MARYLAND DEPARTMENT OF THE ENVIRONMENT, WATER MANAGEMENT ADMINISTRATION 1800 Washington Blvd., Baltimore, Maryland 21230 (410) 537-3784 . . . WATER WELL ABANDONMENT-SEALING REPORT FORM ********************************* SUBMIT COPIES OF COMPLETED FORM TO: COUNTY ENVIRONMENTAL AGENCY (contact MDE, WMA if address needed) proved ports SP WELL OWNER MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM DATE WELL ABANDONED: JULY 21, 2010 (month/day/year) PERMIT NUMBER OF ABANDONED WELL (if any) - DDIO HO - 10PERMIT NUMBER OF REPLACEMENT WELL: PERSON ABANDONING WELL: BRUCE THOMOSON WELL DRILLER'S LICENSE NUMBER: JSD 0 38 CIRCLE: MWD / MSD / MGD Sallan OWNER'S NAME: Dileu SITE LOCATION MAP WELL LOCATION: Howard COUNTY: NEAREST TOWN: CLARK SVILLE buse TAX MAP 034 BLOCK 04 - PARCEL 6213 SUBDIVISION: 1 SECTION: LOT: 13471 TRUDELAHA MILL STREET ADDRESS: 39.216488 1Ade phia MILL LATITUDE LOG OF SEALING MATERIAL LONGITUDE 7 6.9802-2-1 FEET MATERIAL FROM TO TYPE OF WELL BEING ABANDONED: NTOne te DRILLED JETTED BORED HAND DUG OTHER (specify) USE CODE: DOMESTIC MUNICIPAL/PUBLIC IRRIGATION INDUSTRIAL **TEST/OBSERVATION** GEOTHERMAL VOLUME OF MATERIAL USED 600 # Bentruite mixed of Slarry TYPE OF CASING: STEEL PLASTIC CONCRETE OTHER (specify) Pursuant to § 10-624 of the State Govt. Article of the Maryland Code, personal info requested on this form is used in processing this form pursuant to COMAR 26.04.04. Failure to provide the info may result in this form not being processed. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment is subject to the INCHES IN DIAMETER SIZE OF CASING: b DEPTH OF WELL: 77 FEET DEEP Maryland Public Information Act. This form may be made available on the Internet via MDE's website and WAS ANY CASING REMOVED? YES NO is subject to inspection or copying, in whole or in part, by the public and other governmental agencies, if not protected by federal or State Law. If yes, length removed, in feet: WAS CASING RIPPED OR PERFORATED? YES NO Laus (MWD) MSD / MGS SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIAN LICENSE# CIRCLE ONE COUNTY



Bureau of Environmental Health 8930 Stanford Blvd | Columbia, MD 21045 410.313.2640 - Voice/Relay 410.313.2648 - Fax 1.866.313.6300 - Toll Free

Maura J. Rossman, M.D., Health Officer

August 18, 2020

Riley Fenlon 13471 Triadelphia Mill Road Clarksville, Maryland 21029

> RE: 13471 Triadelphia Mill Road Clarksville, Maryland 21029 Replacement Well HO – 20 - 0010

Dear Riley Fenlon:

As part of your replacement well sampling requirements, a sample was collected on July 7, 2020 and submitted to the Maryland Department of Health Laboratories to assess the possible presence of **Gross Alpha** and **Gross Beta** in the replacement well water supply. **Gross Alpha** and **Gross Beta** measure the total alpha and beta particle activity in a water supply. These naturally occurring radioactive nuclides have been demonstrated to be present in a certain type of geologic formation known as the Baltimore Gneiss which exists in your area of development within the County.

Results from this screening (sample collected during the yield test – no treatment present) revealed a Gross Alpha of 5.3 ± 1.7 picocuries/liter (pCi/L), while the Gross Beta level was 5.6 ± 1.8 pCi/L. The Gross Alpha result was below its maximum contaminant level (MCL) of 15 pCi/L, while the Gross Beta level was below its targeted standard of 50 pCi/L (roughly equivalent to the annual dose rate of 4 millirems/year).

At the time of testing and with respect to these parameters, the replacement well water supply results **meets** EPA regulatory standards. Additional testing **for these parameters** will not be required. Treatment for these contaminants does not appear necessary. Other samples collected for compliance with potability standards were previously sent as part of the Interim Certificate of Potability (ICOP). Now that ICOP sampling is complete, contact our office to schedule the follow-up bacteria test to help secure your Final Certificate of Potability.

A copy of the test results is enclosed for your information. Please call this office at **410-313-1773** if you have any further questions or to schedule testing to satisfy final potability requirements.

Sincerely,

Bert Nixon, Director Bureau of Environmental Health

Enclosure CC: Property file

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SEND REPORT TO Bert Wixon Howard County Health Department Burgau of Environmental Health 8930 Stanford Blvd. Columbia, Maryland 21045	State of Maryland DHMH - Laboratories Administration Division of Environmental Sciences RADIATION LABORATORY 1770 Ashland Avenue Baltimore, Maryland 21208 LABORATORY ANALYSIS REQUEST FORM	Lab No.
Plant/Site Name: 18471 Tradelphio	State to	
Sample Source:	Location:	20 DO 5
Baton-222 Bottle A HOSTODIO	Radon-222 Field Blank	(Well to., lab sink, sample tap, etc.) Bottle A
Radium Bottle B		Bottle B
County 13	Plant No.	
CHECK (one per Box)		
Type Servic Drinking Water Community Landfill Image: Servic Stream Image: Servic Other Other	□ Source (Raw)	Testing Emplemey Routine Recheck Special
Submitters Code: 4 F	Federal Project:	
Collector: Susan Thomas		
	Telephone No.:	- <u>>13-6201</u>
Date Collected: 11/20	*	p.m.
Field pH: 6.5	Field Chlorine:	
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TEST Code Lab		Analyzed Analyst Reported
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$\square \text{ Radium-228} \qquad 4030$		
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$\Box \text{Radon-222 (Bottle A)} 4004$		
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□ Radon Field Blank B 4004		
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Data Release Signature:	Sha Turk	Date: 7/13/20
Lab Use Only	Yes No	N/A
Sample Intact upon arrival?		
Sample pH <2.0?		
Received within holding time?		
	and the second second second second	+
•Tel	No.: (443) 681-3766 •Fax No.: (443) 681-4507	
FORM REVISED 05/15 DHMH 4540 05/17		N E TESTED AS RECEIVED

SAMPLE TESTED AS RECEIVED