23 6610 B (-04)	1602
3-Hydroxy Carbofuran	HPLC-FLUOR	EPA 531.1	9083
	HPLC-FLUOR	EPA 531.2	5312
	HPLC-FLUOR	SM 21-23 6610 B (-04)	1602
Methomyl	HPLC-FLUOR	EPA 531.1	9083
	HPLC-FLUOR	EPA 531.2	5312
	HPLC-FLUOR	SM 21-23 6610 B (-04)	1602
Oxamyl	HPLC-FLUOR	EPA 531.1	9083

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Potable Water	04/22/2022	26 of 49	180.1

Methylcarbamate Pesticides

Analyte	Technology	Method Name	ELAP Method Number
Oxamyl	HPLC-FLUOR	EPA 531.2	5312
	HPLC-FLUOR	SM 21-23 6610 B (-04)	1602

Miscellaneous

Analyte	Technology	Method Name	ELAP Method Number
Turbidity	COLOR	EPA 180.1 Rev. 2.0	1166
	COLOR	GLI Method 2	1167
	COLOR	Hach FilterTrak Method 10133	1168
	COLOR	Mitchel Method M5331 (Rev. 1.1)	1192
	COLOR	Mitchell Method M5271 (Rev. 1.1)	1191
	COLOR	Orion Method AQ4500 (Rev. 5)	1193
	COLOR	SM 21-23 2130 B (-01)	1165
	TURB	AMI Turbiwell Method	1205
	TURB	HACH 10258	1216
Asbestos	TEM	EPA 100.1	7300
	TEM	EPA 100.2	7301
Benzo(a)pyrene	GC-MS	EPA 525.2	9095
	GC-MS	EPA 525.3	1613
	HPLC-UV	EPA 550	9093
1,3-Butadiene	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
Di (2-ethylhexyl) adipate	GC-MS	EPA 525.2	9095
	GC-MS	EPA 525.3	1613
	GC-PID	EPA 506	9090
Bis(2-ethylhexyl) phthalate	GC-MS	EPA 525.2	9095
	GC-MS	EPA 525.3	1613
	GC-PID	EPA 506	9090

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Potable Water	04/22/2022	27 of 49	180.1

Miscellaneous

Analyte	Technology	Method Name	ELAP Method Number
2,3,7,8-Tetrachlorodibenzo-p-dioxin	GC-HRMS	EPA 1613B	9092
Diquat	HPLC-UV	EPA 549.2	1610
Endothall	GC-MS	EPA 548.1	9088
Glyphosate	HPLC-UV	EPA 547	9089
	HPLC-UV	SM 20-23 6651 (-00,-05)	1604
Hexachlorobenzene	GC-ECD	EPA 505	9082
	GC-ECD	EPA 508	9084
	GC-ECD	EPA 508.1	9085
	GC-ECD	EPA 551.1	5026
	GC-MS	EPA 525.2	9095
	GC-MS	EPA 525.3	1613
Hexachlorocyclopentadiene	GC-ECD	EPA 505	9082
	GC-ECD	EPA 508	9084
	GC-ECD	EPA 508.1	9085
	GC-ECD	EPA 551.1	5026
	GC-MS	EPA 525.2	9095
	GC-MS	EPA 525.3	1613
Methyl iodide	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
Odor	99	SM 21-23 2150 B (-97)	1403
Organic Carbon, Dissolved	IR	EPA 415.3 Rev. 1.1	1186
	IR	EPA 415.3 Rev. 1.2	1199
	IR	SM 21-22 5310D (-00)	2579
	IR	SM 21-23 5310B (-00)	2577
	IR	SM 21-23 5310C (-00)	2578

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 28 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Miscellaneous

Analyte	Technology	Method Name	ELAP Method Number
Organic Carbon, Total	IR	EPA 415.2	2292
	IR	SM 21-22 5310D (-00)	2579
	IR	SM 21-23 5310B (-00)	2577
	IR	SM 21-23 5310C (-00)	2578
Perchlorate	HPLC-ESMS	EPA 331.0	3310
	HPLC-ESMS	EPA 332.0 Rev. 1	1248
	IC-COND	EPA 314.0	3140
Surfactant (MBAS)	COLOR	ASTM D2330-88 & 02	2403
	COLOR	SM 21-23 5540C (-00)	9077
UV 254	COLOR	SM 21-23 5910B (-00,-11)	5910
Total Glycol	COLOR	NYSDOH APC 44	1148
Ethylene Glycol	GC-FID	Westchester County FID Method	1149
Propylene Glycol	GC-FID	Westchester County FID Method	1149
1,4-Dioxane	GC-MS	EPA 522	5022

Polychlorinated Biphenyls

Analyte	Technology	Method Name	ELAP Method Number
PCB Screen	GC-ECD	EPA 505	9082
	GC-ECD	EPA 508	9084
	GC-ECD	EPA 508.1	9085
	GC-MS	EPA 525.2	9095
	GC-MS	EPA 525.3	1613
PCB, Total (as decachlorobiphenyl)	GC-ECD	EPA 508A	5025

Trihalomethanes

Analyte	Technology	Method Name	ELAP Method Number
Bromodichloromethane	GC-ECD	EPA 551.1	5026
	GC-MS	EPA 524.2	5105

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 29 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Trihalomethanes

Analyte	Technology	Method Name	ELAP Method Number
Bromodichloromethane	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
Bromoform	GC-ECD	EPA 551.1	5026
	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
Dibromochloromethane	GC-ECD	EPA 551.1	5026
	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
Chloroform	GC-ECD	EPA 551.1	5026
	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
Total Trihalomethanes	GC-ECD	EPA 551.1	5026
	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101

Radiological Analytes

Analyte	Technology	Method Name	ELAP Method Number
Gross Alpha	PROP CNT	EPA 1976 pp.1-3	7014

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 30 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Radiological Analytes

Analyte	Technology	Method Name	ELAP Method Number
Gross Alpha	PROP CNT	EPA 1979 p.1	3552
	PROP CNT	EPA 1984 00-01	3551
	PROP CNT	EPA 1984 00-02	3556
	PROP CNT	EPA 1987 00-02	3557
	PROP CNT	EPA 900.0	9135
	PROP CNT	NJDHSS ECLS-R-GA (Rev. 8)	8333
	PROP CNT	SM 13 302	3554
	PROP CNT	SM 21-23 7110B (-00)	3553
	PROP CNT	SM 21-23 7110C (-00)	9300
	PROP CNT	USGS R-1120-76	3555
	Gross Beta	PROP CNT	EPA 1976 pp.1-3
PROP CNT		EPA 1979 p.1	3552
PROP CNT		EPA 1984 00-01	3551
PROP CNT		EPA 1984 00-02	3556
PROP CNT		EPA 1987 00-02	3557
PROP CNT		EPA 900.0	9135
PROP CNT		NJDHSS ECLS-R-GA (Rev. 8)	8333
PROP CNT		SM 13 302	3554
PROP CNT		SM 21-23 7110B (-00)	3553
PROP CNT		USGS R-1120-76	3555
Gamma Emitters		GAMMA CNT	ASTM D3649-91, 98(A), 06
	GAMMA CNT	DOE Ga-01-R	1151
	GAMMA CNT	EPA 1979,P.92	9355
	GAMMA CNT	EPA 901.1	9144
	GAMMA CNT	HASL 300 1990 Ga-01-R sec 4.5.2.3	9299
	GAMMA CNT	HASL 300 1997 GA-01-R sec 4.5.2.3	9302

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 31 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Radiological Analytes

Analyte	Technology	Method Name	ELAP Method Number
Gamma Emitters	GAMMA CNT	SM 21-23 7120 (-97)	9354
	GAMMA CNT	USGS R-1110-76	9353
Radioactive Cesium	GAMMA CNT	ASTM D3649-91, 98(A), 06	9307
	GAMMA CNT	EPA 1979,P.92	9355
	GAMMA CNT	EPA 901.1	9144
	GAMMA CNT	HASL 300 1990 Ga-01-R sec 4.5.2.3	9299
	GAMMA CNT	HASL 300 1997 GA-01-R sec 4.5.2.3	9302
	GAMMA CNT	SM 21-23 7120 (-97)	9354
	GAMMA CNT	USGS R-1110-76	9353
	PROP CNT	ASTM D2459-72	9304
	PROP CNT	EPA 1976 p.4	7016
	PROP CNT	SM 21-23 7500-Cs B (-00)	9303
	PROP CNT	USGS R-1111-76	9357
	SCIN CNT	EPA 901.0	9336
	Iodine-131	GAMMA CNT	ASTM D3649-91, 98(A), 06
GAMMA CNT		ASTM D4785-93, 00(A), 08	9358
GAMMA CNT		EPA 1979,P.92	9355
GAMMA CNT		EPA 901.1	9144
GAMMA CNT		HASL 300 1990 Ga-01-R sec 4.5.2.3	9299
GAMMA CNT		HASL 300 1997 GA-01-R sec 4.5.2.3	9302
GAMMA CNT		SM 21-23 7120 (-97)	9354
PROP CNT		EPA 1976, P. 6,9	9305
PROP CNT		EPA 902.0	9137
PROP CNT		SM 21-23 7500-I B,C,D (-00)	9306
Plutonium	99	EPA 1979, P. 33	9310
	PROP CNT	EPA 907.0	9308

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 32 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Radiological Analytes

Analyte	Technology	Method Name	ELAP Method Number
Radium-226	GAMMA CNT	GIT HPGE/Ge(Li) Method	1150
	GAMMA CNT	Ra-NY 03	9370
	PROP CNT	ASTM D2460-97, 07	9362
	PROP CNT	EPA 1984 Ra-03	9319
	PROP CNT	EPA 903.0	9318
	PROP CNT	EPA 905.0	9313
	PROP CNT	SM 13 304	9364
	PROP CNT	SM 13 305	9360
	PROP CNT	SM 21-23 7500-Ra B (-01)	9361
	PROP CNT	USGS R-1140-76	9363
	SCIN CNT	ASTM D3454-91, 97, 05	9315
	SCIN CNT	DOE Ra-04	9359
	SCIN CNT	EPA 1976 p.16-23	7022
	SCIN CNT	EPA 1979 p.19	1152
	SCIN CNT	EPA 1984 Ra-04	9312
	SCIN CNT	EPA 903.1	9112
	SCIN CNT	NYS Ra-02	9317
	SCIN CNT	SM 21-23 7500-Ra C (-01)	9314
	SCIN CNT	USGS R-1141-76	9316
	Radium-228	GAMMA CNT	GIT HPGE/Ge(Li) Method
GAMMA CNT		Ra-NY 03	9370
PROP CNT		EPA 1976,PP.24	9320
PROP CNT		EPA 1979,P.19	9322
PROP CNT		EPA 1984 Ra-05	9321
PROP CNT		EPA 904.0	7040
PROP CNT		NJ 1980	9326

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 33 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Radiological Analytes

Analyte	Technology	Method Name	ELAP Method Number	
Radium-228	PROP CNT	NYS Ra-02	9325	
	PROP CNT	SM 13 304	9364	
	PROP CNT	SM 21-23 7500-Ra D (-01)	9323	
	PROP CNT	USGS R-1142-76	9324	
	SCIN CNT	EPA 1979 p.19	1152	
Radon	SCIN CNT	ASTM D5072-92	9369	
	SCIN CNT	EPA 913	9327	
	SCIN CNT	SM 20-22 7500-Rn B(-06)	9368	
	PROP CNT	DOE 1990 Sr-01	9333	
Strontium-89	PROP CNT	EPA 1976 p.29	7026	
	PROP CNT	EPA 1984 Sr-04	9334	
	PROP CNT	EPA 905.0	9313	
	PROP CNT	HASL 300 1990 Sr-01,02-RC (GPC)	9335	
	PROP CNT	HASL 300 1997 Sr-01,02-RC (GPC)	9337	
	PROP CNT	SM 13 303	9365	
	PROP CNT	SM 21-23 7500-Sr B (-01)	9331	
	PROP CNT	USGS R-1160-76	9332	
	Strontium-90	PROP CNT	DOE 1990 Sr-01	9333
		PROP CNT	EPA 1976 p.29	7026
PROP CNT		EPA 1979,p 65	9330	
PROP CNT		EPA 1984 Sr-04	9334	
PROP CNT		EPA 905.0	9313	
PROP CNT		HASL 300 1990 Sr-01,02-RC (GPC)	9335	
PROP CNT		HASL 300 1997 Sr-01,02-RC (GPC)	9337	
PROP CNT		SM 13 303	9365	
PROP CNT		SM 21-23 7500-Sr B (-01)	9331	

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 34 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Radiological Analytes

Analyte	Technology	Method Name	ELAP Method Number
Strontium-90	PROP CNT	USGS R-1160-76	9332
Tritium	SCIN CNT	ASTM D4107-91, 98(02), 08	9339
	SCIN CNT	EPA 1976 p. 34	7028
	SCIN CNT	EPA 1979 p. 87	1153
	SCIN CNT	EPA 1984 H-02	1154
	SCIN CNT	EPA 906.0	2086
	SCIN CNT	SM 13 306	9366
	SCIN CNT	SM 21-23 7500-3H B (-00)	9338
	SCIN CNT	USGS R-1171-76	9340
Uranium (Activity)	99	EPA 1979, P. 33	9310
	99	EPA 1984 00-07	9343
	99	EPA 908.0	7039
	99	SM 21-23 7500-U C (-00)	9345
	99	USGS R-1182-76	9346
	AS	ASTM D3972-97, 02, & 09	9342
	AS	HASL 300 1990 U-02-RC	9356
	AS	HASL 300 1997 U-02-RC	9347
	COLOR	ASTM D2907-97	9349
	COLOR	ASTM D5174-97, 02 & 07	9367
	PROP CNT	SM 21-23 7500-U B (-00)	9341
	SCIN CNT	ASTM D6239-09	3126

Volatile Halocarbons

Analyte	Technology	Method Name	ELAP Method Number
Bromochloromethane	GC-ECD	EPA 551.1	5026
	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 35 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Volatile Halocarbons

Analyte	Technology	Method Name	ELAP Method Number
Bromochloromethane	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
Bromomethane	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
Carbon tetrachloride	GCELCD/PID	EPA 502.2	5101
	GC-ECD	EPA 551.1	5026
	GC-MS	EPA 524.2	5105
Chloroethane	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
	GC-MS	EPA 524.2	5105
Chloromethane	GCELCD/PID	EPA 502.2	5101
	GC-MS	EPA 524.2	5105
Dibromomethane	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
	GC-MS	EPA 524.2	5105
Dichlorodifluoromethane	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
	GC-MS	EPA 524.2	5105
1,1-Dichloroethane	GC-MS	EPA 524.2	5105

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 36 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Volatile Halocarbons

Analyte	Technology	Method Name	ELAP Method Number
1,1-Dichloroethane	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
1,2-Dichloroethane	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
1,1-Dichloroethene	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
cis-1,2-Dichloroethene	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
trans-1,2-Dichloroethene	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
1,2-Dichloropropane	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
1,3-Dichloropropane	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 37 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Volatile Halocarbons

Analyte	Technology	Method Name	ELAP Method Number
1,3-Dichloropropane	GCELCD/PID	EPA 502.2	5101
2,2-Dichloropropane	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
1,1-Dichloropropene	GCELCD/PID	EPA 502.2	5101
	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
cis-1,3-Dichloropropene	GCELCD/PID	EPA 502.2	5101
	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
trans-1,3-Dichloropropene	GCELCD/PID	EPA 502.2	5101
	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
Methylene chloride	GCELCD/PID	EPA 502.2	5101
	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
1,1,1,2-Tetrachloroethane	GCELCD/PID	EPA 502.2	5101
	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
1,1,2,2-Tetrachloroethane	GCELCD/PID	EPA 502.2	5101
	GC-MS	EPA 524.2	5105

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Potable Water	04/22/2022	38 of 49	180.1

Volatile Halocarbons

Analyte	Technology	Method Name	ELAP Method Number	
1,1,2,2-Tetrachloroethane	GC-MS	EPA 524.3 Rev. 1	5243	
	GC-MS	EPA 524.4	5244	
	GCELCD/PID	EPA 502.2	5101	
Tetrachloroethene	GC-ECD	EPA 551.1	5026	
	GC-MS	EPA 524.2	5105	
	GC-MS	EPA 524.3 Rev. 1	5243	
	GC-MS	EPA 524.4	5244	
	GCELCD/PID	EPA 502.2	5101	
	1,1,1-Trichloroethane	GC-ECD	EPA 551.1	5026
		GC-MS	EPA 524.2	5105
GC-MS		EPA 524.3 Rev. 1	5243	
GC-MS		EPA 524.4	5244	
GCELCD/PID		EPA 502.2	5101	
1,1,2-Trichloroethane	GC-ECD	EPA 551.1	5026	
	GC-MS	EPA 524.2	5105	
	GC-MS	EPA 524.3 Rev. 1	5243	
	GC-MS	EPA 524.4	5244	
	GCELCD/PID	EPA 502.2	5101	
Trichloroethene	GC-ECD	EPA 551.1	5026	
	GC-MS	EPA 524.2	5105	
	GC-MS	EPA 524.3 Rev. 1	5243	
	GC-MS	EPA 524.4	5244	
	GCELCD/PID	EPA 502.2	5101	
Trichlorofluoromethane	GC-MS	EPA 524.2	5105	
	GC-MS	EPA 524.3 Rev. 1	5243	
	GC-MS	EPA 524.4	5244	

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Potable Water	04/22/2022	39 of 49	180.1

Volatile Halocarbons

Analyte	Technology	Method Name	ELAP Method Number
Trichlorofluoromethane 1,2,3-Trichloropropane	GCELCD/PID	EPA 502.2	5101
	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
Vinyl chloride	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101

Volatile Aromatics

Analyte	Technology	Method Name	ELAP Method Number
Benzene	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
Bromobenzene	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
n-Butylbenzene	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
sec-Butylbenzene	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 40 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Volatile Aromatics

Analyte	Technology	Method Name	ELAP Method Number
sec-Butylbenzene	GCELCD/PID	EPA 502.2	5101
tert-Butylbenzene	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
Chlorobenzene	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
2-Chlorotoluene	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
4-Chlorotoluene	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
1,2-Dichlorobenzene	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
1,3-Dichlorobenzene	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
1,4-Dichlorobenzene	GC-MS	EPA 524.2	5105

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 41 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Volatile Aromatics

Analyte	Technology	Method Name	ELAP Method Number
1,4-Dichlorobenzene	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
Ethyl benzene	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
Hexachlorobutadiene	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
Isopropylbenzene	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
p-Isopropyltoluene (P-Cymene)	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
n-Propylbenzene	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
Styrene	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 42 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Volatile Aromatics

Analyte	Technology	Method Name	ELAP Method Number
Styrene	GCELCD/PID	EPA 502.2	5101
Toluene	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
1,2,3-Trichlorobenzene	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
1,2,4-Trichlorobenzene	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
1,2,4-Trimethylbenzene	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
1,3,5-Trimethylbenzene	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101
Total Xylenes	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
	GCELCD/PID	EPA 502.2	5101

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Potable Water	04/22/2022	43 of 49	180.1

Microextractables

Analyte	Technology	Method Name	ELAP Method Number
1,2-Dibromoethane, Low Level	GC-ECD	EPA 504.1	5103
	GC-ECD	EPA 551.1	5026
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
1,2-Dibromo-3-chloropropane, Low Level	GC-ECD	EPA 504.1	5103
	GC-ECD	EPA 551.1	5026
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
1,2,3-Trichloropropane, Low Level	GC-ECD	EPA 504.1	5103

Disinfection By-products

Analyte	Technology	Method Name	ELAP Method Number
Bromate	IC	EPA 300.1 Rev. 1.0	2458
	IC	EPA 321.8	1146
	IC	EPA 326.0	1145
	IC-COND	ASTM D6581-00 & 08 (A)	6581
	IC-COND	ASTM D6581-08 (B)	6582
	IC-COND	EPA 302.0	1197
	IC-ESI-MS	EPA 557	1198
	IC-UV	EPA 317.0 Rev. 2.0	3170
Bromide	IC	EPA 300.0 Rev. 2.1	2459
	IC	EPA 300.1 Rev. 1.0	2458
Chlorate	IC	EPA 300.0 Rev. 2.1	2459
	IC	EPA 300.1 Rev. 1.0	2458
Chlorite	AMP	SM 21-23 4500 ClO2 E (-00)	2462
	COLOR	EPA 327.0 Rev. 1.1	1147
	IC	EPA 300.0 Rev. 2.1	2459

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 44 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Disinfection By-products

Analyte	Technology	Method Name	ELAP Method Number
Chlorite	IC	EPA 300.1 Rev. 1.0	2458
	IC	EPA 326.0	1145
	IC-COND	ASTM D6581-00 & 08 (A)	6581
	IC-COND	ASTM D6581-08 (B)	6582
	IC-UV	EPA 317.0 Rev. 2.0	3170
Dibromoacetic acid	GC-ECD	EPA 552.1	5020
	GC-ECD	EPA 552.2	5018
	GC-ECD	EPA 552.3	1156
	GC-ECD	SM 21-23 6251B (-94,-07)	5019
	IC-ESI-MS	EPA 557	1198
	IC-UV	Thermo Fisher EPA 557.1	1253
Dichloroacetic acid	GC-ECD	EPA 552.1	5020
	GC-ECD	EPA 552.2	5018
	GC-ECD	EPA 552.3	1156
	GC-ECD	SM 21-23 6251B (-94,-07)	5019
	IC-ESI-MS	EPA 557	1198
	IC-UV	Thermo Fisher EPA 557.1	1253
Monobromoacetic acid	GC-ECD	EPA 552.1	5020
	GC-ECD	EPA 552.2	5018
	GC-ECD	EPA 552.3	1156
	GC-ECD	SM 21-23 6251B (-94,-07)	5019
	IC-ESI-MS	EPA 557	1198
	IC-UV	Thermo Fisher EPA 557.1	1253
Monochloroacetic acid	GC-ECD	EPA 552.1	5020
	GC-ECD	EPA 552.2	5018
	GC-ECD	EPA 552.3	1156

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 45 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Disinfection By-products

Analyte	Technology	Method Name	ELAP Method Number
Monochloroacetic acid	GC-ECD	SM 21-23 6251B (-94,-07)	5019
	IC-ESI-MS	EPA 557	1198
	IC-UV	Thermo Fisher EPA 557.1	1253
Trichloroacetic acid	GC-ECD	EPA 552.1	5020
	GC-ECD	EPA 552.2	5018
	GC-ECD	EPA 552.3	1156
	GC-ECD	SM 21-23 6251B (-94,-07)	5019
	IC-ESI-MS	EPA 557	1198
	IC-UV	Thermo Fisher EPA 557.1	1253
Bromochloroacetic acid	GC-ECD	EPA 552.1	5020
	GC-ECD	EPA 552.2	5018
	GC-ECD	EPA 552.3	1156
	GC-ECD	SM 21-23 6251B (-94,-07)	5019
	IC-ESI-MS	EPA 557	1198
	IC-UV	Thermo Fisher EPA 557.1	1253

Fuel Additives

Analyte	Technology	Method Name	ELAP Method Number
Di-isopropyl ether	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
Naphthalene	GC-MS	EPA 524.2	5105
	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
Methyl acetate	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
Methyl tert-butyl ether	GC-ELCD	SM 20-22 6200C (-97)	5107
	GC-MS	EPA 524.2	5105

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 46 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Fuel Additives

Analyte	Technology	Method Name	ELAP Method Number
Methyl tert-butyl ether	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
tert-amyl methyl ether (TAME)	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
tert-butyl alcohol	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244
tert-butyl ethyl ether (ETBE)	GC-MS	EPA 524.3 Rev. 1	5243
	GC-MS	EPA 524.4	5244

Dissolved Gases

Analyte	Technology	Method Name	ELAP Method Number
Acetylene	GC-FID	RSK-175	1285
	GC-TCD	RSK-175	1289
Ethane	GC-FID	RSK-175	1285
	GC-TCD	RSK-175	1289
Ethene (Ethylene)	GC-FID	RSK-175	1285
	GC-TCD	RSK-175	1289
Methane	GC-FID	RSK-175	1285
	GC-TCD	RSK-175	1289
Propane	GC-FID	RSK-175	1285
	GC-TCD	RSK-175	1289

Perfluorinated Alkyl Acids

Analyte	Technology	Method Name	ELAP Method Number
Perfluorooctanoic Acid (PFOA)	LC-MS/MS	EPA 533	1306
	LC-MS/MS	EPA 537	9104
	LC-MS/MS	EPA 537.1	9106
	LC-MS/MS	ISO 25101	9105

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 47 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Perfluorinated Alkyl Acids

Analyte	Technology	Method Name	ELAP Method Number
Perfluorooctanesulfonic Acid (PFOS)	LC-MS/MS	EPA 533	1306
	LC-MS/MS	EPA 537	9104
	LC-MS/MS	EPA 537.1	9106
	LC-MS/MS	ISO 25101	9105
Perfluorononanoic Acid (PFNA)	LC-MS/MS	EPA 533	1306
	LC-MS/MS	EPA 537	9104
	LC-MS/MS	EPA 537.1	9106
Perfluorohexanesulfonic Acid (PFHXS)	LC-MS/MS	EPA 533	1306
	LC-MS/MS	EPA 537	9104
	LC-MS/MS	EPA 537.1	9106
Perfluoroheptanoic Acid (PFHPA)	LC-MS/MS	EPA 533	1306
	LC-MS/MS	EPA 537	9104
	LC-MS/MS	EPA 537.1	9106
Perfluorobutanesulfonic Acid (PFBS)	LC-MS/MS	EPA 533	1306
	LC-MS/MS	EPA 537	9104
	LC-MS/MS	EPA 537.1	9106
Hexafluoropropylene Oxide Dimer Acid	LC-MS/MS	EPA 533	1306
	LC-MS/MS	EPA 537.1	9106
NETFOSAA	LC-MS/MS	EPA 537	9104
	LC-MS/MS	EPA 537.1	9106
NMEFOSAA	LC-MS/MS	EPA 537	9104
	LC-MS/MS	EPA 537.1	9106
Perfluorodecanoic Acid (PFDA)	LC-MS/MS	EPA 533	1306
	LC-MS/MS	EPA 537	9104
	LC-MS/MS	EPA 537.1	9106
Perfluorododecanoic Acid (PFDOA)	LC-MS/MS	EPA 533	1306

SUBJECT	DATE	PAGE	Item No.
Approved Methods: Potable Water	04/22/2022	48 of 49	180.1

Perfluorinated Alkyl Acids

Analyte	Technology	Method Name	ELAP Method Number
Perfluorododecanoic Acid (PFDOA)	LC-MS/MS	EPA 537	9104
	LC-MS/MS	EPA 537.1	9106
Perfluorohexanoic Acid (PFHXA)	LC-MS/MS	EPA 533	1306
	LC-MS/MS	EPA 537	9104
	LC-MS/MS	EPA 537.1	9106
Perfluorotetradecanoic Acid (PFTA)	LC-MS/MS	EPA 537	9104
	LC-MS/MS	EPA 537.1	9106
Perflourotridecanoic Acid (PFTRDA)	LC-MS/MS	EPA 537	9104
	LC-MS/MS	EPA 537.1	9106
Perfluoroundecanoic Acid (PFUNA)	LC-MS/MS	EPA 533	1306
	LC-MS/MS	EPA 537	9104
	LC-MS/MS	EPA 537.1	9106
11CL-PF3OUDS	LC-MS/MS	EPA 533	1306
	LC-MS/MS	EPA 537.1	9106
9CL-PF3ONS	LC-MS/MS	EPA 533	1306
	LC-MS/MS	EPA 537.1	9106
ADONA	LC-MS/MS	EPA 533	1306
	LC-MS/MS	EPA 537.1	9106
Nonafluoro-3,6-Dioxaheptanoic Acid	LC-MS/MS	EPA 533	1306
Perfluorobutanoic Acid (PFBA)	LC-MS/MS	EPA 533	1306
8:2FTS	LC-MS/MS	EPA 533	1306
PFEESA	LC-MS/MS	EPA 533	1306
Perfluoroheptanesulfonic Acid (PFHPS)	LC-MS/MS	EPA 533	1306
4:2FTS	LC-MS/MS	EPA 533	1306
Perfluoro-3-Methoxypropanoic Acid	LC-MS/MS	EPA 533	1306
Perfluoro-4-Methoxybutanoic Acid	LC-MS/MS	EPA 533	1306

SUBJECT Approved Methods: Potable Water	DATE 04/22/2022	PAGE 49 of 49	Item No. 180.1
---	---------------------------	-------------------------	--------------------------

Perfluorinated Alkyl Acids

Analyte	Technology	Method Name	ELAP Method Number
6:2FTS	LC-MS/MS	EPA 533	1306
Perfluoropentanoic Acid (PFPEA)	LC-MS/MS	EPA 533	1306
Perfluoropentanesulfonic Acid (PFPES)	LC-MS/MS	EPA 533	1306