FRENCH SETTLEMENT WATER COMPANY, INC. Report to Consumers on Water Quality 2021

French Settlement Water Company, Inc. operates multiple public water supplies (PWS), serving areas in **Livingston Parish**. Each PWS is served by ground water (well). All PWS utilize their respective ground water well as the primary source.

- French Settlement, PWS ID 1063019 French Settlement Well, Mercy Lobell Well, Coyell Homesites Well
- Oakridge, PWS ID 1063058 City of Denham Springs Water System PWS ID 1063004
- Pine Heaven, PWS ID 1063089 –Pine Heaven Well No. 2
- Springfield Area, PWS ID 1063024 Springfield Well #2, Haynes Settlement
- Whitehall-Head of Island, PWS ID 1063028 Simoneaux Wells No. 1, 2 and 3, S. Well Whitehall, North Well Whitehall, Maurepas Fire Station Well 1 and 2 (Paradise Point Well and Val's Well are active emergency wells)

This report is designed to inform you about the quality of your water and services we deliver to you every day (Este informe contiene informacion muy importante sobre su agua potable. Traduzcalo o hable con alguien que lo entienda bien). 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. Please call our office at (225)952-7602 if you have any questions about this report.

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 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:

- 1. Microbial Contaminants such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- 2. 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.
- 3. Pesticides and Herbicides which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.
- 4. 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.
- 5. Radioactive Contaminants which can be naturally-occurring or be the result of oil and gas production and mining activities.

A Source Water Assessment Plan (SWAP) is available from our office. This plan is an assessment of a delineated area around our listed sources through which contaminants, if present, could migrate and reach our source water. It also includes an inventory of potential sources of contamination within the delineated area, and a determination of the water supply's susceptibility to contamination by the identified potential sources. According to the plan, each of these systems had a medium rating.

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. Food and Drug Administration regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

The Louisiana Department of Health and Hospitals-Office of Public Health routinely monitors for constituents in your drinking water according to Federal and State laws. The table that follows shows the results of our monitoring during the period of January 1st to December 31st, 2021. 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 the water poses a health risk

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 microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.

Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful bacteria may be present. Some people who use water containing chlorine well in excess of the MRDL could experience irritating effects to their eyes and nose. Some people who drink water containing chlorine well in excess of the MRDL could experience stomach discomfort.

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. French Settlement Water Company 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 (800)426-4791 or website at http://www.epa.gov/safewater/lead.

In the table below, you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms, we've provided the following definitions:

- 1. Parts per million (ppm) or Milligrams per liter (mg/L) one part per million corresponds to one minute in two years or a single penny in \$10,000.
- 2. Parts per billion (ppb) or Micrograms per liter (ug/L) one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.
- 3. Picocuries per liter (pCi/L) picocuries per liter is a measure of the radioactivity in water.
- 4. Nephelometric Turbidity Unit (NTU) nephelometric turbidity unit is a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.
- Action level (AL) the concentration of a contaminant that, if exceeded, triggers treatment or other requirements that a water system must follow.
 Maximum contaminant level (MCL) the "Maximum Allowed" MCL is the highest level of a contaminant that is allowed in drinking water.
- MCL's are set as close to the MCLG's as feasible using the best available treatment technology.
- 7. Maximum contaminant level goal (MCLG) the "Goal" is the level of a contaminant in drinking water below which there is no known or expected risk to human health. MCLG's allow for a margin of safety.
- 8. Maximum residual disinfectant level (MRDL) the highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
- 9. Maximum residual disinfectant level goal (MRDLG) the level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLG's do not reflect the benefits of the use of disinfectants to control microbial contaminants.
- 10. Treatment Technique (TT) an enforceable procedure or level of technological performance which public water systems must follow to ensure control of a contaminant.
- 11. Level 1 assessment A study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.
- 12. Level 2 assessment A very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

Our water systems tested monthly in accordance with the Total Coliform Rule for microbiological contaminants. With the microbiological samples collected, the water system collects disinfectant residuals to ensure control of microbiological growth.

In the tables below, we have shown the regulated contaminants that were detected. Chemical sampling of our drinking water may not be required annually, so the latest results are being provided. Water systems are tested monthly in accordance with the Total Coliform Rule for microbiological contaminants, noting any detection below.

FRENCH SETTLEMENT, PWS ID: 10630	19											
Regulated Contaminants			Collec	tion Date	High	nest Value	Range	Unit	MC	L	MCLO	J Violation
Fluoride			10/12/2	020	0.2		0.2	ppm	4		4	No
Barium			04/11/2	016	0.021		0.021	ppm	2		2	No
DI(2-Ethylhexyl) Phthalate			04/11/2016		0.91		0.91 ppb		6		0	No
Arsenic			04/11/2	016	0.5		0.5	ppb	10		0	No
Dichloromethane			04/11/2	016	1.6		1.6	ppb	5		0	
Nitrate-Nitrite			10/26/2	018	0.2		0.2	ppm	10		10	No
							•					
Source Water Radiological Contaminants	Contaminants			tion Date	High	nest Value	Range	Unit	MC	Ľ	MCLO	J Violation
Combined Radium (-226 & -228)	nbined Radium (-226 & -228)			019	0.307	7	0.307	pCi/l	5		0	No
Gross Beta Particle Activity			10/12/2	020	1.44		0.997 - 1.44	pCi/l	50		0	No
			1		_		1	1				
Lead and Copper	ead and Copper			tion Date	High	iest Value	Range	Unit	AL		Sites over AL	
Copper, free			2015-20)17	0.1		0 - 0.1	ppm 1.3		3 0		
	1			1	1		- 1		1			
Disinfection Byproducts	Sample Poi	nt		Period	Highest LRAA		Range		Unit		MCL	MCLG
Total Haloacetic Acids (HAA5)	14360 Rue o	le Fleur		2021	6		5.6 - 5.6		ppb		60	0
Total Haloacetic Acids (HAA5)	Hwy 42 & H	Hwy 16		2021	7		6.8 - 6.8		ppb		60	0
TTHM	14360 Rue o	le Fleur		2021	12		11.5 - 11.5		ppb		80	0
TTHM	Hwy 42 & H	Hwy 16		2021	16		15.7 - 15.7		ppb		80	0
		·				n				1		
Disinfectant		D	ate	Highes	t Qtr	Unit	R	ange of		M	RDL	MRDLG
				RAA R	lesult		Indivi	dual Valu	es			
Chlorine		2021		1.5		ppm	0.71 - 2.6			4		4
				. D (4 \$7.3	D	T T •4			CNCX	
Secondary Contaminants			Collect	ion Date	High	est Value	Range	Unit			SMCL	
Chloride			02/11/2	019	13		13	MG/L			250	
Iron			02/11/2	019	0.08		0.08	MG/L			0.3	
Aluminum			10/12/2	020	0.02		0 - 0.02	MG/L	0.2		0.2	
Manganese			10/12/2	020	0.03		0.01 - 0.03	MG/L			0.05	
pH			10/12/2	020	8.72		7.89 - 8.72	pH			8.5	
Sulfate			10/12/2	020	9		2 - 9	MG/L			250	

OAKRIDGE, PWS ID: 1063058

Regulated Contaminants	Water System	Collection Date	Highest Value	Range	e Un	it N	ACL N	ICLG	Violation
Asbestos	City of Denham Springs	07/07/2020	0.2	0 - 0.2	MFL	7	7		No
Combined Radium (-226 & -228)	City of Denham Springs	07/07/2020	1.04	0 - 1.04	pCi/l	5	0		No
Fluoride	City of Denham Springs	07/07/2020	0.6	0.1 – 0.0	6 ppm	4	4		No
Gross Beta Particle Activity	City of Denham Springs	07/07/2020	5.75	0-5.75	5 pCi/l	50	0		No
Nitrate-Nitrite	City of Denham Springs	05/26/2021	0.2	0 - 0.2	ppm	10	10)	No
Source Water Radiological Contan	ninants	Collection D	ate Highest Va	lue	Range	Unit	MCL	MCLG	Violation
C_{rest} is a 1 D a diama (226 θ_{rest} 220)		06/10/2019	0.497	0	407	- C:/1	E	0	N

Combined Radium (-226 & -228)		06/19/20)18	0.487	7	0.487	pCi/l	5	(0	No
Lead and Copper		Collect	tion Date	90 th	Percentile	Range	Unit	A	L	Site	es over AL
Lead		2016-20	18	1		0 - 2	ppb	15	(0	
Disinfectant	Da	te	Highest	Qtr	Unit		Range of		MR	DL	MRDLG
		RAA		sult		Indi	Individual Value				
Chlorine	2021		1.2		ppm	0.73 - 1	2		4		4

Disinfection Byproducts	Sample P	Sample Point		Highest LR	AA	Range	Unit	MCL	MCLG
Total Haloacetic Acids (HAA5)	Between 1	0970 & 11000 Oakridge Drive	2021	8		7.7 – 7.7	ppb	60	0
Total Haloacetic Acids (HAA5)	NW Corne	er of Primrose Ct.	2021	8		7.7 – 7.7	ppb	60	0
TTHM	Between 1	0970 & 11000 Oakridge Drive	2021	18		18.4 - 18.4	ppb 80		0
TTHM	NW Corne	er of Primrose Ct.	2021	18		18.4 - 18.4	3.4 ppb 80		0
Secondary Contaminants	Collection Date	Water System	Highest	Value	Rang	je	Unit	5	SMCL
Aluminum	11/30/2020	City of Denham Springs	0.03		0 - 0	.03	MG/L	().2
Iron	11/29/2021	City of Denham Springs	0.05	0.05 0			MG/L	().3
Manganese	07/06/2020	City of Denham Springs	0.03		0 - 0.03		MG/L		0.05
pH	07/07/2020	City of Denham Springs	8.69		6.43 - 8.69		pН	8	3.5
Sulfate	07/07/2020	City of Denham Springs	11		8-1	1	MG/L	2	250

PINE HEAVEN, PWS ID: 1063089												
Regulated Contaminants			Collec	tion Date	High	est Value	Range	Unit	M	CL	MCLG	Violation
Fluoride			01/07/2	019	0.1		0.1	ppm	4		4	No
Arsenic			07/26/2	021	1.9		1.9	ppb	10		0	No
Nitrate-Nitrite			07/26/2	021	0.2		0.2	ppm	10		10	No
Source Water Radiological Contaminants			Collec	tion Date	High	est Value	Range	Unit	MO	CL	MCLG	Violation
Combined Radium (-226 & -228)			01/07/2	019	0.567		0.567	pCi/l	5		0	No
Gross Beta Particle Activity			07/26/2	021	1.71		1.71	pCi/l	50		0	No
Lead and Copper			Collec	tion Date	90 th P	Percentile	Range	Unit	A	L Sites		s over AL
Copper, free			2019-20	021	0.2		0-0.3	ppm	1.3		0	
Lead			2013-20	015	1		1	ppb	15 0			
Disinfectant		D	ate	Highest	Qtr	Unit		Range of		Μ	RDL	MRDLG
Disinfectant		D	ate	Highest RAA Re	Qtr esult	Unit	In	Range of dividual Value	es	M	RDL	MRDLG
Chlorine		D 2021	ate	Highest RAA Re 1.7	Qtr esult	Unit ppm	In 0.53 –	Range of dividual Value 2.8	es	M	RDL	MRDLG 4
Disinfectant Chlorine	G. L.D.	2021	ate	Highest RAA Re 1.7	Qtr esult	Unit ppm	In 0.53 – 1	Range of dividual Value 2.8	es	M	RDL	MRDLG
Disinfection Byproducts	Sample Po	2021	ate	Highest RAA Re 1.7	Qtr esult Period	Unit ppm d High	Inc 0.53 – 1 nest LRAA	Range of dividual Value 2.8 Range		M 4	RDL MCL	MRDLG 4 MCLG
Disinfectant Chlorine Disinfection Byproducts Total Haloacetic Acids (HAA5) Total Haloacetic Acids (HAA5)	Sample Po	Dint h Drive	ate	Highest RAA Re	Qtr esult Period 2019	Unit ppm d High 2	In 0.53 –	Range of dividual Value 2.8 Range 1.53 – 1.53	es Uni ppb	M 4	RDL MCL 60	MRDLG 4 MCLG 0
Disinfectant Chlorine Disinfection Byproducts Total Haloacetic Acids (HAA5) Total Haloacetic Acids (HAA5)	Sample Po 15861 Rutl 16146 Rutl	D. 2021 bint h Drive h Drive	ate	Highest RAA Re 1.7	Qtr esult Period 2019 2019	Unit ppm d High 2 1	Inc 0.53 – mest LRAA	Range of dividual Value 2.8 Range 1.53 - 1.53 1.4 - 1.4	es Uni ppb ppb	M 4	MCL 60 60	MRDLG 4 4 0 0 0 0 0
Disinfectant Chlorine Disinfection Byproducts Total Haloacetic Acids (HAA5) Total Haloacetic Acids (HAA5) TTHM TTHM	Sample Pc 15861 Ruti 16146 Ruti 15861 Ruti	D 2021 Dint h Drive h Drive h Drive	ate	Highest RAA Re 1.7	Qtr esult 2019 2019 2018	Unit ppm d High 2 1 0 0	Inc 0.53 –	Range of dividual Value 2.8 Range 1.53 - 1.53 1.4 - 1.4 0.0	Uni ppb ppb ppb	M	MCL 60 60 80	MRDLG 4 MCLG 0 0 0 0 0 0 0
Disinfectant Chlorine Disinfection Byproducts Total Haloacetic Acids (HAA5) Total Haloacetic Acids (HAA5) TTHM TTHM	Sample Po 15861 Ruti 16146 Ruti 15861 Ruti 16146 Ruti	D 2021 Dint h Drive h Drive h Drive h Drive		Highest RAA Re 1.7	Qtr sult Period 2019 2019 2018 2018	Unit ppm	Inc 0.53 –	Range of dividual Value 2.8 1.53 - 1.53 1.4 - 1.4 0-0 0-0	es Uni ppb ppb ppb ppb	M	RDL 60 60 80 80	MRDLG 4 MCLG 0 0 0 0 0 0 0 0 0
Disinfectant Chlorine Disinfection Byproducts Total Haloacetic Acids (HAA5) Total Haloacetic Acids (HAA5) TTHM TTHM	Sample Pc 15861 Rut 16146 Rut 15861 Rut 16146 Rut	D 2021 bint h Drive h Drive h Drive h Drive		Highest RAA Re 1.7	Qtr sult Period 2019 2019 2018 2018 Utility	Unit ppm 2 1 0 0 0	Ind 0.53 - 1 est LRAA	Range of dividual Value 2.8 1.53 - 1.53 1.4 - 1.4 0-0 0-0	es Uni ppb ppb ppb ppb	M	MCL 60 60 80 80 80	MRDLG 4 MCLG 0 0 0 0 0 0 0 0 0
Disinfectant Chlorine Disinfection Byproducts Total Haloacetic Acids (HAA5) Total Haloacetic Acids (HAA5) TTHM TTHM Secondary Contaminants	Sample Pc 15861 Rut 16146 Rut 15861 Rut 16146 Rut	D 2021 bint h Drive h Drive h Drive h Drive	Collect	Highest RAA Re 1.7	Qtr sult Period 2019 2019 2018 2018 Highe	Unit ppm	Inc 0.53 - 1 est LRAA Range	Range of dividual Value 2.8 1.53 - 1.53 1.4 - 1.4 0-0 0-0 0-0	Uni ppb ppb ppb ppb	M	MCL 60 60 80	MRDLG 4 MCLG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Disinfectant Chlorine Disinfection Byproducts Total Haloacetic Acids (HAA5) Total Haloacetic Acids (HAA5) TTHM TTHM Secondary Contaminants Iron Measurement	Sample Pc 15861 Rut 16146 Rut 15861 Rut 16146 Rut	Dint h Drive h Drive h Drive h Drive	Collecti 07/26/2	Highest RAA Re 1.7 ion Date 021	Qtr sult Period 2019 2019 2018 2018 Highe 0.42	Unit ppm	Inc 0.53 - 1 est LRAA Range 0.42	Range of dividual Value 2.8 1.53 - 1.53 1.4 - 1.4 0-0 0-0 Unit MG/L MG/L	es Uni ppb ppb ppb ppb	M	MCL 60 60 80	MRDLG 4 MCLG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Disinfectant Chlorine Disinfection Byproducts Total Haloacetic Acids (HAA5) Total Haloacetic Acids (HAA5) TTHM TTHM Secondary Contaminants Iron Manganese CH	Sample Pc 15861 Rut 16146 Rut 15861 Rut 16146 Rut	Dint h Drive h Drive h Drive h Drive	Collecti 07/26/2 07/26/2	Highest RAA Re 1.7 ion Date 021 021	Qtr sult Period 2019 2019 2018 2018 Higher 0.42 0.02	Unit ppm	Ind 0.53 - 1 eest LRAA Range 0.42 0.02	Range of dividual Value 2.8 1.53 - 1.53 1.4 - 1.4 0-0 0-0 Unit MG/L MG/L	es Uni ppb ppb ppb	M	RDL MCL 60 60 80 80 80 80 SMCL 0.3 0.05 8.5	MRDLG 4 MCLG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Disinfectant Chlorine Disinfection Byproducts Total Haloacetic Acids (HAA5) Total Haloacetic Acids (HAA5) TTHM TTHM Secondary Contaminants Iron Manganese pH Outer	Sample Pc 15861 Ruti 16146 Ruti 15861 Ruti 16146 Ruti	Dint h Drive h Drive h Drive	Collect: 07/26/2 07/26/2 07/26/2	Highest RAA Re 1.7 ion Date 021 021 021 021	Qtr esult 2019 2019 2019 2018 2018 Highe 0.42 0.02 6.02	Unit ppm d High 2 1 0 0 0 est Value	Image 0.53 - west LRAA 0.42 0.02 6.02	Range of dividual Value 2.8 1.53 - 1.53 1.4 - 1.4 0-0 0-0 Unit MG/L pH MG/L	es Uni ppb ppb ppb ppb	M	RDL MCL 60 60 80 80 SMCL 0.3 0.05 8.5 250	MRDLG 4 MCLG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

ST KINGFIELD AKEA, F WS ID 1003024									1					
Regulated Contaminants			Collecti	ion Date	Highest	Value	Ra	ange	Unit	MC	L	MCLG	Violation	
Ethylbenzene			08/07/20	18	0.36		0.36		ppb	700		700	No	
Fluoride			07/21/202	21	0.2		0.2		ppm	4		4	No	
Styrene			08/07/20	18	0.37		0.37		ppb	100		100	No	
Toluene			08/07/20	18	0.00029		0.000	029	ppm	1		1	No	
Xylenes, Total			08/07/20	18	0.0017		0.001	17	ppm	10		10	No	
Nitrate-Nitrite			07/21/202	21	0.2		0-0.2	2	ppm			10	No	
Source Water Radiological Contaminants			Collection Date		Highest	Value	Ra	ange	Unit	MC	L	MCLG	Violation	
Combined Radium (-226 & -228)			12/09/20	19	0.179		0.179	9	pCi/l	5		0	No	
Lead and Copper			Collecti	ion Date	90 th Per	centile	Ra	ange	Unit	AI	L Sites		ites over AL	
Lead			2016-201	8	2		0 - 6		ppb	15		0		
Disinfection Byproducts	Sample Po	oint			Period	High	nest LR	RAA	Range	Uni	t	MCL	MCLG	
Total Haloacetic Acids (HAA5)	30340 Catl	holic Hall	Rd.		2021	3			3.1 – 3.1	ppb		60	0	
Total Haloacetic Acids (HAA5)	SW Hwy 4	2 at Hwy	43		2021	1			1.39 – 1.39	ppb		60	0	
TTHM	30340 Catl	holic Hall	Rd.		2021	7			6.8 - 6.8	ppb		80	0	
TTHM	SW Hwy 4	2 at Hwy	43		2021	3			3.2 – 3.2	ppb		80	0	
Disinfectant		Da	nte	Highest	Qtr	Unit		F	Range of		MR	RDL	MRDLG	
				RAA Re	sult			Indiv	idual Value	es				
Chlorine		2021		1.7	pr	m	0 -	-1.88			4		4	
					1				1					
Secondary Contaminants			Collecti	ion Date	Highest	Value	Ran	ge	Unit			SMCL		
Silver			07/21/202	21	0.043		0.019	9-0.043	MG/L			0.1		
Iron			07/21/202	21	0.19		0.04-	019	MG/L			0.3		
Manganese			07/21/202	21	0.12		0.05-0.12 MG/L		0.05					
Sulfate			07/21/202	21	8		8 MG/L		250					
pH			07/21/202	21	7.4		7.28-	-7.4	pН			8.5		
WILLTELLALL LIEAD OF ICLAND DWC I	10/2020													
WHITEHALL-HEAD OF ISLAND, PWS II	0 1063028		Callaat	on Data	Uighast	Value	D		IIn:4	M	TT I	MCLC	Violation	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants	0 1063028		Collecti	ion Date	Highest	Value	Ra	ange	Unit	MC	L	MCLG	Violation	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium	0 1063028		Collecti 05/21/20	ion Date	Highest 0.092	Value	R a 0.024	ange 4-0.092	Unit ppm	MC 2	L	MCLG	Violation No	
WHITEHALL-HEAD OF ISLAND, PWS I Source Water Regulated Contaminants Barium Fluoride	0 1063028		Collecti 05/21/20 07/21/20	ion Date 18 21	Highest 0.092 0.1	Value	R a 0.024 0.1	ange 4-0.092	Unit ppm ppm	MC 2 4		MCLG 2 4	Violation No No	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium Fluoride	0 1063028		Collecti 05/21/20 07/21/202	ion Date 18 21	Highest 0.092 0.1	Value	R a 0.024 0.1	ange 4-0.092	Unit ppm ppm	MC 2 4		MCLG 2 4	Violation No No	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium Fluoride Treated Water Regulated Contaminants	0 1063028		Collecti 05/21/20 07/21/202 Collecti	ion Date 18 21 ion Date 20	Highest 0.092 0.1 Highest 0.1	Value Value	R: 0.024 0.1 R: 0.0	ange 4-0.092 ange	Unit ppm ppm Unit	MC 2 4 MC		MCLG 2 4 MCLG	Violation No No Violation	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium Fluoride Treated Water Regulated Contaminants Nitrate-Nitrite Asheater	0 1063028		Collecti 05/21/20 07/21/202 Collecti 08/31/202	ion Date 18 21 ion Date 20 21	Highest 0.092 0.1 Highest 0.1	Value Value	Rate 0.024 0.1 Rate $0-0$ 0.2	ange 4-0.092 ange).1	Unit ppm ppm Unit ppm	MC 2 4 MC 10 7		MCLG 2 4 MCLG 10	Violation No Violation No	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium Fluoride Treated Water Regulated Contaminants Nitrate-Nitrite Asbestos	0 1063028		Collecti 05/21/20 07/21/202 Collecti 08/31/202 07/21/202	ion Date 18 21 ion Date 20 21	Highest 0.092 0.1 Highest 0.1 0.2	Value Value	R: 0.024 0.1 R: 0-0 0.2	ange 4-0.092 ange).1	Unit ppm ppm Unit ppm MFL	MC 2 4 MC 10 7		MCLG 2 4 MCLG 10 7	Violation No Violation No No	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium Fluoride Treated Water Regulated Contaminants Nitrate-Nitrite Asbestos	0 1063028		Collecti 05/21/20 07/21/202 Collecti 08/31/202 07/21/202	ion Date 18 21 ion Date 20 21 ion Date	Highest 0.092 0.1 Highest 0.1 0.2 Ultraspective	Value	R: 0.024 0.1 R: 0-0 0.2	ange 4-0.092 ange).1	Unit ppm ppm Unit ppm MFL	MC 2 4 10 7		MCLG 2 4 MCLG 10 7	Violation No No Violation No Violation	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium Fluoride Treated Water Regulated Contaminants Nitrate-Nitrite Asbestos Source Water Radiological Contaminants Combined Radium (226 fr. 228)	0 1063028		Collecti 05/21/20 07/21/202 08/31/202 07/21/202 Collecti	ion Date 18 21 ion Date 20 21 ion Date 20	Highest 0.092 0.1 Highest 0.1 0.2 0.1	Value Value Value	Ri 0.024 0.1 Ri 0-0 0.2	ange 4-0.092 ange).1	Unit ppm ppm Unit ppm MFL	MC 2 4 10 7		MCLG 2 4 MCLG 10 7 MCLG	Violation No No Violation No Violation	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium Fluoride Treated Water Regulated Contaminants Nitrate-Nitrite Asbestos Source Water Radiological Contaminants Combined Radium (-226 & -228) Grage Reta Particle Activity	0 1063028		Collecti 05/21/20 07/21/202 08/31/202 07/21/202 Collecti 08/31/202 08/31/202	ion Date 18 21 ion Date 20 21 ion Date 20 21	Highest 0.092 0.1 Highest 0.1 0.2 Highest 1.1 1.2	Value Value Value	R: 0.024 0.1 R: 0-0 0.2 R: 0.1 - 1.18	ange 4-0.092 ange).1 ange - 0.2	Unit ppm ppm Unit ppm MFL Unit pCi/l	MC 2 4 10 7 MC 5 50		MCLG 2 4 MCLG 10 7 MCLG 0	Violation No No Violation No Violation No	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium Fluoride Treated Water Regulated Contaminants Nitrate-Nitrite Asbestos Source Water Radiological Contaminants Combined Radium (-226 & -228) Gross Beta Particle Activity	0 1063028		Collecti 05/21/20 07/21/202 08/31/202 07/21/202 Collecti 08/31/202 07/21/202	ion Date 18 21 ion Date 20 21 ion Date 20 21 ion Date 20 21	Highest 0.092 0.1 Highest 0.1 0.2 Highest 1.18 1.18	Value Value Value	Ra 0.024 0.1 Ra 0-0 0.2 Ra 0.1	ange 4-0.092 ange).1 ange - 0.2	Unit ppm ppm Unit ppm MFL Unit pCi/l pCi/l	MC 2 4 10 7 5 50		MCLG 2 4 MCLG 10 7 MCLG 0 0	Violation No No Violation No Violation No No	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium Fluoride Treated Water Regulated Contaminants Nitrate-Nitrite Asbestos Source Water Radiological Contaminants Combined Radium (-226 & -228) Gross Beta Particle Activity	0 1063028		Collecti 05/21/20 07/21/202 08/31/202 07/21/202 Collecti 08/31/202 07/21/202	ion Date 18 21 ion Date 20 21 ion Date 20 21 ion Date 20 21 ion Date	Highest 0.092 0.1 Highest 0.1 0.2 Highest 0.2 1.18	Value Value Value	R: 0.024 0.1 R: 0-0 0.2 R: 0.1 - 1.18	ange 4-0.092 ange).1 ange - 0.2	Unit ppm ppm Unit ppm MFL Unit pCi/l pCi/l	MC 2 4 10 7 5 50		MCLG 2 4 MCLG 10 7 MCLG 0 0	Violation No No Violation No Violation No No	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium Fluoride Treated Water Regulated Contaminants Nitrate-Nitrite Asbestos Source Water Radiological Contaminants Combined Radium (-226 & -228) Gross Beta Particle Activity Lead and Copper Conner, free) 1063028		Collecti 05/21/20 07/21/202 08/31/202 07/21/202 Collecti 08/31/202 07/21/202 Collecti 2014-201	ion Date 18 21 ion Date 20 21 ion Date 20 21 ion Date 6	Highest 0.092 0.1 Highest 0.1 0.2 1 Highest 0.2 1.18 90th Personal Persona Persona Personal Personal Persona Persona Personal Personal Per	Value Value Value	R: 0.024 0.1 R: 0-0 0.2 R: 0.1 - 1.18 R: 0.1-0	ange 4-0.092 ange).1 - 0.2 ange - 0.2	Unit ppm ppm Unit ppm MFL Unit pCi/l pCi/l Unit	MC 2 4 10 7 MC 5 50 Al 1.3 1.3		MCLG 2 4 MCLG 10 7 MCLG 0 0 0 Site	Violation No No Violation No Violation No No S over AL	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium Fluoride Treated Water Regulated Contaminants Nitrate-Nitrite Asbestos Source Water Radiological Contaminants Combined Radium (-226 & -228) Gross Beta Particle Activity Lead and Copper Copper, free Lead) 1063028		Collecti 05/21/20 07/21/202 08/31/202 07/21/202 Collecti 08/31/202 07/21/202 Collecti 2014-201 2014-201	ion Date 18 21 ion Date 20 21 ion Date 20 21 ion Date 6 6	Highest 0.092 0.1 Highest 0.1 0.2 1 Highest 0.2 1.18 90 th Per 0.2 2	Value Value Value	Ri 0.024 0.1 Ri 0-0 0.2 Ri 0.1 - 1.18 Ri 0.1-0 1-2	ange 4-0.092 ange).1 - 0.2 ange - 0.2 ange).2	Unit ppm ppm Unit ppm MFL Unit pCi/l pCi/l Unit ppm pm	MC 2 4 10 7 5 50 A1 1.3 15 15		MCLG 2 4 MCLG 10 7 MCLG 0 0 0 Site 0	Violation No No Violation No Violation No No S over AL	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium Fluoride Treated Water Regulated Contaminants Nitrate-Nitrite Asbestos Source Water Radiological Contaminants Combined Radium (-226 & -228) Gross Beta Particle Activity Lead and Copper Copper, free Lead) 1063028		Collecti 05/21/20 07/21/202 08/31/202 07/21/202 Collecti 08/31/202 07/21/202 Collecti 2014-201 2014-201	ion Date 18 21 ion Date 20 21 ion Date 20 21 ion Date 6 6 6	Highest 0.092 0.1 Highest 0.1 0.2 1.18 90 th Per 0.2 2 2	Value Value Value	R: 0.024 0.1 R: 0-0 0.2 R: 0.1 - 1.18 R: 0.1-0 1-2	ange 4-0.092 ange).1 - 0.2 ange - 0.2 ange).2	Unit ppm ppm Unit ppm MFL Unit pCi/l pCi/l pCi/l Unit ppm ppb	MC 2 4 10 7 7 MC 5 50 A1 1.3 15 15		MCLG 2 4 4 10 7 7 MCLG 0 0 0 Site 0 0 0	Violation No No Violation No No No S over AL	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium Fluoride Treated Water Regulated Contaminants Nitrate-Nitrite Asbestos Source Water Radiological Contaminants Combined Radium (-226 & -228) Gross Beta Particle Activity Lead and Copper Copper, free Lead	Sample Poin		Collecti 05/21/20 07/21/202 Collecti 08/31/202 07/21/202 Collecti 08/31/202 07/21/202 Collecti 2014-201 2014-201	ion Date 18 21 ion Date 20 21 ion Date 20 21 ion Date 6 6 6 Period	Highest 0.092 0.1 Highest 0.1 0.2 Highest 0.2 1.18 90 th Per 0.2 2 Highest	Value Value Value centile	R: 0.024 0.1 R: 0-0 0.2 R: 0.1-0 1.18 R: 0.1-0 1-2	ange 4-0.092 ange .1 - 0.2 ange - 0.2 ange .2 Range	Unit ppm ppm Unit ppm MFL Unit pCi/l pCi/l pCi/l Unit ppm ppb	MC 2 4 10 7 MC 5 50 AI 1.3 15 Unit Unit		MCLG 2 4 MCLG 10 7 MCLG 0 0 0 Site 0 0 0 MCL	Violation No No Violation No No S over AL	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium Fluoride Treated Water Regulated Contaminants Nitrate-Nitrite Asbestos Source Water Radiological Contaminants Combined Radium (-226 & -228) Gross Beta Particle Activity Lead and Copper Copper, free Lead Disinfection Byproducts Total Halogenetic Actids (HAAS)	2) 1063028	t	Collecti 05/21/20 07/21/202 Collecti 08/31/202 07/21/202 Collecti 08/31/202 07/21/202 Collecti 2014-201 2014-201	ion Date 18 21 ion Date 20 21 ion Date 20 21 ion Date 6 6 6 Period 2021	Highest 0.092 0.1 0.1 0.2 Highest 0.2 1.18 90 th Per 0.2 2 Highest 6	Value Value Value centile	R: 0.024 0.1 R: 0.1 - 0 R: 0.1 - 0 1.18 R: 0.1-0 1-2	ange 4-0.092 ange .1 -0.2 ange -0.2 ange .2 .2 Range	Unit ppm ppm Unit ppm MFL Unit pCi/l pCi/l pCi/l Unit ppm ppb	MC 2 4 10 7 5 50 Al 1.3 15 Unit		MCLG 2 4 MCLG 10 7 MCLG 0 0 0 Site 0 0 0 MCL 60	Violation No No Violation No No s over AL MCLG	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium Fluoride Treated Water Regulated Contaminants Nitrate-Nitrite Asbestos Source Water Radiological Contaminants Combined Radium (-226 & -228) Gross Beta Particle Activity Lead and Copper Copper, free Lead Disinfection Byproducts Total Haloacetic Acids (HAA5) Total Haloacetic Acids (HAA5)	2) 1063028	t rry Rd.	Collecti 05/21/20 07/21/202 Collecti 08/31/202 07/21/202 Collecti 2014-201 2014-201	ion Date 18 21 ion Date 20 21 ion Date 20 21 ion Date 6 6 6 Period 2021 2021 2021	Highest 0.092 0.1 0.1 0.2 Highest 0.2 Highest 0.2 Highest 0.2 Highest 0.2 Highest 0.2 1.18 90 th Per 0.2 2 Highest 6 3	Value Value Centile	R: 0.024 0.1 R: 0.0 0.1 R: 0.1 1.18 R: 0.1-0 1-2	ange 4-0.092 ange 0.1 ange -0.2 ange -0.2 ange 2.9 - 6.4 1.55 - 3	Unit ppm ppm Unit ppm MFL Unit pCi/l pCi/l pCi/l ppm ppb	MC 2 4 10 7 MC 5 50 Al 1.3 15 Unit ppb ppb		MCLG 2 4 MCLG 10 7 MCLG 0 0 0 Site 0 0 MCL 60 60	Violation No No Violation No No s over AL MCLG 0	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium Fluoride Treated Water Regulated Contaminants Nitrate-Nitrite Asbestos Source Water Radiological Contaminants Combined Radium (-226 & -228) Gross Beta Particle Activity Lead and Copper Copper, free Lead Disinfection Byproducts Total Haloacetic Acids (HAA5) Total Haloacetic Acids (HAA5)	2 1063028	t rry Rd. vy 1039 @	Collecti 05/21/20 07/21/202 Collecti 08/31/202 07/21/202 Collecti 2014-201 2014-201 2014-201	ion Date 18 21 ion Date 20 21 ion Date 20 21 ion Date 6 6 6 Period 2021 2021 2021 2021	Highest 0.092 0.1 0.1 0.2 Highest 0.2 1.18 90 th Per 0.2 2 Highest 6 3 12	Value Value Centile	R: 0.024 0.1 R: 0.0 R: 0.1 1.18 R: 0.1-0 1-2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ange 4-0.092 ange 0.1 ange -0.2 ange -0.2 ange 2.9 - 6.4 1.55 - 3. 1.55 - 3.	Unit ppm ppm Unit ppm MFL Unit pCi/l pCi/l pm ppb 8 4 2	MC 2 4 10 7 MC 5 50 Al 1.3 15 Unit ppb ppb pnb		MCLG 2 4 MCLG 10 7 MCLG 0 0 0 Site 0 0 MCL 60 60 80	Violation No No Violation No No S over AL MCLG 0 0	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium Fluoride Treated Water Regulated Contaminants Nitrate-Nitrite Asbestos Source Water Radiological Contaminants Combined Radium (-226 & -228) Gross Beta Particle Activity Lead and Copper Copper, free Lead Disinfection Byproducts Total Haloacetic Acids (HAA5) Total Haloacetic Acids (HAA5) TTHM	2 1063028 Sample Poin 18724 Old Fe MRT-009 Hw 18724 Old Fe	t rrry Rd. vy 1039 @ rrry Rd.	Collecti 05/21/20 07/21/202 Collecti 08/31/202 07/21/202 Collecti 2014-201 2014-201 2014-201 2014-201	ion Date 18 21 ion Date 20 21 ion Date 20 21 ion Date 20 21 ion Date 6 6 6 Period 2021 2021 2021 2021 2021 2021 2021 202	Highest 0.092 0.1 0.1 0.2 Highest 0.2 Highest 0.2 Highest 0.2 1.18 90 th Per 0.2 2 Highest 6 3 12 10	Value Value Centile	R: 0.024 0.1 R: 0-0 0.2 R: 0.1-0 1.18 R: 0.1-0 1-2 I 2 1 2 1	ange 4-0.092 ange 0.1 ange -0.2 ange -0.2 2.9 - 6.4 1.55 - 3. 1.42 - 14 7.1 - 13	Unit ppm ppm Unit ppm MFL Unit pCi/l pCi/l ppm ppb 8 4.2 2	MC 2 4 10 7 7 5 50 50 Al 1.3 15 Unit ppb ppb ppb ppb ppb ppb		MCLG 2 4 MCLG 10 7 MCLG 0 0 0 0 0 0 0 0 0 0 0 0 0	Violation No No Violation No Violation No Sover AL MCLG 0 0 0	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium Fluoride Treated Water Regulated Contaminants Nitrate-Nitrite Asbestos Source Water Radiological Contaminants Combined Radium (-226 & -228) Gross Beta Particle Activity Lead and Copper Copper, free Lead Disinfection Byproducts Total Haloacetic Acids (HAA5) TTHM TTHM	Sample Poin 18724 Old Fe MRT-009 Hw 18724 Old Fe	t rrry Rd. vy 1039 @ rry Rd. vy 1039 @	Collecti 05/21/20 07/21/202 Collecti 08/31/202 07/21/202 Collecti 2014-201 2014-201 2014-201 2014-201	ion Date 18 21 ion Date 20 21 ion Date 20 21 ion Date 6 6 6 Period 2021 2021 2021 2021 2021 2021	Highest 0.092 0.1 Highest 0.1 0.2 Highest 0.2 1.18 90 th Per 0.2 1 1.8 90 th Per 6 3 12 10	Value Value Centile	R: 0.024 0.1 R: 0-0 0.2 R: 0.1-0 1.18 R: 0.1-0 1-2 I 1 1 1 1 1 1 1 1	ange 4-0.092 ange 0.1 ange - 0.2 ange - 0.2 ange - 0.2 2.9 - 6.4 1.55 - 3. 1.42 - 14 7.1 - 13.	Unit ppm ppm Unit ppm MFL Unit pCi/l pCi/l pCi/l ppm ppb	MC 2 4 10 7 7 5 50 50 Al 1.3 15 Unit ppb ppb ppb ppb ppb ppb ppb ppb		MCLG 2 4 MCLG 10 7 MCLG 0 0 0 Site 0 0 0 MCL 60 60 80 80 80	Violation No No Violation No No Sover AL MCLG 0 0 0 0	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium Fluoride Treated Water Regulated Contaminants Nitrate-Nitrite Asbestos Source Water Radiological Contaminants Combined Radium (-226 & -228) Gross Beta Particle Activity Lead and Copper Copper, free Lead Disinfection Byproducts Total Haloacetic Acids (HAA5) Total Haloacetic Acids (HAA5) TTHM TTHM	Sample Poin 18724 Old Fe MRT-009 Hw 18724 Old Fe	t rry Rd. vy 1039 @ rry Rd. vy 1039 @	Collecti 05/21/20 07/21/202 Collecti 08/31/202 07/21/202 Collecti 2014-201 2014-201 2014-201 2014-201 2014-201 2014-201 2014-201 2014-201 2014-201 2014-201	ion Date 18 21 ion Date 20 21 ion Date 20 21 ion Date 20 21 ion Date 6 6 6 2021 2021 2021 2021 2021 2021 202	Highest 0.092 0.1 Highest 0.1 0.2 Highest 0.2 1.18 90 th Per 0.2 1.18 91 th Per 0.2 1.18 Highest 6 3 12 10 Highest	Value Value Value centile LRAA	R: 0.024 0.1 R: 0-0 0.2 R: 0.1-0 1.18 R: 0.1-0 1-2 I 1 7 Random Random Random	ange 4-0.092 ange 0.1 ange - 0.2 ange - 0.2 ange - 0.2 ange - 0.2 -	Unit ppm ppm Unit ppm MFL Unit pCi/l pCi/l Unit ppm ppb 88 4.2 2	MC 2 4 10 7 7 7 MC 5 50 50 Al 1.3 15 15 Unit ppb ppb ppb ppb ppb ppb ppb		MCLG 2 4 MCLG 10 7 MCLG 0 0 0 0 0 0 0 0 0 0 0 0 0	Violation No No Violation No No S over AL MCLG 0 0 0 0	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium Fluoride Treated Water Regulated Contaminants Nitrate-Nitrite Asbestos Source Water Radiological Contaminants Combined Radium (-226 & -228) Gross Beta Particle Activity Lead and Copper Copper, free Lead Disinfection Byproducts Total Haloacetic Acids (HAA5) TTHM TTHM Contaminants	Sample Poin 18724 Old Fe MRT-009 Hw 18724 Old Fe	t rry Rd. vy 1039 @ rry Rd. vy 1039 @	Collecti 05/21/20 07/21/202 Collecti 08/31/202 07/21/202 Collecti 2014-2014 2014-2014 2014 2014-2014 2014-2014 2014-2014 2014-2014 2014 2014-2014 2014-2014 2014-2014 2014-2014 2014 2014-2014 2014-2014 2014-2014 2014-2014 2014 2014-2014 2014-2014 2014-2014 2014-2014 2014 2014-2014 2014 2014 2014 2014 2014 2014 2014	ion Date 18 21 ion Date 20 21 ion Date 20 21 ion Date 20 21 ion Date 6 6 6 Period 2021 2021 2021 2021 2021 2021 2021 202	Highest 0.092 0.1 0.1 0.1 0.2 1.18 90 th Per 0.2 1.18 90 th Per 0.2 1.18 91 th Per 0.2 1 1.18 91 th Per 0.2 1 1.18 91 th Per 0.2 10 12 10 10 Highest 78	Value Value Centile LRAA	R: 0.024 0.1 R: 0 - 0 0.2 R: 0.1 - 0 1.18 R: 0.1 - 1.18 R: 1.10 1.11 1.11 1.11 1.11 1.11 1.11 1.11 1.11 1.11 1.11 1.11 <th1< td=""><td>ange 4-0.092 ange 0.1 ange - 0.2 ange - 0.2 ange - 0.2 Ange - 0.2 - 0.2 -</td><td>Unit ppm ppm Unit ppm MFL Unit pCi/l pCi/l Unit ppm ppb 88 4.2 2 Unit MG/l</td><td>MC 2 4 10 7 7 7 MC 5 50 50 All 1.3 15 9 Unit ppb ppb ppb ppb ppb ppb ppb</td><td></td><td>MCLG 2 4 MCLG 10 7 MCLG 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>Violation No No Violation No No S over AL MCLG 0 0 0 0</td></th1<>	ange 4-0.092 ange 0.1 ange - 0.2 ange - 0.2 ange - 0.2 Ange - 0.2 -	Unit ppm ppm Unit ppm MFL Unit pCi/l pCi/l Unit ppm ppb 88 4.2 2 Unit MG/l	MC 2 4 10 7 7 7 MC 5 50 50 All 1.3 15 9 Unit ppb ppb ppb ppb ppb ppb ppb		MCLG 2 4 MCLG 10 7 MCLG 0 0 0 0 0 0 0 0 0 0 0 0 0	Violation No No Violation No No S over AL MCLG 0 0 0 0	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium Fluoride Treated Water Regulated Contaminants Nitrate-Nitrite Asbestos Source Water Radiological Contaminants Combined Radium (-226 & -228) Gross Beta Particle Activity Lead and Copper Copper, free Lead Disinfection Byproducts Total Haloacetic Acids (HAA5) TTHM TTHM Secondary Contaminants Chloride	Sample Poin 18724 Old Fe MRT-009 Hw NRT-009 Hw	t rry Rd. vy 1039 @ rry Rd. vy 1039 @	Collecti 05/21/20 07/21/202 Collecti 08/31/202 07/21/202 Collecti 2014-201 2014-201 2014-201 2014-201 2014-201 2014-201 2014-201 2014-201 2014-201 07/21/202 07/21/202	ion Date 18 21 ion Date 20 21 ion Date 20 21 ion Date 20 21 ion Date 6 6 6 Period 2021 2021 2021 2021 2021 2021 2021 202	Highest 0.092 0.1 0.1 0.1 0.2 0.1 Highest 0.2 1.18 0.1 90 th Per 0.2 2 6 3 12 10 Highest 78 0.06	Value Value Centile	R: 0.024 0.1 Rational state 0-0 0.2 R: 0.1-0 1.18 Rational state 0.1-0 1-2 1 1 78 0.06	ange 4-0.092 ange 0.1 ange -0.2 ange 0.2 Range 2.9 - 6.4 1.55 - 3 1.42 - 14 7.1 - 13. ge	Unit ppm ppm Unit ppm MFL Unit pCi/l Unit ppm ppb 88 4.2 2 Unit MG/L MG/L	MC 2 4 10 7 7 7 MC 5 50 50 All 1.3 15 9 Unit ppb ppb ppb ppb ppb		MCLG 2 4 MCLG 10 7 MCLG 0 0 0 0 0 0 0 0 0 0 0 0 0	Violation No No Violation No No S over AL MCLG 0 0 0 0	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium Fluoride Treated Water Regulated Contaminants Nitrate-Nitrite Asbestos Source Water Radiological Contaminants Combined Radium (-226 & -228) Gross Beta Particle Activity Lead and Copper Copper, free Lead Disinfection Byproducts Total Haloacetic Acids (HAA5) TTHM TTHM Secondary Contaminants Chloride Iron Manganese	Sample Poin 18724 Old Fe MRT-009 Hw NRT-009 Hw	t rry Rd. vy 1039 @ rry Rd. vy 1039 @	Collecti 05/21/20 07/21/202 Collecti 08/31/202 07/21/202 Collecti 08/31/202 07/21/202 Collecti 2014-201 2014-201 2014-201 2014-201 2014-201 2014-201 2014-201 2014-201 07/21/202 07/21/202 07/21/202	ion Date 18 21 ion Date 20 21 2021 2021 2021 2021 2021 2021 20	Highest 0.092 0.1 0.1 0.1 0.2 0.1 Highest 0.2 1.18 0.2 1.18 0.2 1.18 0.2 1.18 0.1 90 th Per 0.2 2 0.1 Highest 6 3 12 10 Highest 78 0.06 0.09 0.9	Value Value Centile	R: 0.024 0.1 Ra 0 - 0 0.2 R: 0.1 - 0 1.18 R: 0.1 - 0 1.18 R: 0.1-0 1-2 1 2 1 78 0.06 0.06 0.09	ange 4-0.092 ange 0.1 -0.2 ange 0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	Unit ppm ppm Unit ppm MFL Unit pCi/l Unit ppm pb 88 4.2 2 Unit MG/L MG/L MG/L	MC 2 4 10 7 7 7 MC 5 50 50 All 1.3 15 7 Unit ppb ppb ppb ppb ppb		MCLG 2 4 MCLG 10 7 MCLG 0 0 0 Site 0 0 0 MCL 60 60 80 80 80 80 SMCL 250 0.3 005	Violation No No Violation No No S over AL MCLG 0 0 0 0	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium Fluoride Treated Water Regulated Contaminants Nitrate-Nitrite Asbestos Source Water Radiological Contaminants Combined Radium (-226 & -228) Gross Beta Particle Activity Lead and Copper Copper, free Lead Disinfection Byproducts Total Haloacetic Acids (HAA5) TTHM TTHM Secondary Contaminants Choride Iron Manganese nH	Sample Poin 18724 Old Fe MRT-009 Hw 18724 Old Fe MRT-009 Hw	t rry Rd. vy 1039 @ rry Rd. vy 1039 @	Collecti 05/21/20 07/21/202 07/21/202 07/21/202 07/21/202 07/21/202 Collecti 2014-201 2014-201 2014-201 2014-201 2014-201 2014-201 2014-201 2014-201 07/21/202 07/21/202 07/21/202	ion Date 18 21 ion Date 20 21 2021 2021 2021 2021 2021 2021 20	Highest 0.092 0.1 0.1 0.1 0.2 0.1 Highest 0.2 1.18 0.1 90 th Per 0.2 1.18 0.2 1.18 0.2 Highest 6 3 12 10 Highest 78 0.06 0.09 7 35	Value Value Centile	R: 0.024 0.1 Ra 0 - 0 0.2 R: 0.1 - 1.18 R: 0.1 - 1.18 R: 0.1 -0 1-2 1 2 1 78 0.06 0.09 7 35	ange 4-0.092 ange 0.1 ange -0.2 ange 0.2 Range 2.9 - 6.4 1.55 - 3. 1.42 - 14 7.1 - 13. ge	Unit ppm ppm Unit ppm MFL Unit pCi/l pCi/l Unit ppm pb 8 4.2 2 Unit MG/L MG/L pH	MC 2 4 10 7 5 50 AI 1.3 1.5 Unit ppb ppb ppb ppb ppb ppb		MCLG 2 4 MCLG 10 7 MCLG 0 0 0 0 0 0 0 0 0 0 0 0 0	Violation No No Violation No No S over AL MCLG 0 0 0	
WHITEHALL-HEAD OF ISLAND, PWS II Source Water Regulated Contaminants Barium Fluoride Treated Water Regulated Contaminants Nitrate-Nitrite Asbestos Source Water Regulated Contaminants Nitrate-Nitrite Asbestos Source Water Radiological Contaminants Combined Radium (-226 & -228) Gross Beta Particle Activity Lead and Copper Copper, free Lead Disinfection Byproducts Total Haloacetic Acids (HAA5) TTHM TTHM Secondary Contaminants Choride Iron Manganese pH Sulfate	Sample Poin 18724 Old Fe MRT-009 Hw 18724 Old Fe MRT-009 Hw	t rry Rd. vy 1039 @ rry Rd. vy 1039 @	Collecti 05/21/20 07/21/202 07/21/202 07/21/202 07/21/202 07/21/202 Collecti 2014-201 2014-201 2014-201 2014-201 2014-201 2014-201 2014-201 2014-201 07/21/202 07/21/202 07/21/202 07/21/202	ion Date 18 21 ion Date 20 21 2021 2021 2021 2021 2021 2021 20	Highest 0.092 0.1 0.1 0.2 Highest 0.2 1.18 0.2 1.18 0.2 1.18 0.2 1.18 0.2 1.18 0.2 1.18 0.2 1.18 0.2 1.18 0.2 Highest 6 3 12 10 Highest 78 0.06 0.09 7.35 4 4	Value Value Centile LRAA Value	R: 0.024 0.1 Ra 0 - 0 0.2 R: 0.1 - 0 1.18 R: 0.1 - 0 1.18 R: 0.1-0 1-2 1 2 1 78 0.06 0.09 7.35 4	ange 4-0.092 ange 0.1 ange -0.2 ange 0.2 Range 2.9 - 6.4 1.55 - 3. 1.42 - 14 7.1 - 13. ge	Unit ppm ppm Unit ppm MFL Unit pCi/l pCi/l Unit ppm pb 8 8 4.2 2 Unit MG/L MG/L MG/L	MC 2 4 10 7 5 50 AI 1.3 1.5 1.5 Unit ppb ppb ppb ppb ppb		MCLG 2 4 10 7 0 MCLG 0 Site 0 0 0 MCL 60 60 60 80 80 SMCL 250	Violation No No Violation No No S over AL MCLG 0 0 0	

Disinfectant	Date	Highest Qtr RAA Result	Unit	Range of Individual Values	MRDL	MRDLG
Chlorine	2021	1.9	ppm	0.04 - 5.3	4	4

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly, (for example, people in apartments, nursing homes, schools and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail. Questions about this violation can be directed to our office at 225-952-7602.

Major Sources of:

- 1. Fluoride Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
- 2. DI(2-Ethylhexyl Phthalate) Discharge from rubber and chemical factories
- 3. Copper, free Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
- 4. Lead Corrosion of household plumbing systems; erosion of natural deposits
- 5. Total Haloacetic Acids (HAA5) By-product of drinking water disinfection
- 6. TTHM By-product of drinking water disinfection
- 7. 1,2-Dichloroethane Discharge from industrial chemical factories
- 8. Gross Alpha Particle Activity Erosion of natural deposits
- 9. Gross Beta Particle Activity Decay of natural and man-made deposits. Note: the gross beta particle activity MCL is 4 millirems/year annual dose equivalent to the total body or any internal organ. 50 pCi/L is used as a screening level
- 10. Nitrate- Nitrite Runoff from fertilizer use; Leaching from septic tanks, sewage, Erosion of natural deposits
- 11. Arsenic Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
- 12. Dalapon Runoff from herbicide used on rights of way
- 13. Hexachlorocyclopentadiene Discharge from chemical factories
- 14. Barium Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
- 15. Mercury Erosion of natural deposits; discharge from refineries and factories; runoff from landfills; runoff from cropland
- 16. Coliform (TCR) Naturally present in the environment
- 17. Combined Radium (-226&-228)-Erosion of natural deposits
- Chlorine Water additive used to control microbes
 Benzo(a)pyrene Leaching from linings of water storage tanks and distribution lines
- 20. Ethylbenzene Discharge from petroleum refineries
- 21. Styrene Discharge from rubber and plastic factories; leaching from landfills
- 22. Toluene Discharge from petroleum factories
- 23. Xylenes Discharge from petroleum factories
- 24. Asbestos Decay of asbestos cement water mains; Erosion of natural deposits