

“2014” Annual Drinking Water Quality Report

“Town of Spring Lake”

PWS ID# “03-26-020”

ORC – Dean Byrd

Questions may be directed to the Water Resources Department at Town Hall, 910-436-0241

We are pleased to present to you this year’s Annual Drinking Water Quality Report. This report is a snapshot of last year’s water quality. Included are details about from where your water comes, what it contains, and how it compares to standards set by regulatory agencies. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water and to providing you with this information, because informed customers are our best allies. **If you have any questions about this report or concerning your water, please contact Byron Blumenfeld at (910) 436-0241x 1604 or 1612.... We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled Board meetings. They are held every other Monday at Town Hall.**

What EPA Wants You to Know

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 Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The Town of Spring Lake is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems; and radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

When You Turn on Your Tap, Consider the Source

The water that is used by this system is purchased from both PWC and Hamett County. Reports from both of our sources are included.

Source Water Assessment Program (SWAP) Results

The North Carolina Department of Environment and Natural Resources (DENR), Public Water Supply (PWS) Section, Source Water Assessment Program (SWAP) conducted assessments for all drinking water sources across North Carolina. The purpose of the assessments was to determine the susceptibility of each drinking water source (well or surface water intake) to Potential Contaminant Sources (PCSs). The results of the assessment are available in SWAP Assessment Reports that include maps, background information and a relative susceptibility rating of Higher, Moderate or Lower.

The relative susceptibility rating of each source for The Town of Spring Lake was determined by combining the contaminant rating (number and location of PCSs within the assessment area) and the inherent vulnerability rating (i.e., characteristics or existing conditions of the well or watershed and its delineated assessment area). The assessment findings are summarized in the tables below:

Thank you,

Byron Blumenfeld
Town of Spring Lake
Water Resources Director
910-436-0241

2014 Consumer Confidence Report Tables

Harnett County

Source Water Assessment Program (SWAP) Results

Susceptibility of Sources to Potential Contaminant Sources (PCSSs)

Source Name	Susceptibility Rating	SWAP Report Date
Cape Fear River	Higher	March 2010

Turbidity* - Systems with population >10,000

Contaminant (units)	MCL Violation Y/N	Your Water	Treatment Technique (TT) Violation if:	Likely Source of Contamination
Turbidity (NTU) – Highest single turbidity reading	N	0.14 NTU	Turbidity > 1 NTU	Soil runoff
Turbidity (NTU) – Lowest monthly percentage (%) of samples meeting turbidity limits	N	100%	Less than 95% of monthly turbidity measurements are <= 0.3 NTU	

* Turbidity is a measure of the cloudiness of the water. We monitor it because it is a good indicator of the effectiveness of our filtration system. The turbidity rule requires that 95% or more of the monthly samples must be less than or equal to 0.3 NTU.

Inorganic Contaminants

Contaminant (units)	Sample Date	MCL Violation Y/N	Your Water	Range		MCLG	MCL	Likely Source of Contamination
				Low	High			
Fluoride (ppm)	1-13-14	N	0.77	N/A		4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories

Unregulated Inorganic Contaminants

Contaminant (units)	Sample Date	Your Water	Range		Secondary MCL
			Low	High	
Sulfate (ppm)	1-13-14	34.4	N/A		250

Total Organic Carbon

Contaminant (units)	TT Violation	Your Water (RAA removal ratio)	Range Monthly Removal Ratio	MCLG	MCL	Likely Source of Contamination	Compliance Method (Step1 of ACC#)
Total Organic Carbon (removal ratio) (TOC) - treated	No	1.29	1.07-1.45	N/A	TT	Naturally present in the environment	250

Lead and Copper Contaminants

Contaminant (units)	Sample Date	Your Water	# of sites found above the AL	MCLG	MCL	Likely Source of Contamination
Copper (ppm) (90 th percentile)	8/2013 9/2013	0.098	0	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (ppb) (90 th percentile)	8/2013 9/2013	N/D	0	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

Total Organic Carbon (TOC)

Contaminant (units)	TT Violation Y/N	Your Water (RAA Removal Ratio)	Range Monthly Removal Ratio Low - High	MCLG	MCL	Likely Source of Contamination	Compliance Method (Step 1 or ACC#_)
Total Organic Carbon (removal ratio) (TOC)-TREATED	N	1.27	1.09-1.42	N/A	TT	Naturally present in the environment	STEP 1

STEP 1 TOC Removal Requirements

Source Water TOC (mg/L)	Source Water Alkalinity mg/L as CaCO ₃ (in percentages)		
	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

Disinfectants and Disinfection Byproducts Contaminants

Microbiological Contaminants

Contaminant (units)	MCL/MRDL Violation Y/N	Your Water (AVG)	MCLG	MCL	Likely Source of Contamination
Total Coliform Bacteria (presence or absence)	N	2.20%	0	5% of monthly samples are positive	Naturally present in the environment
Fecal Coliform or <i>E. coli</i> (presence or absence)	N	0	0	0 (Note: The MCL is exceeded if a routine sample and repeat sample are total coliform positive, and one is also fecal coliform or <i>E. coli</i> positive)	Human and animal fecal waste

Disinfectants and Disinfection Byproducts Contaminants

Contaminant (units)	MCL/MRDL Violation Y/N		Highest LRAA	Range Low High	MCLG	MCL	Likely Source of Contamination
TTHM (ppb) [Total Trihalomethanes]	N	Highest LRAA Site B04	37.0	16-58	N/A	80	By-product of drinking water chlorination
HAA5 (ppb) [Total Haloacetic Acids]	N	Highest LRAA Site B05	19.4	10.5-27.3	N/A	60	By-product of drinking water disinfection
Contaminate (units)	MCL/MRDL Violation Y/N		Your Water (AVG)				
Chlorite (ppm) Distribution	N		0.304	0.140-0.44	0.8	1	By-product of drinking water chlorination
Chlorite (ppm) Daily	N		0.538	0.188-0.870	0.8	1	By-product of drinking water chlorination
Chlorine dioxide (ppb)	N		61.0	0-702	MRDLG = 800	MRDL = 800	Water additive used to control microbes
Chloramines (ppm)	N		3.12	1.19-3.97	MRDLG = 4	MRDL = 4	Water additive used to control microbes
Chlorine (ppm) FREE	N		1.82	0.45-3.02	MRDLG = 4	MRDL = 4	Water additive used to control microbes

Secondary Contaminants, required by the NC Public Water Supply Section, are substances that affect the taste, odor, and/or color of drinking water. These aesthetic contaminants normally do not have any health effects and normally do not affect the safety of your water.

Water Characteristics Contaminants

Contaminant (units)	Sample Date	Your Water	Range Low/High	Secondary MCL
Iron (ppm)	1-13-14	N/D	N/A	0.3
Manganese (ppm)	1-13-14	0.011	N/A	0.05
Nickel (ppm)	1-13-14	N/D	N/A	N/A
Sodium (ppm)	1-13-14	33.2	N/A	N/A
pH	1-13-14	7.4	N/A	6.5 to 8.5

Cryptosporidium

Our system monitored for Cryptosporidium and found levels of 0.00 Oo Cyst/L.

Cryptosporidium is a microbial parasite which is found in surface water throughout the U.S. Although Cryptosporidium can be removed by filtration, the most commonly used filtration methods cannot guarantee 100 percent removal. Our monitoring of our source water and/or finished water indicates the presence of these organisms. Current test methods do not enable us to determine if the organisms are dead or if they are capable of causing disease. Symptoms of infection include nausea, diarrhea, and abdominal cramps. Most healthy individuals are able to overcome the disease within a few weeks. However, immuno-compromised people have more difficulty and are at greater risk of developing severe, life-threatening illness. Immuno-compromised individuals are encouraged to consult their doctor regarding appropriate precautions to take to prevent infection. Cryptosporidium must be ingested for it to cause disease, and it may be spread through means other than drinking water.

Unregulated Contaminant Monitoring Program

EPA uses the Unregulated Contaminant Monitoring (UCM) program to collect data for contaminants suspected to be present in drinking water, but that do not have health-based standards set under the Safe Drinking Water Act (SDWA). Every five years EPA reviews the list of contaminants, largely based on the Contaminant Candidate List. The SDWA Amendments of 1996 provide for:

- Monitoring no more than 30 contaminants every five years
- Monitoring only a representative sample of public water systems serving less than 10,000 people
- Storing analytical results in a National Contaminant Occurrence Database (NCOD)

The UCM program progressed in several stages. Currently, EPA manages the program directly as specified in the Unregulated Contaminant Monitoring Rule (UCMR). The history of the UCM program includes:

- UCMR 3 (2012-2016) – Current regulation monitoring for 30 contaminants (28 chemicals and 2 viruses) from 2012-2015.
- UCMR 2 (2007-2011) - UCMR 2 monitoring was managed by EPA and established a new set of 25 chemical contaminants sampled during 2008-2010.
- UCMR 1 (2001-2005) – The SDWA Amendments of 1996 redesigned the UCM program to incorporate a tiered monitoring approach and required monitoring for 25 contaminants (24 chemicals and one bacterial genus) during 2001-2003.
- UCM-State Rounds 1 & 2 (1988-1997) – State drinking water programs managed the original program and required public water systems (PWSs) serving more than 500 people to monitor contaminants.

Harnett County Public Works				Report # 319247				
Clearwell Effluent				PWS ID NC0343045				
UCMR Assessment Monitoring								
Analyte ID #	Analyte	Method	MRL †	Result	Unit	Preparation Date	Analyzed Date	EEA ID #
1051	Strontium	200.8	0.3	60	µg/L	06/16/2014 11:30	06/17/2014 18:01	3043279
1088	Vanadium	200.8	0.2	0.3	µg/L	06/16/2014 11:30	06/17/2014 18:01	3043279
1080	Chromium, Hexavalent	218.7	0.03	0.04	µg/L		06/13/2014 17:43	3043278
1007	Chorate	300.1	20	480	µg/L		06/19/2014 00:20	3043277
2049	1,4 - Dioxane	522	0.07	4.4	µg/L	06/18/2014 11:30	06/20/2014 19:41	3043274
2802	Perfluoroheptanoic acid(PFHpA)	537	0.01	0.02	µg/L	06/16/2014 09:30	06/21/2014 03:20	3043275

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices

Harnett County Public Works				Report # 325718				
Clearwell Effluent				PWS ID NC0343045				
UCMR Assessment Monitoring								
Analyte ID #	Analyte	Method	MRL †	Result	Unit	Preparation Date	Analyzed Date	EEA ID #
1084	Molybdenium	200.8	1	1	µg/L	9/24/2014 12:15	9/25/2014 14:54	3106696
1051	Strontium	200.8	0.3	63	µg/L	9/24/2014 12:15	9/25/2014 14:54	3106696
1088	Vanadium	200.8	0.2	0.3	µg/L	9/24/2014 12:15	9/25/2014 14:54	3106696
1080	Chromium, Hexavalent	218.7	0.03	0.04	µg/L		9/24/2014 13:36	3106695
1007	Chorate	300.1	20	470	µg/L		9/26/2014 22:40	3106694
2049	1,4 - Dioxane	522	0.07	2.5	µg/L	10/8/2014 8:30	10/10/2014 17:53	3106691
2802	Perfluoroheptanoic acid(PFHpA)	537	0.01	0.04	µg/L	9/26/2014 8:00	9/27/2014 22:43	3106692
2806	Perfluorooctanoic Acid(PFOA)	537	0.02	0.02	µg/L	9/26/2014 8:00	9/27/2014 22:43	3106692

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices

Harnett County Public Works				Report # 330640				
Clearwell Effluent				PWS ID NC0343045				
UCMR Assessment Monitoring								
Analyte ID #	Analyte	Method	MRL †	Result	Unit	Preparation Date	Analyzed Date	EEA ID #
1051	Strontium	200.8	0.3	66	µg/L	12/15/2014 11:30	12/16/2014 16:41	3153333
1088	Vanadium	200.8	0.2	0.02	µg/L	12/15/2014 11:30	12/16/2014 16:41	3153333
1080	Chromium, Hexavalent	218.7	0.03	0.06	µg/L		12/15/2014 16:30	3153332
1007	Chorate	300.1	20	290	µg/L		12/19/2014 18:39	3153331
2802	Perfluoroheptanoic acid(PFHpA)	537	0.01	0.04	µg/L	12/15/2014 7:35	12/16/2014 5:53	3153329
2806	Perfluorooctanoic Acid(PFOA)	537	0.02	0.02	µg/L	12/16/2014 7:35	12/17/2014 5:53	3153329

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices

Unregulated Contaminant Monitoring Program Continued

Harnett County Public Works				Report # 319251				
Metro Water BPS #1				PWS ID NC0343045				
UCMR Assessment Monitoring								
Analyte ID #	Analyte	Method	MRL †	Result	Unit	Preparation Date	Analyzed Date	EEA ID #
1051	Strontium	200.8	0.3	62	µg/L	06/16/2014 11:30	06/17/2014 17:44	3043287
1088	Vanadium	200.8	0.2	0.3	µg/L	06/16/2014 11:30	06/17/2014 17:44	3043287
1080	Chromium, Hexavalent	218.7	0.03	0.05	µg/L		06/17/2014 17:56	3043290
1007	Chorate	300.1	20	530	µg/L		06/19/2014 00:43	3043289

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices

Harnett County Public Works				Report # 325719				
Metro Water BPS #1				PWS ID NC0343045				
UCMR Assessment Monitoring								
Analyte ID #	Analyte	Method	MRL †	Result	Unit	Preparation Date	Analyzed Date	EEA ID #
1051	Strontium	200.8	0.3	61	µg/L	9/24/2014 12:15	9/25/2014 15:00	3106696
1088	Vanadium	200.8	0.2	0.03	µg/L	9/25/2014 12:15	9/26/2014 15:00	3106696
1080	Chromium, Hexavalent	218.7	0.03	0.04	µg/L		9/24/2014 13:39	3106695
1007	Chorate	300.1	20	500	µg/L		9/26/2014 23:06	3106694

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices

Harnett County Public Works				Report # 330657				
Metro Water BPS #1				PWS ID NC0343045				
UCMR Assessment Monitoring								
Analyte ID #	Analyte	Method	MRL †	Result	Unit	Preparation Date	Analyzed Date	EEA ID #
1051	Strontium	200.8	0.3	64	µg/L	12/16/2014 12:00	12/17/2014 13:46	3153487
1080	Chromium, Hexavalent	218.7	0.03	0.05	µg/L		12/16/2014 17:26	3153490
1007	Chorate	300.1	20	300	µg/L		12/20/2014 5:51	3153489

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices

PWC

TABLE I -- FILTERED WATER QUALITY DATA (Regulated)

Parameters	Unit	MCL			Your Water Level	Range of Detected Levels	Date Most Recent Testing Completed(b)	Source
		MCL	MCLG	Violation Y/N				
Gross Alpha	pCi/l	15	0	N	0.7		5/07	Erosion of natural deposits
Gross Beta	pCi/l	50	0	N	0.9		5/07	Decay of natural and man-made deposits
Radium 226	pCi/l	3	0	N	0.1		5/07	Erosion of natural deposits
Radium 228	pCi/l	2	0	N	0.6		5/07	Erosion of natural deposits
Uranium	ug/l	30.0	0	N	0.8		5/07	Erosion of natural deposits
Barium	mg/l	2	2	N	<0.400		1/14	Erosion of natural deposits; discharge of drilling wastes; discharge from metal from refineries
Copper	mg/l	AL-1.3	1.3	N	<0.05	<0.05 – 0.16 (c)	6/14	Corrosion of household plumbing systems; erosion of natural deposits leaching from wood preservatives
Fluoride	mg/l	4	4	N	0.713	0.14 - 0.90	12/14	Water additive which promotes strong teeth; erosion of natural deposits; discharge from fertilizer and aluminum deposits
Lead	ug/l	AL-15	0	N	0.001	0.001-0.32 (c)	6/14	Corrosion of household plumbing systems; erosion of natural deposits
Nitrate	mg/l	10	10	N	<1.0		1/14	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
TTHM (a)	ug/l	80	0	N	42.88	17.00 – 62.00	11/14	By-product of drinking water disinfection
THAA	ug/l	60	0	N	29.25	13.00 – 51.00	11/14	By-product of drinking water disinfection
Total Asbestos	MFL	7	7	N	<0.2	NA	6/11	Decay of asbestos cement water mains; erosion of natural deposits

(a) Compliance is based on a running annual average of 32 quarterly distribution system samples.

(b) Data presented in this table are from the most recent testing performed in accordance with Federal and State regulations.

(c) Lead and Copper action levels are exceeded if the concentrations in more than 10% of tap water samples collected during any monitoring period are greater than the MCL Action Levels shown in the table above.

TABLE II -- (Non Regulated)

Parameters	Unit	Detected Levels			Source
		Your Water	SDWR	MCLG	
Alkalinity	mg/l	23.1	NS	NS	Erosion of natural deposits, water treatment processes
Hardness	mg/l	29.6	NS	NS	Presence of mineral deposits most commonly calcium and magnesium
Iron	mg/l	<0.20	0.3	NS	Erosion of natural deposits
Manganese	mg/l	<0.20	0.05	NS	Erosion of natural deposits
pH	pH units	7.7	6.5 - 8.5	NS	Measurement of acid or base neutralizing capacities of water
Sodium	mg/l	11.73	NS	NS	Erosion of natural deposits, chemical use in water treatment
Sulfate	mg/l	34.7	250	NS	Erosion of natural deposits, decay or organic matter

TABLE III -- VOC CONTAMINANTS (Non Regulated) *

Parameters	Unit	Detected Levels		
		Your Water	Range of Detected Level	Sample Date
Chloroform	ug/L	18.94	10.50-27.50	11/14
Bromodichloromethane	ug/L	14.34	7.50-19.38	11/14
Bromoform	ug/L	1.21	>0.001-3.63	11/14
Chlorodibromomethane	ug/L	8.07	2.88-16.13	11/14

* These compounds are associated with chlorine disinfection.

TABLE IV -- TURBIDITY(a)

Parameters	Unit	MCL	Your Water	Average	Range	MCLG Violation	Source
Turbidity	NTU	95% of samples <0.30	100.00% <0.3 NTU	0.055	0.03 - 0.29	N	Soil runoff

(a) Turbidity is a measure of the cloudiness of the water. PWC monitors it because it is a good indicator of the effectiveness of PWC's filtration system.

TABLE V -- MICROBIOLOGICAL CONTAMINANTS

PWC Surface Water Distribution

Parameters	MCL	MCLG	MCL Violation	Your Water	Source
Total Coliform Bacteria	5% of monthly samples are positive	0	N	0.07%	Naturally present in the environment
Fecal Coliform or <u>E. coli</u>	A routine sample and repeat sample are total coliform positive, and one is also fecal coliform or <u>E. coli</u> positive	0	N	0.00%	Human and animal fecal waste

TABLE VI -- Disinfection By--Product Precursors Contaminants

Contaminant (units)	Sample Date	MCL/TT Violation Y/N	Your Water	Range Low-High	MCLG	MCL	Likely Source of Contamination
Total Organic Carbon (ppm) (TOC)-RAW	Monthly	N	N/A	2.90 – 8.00	N/A	TT	Naturally present in the environment
Total Organic Carbon (ppm) (TOC)-TREATED	Monthly	N	1.88	1.40 – 4.40	N/A	TT	Naturally present in the environment

Note: Depending on the TOC in our source water the system MUST have a certain % removal of TOC or must achieve alternative compliance criteria. If we do not achieve that % removal there is an "alternative % removal". If we fail to meet that, we are in violation of a Treatment Technique.

TABLE VII -- Lead and Copper Contaminants

Contaminant (units)	Sample Date	Your Water	# of sites found above the AL	MCLG	MCL	Likely Source of Contamination
Copper (mg/L) (90 th percentile)	6/16/11	0.053	0	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (ug/L) (90 th percentile)	6/16/11	<2.00	3	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The Public Works Commission is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline (1-800-426-4791), or at <http://www.epa.gov/safewater/lead>.

P.O. Hoffer WTF

Contaminant	Units	Sample Date	Sample Location	Result
1,4-dioxane	µg/L	1/17/13	P.O. Hoffer WTF	7.961
		4/25/13	P.O. Hoffer WTF	8
		7/17/13	P.O. Hoffer WTF	1.39
		10/28/13	P.O. Hoffer WTF	0.155
Vanadium	µg/L	1/17/13	P.O. Hoffer WTF	
		4/25/13	P.O. Hoffer WTF	0.74
Strontium	µg/L	1/17/13	P.O. Hoffer WTF	48
		4/25/13	P.O. Hoffer WTF	62
		7/17/13	P.O. Hoffer WTF	50
		10/28/13	P.O. Hoffer WTF	26
chromium ¹	µg/L	7/17/13	P.O. Hoffer WTF	0.3
chromium-6 ²	µg/L	1/17/13	P.O. Hoffer WTF	0.035
		4/25/13	P.O. Hoffer WTF	0.038
		7/17/13	P.O. Hoffer WTF	0.089
		10/28/13	P.O. Hoffer WTF	0.033
chlorate	µg/L	1/17/13	P.O. Hoffer WTF	110
		4/25/13	P.O. Hoffer WTF	94
		7/17/13	P.O. Hoffer WTF	190
		10/28/13	P.O. Hoffer WTF	230
perfluoroheptanoic acid (PFHpA)	µg/L	1/17/13	P.O. Hoffer WTF	0.01

Unregulated contaminants are those for which EPA has not established drinking water standards.

The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulations are warranted.