### MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Boulevard Baltimore Maryland 21230 410-537-3000 • In Maryland, 1-800-633-6101 • http://www.mde.state.md.us

Water Supply Program 410-537-3729

### **Consumer Confidence Report Certification**

Water S	Supply System	Name: St Marting by the Bay
PWSID:	02300	08 county: Worcester
	(and appropriate system certifies	ne Consumer Confidence Report for the year 2002 has been distributed to customers the notices of availability have been given) in accordance with 40 CFR §141.155. Further, the sthat the information contained in the report is correct and consistent with the compliance a previously submitted to the primacy agency.
	Certified by:	Name
		Signature
		Title / washing
		Phone # 443-497-0867 Date 9/53/10
	onal Informatio -specific details	n: on CCR distribution to customers are outlined below: (check all that apply)
		buted by mail or other direct delivery. lirect delivery methods:
	Publishing or	posting a notice of CCR availability
		orts were used to reach non-bill paying consumers. Those if the following methods as recommended by the primacy agency:
	Posting	the CCR on the Internet at:
	Mailing	the CCR to postal patrons within the service area. (attach zip codes used).
	Advert	ising availability of the CCR in news media (attach copy of announcement).
	Publica	ation of CCR in local newspaper (attach copy).
		y of multiple copies to single bill addresses serving several such as: nents, businesses, and large private employers.
	Delive	y to community organizations (attach a list)
Manda		ns serving 100,000 or more persons n a publicly accessible internet site. List internet address:
	Delivered CCF	to other agencies. (Optional, attach list).
	Other (if addition	onal methods used, attach description)
	Con	sumer Confidence Report Due by July 1 <sup>st</sup> each year

Consumer Confidence Report Due by July 1\* each year Certification of Delivery Due by October 1st each year.

In compliance with Safe Drinking Water Act amendments by Congress of 1996 and subsequent Federal and State regulations, St. Martins by the Bay is pleased to provide this annual water quality report for calendar year 2009 St. Martins by the Bay routinely monitors for contaminants in your drinking water. For more information on the source of your water and the significant potential sources of contamination, contact the Maryland Source Water Assessment Program at the Maryland Department of the Environment at (410) 631-3714 or visit on the web www.mde.state.md.us/health/swap/

### Is my water safe?

We are very pleased to provide you with this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. 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 enduring the quality of your water. Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and state drinking water health standards. Local Water vigilantly safeguards its water supplies and once again we are proud to report that our system has never violated a maximum contaminant level or any other water quality standard.

### Do I need to take special precautions?

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/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791). 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 EPA's Safe Drinking Water Hotline (1-800-426-4791).

#### How do we monitor for contaminants?

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### Why are there contaminants in my drinking 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 Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791).

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. Microbial contaminants, such as viruses and bacteria that 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 stormwater 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. 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 that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

#### Lead

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. St. Martins by the Bay 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 drinking 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 EPA Safe Drinking Water Hotline at 1-800-426-4791 or at http://www.epa\_gov/safewater/lead

#### **Educational Statement on Lead**

Infants and young children are typically more vulnerable to lead in drinking water than the general population. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing.

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### Water Quality Data Table

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

Contaminants (units)	were:	MCL	Year Water			Violatioa	Eypicat Source Plan	H
Inorganic Contaminants	3							
odium (ppm)	MNR	MNR	85.8	ŇA	02/23/06	No	Erosion of natural deposits; Leaching	01
odium (ppm)	MNR	MNR	76.8	NA	12/01/09	No	Broston of Martin	01
copper (ppm)	1.3	1.3	0.03	0	12/31/07	No	Erosion of natural deposits, Leaching	00
11 4. /							from wood preservatives; Corrosion	
•				_			of household plumbing systems	00
ead (ppb)	0	15	2	0	12/31/07	No	Corrosion of household plumbing systems; Erosion of natural deposits	W
	<i>5</i> 0	50	•	Λ	02/23/06	No	Discharge from petrolcum and metal	01
elenium (ppb)	50	50	3	0	02/23/00	140	refineries; crosion of natural	٠.
• 11				•	•		deposits; discharge from mines	
synthetic organic contan	inants ir	eluding p	esticides a	nd herbicides				waxan
)i (2-ethylhexyl) phthalate	0	6	1.4	ŇΑ	08/30/06	No	Discharge from rubber and chemical	01
(ppb)	*	_		- '			_	
Organic Contaminants					. automorphism variation and the second			
THM Total Trihalomethane	s NA	NA	18.27	NA	09/02/08	No	By-product of water disinfection	0
ppb)				- w .		3.7		
HAA5 Haloacetic Acids (ppl		NA	13.58	ÑΑ	09/02/08	No		
Unregulated Contamina	nts				<del></del>			
Dibromochloromethane (ppl	b) NA	NA	1.6	NA	08/30/06	No		0
Dibromochloromethane (ppl	b) NA	NA	3.2	NA	12/02/09	No		0
Chloroform (ppb)	NA	NA	10.1	NA	08/30/06	No		0
Chloroform (ppb)	NA	NA	16.4	NA	12/02/09	No		0
Secondary Standards – l	Related t	o the Aest	hetic Quali	ty of Drinking V	Vater			
Fluoride (ppm)	4	4	0.2	NA	02/16/06	No	Erosion of natural deposits; Water	
							additive which promotes strong	
							teeth; Discharge from fertilizer and	
							aluminum factories	
Fluoride (ppm)	4	4	0.12	NA	12/02/0 <del>9</del>	No	Erosion of natural deposits; Water	
							additive which promotes strong	
•							teeth; Discharge from fertilizer and aluminum factories	
					•		•••	
Radioactive Contaminal	nts				·			يننيد
Alpha emitters (pCi/L)	0	15	1	NA	07/10/07	No	Erosion of natural deposits	
Combined Radium(226&22 (pCi/L)	8) NA	NA	0.28	NA	07/10/07	No	Erosion of natural deposits	1
Microbiological Contam	inants							
Turbidity (NTU)		TT	0.13	NA	02/23/06	No	Soil Runoff	
Turbigity (N FO)	NA	I 1	0.13	INA	V4443/VO	140	BOH KUROH	

### **Units Description:**

NA: Not applicable

ND: Not detected

NR: Not reported

MNR: Monitoring not required, but recommended.

ppm: parts per million, or milligrams per liter (mg/L)

ppb: parts per billion, or micrograms per liter (µg/L)

pCi/L: picocuries per liter (a measure of radioactivity)

# of monthly positive samples: Number of samples taken monthly that were found to be positive

Important Drinking Water Definitions:

MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

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MRDL: Maximum residual disinfectant level. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

### For more information contact:

St. Martins by the Bay

Attn: Randy

129 Columbia Rd.

Salisbury, MD 21801

Phone: 410-742-3333



# Maryland Department of the Environment

Water Supply Program

1800 Washington Boulevard, Suite 450, Baltimore, Maryland 21230 (410) 537-3729, 1-800-633-6101(in MD) • Fax: (410) 537-3157

http://www.mde.state.md.us

# **Consumer Confidence Report Certification**

Water Supply System Name: St. Martins by the Bay
PWSID:County:
Certified by: Name
Signature
Title Board Marson Turner
Phone # <u>443-497-0807</u> Date <u>9/20/1/</u>
Additional Information: System-specific details on CCR distribution to customers are outlined below: (check all that apply)
CCR was distributed by mail.
CCR was distributed by other methods. List methods of delivery
A notice of CCR availability was published.
Good faith efforts were used to reach non-bill paying consumers. Those efforts included the following recommended methods.
Posting the CCR on the Internet at:
Mailing the CCR to postal patrons (bulk mail) within the service area. (attach zip codes used).
Advertising availability of the CCR in news media (attach copy of announcement).
Publication of CCR in local newspaper (attach copy).
Delivery of multiple copies to single bill addresses serving several persons such as: apartments, businesses, and large private employers.
Delivery to community organizations (attach a list).
Mandatory for systems serving 100,000 or more persons  Posted CCR on a publicly accessible Internet site. List Internet address:
Delivered CCR to other agencies. (Optional, attach list).
Other (if additional methods used, attach description)
Consumer Confidence Report Due to customers and MDE by July 1st each year

Certification of Delivery Due to MDE by October 1st each year.

MDE/WMA/COM.025 (Revised 04/11) TTY USERS 1-800-201-7165

Page 1 of 2

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Contaminants (units) . I	vici <i>i</i> g	MCL	Your Water	Range Low High	Sample Date	Violation	Typical Source Plan	it ID
Inorganic Contaminants								u
	MNR 1.3	MNR 1.3	76.8 0.03	NA 0	12/01/09 12/31/07	No No	Erosion of natural deposits; Leaching Erosion of natural deposits; Leaching from wood preservatives; Corrosion	01 00
.ead (ppb)	0	15	2	0	12/31/07	No	of household plumbing systems Corrosion of household plumbing systems; Erosion of natural deposits	00
Organic Contaminants								
TTHM Total Trihalomethanes	NA	· NA	18.27	NA	09/02/08	No	By-product of water disinfection	00
(ppb) HAA5 Haioacetic Acids (ppb)	NA	NA	13.58	NA	09/02/08	No		00
Unregulated Contaminant	s			00000000000000000000000000000000000000	encontract the material and analysis of the contract and analysis of the c	00-00-00-00-00-00-00-00-00-00-00-00-00-		
Dibromochloromethane (ppb)	NA	NA	3.2	NA	12/02/09	No		01
Chloroform (ppb)	NΑ	NA	16.4	NA	12/02/09	No		01
Secondary Standards – Re	elated t	o the Aest	hetic Qual	ity of Drinking	Water			
Fluoride (ppm)	4	4	0.12	NA	12/02/09	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories	0 i
Radioactive Contaminant	s		Alexander of the second section of the second secon		Annual designation of the second seco	on processor was the		parament 1, 10,
Alpha emitters (pCi/L) Combined Radium(226&228 (pCi/L)	0 ) NA	15 NA	1 0.28	NA NA	07/Ï0/07 07/10/07	No No	Erosion of natural deposits Erosion of natural deposits	01 01
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ewaterassessment/by county.aspx

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#### Health Effects of Lead

Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure.

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Contaminants (units)	MELG	MCL	Your Water	Range Low Flig	Sample L Date	Violation	Typical Source PI	ant ID
Inorganic Contaminants				nago a no servicina de el mangerio.		(3/3/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2		7/mmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmm
Sodium (ppm)	MNR	MNR	76.8	NA	12/01/09	No	Erosion of natural deposits; Leaching	01
Organic Contaminants								
TTHM Total Trihalomethanes	NΛ	80	27.04	NA	09/08/11	No	By-product of water disinfection	00
(ppb) HAA5 Haloacetic Acids (ppb)	NΛ	60	17.6	NA	09/08/11	No		00
Unregulated Contaminant	ts		p			MANUFACTURE CO.	And the second s	1
Bromodichloromethane (ppb)	NA	NA	3,2	NA	12/02/09	No		01
Chloroform (ppb)	ΝA	NA	16.4	NA	12/02/09	No		01
Secondary Standards – Re	elated t	o the Aesth	etic Qualit	y of Drinkin	g Water			
Fluoride (ppm)	4	4	0.12	NA	12/02/09	No	Erosion of natural deposits; Water additive which promotes strong	01

		your or an additional of the					1 1 1 1 1	Δ1
Classide (norm)	<u> </u>	4	0.12	NA	12/02/09	No	Erosion of natural deposits; Water	0)
Fluoride (ppm)	-	-	V				additive which promotes strong	
			!				•	
			!				teeth; Discharge from fertilizer and	
							eluminum factories	

### Units Description:

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### Important Drinking Water Definitions:

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MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

TT: Treatment Technique - a required process intended to reduce the level of a contaminant in drinking water

AL. Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

MRDL: Maximum residual disinfectant level. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

### For more information contact: St. Martins by the Bay Attn: Randy 129 Columbia Rd. Salisbury, MD 21801 Phone: 410-742-3333

In compliance with Safe Drinking Water Act amendments by Congress of 1996 and subsequent Federal and State regulations, St. Martins by the Bay is pleased to provide this annual water quality report for calendar year 2012. St. Martins by the Bay routinely monitors for contaminants in your drinking water. For more information on the source of your water and the significant potential sources of contamination, contact the Maryland Water Supply Program at the Maryland Department of the Environment at (410) 537-3714 or visit on the web: http://www.mde.state.md.us/programs/Water/Water\_Supply/Source\_Water\_Assessment\_Program/Pages/programs/waterprograms/water\_supply/source\_Water\_Assessment\_Program/Pages/programs/waterprograms/water\_supply/source\_Water\_Assessment\_Program/Pages/programs/waterprograms/water\_supply/source\_Water\_Assessment\_Program/Pages/programs/waterprograms/water\_supply/source\_Water\_Assessment\_Program/Pages/programs/waterprograms/water\_supply/source\_Water\_Assessment\_Program/Pages/programs/waterprograms/water\_supply/source\_Water\_Assessment\_Program/Pages/programs/waterprograms/water\_supply/source\_Water\_Assessment\_Program/Pages/programs/waterprograms/water\_supply/source\_Water\_Assessment\_Program/Pages/programs/waterprograms/water\_supply/source\_Water\_supply/sourc

ewaterassessment/by county,aspx

Is my water safe? We are very pleased to provide you with this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. 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 enduring the quality of your water. Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and state drinking water health standards. Local Water vigilantly safeguards its water supplies and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard.

Do I need to take special precautions?

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/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791). 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 EPA's Safe Drinking Water Hotline (1-800-426-4791).

How do we monitor for contaminants?

St. Martins by the Bay routinely monitors for contaminants in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2012. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It is important to remember that the presence of these contaminants does not necessarily pose a health risk.

Why are there contaminants in my drinking 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 Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791).

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 stormwater 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 stormwater runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.
- 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 that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

**Educational Statement on Lead** 

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. St. Martins by the Bay 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 drinking 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 EPA Safe Drinking Water Hotline at 1-800-426-4791 or at: http://www.epa.gov/safewater/lead

### Water Quality Data Table

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

				Rai	nge ·	Sample			Plant
Contaminant, units	MCLG	MCL	Result	Low	High	Date_	Violation	Typical Source	ID
Fluoride, ppm	4	4	0.11	-	-	9/20/2012		Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories	01

Organic Contaminants	Plant ID 0	1		Po	maa	Sample		•	Plant	
	Ì		97.1 100 _			9/20/2012 12/20/2012	<u> </u>		01	
Sodium, ppm	NA NA	NA		97.1	100	- D/20/2012	-	Erosion of natural deposits; Leaching	01	
		:					_	Discharge from fertilizer and aluminum factories	01	

Organic Contaminants	X IMIL ID V	•		Range		Sample			Plant	
Contaminant, units	MCLG	MCL	Result	Low	High	Date	Violation	Typical Source	<u>ID</u>	
Chloroform, ppb	NA	80**	1.9	-	-	9/20/2012	No	By-product of drinking water disinfection	01	
Chloromethane, ppb	NA	NA	2.5		-	9/20/2012	No	Used as a foaming agent and in the production of other substances	01	
Bromomethane, ppb	NA	NA	0.7	-	-	9/20/2012	No	Used as a furnigant as a fungicide	01	

<sup>\*\*= 80</sup> ppb is the MCL for Total trihalomethanes (TTHM). TTHMs consist of Chloroform, Bromodichloromethane, Dibromochloromethane, and Bromoform.

### Units Description:

NA: Not applicable ND: Not detected NR: Not reported

MNR: Monitoring not required, but recommended. ppm: parts per million, or milligrams per liter (mg/L) ppb: parts per billion, or micrograms per liter (µg/L) pCi/L: picocuries per liter (a measure of radioactivity)

# of monthly positive samples: Number of samples taken monthly that were found to be positive

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