



Fogle's Well Pump & Water Treatment, LLC
580 Obrecht Rd, Sykesville, Maryland
21784
(410) 795-5670
www.fogleswellpump.com

Invoice 6813007
Invoice Date 10/26/2020
Completed Date
Customer PO

Billing Address
Diane Wolfe
12704 Scaggsville Road
Highland, MD 20777 USA

Job Address
Diane Wolfe
12704 Scaggsville Road
Highland, MD 20777 USA

Description of Work

Task #	Description	Quantity
Convert to submersible pump sys	Converted jet pump system to a submersible well pump system. Installed a new 1/2hp Goulds well p...	1.00

Paid On	Type	Memo	Amount
10/26/2020	Visa		\$2,300.00

Potential Savings	\$0.00
Sub-Total	\$2,300.00
Tax	\$0.00
Total Due	\$2,300.00
Payment	\$2,300.00
Balance Due	\$0.00

Thank you for choosing Fogle's Well Pump & Water Treatment, LLC

This invoice is agreed and acknowledged. Payment is due upon receipt. A service fee will be charged for any returned checks, and a financing charge of 1% per month shall be applied for overdue amounts.

Diane Wolfe

10/26/2020

I find and agree that all work performed by Fogle's Well Pump & Water Treatment, LLC has been completed in a satisfactory and workmanlike manner. I have been given the opportunity to address concerns and/or discrepancies in the work provided, and I either have no such concerns or have found no discrepancies or they have been addressed to my satisfaction. My signature here signifies my full and final acceptance of all work performed by the contractor.

Diane Wolfe

10/26/2020

I authorize Fogle's Well Pump & Water Treatment, LLC to charge the agreed amount to my credit card provided herein. I agree that I will pay for this purchase in accordance with the issuing bank cardholder agreement.

Diane Wolfe

10/26/2020

12704 Scaggsville Road
Highland, MD



SEND REPORT TO:

Howard County Health Department

Bureau of Environmental Sciences

8400 Joppa Road

P.O. Box 21115

Columbia, Maryland 21045

State of Maryland
MDH - Laboratories Administration
DIVISION OF ENVIRONMENTAL SCIENCES

1770 Ashland Avenue, Baltimore, MD 21205

Robert A. Myers, Ph.D. Director

MICROBIOLOGICAL ANALYSIS OF DRINKING WATER

Category Code:

46

Invoice No.:

35095

Lab No.:

005302

FIELD RECORD

Sample Type:

- ☐ Community
☐ Transient
☐ Non-Transient
☒ Private
☐ Repeat Sample
☐ C.O.P.
☐ Bottled Water
☐ OTHER:

Source Address:

Dianne Wolfe, 12704 Seaggs Vilk Rd

Sampling Site:

Water Tank

Bottle No.:

HC12704

Ice: Yes ☐ No ☒Treated: Yes ☐ No ☐

County:

Howard

Date Collected:

1/4/21

Time Collected:

10:00 ☒ am ☐ pm

Collector Name:

B. Shklyar

Collector ID No.:

0120 B5

Collector Tel. No.:

410-313-1787

PWS ID No.:

Test Requested:

- ☒ Quantitative: Colilert-QT ☐ P/A: Colilert
☐ Heterotrophic Plate Count ☐ SimPlate
☐ Multiple Tube Fermentation: MTF
☐ Quantitative: Enterolert
☐ Other:

13

County

Plant No.

Sampling Station

6.5

pH

0.0

Res.Cl:

0.0

Free

0.0

Total

Remarks:

LABORATORY RECORD (MDH Use Only)

Test Method(s): (check all that apply)

- ☐ SM 9223 Colilert ☐ SM 9223 Colilert-QT ☒ SM 9223 Colilert-18
☐ SM 9221B (MTF) ☐ SM 9221B, F (MTF) ☐ SM 9223 Colisure
☐ SM 9215B (HPC) ☐ Enterolert ASTM D6503-99 ☐ SimPlate
☐ Other:

Temperature Control:

4.69°C

Thiosulfate:

- ☒ Present
☐ Absent
☐ Undetermined

P/A Test

100 mL Sample	(+/-)
Total Coliforms	
E. coli	
Enterococci	

Quantitative Test

Dilution: ☐ 1:10 ☐ 1:100 ☐ 1:1000

100 mL Sample	# Positive wells	MPN/100 mL
Total Coliforms	0	<1
E. coli	0	<1
Enterococci		

Heterotrophic Plate Count

Incubated 24, 48, 72hr @ 35°C

Plate A:

Plate B:

Average:

CFU/mL
MPN/mL

JAN 4 '21 PM 2:12

Received

JAN 4 '21 PM 3:36

Placed in Incubator

JAN 5 '21 AM 9:41

Results Read/Reported

Presumptive MTF Test

mL of Sample	10 mL
Gas/24h	
Gas/48h	

Confirmed MTF Test

mL of Sample	10 mL
Total Coliforms	
E. coli	

MTF Results

No. of Positive (+)	MPN/100 mL	Recorded Value

Specialized Testing Results:

Analyst:

A. Payer 1-5-21

Reviewed by/Date:

K. Jones 1/5/21

Remarks:

☐ Fax ☐ Email ☐ Phone

Laboratory:

☐ Central Lab (443) 681-3960 ☐ ESRL (410) 219-9005 ☐ WMRL (301) 759-5115

This report shall not be reproduced except in full without the written approval of the laboratory. Results only valid for sample received.

MDH-06 10/2019

ORIGINAL - LABORATORY

Environmental Health
JAN 14 2021
HCC Health Department

HOME LAND

LABS

9106 Philadelphia Road, Suite 106
Rosedale, MD 21237
Phone 443.505.8375
lab@homelandhealthyhomes.com
State Certified Water Quality Lab 353

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

Report Date: 10/14/2020

Client: Home Land Environmental, LLC
Property Address: 12704 Scaggsville Road
Highland, Maryland

Sample ID: Dianne M Wolfe
Report No: 194399
Sample Time: 10/13/20 09:15
Date & Time Received: 10/13/20 15:25
Sampled By: Tyler Young 7211JY (Exp. 5/14/2021)
Preservation: Ice
Sample Point(s): First floor hall bathtub
Water Conditioning Appears to be: Sediment Filter, Acid Neutralizer, UV Light

Chlorine Residual: 0.0
Field pH: 7.75
Well Type: Below Grade
Well Height: N/A
Cap Type: N/A
Casing: N/A
Conduit: N/A
Clarity: Clear
Sand: None Observed
Well Tag Number: No Visible Well Tag

Primary Contaminants

Parameter	Method	Result	Pass/Fail	Units	MCL	RL	Analyst	Date of Analysis
Bacteria-Total Coliform	Colitag Test	Absent	Pass	Per/100ml	Present	1	MAK-353	10/14/2020
Bacteria-E.coli	Colitag Test	Absent	Pass	Per/100ml	Present	1	MAK-353	10/14/2020
Nitrate + Nitrite as N	EPA 353.2	3.9	Pass	mg/l	10	0.5	ADM-353	10/14/2020

Secondary Contaminants

Parameter	Method	Result	Acceptable /High	Units	SMCL	RL	Analyst	Date of Analysis
Turbidity	EPA 180.1	1.1	Acceptable	NTU	10	0.5	AND-353	10/14/2020

Approved By Kevin Barnaba Kevin Barnaba, Lab Director

HOME LAND

L A B S

Understanding the Results

This narrative is intended to help the recipient to understand the results. The results listed below are only for tests commonly sampled or analyzed by Home Land Environmental Health Labs. For a full list of the Environmental Protection Agency's (EPA) Primary and Secondary Standards, go to: https://www.epa.gov/sites/production/files/201606/documents/npwdr_complete_table.pdf

Definitions and Acronyms

Analyst: Refers to the individual whom conducted the test.

Maximum Contamination Level (MCL): A level established by the EPA which is the "highest level of a contaminate that is allowed in drinking water." Any level that exceeds the MCL is considered not safe for human consumption.

Method: The type of analysis used to determine the results.

Not Detected (ND): Any level below the reporting limit.

Primary Drinking Water Standard: Enforceable standards developed by the EPA. Levels that exceed the MCL for a particular standard are considered to unsafe for human consumption.

Reporting Limit (RL): The lowest level that can be detected by the method used for the analysis.

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.

*Parameter analyzed by **MSS:** Maryland Spectral Services, **FRC:** Florida Radiochemistry, **ECL:** Enviro-Chem Laboratories

This table is for informational purposes only. See page 1 for your results

Parameter	MCL	Type	Effects	Source	Treatment
Total Coliform	Present	Primary	Used to indicate whether potentially harmful bacteria are present	Naturally Present	Well Repair and Chlorination, UV light
E. coli	Present	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
Nitrites	1.0 mg/L	Primary	Blue-Baby Syndrome	Fertilizers and Sewage	Reverse Osmosis
Lead	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
Gross Alpha	15.0 pCi/L	Primary	Increased risk of cancer	Naturally Occurring	Water Softener
Radium 226 & 228	5.0 pCi/L	Primary	Increased risk of cancer	Naturally Occurring	Water Softener
Volatile Organic Compounds (VOC)	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
Cadmium	0.005 mg/L	Primary	Kidney Damage	Pipes, Natural Deposits, Industrial Waste	Reverse Osmosis
Copper	1.3 mg/L	Primary	Gastrointestinal distress, Liver or Kidney Damage	Corrosion of household plumbing systems; Erosion of natural deposits	Acid Neutralizer, Reverse Osmosis, Pipe Replacement
Iron	0.3 mg/L	Secondary	Possible staining on plumbing fixtures and laundry	Naturally Occurring	Water Softener
Turbidity	10.0 NTU	Secondary	Interferes with filtration	Naturally Occurring	Sediment Filter
pH	6.5-8.5 (Neutral range)	Secondary	Low pH: Bitter metallic taste, Corrosion High pH: Slippery feel; Soda taste; Deposits	Naturally Occurring	Acid Neutralizer

Chain of Custody Form

HOME LAND LABS



194399

Date Due: 10/15/2

Client: Home Land Environmental, LLC

Project:

9106 Philadelphia Road, Suite 106
Rosedale, MD 21237
(443) 505-8375

MD Lab # 353

108 Old Solomons Island Road, Suite L2
Annapolis, MD 21401
(410) 224-4304

MD Lab # 106

3430 Rockefeller Court
Waldorf, MD 20602
(410) 224-4304

MD Lab # 139

Client Name:	
Email Address:	
Phone Number:	

Property Address:	
12704 Scaggsville Rd	
Highland, MD	

Field Collection Information

Sampler Name:	Tyler Young
Sampler ID #:	721WY
Date and Time Sampled:	10/13/20 9:15 am
Well Tag Number:	No Visible Tag - Below Grad

Field pH:	7.75
Field Chlorine (mg/L):	0.0
Sand:	None
Clarity:	Good

Well Casing and Cap Condition

Height Above Grade:	N/A	Cap Type:		Casing:		Conduit:	
Sample Point:	1st floor hall bath tub	Water Conditioning:	sed filter A/N UV light				

Requested Testing: (Please check all that apply)

- ☒ Potability (Bacteria, Nitrate + Nitrite, pH, Turbidity)
☐ FHA/VA (Bacteria, Nitrate + Nitrite, Nitrite, pH, Turbidity, Lead, Iron)
☐ Bacteria
☐ Lead
☐ Nitrate + Nitrite
☐ Iron
☐ Gross Alpha
☐ Saltwater Intrusion
☐ Arsenic
☐ Cadmium
☐ Fluoride
☐ Pesticides
☐ VOC
☐ Hardness
☐ Other: _____
☐ Other: _____
☐ Other: _____
☐ Other: _____

List rush samples below

Refer to table for rush turnaround times and fees

Release Signatures

Released By:

Date/Time: 10/13/20 3:25 pm

Released By: _____

Date/Time: _____

Released By: _____

Date/Time: _____

Received in lab by:

Date/Time: 10/13/20 15:25