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	SITE SUPERVISOR (sice	of driller or invenee		
COUNTY	responsible for sitework if	different from permittee)	CASING INDICATOR	1

SEQUENCE NO.	STATE OF	MARYLAND	STAT	E PERMIT NUMBER
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HERITAYE REALTY E LAN		UIN EYARDS	ECATHO	LE Creek
15 Last Name Owner When How 482	First Name 34	23 SUBDIVISION OL	LOTIZ	. 42
36 Street or RFD	55	SECTION 44	LOT 48 50	
15 Bow mo	21765	GIFNUS		
57 Town 70 State	72 Zip 76	52 NEAREST TOWN		71
DRILLER INFORMATION	*	MILES FROM TOWN (enter	O if in town)	0/2
RALINE MAYNE N	1 SD 1/2	MILES I HOW TOWN (enter	273-	76 77 78
Driller's Name 76	,	B 4 1 2	3/10.	10 1
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7/15 Mayor	7/10/11	8-9	CITOLL AFT	W 32(E)
Signature	Date	W TOWN E	34	43 37 SOUTH
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(GAL. PER DAY) 14 USE FOR WATER (CIRCLE API	20	8 NOT TO	BE FILLED IN	BY DEILLER
			DEPARTMENT	
DOMESTIC ROTABLE SUPPLY & RESIDEN	ITIAL	Howard	(13)	A50225-DD
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- IRRIGATION		STATE SIGNATURE		INGERT S
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P PUBLIC WATER SUPPLY WELL		7/22/2011	CO SIGNATURE	EXP. DATE
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SPECIAL CONDITIONS	2 /3 /4 /5 /6 // /8 /9		10 10 m	
MOTE APPROVING AUTHORNIES SHOULD USE REPARATE SHEET IF NEEDED .		as in the second		•

DENN Down 07

2 COUNTY

Review	

FIELD DATA SHEET HOWARD COUNTY WELL YIELD TEST

Locat	Permit No. HO - 95-2182 tion of property (road) 3715 Sofia Court. ivision VINEYAROS & CATTAIL Creek Lot 25 Block Plat Sec. Driller RAYL MAYNE Owner Henitage Realty & Cand Development
	Depth of well 285 Distance of measuring point (M.P.) above ground 285 Static water level (S.W.L.) below M.P. 27 4
I.	High rate pumping reservoir drawdown Time pump started 8.30 Pumping rate 15 6 pm Total time 15 min to reach pumping water level 40 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute in-	WATER LEVEL below M.P.	PUMPING RATE time to fill I	FLOW METER READING (if used)	(gallons per minute)
tervals .	27 H.	gallon bucket		
8:30	21 10,	4 Sec	Test Stantel	15 Am
8:45	40 10	4 Sec	1251 STANYEL	15 6PM
9:00	40 H	4 See		
5:15	40 9	4 Sec		15 GPM 15 GPM
5:30	40 11	4 11		15 11
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10100	40 11	4 .11		15 11
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11100	40 11	4 11		15 1
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11:30	40 H	4 Sec		15 FRM
11:45	40 A	4 sec		15 fem
				4
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HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH WELL & SEPTIC PROGRAM

TEL: (410)313-1771 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired

inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval. Company Name: Gary Gleenbers Telephone #: 443-336-0915
Address: 5941 Hoot Clob Rd

(51)kndye MD 21075 (Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer License # and name of individual responsible for the field installation: Name (Print): 6ary Elkenbers License# 3260

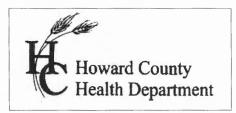
*A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency. Name of Property Owner: The 155 Telephone #:
Subdivision: Cette, Creek Lot #: Well Tag #: HO-95-2182 of 18 209
Site Address: 37/5 Sofia Ct Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit Make: <u>B11</u> Model#: <u>P100</u>-55 Two piece watertight cap: 90 Make: Screened, vented well cap: 4es Model #: **GPM** Depth: 4/4 (36" min) Pump Capacity _____ Cap secured to casing: NSF/WSC approved: Conduit min 18" B.G.: Well Yield: **GPM** Depth of well encountered at time of pump installation: (feet) Conduit secured to well cap: 40 If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4 Torque arrestors, Cable guards, or other acceptable method used-Must circle one Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing **House Connection** Piping to house Type: <u>Cres/122</u> PSI: <u>200</u>(160 psi min) PVC sleeve to undisturbed soil at wall penetration: Ves Length of sleeve(5' minimum from foundation): 70" Depth of supply line: 40 (36" min) Sleeve sealed properly: 4es The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation. Signature of company representative responsible for installation For Health Department Use Only - Not to be completed by Installer Date Insp. Requested: 04/18/2019 Date Insp. Approved: 04/18/2019 Inspector: 43 4/18/2019 Inspector: Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade Elec. conduit extends at least 18" below grade/attached to cap properly

Safety rope not outside of well cap/casing

Correct well tag attached properly and casing 8" above finished grade

Water supply line sleeved adequately at house connection

Adequate grout observed below pitless adanter Two piece cap installed and attached to casing securely Adequate grout observed below pitless adapter



7178 Columbia Gateway Dr., Columbia, MD 21046

(410) 313-2640

Fax (410) 313-2648

TDD (410) 313-2323

Toll Free 1-866-313-6300

website: www.hchealth.org

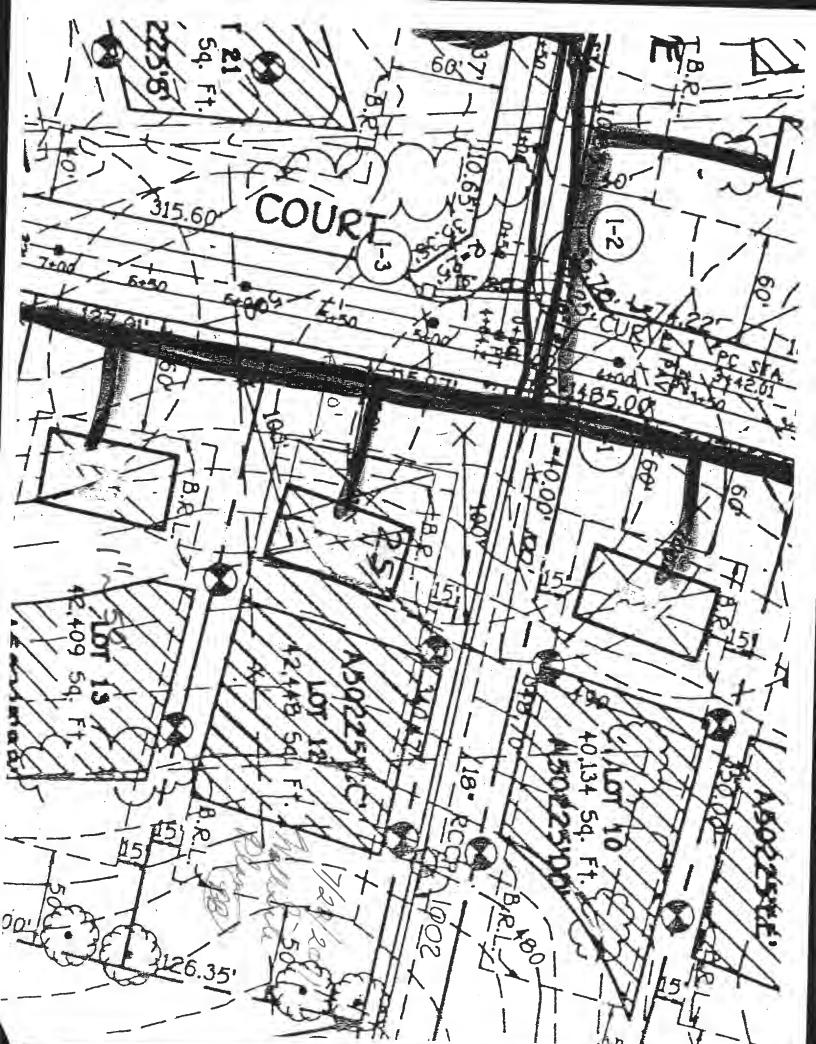
Peter L. Bielenson, M.D., M.P.H., Health Officer

TO ALL INTERESTED PARTIES

When submitting a well application for a proposed well for new construction, please indicate one of the following:

Well Site Location:	Old Lot #12				
Vineyards & Cattail Creek	New Lot #25	Sofia Court			
Subdivision/Property Name	Lot #	Road Name			
The well site has been stake (professional land surveyor or coordinate on	ompany employ	eritage Land Development ring professional land surveyors) does not require a site inspection.			
The well driller, builder or property owner will call the Health Department to schedule a time to meet in the field to verify the proposed well site location.					
This sheet, along with two copies of a to the green well permit application.	an acceptable	e well site plan, must be attached			

Revised 3/11/07



37/5 SOFIA CT GLE MD 2/738 Clerk of the Circuit Court Howard County Land Records/Licensing	E <i>NWOO∆</i> for
6095 Marshalee Drive Suite 120 Elkridge, MD 21075 410-313-5850	ann
LR - Agreement Recording Fee 1x 20.00 Name: theis Ref: 5	20.00
LR - Agreement Surcharge 1x 40.00 ==================================	40.00 ======= 60.00 60.00 =======
07/03/2019 09:28 #12372730/495/109 Thank you for visiting us	CC13-MT today~



follow-up sample(s).

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

AGREEMENT FOR APPROVAL OF AN INDIVIDUAL DRINKING WELL WITH AN ON-SITE TREATMENT SYSTEM

This agreement is entered into by and between the Howard County Health Department ("the Health

Department") and John A+	JOAN L.	THEIS	`	("the Owner").
WHEREAS, the Owner owns a trace, MD 21738 among the Land Records of Howard 225, Deed Reference # /11345/0	t of land at street a and the dollar to the	ddress 37/5 SOF eed and subdivision pla d, Tax Map # 21 , B unt # 04-366/15	at of the problem the flock #("the	perty is recorded _, Parcel # Property").
WHEREAS, the Property lacks an a individual well as the source of drin				to have and
WHEREAS, the Owner has installed been tested by the Health Departmentrogen. The results of the tests has Contaminant Level (MCL) of 10 mi	we shown that the	oratory certified to pen	ionn testing) IOI Miliale-
WHEREAS, The Maryland Department regulations under which a Certificate such Certificate to the Health Department.	e of Potability may			
WHEREAS, MDE regulations perm deviation to the Certificate of Potab the MCL for Nitrate.				
WHEREAS, MDE has determined to use of treatment devices (e.g. reverse		effectively removed fro	om the drin	king water by the
WHEREAS, the Owner is requestin contingent upon installation and ma				
WHEREAS, neither the Owner nor water for the Property.	the Health Departi	nent has knowledge of	an alternati	ve safe source of
NOW THEREFORE, the parties have	ve agreed to the fo	llowing terms and cond	litions:	
The Owner will record this and provide confirmation to		the Land Records of H	Howard Cou	nty, Maryland
2. The Owner agrees to install Nitrate below the MCL. The owner agrees to install the owner agrees the owner agrees to install the owner agrees the owner agree agree the owner agrees the owner agree agree the owner agree agree the owner agree the owner agree agree the owner agree agree agree the owner agree agree the owner agree agree agree the owner agree				

Website: www.hchealth.org Facebook: www.facebook.com/hocohealth Twitter: @HoCoHealth

operating effectively and the Owner agrees to allow access to the Health Department to collect a

- 3. The Health Department shall issue a Certificate of Potability for the well once follow-up sampling shows acceptable Nitrate levels.
- 4. The Owner agrees that there shall be no liability on part of the Health Department for any immediate or long term impacts to health or property, under any circumstance or including, but not limited to, treatment device failure, improper maintenance or installation, or defect. The Health Department does not warranty or guarantee that the device will adequately or properly function and the Owner agrees to implement and pay for any necessary changes or corrections.
- 5. The Owner acknowledges and agrees that neither the Health Department nor any of its agents or employees, either officially or individually, underwrites the operation of any system or treatment device.
- 6. This Agreement shall not be construed to limit any authority of the Health Department to protect the public health, safety or enjoyment of property or to issue any other orders to take any other action, which is now or may hereafter be within its authority.
- 7. This agreement contains the entire agreement and understanding between the Health Department and the Owner. There are no additional terms other than as contained in this Agreement. This Agreement may not be modified except in writing signed by each of the parties or their authorized representatives.
- 8. The Agreement shall run with the land and binds the Owner, his heirs, successors, and assigns.

 The owner agrees to provide a copy of this agreement to any purchaser or lessee of the property.
- 9. The laws of the State of Maryland govern the provisions of all transactions.

The parties have signed this Agreement on the dates set forth below.

Tult leen	7/2/19		
Owner	Date	Buyer	Date
Joan & This	7/2/19		
Owner /	'Date	Buyer	Date

Howard County Health Department Date

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554 FAX (410) 848-0298

REPORT OF ANALYSIS

Laboratory ID #:

130955

Account #:

Reference:

Tradition Home Builders

Company:

Tradition Home Builders

Location:

3715 Sofia Court

Requested By: Ann Leaf

Glenwood, MD 21738 Date/ Time Collected: 6/21/2019

1103

Source:

Well Water

Site:

Basement Bath Sink

Date/Time Rec'd:

6/21/2019

1441 Total: ND

Treatment:

None 5.7

7490

Chlorine ppm: Collected By:

Free: ND R. Ott

4269RO

pH: Well #:

HO-95-2182

	ra Gular	and the space	AND POSTORIAL	eksimintalah perm	
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	6/22/2019 / 1000 / CCH
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	6/22/2019 / 1000 / CCH
Nitrate	13.6	mg/L	10	601	6/21/2019 / 1620 / CRS
Sand	NS	mg/L	5	Visual/Gravimetric	6/21/2019 / 1640 / CRS
Turbidity	0.43	NTU	<10	SM20 2130B	6/21/2019 / 1640 / CRS



NOTES

- mg/L = milligrams per liter (also, parts per million) 1
- MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample. 2
- NS = None Seen (NS indicates less than 5 mg/L)3
- NTU = Nephelometric Turbidity Units 4
- Results less than or within the reference range are considered satisfactory and within potable water limits at the time of 5 sampling.
- 6 ND:None Detected
- 7 pH & Chlorine level tested on site
- Visual well check: Sealed, vented cap

Reason for Test:

Use & Occupancy

Building Permit #:

B18002074

Date Reported:

6/24/2019

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554 FAX (410) 848-0298

REPORT OF ANALYSIS

Laboratory ID #:

Collected By:

131250

Reference: Tradition Home Builders

Location: 3715 Sofia Court

Glenwood, MD 21738

Date/ Time Collected: 7/8/2019

Date/Time Rec'd: 7/8/2019 Chlorine ppm: Free: ND

Total: ND J. Yeager 6176JY

1156

1344

Account #:

7490

Company:

Tradition Home Builders

Requested By: Ann Leaf

Source:

Well Water

Site:

R/O Tap @ Kitchen

Treatment:

pH:

8.9

Well #:

HO-95-2182

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Nitrate	<1.0	mg/L	10	601	7/9/2019 / 0855 / RER

NOTES

- **Reverse Osmosis/Neutralizer/Softener/Sediment Filter 1
- mg/L = milligrams per liter (also, parts per million) 2
- Results less than or within the reference range are considered satisfactory and within potable water limits at the time of 3 sampling.
- 4 ND:None Detected
- 5 pH & Chlorine level tested on site
- Visual well check: Sealed, vented cap

Reason for Test:

Use & Occupancy

Building Permit #:

B18002074

Date Reported:

7/9/2019

Wolf, Kevin

From:

Wolf, Kevin

Sent:

Tuesday, July 02, 2019 9:11 AM

To:

leafhomes@gmail.com; jotheis@verizon.net

Subject:

3715 Sofia Court

Attachments:

[Untitled].pdf; Nitrate Agreement 2.11.19.pdf

Good morning,

In review of the property file referenced above to process your Certificate of Potability letter (ICOP) to get a release for your Use and Occupancy, you must review and sign the attached nitrate agreement. This signed agreement should be brought back to our office for review and signature. You will need to get this agreement recorded with Office of Land Records. The receipt of recordation for this agreement must be retuned to us for confirmation.

Thanks,

Kevin M. Wolf, LEHS, REHS/RS Groundwater Mgmt. Sec. Supervisor Well & Septic Program Bureau of Environmental Health 8930 Stanford Blvd. Columbia, MD 21045 (o) 410-313-2645 (f) 410-313-2648







kwolf@howardcountymd.gov

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