HOME LAND
LABS

1220 East Joppa Road #C505
Towson, MD 21286
Phone 443.505.8375
lab@homelandhealthyhomes.com
State Certified Water Quality Lab 365

108 Old Solomons Island Road, Suite I2
Annapolis, MD 21401
Phone 443.505.8375
lab@homelandhealthyhomes.com
State Certified Water Quality Lab 106

3430 Rockefeller Court
Waldorf, MD 20602
Phone 443.505.8375
lab@homelandhealthyhomes.com
State Certified Water Quality Lab 139

Certificate of Analysis

Date Reported: 01/26/2024

Hague Quality Water
814 E College Pkwy
Annapolis, MD 21409

Date and time received: 01/25/2024 09:10

Sample Number: **250329-01**
Location: 7230 Edgemont Rd
Frederick, MD 21702

Sample Time: 01/24/2024 10:35
Field Chlorine: 0.00
Field pH: 7.40

Field Preservation: Ice
Sampler: J. Eberhardt 1397JE
Sample Point: Basement Bath

Parameter	Method	Result	Pass/Fail or Acceptable/High	RL	Units	MCL / SMCL	Date of Analysis	Analyst
Bacteria-Total Coliform	Colilert-18 Test	Absent	Pass	1	Per/100ml	Present	01/26/2024	A G - 106
Bacteria-E.coli	Colilert-18 Test	Absent	Pass	1	Per/100ml	Present	01/26/2024	A G - 106

Approved By: Denise Butera, Lab Director

Understanding the Results

This narrative is intended to help the recipient understand the results. The information listed below is for tests commonly sampled or analyzed by Home Land Environmental Labs. For a full list of the Environmental Protection Agency's (EPA) Primary and Secondary Drinking Water Standards, please visit www.epa.gov. For more information on the services we offer, please visit www.homelandhealthyhomes.com.

Definitions and Acronyms

Maximum Contamination Level (MCL): A level established by the EPA which is the "highest level of a contaminant that is allowed in drinking water." Any level that exceeds the MCL is considered unsafe for human consumption. Secondary MCL (SMCL) is used for Secondary Drinking Water Standards.
Action Level:A measure of the effectiveness of the corrosion control treatment in water systems.
Not Detected (ND): Any level below the reporting limit.
Analyst: Refers to the individual who conducted the test.
Method: The type of analysis used to determine the results.
Reporting Limit (RL): The lowest level that can be detected by the method used for the analysis.
Primary Drinking Water Standard: Enforceable standards developed by the EPA. Levels that exceed the MCL for a particular standard are considered too unsafe for human consumption.
Secondary Drinking Water Standard: Standards developed by the EPA. Secondary standards are generally not considered to be dangerous to human health. They may cause aesthetic or cosmetic problems to the water quality or plumbing distribution system.

This table is for informational purposes only. See first page of report for your results.

Parameter	MCL/SMCL	Type	Effects	Source	Common Treatment Options
Total Coliform Bacteria	Present or 1 MPN/ 100mL	Primary	Used to indicate whether potentially harmful bacteria are present	Naturally Present	Well Repair and Chlorination, UV light
E. Coli Bacteria	Present or 1 MPN/ 100mL	Primary	Stomach illness	Human and animal fecal waste	Well Repair and Chlorination, UV light
Nitrates	10.0 mg/L	Primary	Blue-Baby Syndrome	Fertilizers and sewage	Reverse Osmosis System
Nitrites	1.0 mg/L				
Lead	Action Level of 0.015 mg/L	Primary	Slowed mental development, kidney problems, high blood pressure	Corrosion of household plumbing systems; erosion of natural deposits	Acid Neutralizer, Chemical Feeder (Soda Ash), Pipe Replacement
Radium Gross Alpha	15.0 pCi/L	Primary	Increased risk of cancer	Naturally occurring	Water Softener
Radium 226 & 228	5.0 pCi/L				
Volatile Organic Compounds (VOCs)	Varies	Primary	Increased risk of cancer	Gas and chemical leaks	Charcoal Filter
Arsenic	0.010 mg/L	Primary	Skin Damage, circulatory problems, cancer	Natural deposits, orchards, industrial waste	Reverse Osmosis System
Cadmium	0.005 mg/L	Primary	Kidney damage	Pipes, natural deposits, industrial waste	Reverse Osmosis System, Water Softener
Copper	Action Level of 1.3 mg/L	Primary	Gastrointestinal distress, liver or kidney damage	Corrosion of household plumbing systems, erosion of natural deposits	Acid Neutralizer, Reverse Osmosis System, Pipe Replacement
	1.0 mg/L	Secondary	Metallic taste; blue-green staining		
Turbidity (Public Water Systems	1.0 NTU	Primary	Water treatment interference, possible bacteria indicator	Varies	Filtration, Source Protection
Turbidity (Private Wells)	10.0 NTU (MD COP Requirement)	Primary	Possible bacteria indicator	Surface water, iron, other	Filtration, Source Protection
Iron	0.3 mg/L	Secondary	Possible staining on plumbing fixtures and laundry	Naturally occurring	Water Softener
Chlorides	250 mg/L	Secondary	Salty taste, plumbing corrosion	Salt water intrusion, road salts	Source Protection, Whole House Reverse Osmosis System
pH	Outside of 6.5-8.5 (Neutral range)	Secondary	Low pH: Bitter metallic taste, corrosion High pH: Slippery feel, soda taste, Deposits	Naturally occurring	Acid Neutralizer

HOME LAND LABS

250329 Due Date: 01/26/2024
Client: Hague Qual

Phone: (443) 505-8375 Email: lab@homelandhealthyhomes.com

1220 E Joppa Rd. Ste C505
Towson, MD 21286
MD Lab # 365

108 Old Solomons Island Road, Ste L2
Annapolis, MD 21401
MD Lab # 106

3430 Rockefeller Court
Waldorf, MD 20602
MD Lab # 139

2216 Commerce Road, Ste 2A
Forest Hill, MD 21050
MD Lab # 139

Please provide completed form with samples. Highlighted fields are required.

Client Name: HAGUE WATER OF MD	Property Address: 7230 EGREMONT RD
Email Address:	FREDERICK MD 21702
Phone Number: 410 757 2992	

Field Collection Information

Sampler Name: J EBERHARDT		Field pH: 7.4	
Sampler ID #: 1397 JE		Field Chlorine (mg/L): 0	
Date Sampled: 1-24-24	Time Sampled: 1035A.	Sand	NONE
Well Tag Number:		Clarity:	CLEAR
Compliance sample for public water system? ☒ No ☐ Yes		If yes, PWS ID #:	

Well Casing and Cap Condition

Well Type: ☐ Drilled ☐ Well Pit ☐ Below Grade ☐ Artesian ☐ Hand Dug ☐ N/A ☐ Other:_____

Height Above Grade:	Cap Type:	Casing:	Conduit
Sample Point: BSMT BATH		Water Conditioning:	

Requested Testing: (Please check all that apply)

☐ Potability (Bacteria, Nitrate + Nitrite, Turbidity)
☐ FHA/VA (Bacteria, Nitrate + Nitrite, Turbidity, Lead, Iron)

☒ Bacteria	☐ Chlorides	☐ Total Dissolved Solids
☐ Lead	☐ Hardness	☐ Copper
☐ Nitrate + Nitrite	☐ Arsenic	☐ VOCs
☐ Iron	☐ Cadmium	☐ Other: _____
☐ Turbidity	☐ Gross Alpha	☐ Other: _____

List rush samples below
Refer to table for rush turnaround times and fees

Release Signatures

Released By: J.E Date/Time: 1-25-24 910A.
Released By: _____ Date/Time: _____
Released By: _____ Date/Time: _____
Received in lab by: _____ Date/Time: 1/25/2024 910A

Samples received on ice? ☑ Yes ☐ No
Temperature: _____