

2019 BOTTLED WATER QUALITY REPORT
Aqua Blox & Literz

Manufacturer's Name: Ready America, Inc.

Address: 1399 Specialty Drive, Vista, CA 92081

Telephone Number: 1-800-959-4053

Source(s): Municipal Water Miami-Dade Water Authority - Town of Medley

Treatment Process: Carbon filtration, purified by reverse osmosis, ultra violet light, and ultra high temperature pasteurization

DEFINITIONS:

- **Statement of quality:** The quality standards of bottled water provide the maximum legal limits for a variety of substances that are allowed in bottled water, along with their monitoring requirements. The substances include microbiological contaminants, pesticides, inorganic contaminants, organic contaminants, radiological contaminants, and others. The standards have been established by the United States Food and Drug Administration (FDA), based on the public drinking water standards of the United States Environmental Protection Agency (USEPA). CDPH adopts the FDA regulations pertinent to the quality standards of bottled water.
- **Maximum contaminant level (MCL):** MCL is the maximum level of a contaminant allowed in public drinking water.
- **Primary drinking water standards (PDWS):** PDWS are set to provide the maximum feasible protection to public health. The goal of setting PDWS is to identify MCLs, along with their monitoring and reporting requirements, which prevent adverse health effects. PDWS are established as close to the public health goal (PHG) or the maximum contaminant level goal (MCLG) as is economically and technologically feasible.
- **Public health goal (PHG):** PHG is the level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

SOURCE WATER:

The sources of bottled water include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water naturally travels over the surface of the land or through the ground, it can pick up naturally occurring substances as well as substances that are present due to animal and human activity. Substances that may be present in the source water include any of the following:

- (1) Inorganic substances, including, but not limited to, salts and metals, that can be naturally occurring or result from farming, urban storm water runoff, industrial or domestic wastewater discharges, or oil and gas production.
- (2) Pesticides and herbicides that may come from a variety of sources, including, but not limited to, agriculture, urban storm water runoff, and residential uses.
- (3) Organic substances that are byproducts of industrial processes and petroleum production and can also come from gas stations, urban storm water runoff, agricultural application, and septic systems.
- (4) Microbial organisms that may come from wildlife, agricultural livestock operations, sewage treatment plants, and septic systems.
- (5) Substances with radioactive properties that can be naturally occurring or be the result of oil and gas production and mining activities.”

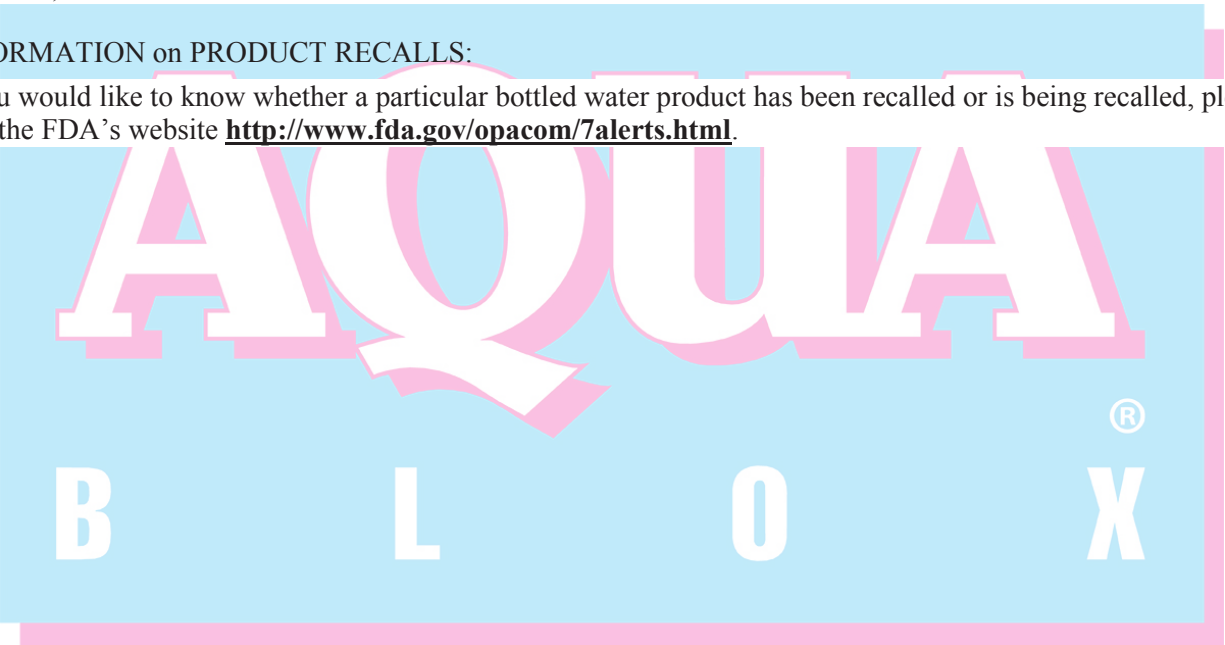
CONTAMINANTS IN WATER:

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the United States Food and Drug Administration, Food and Cosmetic Hotline (1-888-723-3366). In order to ensure that bottled water is safe to drink, the United States Food and Drug Administration and the State Department of Public Health prescribe laws and regulations that limit the amount of certain contaminants in water provided by bottled water companies.

Some persons may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons, including, but not limited to, persons with cancer who are undergoing chemotherapy, persons who have undergone organ transplants, persons with HIV/AIDS or other immune system disorders, some elderly persons, and infants can be particularly at risk from infections. These persons should seek advice about drinking water from their health care providers. The United States Environmental Protection Agency and the Centers for Disease Control and Prevention guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

INFORMATION on PRODUCT RECALLS:

If you would like to know whether a particular bottled water product has been recalled or is being recalled, please visit the FDA's website <http://www.fda.gov/opacom/7alerts.html>.



Acknowledgement of Samples Received

Addr: **Ready America, Inc.**
 1399 Specialty Drive
 Vista, CA 92081

Client ID: MAYDAY_IND
 Folder #: 806461
 Project: BW
 Sample Group: 50 state annual

Project Manager: Denyce Sugarman
 Phone: 919-413-3444

The following samples were received from you on **May 21, 2019 at 14:39**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using Eurofins Eaton Analytical, LLC.

Sample #	Sample ID	Sample Date
201905220009	3/13/2019 Aquablox Lot 279 Best Before 01 May 20229 (10 Year Shelf-Life) 1L	05/22/2019 0813
	@2378-TCDD_Dioxin @331-2PPB @505	
	@515.4 @525 @531	
	@549 @551SODA @900	
	@ANIONS28 @ANIONS48 @DBP_14	
	@DBP_28 @HAA @ICP	
	@ICPMS Alkalinity in CaCO3 units Anion Sum - Calculated	
	Apparent Color Asbestos by TEM - >10 microns Bicarb.Alkalinity as HCO3,calc	
	Bromate by UV/VIS Carbon Dioxide,Free(25C)-Calc. Carbonate as CO3, Calculated	
	Cation Sum - Calculated Chloramines Chlorine Dioxide	
	Cyanide Endothall Fluoride	
	Free Chlorine Residual Glyphosate Heterotrophic Plate Count	
	Hydroxide as OH, Calculated Langelier Index - 25 degree Mercury	
	Odor at 60 C (TON) pH of CaCO3 saturation(25C) PH, Bottled Water	
	Phenolic Compounds-low level Specific Conductance Surfactants	
	Total Chlorine Residual Total Dissolved Solid (TDS) Total Hardness as CaCO3 by ICP	
	Turbidity @ACOPEDD @BETAEDD	
	@QUANT2000 18HR @R226EDD @R228EDD	
	@VOASDWA	

Test Description

- @2378-TCDD_Dioxin -- 2,3,7,8-TCDD_Dioxin
- @331-2PPB -- Perchlorate by EPA 331.0
- @505 -- Organochlorine Pesticides/PCBs
- @515.4 -- Chlorophenoxy Herbicides
- @525 -- Semivolatiles by GCMS
- @531 -- Aldicarbs
- @549 -- Diquat and Paraquat
- @551SODA -- EDB/DBCP/HAN by EPA 551.1
- @900 -- Gross Alpha/Beta Radiation
- @ANIONS28 -- Chloride, Sulfate by EPA 300.0
- @ANIONS48 -- Nitrate, Nitrite by EPA 300.0
- @DBP_14 -- Chlorite by 300.0
- @DBP_28 -- Disinfection ByProducts by 300.0

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Sample #	Sample ID	Sample Date
	@HAA -- Haloacetic Acids	
	@ICP -- ICP Metals	
	@ICPMS -- ICPMS Metals	
	@ACOPEDD -- Gross Alpha/Beta Radiation	
	@BETAEDD -- Gross Beta (Sub)	
	@QUANT2000 18HR -- Quantitray Coliforms 18 Hour	
	@R226EDD -- Radium 226 (Sub)	
	@R228EDD -- Radium 228 (Sub)	
	@VOASDWA -- Volatile Organics by GCMS	



750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: (626) 386-1100
Fax: (866) 988-3757
1 800 566 LABS (1 800 566 5227)

Client: Ready America, Inc.
1399 Specialty Drive
Vista, CA 92081

Report Date: 06/20/2019
Date Received: 05/21/2019
Sample No: 201905220009

Sample Id: 3/13/2019 Aquablox Lot 279 Best Before 01 May 20229 (10 Year Shelf-Life) 1L
Date Sampled: 5/22/2019

Investigation: Analysis per Title 21, Federal Code of Regulations 165.110 - California Limits

ANALYTICAL RESULTS

Parameter	Method	Reporting Limit	Dilution	Result	SOQ
GROUP I					
PHYSICAL					
Apparent Color (ACU)	SM 2120B	3.0	1	ND ACU	15
Odor at 60 C (TON)	SM 2150B	1.0	1	2.0 TON	3
pH (Units)	4500HB/E 150	0.10	1	7.0	8.5
Specific Conductance (uS/cm)	SM2510B	2.0	1	44	no std
Total Dissolved Solid (TDS)	SM 2540C	10	1	25	500
Turbidity (NTU)	EPA 180.1	0.10	1	ND NTU	5
GROUP II					
CHEMICAL SUBSTANCE 1					
		Milligrams per Liter			
Alkalinity in CaCO3 units	SM 2320B	2.0	1	7.9	no std
Aluminum	EPA 200.8	0.020	1	0.020	0.2
Antimony	EPA 200.8	0.0010	1	ND	0.006
Arsenic	EPA 200.8	0.0010	1	ND	0.010
Asbestos by TEM - >10 microns (MFL)	EPA 100.2	0.20	1	ND	no std
Barium	EPA 200.8	0.0020	1	ND	2
Beryllium	EPA 200.8	0.0010	1	ND	0.004
Bicarb Alkalinity as HCO3	SM2330B	2.0	1	9.6	no std
Cadmium	EPA 200.8	0.00050	1	ND	0.005
Calcium	EPA 200.7	1.0	1	ND	no std
Carbonate as CO3	SM2330B	2.0	1	ND	no std
Chloride	EPA 300.0	0.50	1	6.6	250
Chromium	EPA 200.8	0.0010	1	ND	0.1
Copper	EPA 200.8	0.0020	1	ND	1.0
Corrosivity (units)	SM 2330B	-14	1	-3.8	no std
Cyanide	SM 4500CN-F	0.025	1	ND	0.2
Fluoride	SM 4500F-C	0.050	1	0.12	1.4
Hydroxide as OH	SM2330B	2.0	1	ND	no std
Iron	EPA 200.7	0.020	1	ND	0.3

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Parameter	Method	Reporting Limit	Dilution	Result	SOQ
Lead	EPA 200.8	0.00050	1	ND	0.005
Magnesium	EPA 200.7	0.10	1	0.13	no std
Manganese	EPA 200.8	0.0020	1	ND	0.05
Mercury	EPA 245.1	0.00020	1	ND	0.002
Nickel	EPA 200.8	0.0050	1	ND	0.1
Nitrate-N	EPA 300.0	0.10	1	ND	10
Nitrite-N	EPA 300.0	0.050	1	ND	1
Perchlorate	EPA 331.0	0.0020	1	ND	no std
Phenol	EPA 420.4	0.0010	1	ND	0.001
Potassium	EPA 200.7	1.0	1	ND	no std
Selenium	EPA 200.8	0.0050	1	ND	0.05
Silver	EPA 200.8	0.00050	1	ND	0.1
Sodium	EPA 200.7	1.0	1	7.6	no std
Sulfate	EPA 300.0	0.50	1	1.3	250
Surfactants (MBAS)	SM 5540C	0.10	1	ND	no std
Thallium	EPA 200.8	0.0010	1	ND	0.002
Total Hardness as CaCO3	EPA 200.7	3.0	1	ND	no std
Total Nitrate + Nitrite	EPA 300.0	0.10	1	ND	10
Zinc	EPA 200.8	0.020	1	ND	5.0
GROUP III					
CHEMICAL SUBSTANCE 2 (VOC)		Milligrams per Liter			
1,1,1,2-Tetrachloroethane	EPA 524.2	0.00050	1	ND	no std
1,1,1-Trichloroethane	EPA 524.2	0.00050	1	ND	0.20
1,1,2,2-Tetrachloroethane	EPA 524.2	0.00050	1	ND	no std
1,1,2-Trichloroethane	EPA 524.2	0.00050	1	ND	0.005
1,1-Dichloroethane	EPA 524.2	0.00050	1	ND	no std
1,1-Dichloroethene	EPA 524.2	0.00050	1	ND	0.007
1,1-Dichloropropene	EPA 524.2	0.00050	1	ND	no std
1,2,3-Trichlorobenzene	EPA 524.2	0.00050	1	ND	no std
1,2,3-Trichloropropane	EPA 524.2	0.00050	1	ND	no std
1,2,4-Trichlorobenzene	EPA 524.2	0.00050	1	ND	0.07
1,2,4-Trimethylbenzene	EPA 524.2	0.00050	1	ND	no std
1,2-Dichloroethane	EPA 524.2	0.00050	1	ND	0.005
1,2-Dichloropropane	EPA 524.2	0.00050	1	ND	0.005
1,3,5-Trimethylbenzene	EPA 524.2	0.00050	1	ND	no std
1,3-Dichloropropane	EPA 524.2	0.00050	1	ND	no std
2,2-Dichloropropane	EPA 524.2	0.00050	1	ND	no std
Benzene	EPA 524.2	0.00050	1	ND	0.005

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Laboratory FDA_CA
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Report Date: 06/20/2019
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Parameter	Method	Reporting Limit	Dilution	Result	SOQ
Bromobenzene	EPA 524.2	0.00050	1	ND	no std
Bromochloromethane	EPA 524.2	0.00050	1	ND	no std
Bromodichloromethane	EPA 524.2	0.00050	1	0.00056	no std
Bromoform	EPA 524.2	0.00050	1	ND	no std
Bromomethane	EPA 524.2	0.00050	1	ND	no std
Carbon Tetrachloride	EPA 524.2	0.00050	1	ND	0.005
Chlorobenzene	EPA 524.2	0.00050	1	ND	0.1
Chlorodibromomethane	EPA 524.2	0.00050	1	ND	no std
Chloroethane	EPA 524.2	0.00050	1	ND	no std
Chloroform (Trichloromethane)	EPA 524.2	0.00050	1	0.0048	no std
Chloromethane	EPA 524.2	0.00050	1	ND	no std
cis-1,2-Dichloroethylene	EPA 524.2	0.00050	1	ND	0.07
cis-1,3-Dichloropropene	EPA 524.2	0.00050	1	ND	no std
Dibromomethane	EPA 524.2	0.00050	1	ND	no std
Dichlorodifluoromethane	EPA 524.2	0.00050	1	ND	no std
Dichloromethane (MeCl ₂)	EPA 524.2	0.00050	1	ND	0.005
Ethyl benzene	EPA 524.2	0.00050	1	ND	0.7
Fluorotrichloromethane-Freon11	EPA 524.2	0.00050	1	ND	no std
Hexachlorobutadiene	EPA 524.2	0.00050	1	ND	no std
Isopropylbenzene	EPA 524.2	0.00050	1	ND	no std
m,p-Xylenes	EPA 524.2	0.00050	1	ND	no std
m-Dichlorobenzene (1,3-DCB)	EPA 524.2	0.00050	1	ND	no std
Methyl ethyl ketone (MEK, Butanone)	EPA 524.2	0.0050	1	ND	no std
MTBE	EPA 524.2	0.00050	1	ND	no std
n-Butylbenzene	EPA 524.2	0.00050	1	ND	no std
n-Propylbenzene	EPA 524.2	0.00050	1	ND	no std
o-Chlorotoluene	EPA 524.2	0.00050	1	ND	no std
o-Dichlorobenzene (1,2-DCB)	EPA 524.2	0.00050	1	ND	0.6
o-Xylene	EPA 524.2	0.00050	1	ND	no std
p-Chlorotoluene	EPA 524.2	0.00050	1	ND	no std
p-Dichlorobenzene (1,4-DCB)	EPA 524.2	0.00050	1	ND	0.075
p-Isopropyltoluene	EPA 524.2	0.00050	1	ND	no std
sec-Butylbenzene	EPA 524.2	0.00050	1	ND	no std
Styrene	EPA 524.2	0.00050	1	ND	0.1
tert-Butylbenzene	EPA 524.2	0.00050	1	ND	no std
Tetrachloroethylene (PCE)	EPA 524.2	0.00050	1	ND	0.005
Toluene	EPA 524.2	0.00050	1	ND	1
Total 1,3-Dichloropropene	EPA 524.2	0.00050	1	ND	no std

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Total 1,3-Dichloropropene	EPA 524.2	0.00050	1	ND	no std
Total THM	EPA 524.2	0.00050	1	0.0054	0.010
Total xylenes	EPA 524.2	0.00050	1	ND	10
trans-1,2-Dichloroethylene	EPA 524.2	0.00050	1	ND	0.1
trans-1,3-Dichloropropene	EPA 524.2	0.00050	1	ND	no std
Trichloroethylene (TCE)	EPA 524.2	0.00050	1	ND	0.005
Trichlorotrifluoroethane(F113)	EPA 524.2	0.00050	1	ND	no std
Vinyl chloride (VC)	EPA 524.2	0.00030	1	ND	0.002
GROUP IV					
CHEMICAL SUBSTANCE 3 (NON VOC)					
		Milligrams per Liter			
2,3,7,8-TCDD (ug/L)	EPA 1613B	0.000000050	1	ND	0.000030
2,4,5-TP (Silvex)	EPA 515.4	0.00020	1	ND	0.05
2,4-D	EPA 515.4	0.00010	1	ND	0.07
3-Hydroxycarbofuran	EPA 531.2	0.00050	1	ND	no std
Alachlor (Alanex)	EPA 505	0.00010	1	ND	0.002
Aldicarb (Temik)	EPA 531.2	0.00050	1	ND	no std
Aldicarb sulfone	EPA 531.2	0.00050	1	ND	no std
Aldicarb sulfoxide	EPA 531.2	0.00050	1	ND	no std
Aldrin	EPA 505	0.000010	1	ND	no std
Atrazine	EPA 525.2	0.00050	1	ND	0.003
Baygon	EPA 531.2	0.00050	1	ND	no std
Bentazon	EPA 515.4	0.00050	1	ND	no std
Benzo(a)pyrene	EPA 525.2	0.000020	1	ND	0.0002
Butachlor	EPA 525.2	0.000050	1	ND	no std
Carbaryl	EPA 531.2	0.00050	1	ND	no std
Carbofuran	EPA 531.2	0.00050	1	ND	0.04
Chlordane	EPA 505	0.00010	1	ND	0.002
Dalapon	EPA 515.4	0.0010	1	ND	0.2
Di-(2-Ethylhexyl)adipate	EPA 525.2	0.00060	1	ND	0.4
Di(2-Ethylhexyl)phthalate	EPA 525.2	0.00060	1	ND	0.006
Dibromochloropropane (DBCP)	EPA 551.1	0.000010	1	ND	0.0002
Dicamba	EPA 515.4	0.00010	1	ND	no std
Dieldrin	EPA 505	0.000010	1	ND	no std
Dinoseb	EPA 515.4	0.00020	1	ND	0.007
Diquat	EPA 549.2	0.00040	1	ND	0.02
Endothall	EPA 548.1	0.0050	1	ND	0.1
Endrin	EPA 505	0.000010	1	ND	0.002
Ethylene Dibromide (EDB)	EPA 551.1	0.000010	1	ND	0.00005

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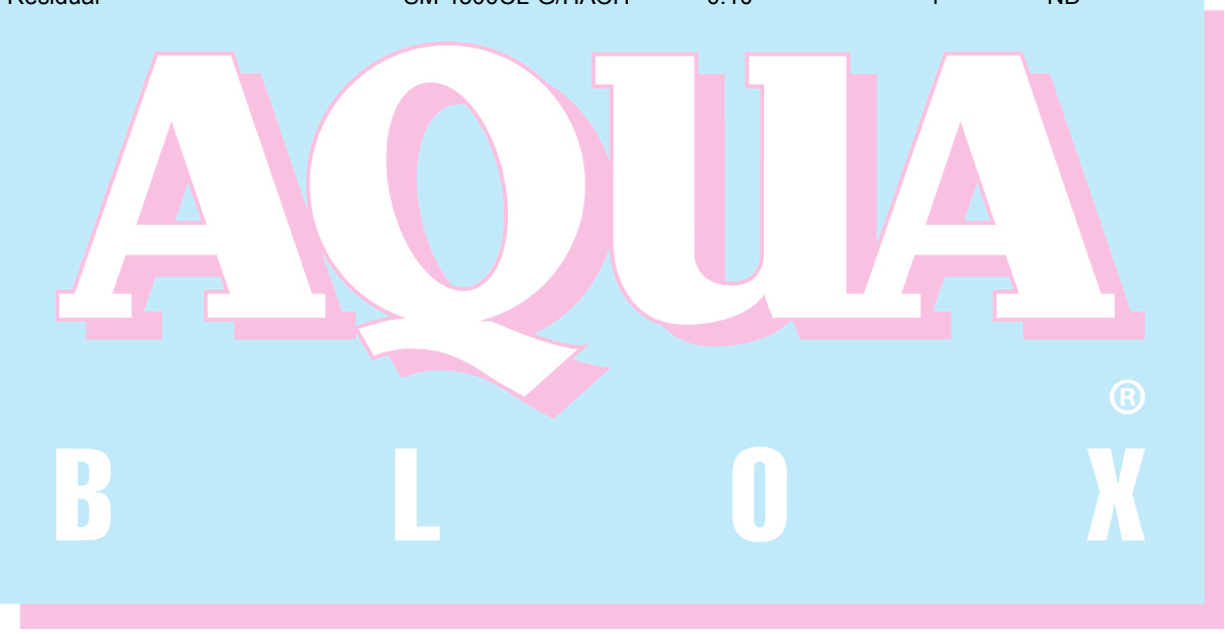
Parameter	Method	Reporting Limit	Dilution	Result	SOQ
Glyphosate	EPA 547	0.0060	1	ND	0.7
Heptachlor	EPA 505	0.000010	1	ND	0.0004
Heptachlor Epoxide	EPA 505	0.000010	1	ND	0.0002
Hexachlorobenzene	EPA 525.2	0.000050	1	ND	0.001
Hexachlorocyclopentadiene	EPA 525.2	0.000050	1	ND	0.05
Lindane (gamma-BHC)	EPA 505	0.000010	1	ND	0.0002
Methiocarb	EPA 531.2	0.00050	1	ND	no std
Methomyl	EPA 531.2	0.00050	1	ND	no std
Methoxychlor	EPA 505	0.000050	1	ND	0.04
Metolachlor	EPA 525.2	0.000050	1	ND	no std
Metribuzin	EPA 525.2	0.000050	1	ND	no std
Oxamyl (Vydate)	EPA 531.2	0.00050	1	ND	0.2
Paraquat	EPA 549.2	0.0020	1	ND	no std
Pentachlorophenol	EPA 515.4	0.000040	1	ND	0.001
Picloram	EPA 515.4	0.00010	1	ND	0.5
Propachlor	EPA 525.2	0.000050	1	ND	no std
Simazine	EPA 525.2	0.000050	1	ND	0.004
Thiobencarb	EPA 525.2	0.00020	1	ND	no std
Total PCBs	EPA 505	0.00010	1	ND	0.0005
Toxaphene	EPA 505	0.00050	1	ND	0.003
GROUP V					
RADIOACTIVITY		Picocuries per Liter			
Gross Alpha	EPA 900.0	3.0	1	ND	15
Gross Beta	EPA 900.0	3.0	1	ND	50
Radium 226	EPA 903.1	0.39	1	<0.393	5
Radium 228	EPA 904.0	0.84	1	<0.839	5
Uranium (mg/L)	EPA 200.8	0.0010	1	ND	0.03
GROUP VIa					
BACTERIOLOGICAL		Colonies/100 mL			
E Coli Bacteria	SM 9223	1.0	1	<1	1
Total Coliform Bacteria	SM 9223	1.0	1	<1	2.2
GROUP VIb					
BACTERIOLOGICAL-HPC		Colony Forming Units per mL			
Heterotrophic Plate Count	SM 9215B	1.0	1	<1	no std
GROUP VII					
Disinfection Byproducts		Milligrams per Liter			
Bromate	EPA 317	0.0010	1	ND	0.01
Bromide	EPA 300.0	0.0050	1	0.012	no std

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Parameter	Method	Reporting Limit	Dilution	Result	SOQ
Chlorite	EPA 300.0	0.010	1	ND	1
D/DBP Haloacetic Acids (HAA5)	SM 6251B	0.0020	1	ND	0.06
GROUP VIII Residual Disinfectants		Milligrams per Liter			
Chloramines	SM 4500CL-G/HACH	0.10	1	ND	4
Chlorine Dioxide	SM 4500CLO2-D/HACH	0.24	1	ND	0.8
Total Chlorine Residual	SM 4500CL-G/HACH	0.10	1	ND	4



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