c1 26570	SEQUENC (MDE USE			THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
1 2 3 (THIS NUMBER IS TO BE PI IN COLS. 3-6 ON ALL CARD			FILL IN THIS FORM COMPLETELY PLEASE TYPE	COUNTY A 520 385 NUMBER A 520 448
ST/CO USE ONLY DATE Received MMDDYY	DATE WEL	COMPL		OK FROM "PERMIT NO.
B 13	15		20 (TO NEAREST FOOT)	28 29 30 31 32 33 34 35 36 37
OWNER64	Iast name	entu 1 Alli	NE LLC first name TOWN_CL	ANKSULLE MR
1 11	Nut Cree	ek i	PHASE IT SECTION	LOT _///
WELL			GROUTING RECORD Yes no	C 3
Not required fo STATE THE KIND OF FORMAT COLOR, DEPTH, THICKNESS		THEIR	WELL HAS BEEN GROUTED (Circle Appropriate Box)	1 2 PUMPING TEST
COLOR, DEPTH, THICKNESS DESCRIPTION (Use	S AND IF WATER BE	check	CEMENT CM BENTONITE CLAY BC	HOURS PUMPED (nearest hour)
additional sheets if needed)	FROM TO	if water bearing	NO. OF BAGS 45 26 NO. OF POUNDS 45 4600	PUMPING RATE (gal. per min.)
Top Soil	02		GALLONS OF WATER DEPTH OF GROUT SEAL (to nearest foot)	METHOD USED TO Bucked 15
CLAY	2 11		from $\frac{1}{48}$ TOP 52 ft. to $\frac{1}{54}$ BOTTOM 58 ft. (enter 0 if from surface)	WATER LEVEL (distance from land surface)
Standy	11 30	V	casing CASING RECORD	BEFORE PUMPING 17 20 ft.
Stand Store MICKA	30 45		(appropriate code below PL OT	WHEN PUMPING
MICKA		U	Delow PLASTIC OTHER MAIN Nominal diameter Total depth	A air P piston T turbine
SHAND Stowe MICKA	50 105		CASING top (main) casing of main casing TYPE (nearest inch)! (nearest foot)	C centrifugal R rotary O ther (describe below)
Micici	50,0		<u>60 61 63 64</u> <u>70</u>	J jet S submersible
			E OTHER CASING (if used) A diameter depth (feet) H of inch from to	27
			C St St 10 60	PUMP INSTALLED DRILLER INSTALLED PUMP YES NO
				(CIRCLE) (YES or NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.
			screen type or open hole ST BR HO	TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) 29
	T T		appropriate code	IN BOX 29. CAPACITY : GALLONS PER MINUTE
			below PLASTIC OTHER	(to nearest gallon) 31 35 PUMP HORSE POWER
NUMBER OF UNSUCCESSE	UL WELLS:	0	C 2 DEPTH (nearest ft.)	PUMP COLUMN LENGTH (nearest ft.)
WELL HYDROFRACTURED	yes Y		E 1 8 9 11 15 17 21	CASING HEIGHT (circle appropriate box and enter casing height)
CIRCLE APPROP A WELL WAS ABANDON		Theref	$\begin{array}{c} C \\ H \\ 2 \\ 23 \\ 24 \\ 26 \\ 30 \\ 32 \\ 36 \\ 32 \\ 36 \\ 36 \\ 32 \\ 36 \\ 36$	LAND SURFACE
E ELECTRIC LOG OBTAIN	COMPLETED		C 3 R 38 39 41 45 47 51	
P TEST WELL CONVERTER				ATITUDE 39. 23 742
I HEREBY CERTIFY THAT THIS WE ACCORDANCE WITH COMAR 26.04. IN CONFORMANCE WITH ALL CON CAPTIONED PERMIT, AND THAT HEREIN IS ACCURATE AND COM	04 "WELL CONSTRUC"	HE ABOVE		ONGITUDE 76.95051 DEFAULT COORD. WGS 84)
KNOWLEDGE.	C	D		NOTES:
DRILLERS LIC. NO. 1	NOD//	2.	GRAVEL PACK	
DRILLERS SIGNATURE (MUST MATCH SIGNATURE C	IN APPLICATION)	375	INSERT F IN BOX 68 68 68 MDE USE ONLY	
LIC. NO. I	MWD 51	2.	(NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q	
Frankhi Ph	illymi		70 72	•
SITE SUPERVISOR (sign. o responsible for sitework if dif			TELESCOPE LOG 74 75 76 CASING INDICATOR OTHER DATA	
		1100		101

the start of the second of the

COUNTY

EMERGENCY/TEMP NO. IF ANY STATE PERMIT NUMBER SEQUENCE NO. STATE OF MARYLAND (MDE USE ONLY) HO APPLICATION FOR PERMIT TO DRILL WELL -14 -001 please type 79 fill in this form completely LOCATION OF WELL Date Received (APA) B 3 OWNER INFORMATION tor 13 AL DD YY COUNTY 8 enture SASSLEN LLC WALnut Last Name 15 Ownei First Name 34 42 23 SUBDIVISION 482 0> 36 Street or RFD 55 SECTION | 11 MD 265 SON CLAZ ESUICE State Town 70 Zip 76 52 NEAREST TOWN 71 DRILLER INFORMATION MS D B 4 License No WILD OLIVE CH SOURCES OF DRILLING WATER 4 STREET ADDRESS 1. hell 11 30 NURTH 2. 20 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 3 Address WZE S 34 200 Signature 37 Date 2 WELL INFORMATION DISTANCE FROM ROAD B APPROX. PUMPING RATE ENTER FT OR MI 38 39 (GAL. PER MIN.) 12 TAX MAP: 28 BLK: 11 PARCEL 49 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 20 14 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL USE FOR WATER (CIRCLE APPROPRIATE BOX) DOMESTIC POTABLE SUPPLY & RESIDENTIAL D IRRIGATION A520385 towar 520448 F FARMING (LIVESTOCK WATERING & AGRICULTURAL **IRRIGATION**) COUNTY NAME COUNTY NO. STATE INDUSTRIAL, COMMERCIAL, DEWATERING 1 22 INSERT S P PUBLIC WATER SUPPLY WELL 41 DATE ISSUED 2014 T TEST, OBSERVATION, MONITORING 1 10611 FXP. DATE **OPEN LOOP GEOTHERMAL** 43 MM DD 48 CO SIGNATURE 0 YY C CLOSED LOOP GEOTHERMAL 15 PROPOSED LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, APPROXIMATE DEPTH OF WELL FEET ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO 28 DISTANCE MEASUREMENTS TO WELL NEAREST 6 " APPROXIMATE DIAMETER OF WELL INCH METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN CATALAA CI AIR-ROTary **ROTARY (Hydraulic Rotary)** AIR-PERcussion CABLE **REVerse-ROTary DRive-POINT** other REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX) Faxa way N THIS WELL WILL NOT REPLACE AN EXISTING WELL 1 OLIVE THIS WELL WILL REPLACE A WELL THAT WILL BE Y ABANDONED AND SEALED THIS WELL WILL REPLACE A WELL THAT WILL BE USED 39 S AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS D THIS WELL WILL DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED N us ll (IF AVAILABLE) 41 52 Not to be filled in by driller (MDE OR COUNTY USE ONLY) 2 HO 006 APPROP. PERMIT NUMBER -00 PERMIT No. 75 76 77 78 79 70 71 72 SPECIAL CONDITIONS • MO 12 NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED MDE/WMA/PER.071

Page	0:	
Care	Aug 28 2014	

2.2

FIELD DATA SHEET HOWARD COUNTY WELL YIELD TEST Review

Plat

Sec.

Well Permit No. HO - 14-0042 Location of property (road) WILD OLIVE Ct. Subdivision WALANT CREEK PHASE II I PHASE IL LOT 111 Block Maune Well Driller Kalph Owner BASSLER Venture LCC Depth of well 105

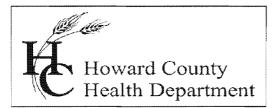
Distance of measuring point (M.P.) above ground 20 Static water level (S.W.L.) below M.P. 25

High rate pumping -- reservoir drawdown I. Time pump started 5:00 Pumping rate 20 6Pm Total time 15 mil to reach pumping water level 30 ft. below M.P.

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

$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		~			
gallon bucket       minute)         G:00       25 Ft.       3 Sq.       20 G/m.         S:15       30 H       3 Sq.       20 G/m.         S:30       30 H       3 Sq.       20 G/m.         S:45       70 H       3 Sq.       20 G/m.         S:30       30 H       3 Sq.       20 G/m.         S:45       70 H       3 Sq.       20 G/m.         S:45       70 H       3 Sq.       20 G/m.         10:00       30 II       3 U       20 II.         10:15       30 II.       3 U       20 II.         10:30       30 H       3 Sq.       20 G/m.         10:30       30 H       3 Sq.       20 II.         10:45       30 H       3 Sq.       20 II.         11:00       30 H       3 Sq.       20 G/m.         11:15       30 H       3 Sq.       20 II.         11:15       30 H       3 Sq.       20 II.         12:00       30 H       3 Sq.       20 G/m.         12:00       30 H       3 Sq.       20 G/m.         12:00       30 H       3 Sq.       20 G/m.         12:00       30 H       3 Sq.       20 G/m.	TIME (in 15	WATER LEVEL	PUMPING RATE	FLOW METER READING	CALCULATED FLOW
Gio       25       PK       3       S.R.       20       G.M.         Si 15       30       H       3       S.R.       20       G.M.         Si 15       30       H       3       S.R.       20       G.M.         Si 30       30       H       3       S.R.       20       G.M.         Si 30       30       H       3       S.R.       20       G.M.         Si 45       70       A       3       S.R.       20       G.M.         10:00       30       II       3       II       20       II         10:15       30       II       3       II       20       II         10:15       30       II       3       II       20       II         10:15       30       H       3       S.R.       20       G.M.         11:15       30       H       3       S.R.       20       G.M.         11:15       30       H       3       S.R.       20       G.M.         12:00       30       H       3       S.R.       20       G.M.         12:00       30       H       3       S.		Delow M.P.		(if used)	
7:15 $30$ $74$ $3$ $5e$ $20$ $6h$ $5:30$ $30$ $74$ $3$ $5e$ $20$ $6h$ $5:45$ $70$ $4$ $3$ $5e$ $20$ $6h$ $5:45$ $70$ $4$ $3$ $5e$ $20$ $6h$ $10:00$ $30$ $11$ $3$ $11$ $20$ $11$ $10:15$ $30$ $11$ $3$ $11$ $20$ $11$ $10:15$ $30$ $11$ $3$ $11$ $20$ $11$ $10:15$ $30$ $11$ $3$ $11$ $20$ $11$ $10:45$ $30$ $74$ $3$ $5e$ $20$ $6h$ $11:5$ $30$ $4$ $3$ $5e$ $20$ $6h$ $11:75$ $30$ $4$ $3$ $5e$ $20$ $6h$ $12:00$ $30$ $4$ $3$ $5e$ $20$ $6h$ $12:15$ $30$ $4$ $3$ $5e$	cervals				
Si 15       30 $H$ 3 $Sec$ 20 $Ghn$ Si 30       30 $H$ 3 $Sec$ 20 $Ghn$ Si 45       70 $H$ 3 $Sec$ 20 $Ghn$ 10'00       30       11       3 $H$ 3 $Sec$ 20 $Ghn$ 10'00       30       11       3 $H$ 3 $Sec$ 20 $Ghn$ 10'00       30       11       3 $H$ 3 $Sec$ 20 $Ghn$ 10'15       30 $H$ 3 $Sec$ 20 $Ghn$ 10'15       30 $H$ 3 $Sec$ 20 $Ghn$ 11'15       30 $H$ 3 $Sec$ 20 $Ghn$ 11'15       30 $H$ 3 $Sec$ 20 $Ghn$ 12:00       30 $H$ 3 $Sec$ 20 $Ghn$ 12:15       30 $H$ 3 $Sec$ 20 $Ghn$ 12:15       30 $H$ 3 </td <td>5,00</td> <td>25 Ft.</td> <td>3 Se</td> <td></td> <td>20 6Pm</td>	5,00	25 Ft.	3 Se		20 6Pm
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HD-224



Bureau of Environmental Health 8930 Stanford Blvd., Columbia, MD 21046-2147 Main: 410-313-1774 | Fax: 410-313-2648 TDD 410-313-2323 | Toll Free 1-866-313-6300 www.hchealth.org Facebook: www.facebook.com/hocohealth Twitter: HowardCoHealthDep

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

# INTERIM CERTIFICATE OF POTABILITY

Expiration Date – June 2, 2017

December 2, 2016

Homeowner 4975 Wild Olive Ct. Ellicott City, MD 21042

RE: Walnut Creek, Lot 111 4975 Wild Olive Ct. Building Permit: B16002377 Well Permit: HO-14-0042

Dear Homeowner:

This is to advise you that the septic system installation and water well construction for the above referenced property have been inspected and approved. Final approval of the septic system was granted on 12/2/2016. Final approval of the well line connection to the dwelling was granted on 12/2/2016. The well construction was completed on 8/29/2014. Water samples were collected on 11/18/2016.

The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking.

Gross Alpha and Beta samples were also collected on 9/24/2014. Results showed a Gross Alpha level of  $2.1 \pm 1.5$  pCi/L and Gross Beta level of  $4.0 \pm 0.0$  pCi/L. The Gross Alpha was below the maximum contaminant level (MCL) of 15 pCi/L and the Gross Beta was below the target level of 50pCi/L (roughly equivalent to the annual dose rate of 4 millirems per year). At the time of testing and with respect to these parameters, the well water is safe for all uses.

This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit HO-14-0042. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies.

This Interim Certificate of Potability will expire six months from the date of issuance. Submission of a second bacteriological test indicating the water is free of coliform and fecal coliform bacteria is required prior to the expiration date, after which time a Final Certificate of Potability will be issued. Failure to submit an additional sample and obtain a Final Certificate of Potability will result in a Notice of Violation and is punishable as a misdemeanor under the Annotated Code of Maryland, Environment Article, 9-1311, subject to a fine of up to \$500 or imprisonment not to exceed three months. Please contact (410) 313-1773 to schedule a final water sample appointment or contact a certified water quality laboratory to schedule a water sample. A list of laboratories certified by the state of Maryland may be found at the following website: http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf

In closing, please refer to our "Homeowner Fact Sheet" for understanding your Best Available Technology (BAT) for your onsite sewage disposal. You will also find a link to Maryland Department of the Environments website which elaborates in further detail operation and maintenance of your BAT.

Approving Authority,

The m. wall

Kevin M. Wolf, L.E.H.S., REHS/RS, Supervisor Groundwater Management Section Well & Septic Program

cc: Howard County Dept. of Inspections, Licenses, and Permits Community Hygiene Program File



3020 Ventrie Cault • P.O. BOX 245 • Myersville, MD 21773 • 800-332-3340 • FAX 301-293-2366 view Indericktownelabs.com • info@fredericktownelabs.com

Certificate of Analysis

## Acct. No. 3948 - 1675-1 Field Record

Site visit performe	d on: Friday, November 1	8, 2016	12:11	PM
	by: Steve Wolfe	State	D:No, 8	3587SW
	Affiliation: Tri-County Pr	ump Service	es	
Property Owner:	Craftmark			-
Project:	Lot 111	6 <u>0</u> 5		
Property Address:	4975 Wild Olive Court	÷		and a star
	Ellicott City, MD	1		• • • ×
Sample Source:	1st Floor Bath Vanity	ni i i i i i i i i i i i i i i i i i i		×* 333
Treatment Devices	Noted: 4x10 Filter			- Arafra
Sample taken after	treatment: Yes		· ·	
Field pH: 7.5			· · · .	
Free Res. Cl.: 0.0	mg/l	: * <sup>~</sup>	9 ×	2 <sup>6</sup> . 2
	· · ·			1 an 1

# Laboratory Report

Sample Received at laboratory: 11/18/2016 2:30 PM

Bacteriological results:

		Start			
Total Colif. (/100ml)	E.coli.(/100ml)	Date Time	Date Time	Method	Analyst
<1	<1	11/18/16-15:50	11/19/16-11:15	9223B	JD
		and a task of the second se			

Bacteriological analysis of this sample indicates the water is safe for human consumption and meets federal, state and local requirements. Analysis was performed according to the 20th edition of Standard Methods

#### Inorganic Chemical results:

Parameter		Result Units	MCL	Date of Analysis Method	Analyst
Nitrate-Nitrogen	8	5.8 mg/l	10	11/18/2016 300.0	PH
Sand		<2 mg/l	5	11/18/2016 0.065mmFilter	JD
Turbidity		3.9 NTU'	10	11/18/2016 180.1	КВ

Reported by: Name.

Fredericktowne Labs, Inc. Is a State Certified Water Quality Laboratory Maryland Cert. No. 116 Virginia Cert. No. 00444 MDOT WBE Cert. No.: 91-158

11/21/2016 12:58:16 PM

### Wolf, Kevin

From: Sent: To: Subject: John Pavlik <jpavlik@CraftmarkHomes.com> Thursday, December 01, 2016 11:19 AM Wolf, Kevin Fwd: U&O Release 4975 Wild Olive Court

John Pavlik

Project manager Walnut Creek Craftmark Homes

Begin forwarded message:

From: "Tuder, Matt" <<u>MTuder@howardcountymd.gov</u>> Date: December 1, 2016 at 9:04:03 AM EST To: "Harris, Leslie" <<u>lharris@howardcountymd.gov</u>> Cc: "Baucom, Scott" <<u>SBaucom@howardcountymd.gov</u>>, "Hart, Amy" <<u>AHart@howardcountymd.gov</u>>, "Rocco, Anthony" <<u>ARocco@howardcountymd.gov</u>>, "Baker, Brian" <<u>BBaker@howardcountymd.gov</u>>, "Martin, Sharhonda" <<u>smmartin@howardcountymd.gov</u>>, "Williams, Jeffrey" <<u>jewilliams@howardcountymd.gov</u>>, "Bozzell, Duane" <<u>DBozzell@howardcountymd.gov</u>>, "Bernard, Dana" <<u>dbernard@howardcountymd.gov</u>>, John Pavlik <<u>jpavlik@craftmarkhomes.com</u>> Subject: U&O Release 4975 Wild Olive Court

On the morning of November 14th, Duane Bozzell observed the start-up of a Sewage Grinder Pump at the Walnut Creek Shared Septic System:

Walnut Creek, Contract #4765 Craftmark Homes, Lot #111 4975 Wild Olive Court Ellicott City, MD 21042

We are now satisfied with repairs to the pump control panel. The Sewage Grinder Pump test was successful; the Bureau of Utilities releases its hold on this property for U&O.

Matt 410-313-4934 office 410-978-1320 mobile . . .

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Nell 1220 ħ.,

#### 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: In-Curry hung Stuly, Inc. Telephone #: 311-432-834
Address: (M) UNANDAMURAL P.K.
(Must circle one) Licensed Plumber, Licensed Well Driller Licensed Well Pump Installer
License # and name or individual resployed to the field installation; Name (Print):
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: Crofmark Hundl Telephone #: 713-932-0513 Subdivision: Well Tag #: HO - 14 - 0442
Site Address: 4975 Wild Olive CF
Submersible Rump Data Pitless Adapter Well Cap and Electric Conduit
Make: <u>SLe 6.0</u> Model #: <u>STP4HS0724</u> Model#: <u>PT400</u> Screened, vented well cap: <u>ya</u>
Pump Capacity     7     GPM     Depth     3(1° (36" min)     Cap secured to casing:     11       Well Yield:     20     GPM     NSF/WSC approved:     14     Conduit min 18" B.G.:     16
Depth of well encountered at time of pump installation: 105 (feet) Conduit secured to well cap; 10
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
Piping to house       House Connection         Type:       PVC sleave to undisturbed soil at wall penetration;
PSI: <u>Lv0</u> (160 psi min) Length of sleeve(5' minimum from foundation); <u>201</u>
Depth of supply line: (36" min) Sleeve sealed properly:
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piplog,
distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation. $777777777777777777777777777777777777$
Signature of company representative responsible for installation date
For Health Department Use Only - Not to be completed by Installer
Date Insp. Requested: 9/1/16 Date Insp. Approved: Inspector: SC
Inspection Data: Fitless adapter watertight & water supply line at least 36" below grade
Two piece cap installed and attached to casing securely
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 line sleeved where 410 Adequate grout observed below pitless adapter from Sewer line, well
Adequate grout observed below pitless adapter from Sewer line, well
line crosses over >



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045 Main: 410-313-2640 | Fax: 410-313-2648 TDD 410-313-2323 | Toll Free 1-866-313-6300 www.hchealth.org Facebook: www.facebook.com/hocohealth

Maura Rossman, M.D., Health Officer

December 5, 2014

Bassler Venture Attn. Tim Feaga 15950 North Avenue, P.O. Box 482 Lisbon, Maryland 21765

> RE: Walnut Creek Lot 111 Wild Olive Court Well Tag: HO - 14 - 0042

Dear Mr. Feaga:

A sample was collected during a yield test on September 24, 2014 and submitted to the Department of Health & Mental Hygiene Laboratories to assess the possible presence of **Gross Alpha** and **Gross Beta** in the future 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 revealed a Gross Alpha of  $2.1 \pm 1.5$  picocuries/liter (pCi/L), while the Gross Beta level was  $< 4.0 \pm 0.0$  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 value 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 future well water supply **meets** EPA regulatory standards. Additional testing **for these parameters** will not be required to secure the future Use & Occupancy. **Please note** that other standard testing parameters (bacteria, nitrate, turbidity and sand) will still be required to help secure Use & Occupancy.

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.

Sincerely,

ixon Directo

Bert Nixon, Director Bureau of Environmental Health

Enclosure cc: Property file

Howard County Health Bureau of Environment 8930 Stanford Blvd.	Departn	DEPARTME nent 201 h	Laborator	ies Admin St., Baltim	ore, MD 2120			ab No. 366	3 8 26	2
Columbia, Maryland 21	045	RAD	IATION A	NALYSI	S REQUES	ST FO	DRM		1	
Plant/Site Name: Walnut	Creek	Phase III	Lot !	III	-	Count	y:	How	vard	
Sample Source: Will - W Radon-222 Bottle A Bottle B			- (HC (		=) 22 Field Blan	Locati k	E	(Well Bottle A	1 – 00 L no., lab sink, sa	mple tap, etc.)
County 13		Sea. 1		Plant No.				1	and in the	
CHECK (one per Box)	1.12	Carl Vindy of S	1.25.9					-		10-2
Type       Drinking Water     Image: Constraint of the state	Comn Non-C Privat Other	Community e		Source	Point of Colle e (Raw) pution (treated	in-	<b>بعر</b> ت	R R	<u>Testin</u> mergency outine echeck pecial	
Date Collected:2	4/14	*	Ek .		me Collected				_a.m	p.n
Field pH: Nitric Acid Preserved: Remarks:	Yes [ ple	X No +aker	1	Fie Ice	eld Chlorine: ed: <u>fiel</u>	Yes	_1D  test	No [	a.m	
Field pH: Nitric Acid Preserved: Remarks:	EPA Code	talcer Lab No.	Metho	Fie Ice	eld Chlorine: ed: <u>(io)</u> Results (pC	Yes	ID	No	Caller .	p.n
Field pH: Nitric Acid Preserved: Remarks: M M M	EPA Code 4000	Lab No.	1	Fie Ice	eld Chlorine: ed: <u>(iol</u> <u>Results (pC</u>	Yes	_1D  test	No	a.m	Date
ield pH: litric Acid Preserved: emarks: f TEST Gross Alpha Gross Beta	EPA Code	talcer Lab No.	Metho	Fie Ice	eld Chlorine: ed: <u>(io)</u> Results (pC	Yes	ID	No	a.m	Date
ield pH: litric Acid Preserved: lemarks: TEST Gross Alpha Gross Beta Radium-226 Radium-228	EPA Code 4000 4100 4020 4030	Lab No.	Metho	Fie Ice	eld Chlorine: ed: <u>(iol</u> <u>Results (pC</u>	Yes	ID	No	a.m	Date
ield pH:         Jitric Acid Preserved:         Lemarks:       Same         Image: Same       TEST         Image: Same       Gross Alpha         Image: Same       Radium-226         Image: Same       Radium-228         Image: Total Uranium       Total Uranium	EPA Code 4000 4100 4020 4030 4030	Lab No.	Metho	Fie Ice	eld Chlorine: ed: <u>(iol</u> <u>Results (pC</u>	Yes	ID	No	a.m	Date
Yield pH:         Nitric Acid Preserved:         Remarks:         Second         Image: Second sec	EPA Code 4000 4100 4020 4030 4006 4004	Lab No.	Metho	Fie Ice	eld Chlorine: ed: <u>(iol</u> <u>Results (pC</u>	Yes	ID	No	a.m	Date
Yield pH:         Nitric Acid Preserved:         Remarks:         TEST         Gross Alpha         Gross Beta         Radium-226         Radium-228         Total Uranium         Radon-222 (Bottle A)         Radon-222 (Bottle B)	EPA Code 4000 4100 4020 4030 4006 4004 4004	Lab No.	Metho	Fie Ice	eld Chlorine: ed: <u>(iol</u> <u>Results (pC</u>	Yes	ID	No	a.m	Date
Field pH:         Nitric Acid Preserved:         Remarks:         Image: Semiclarity of the se	EPA Code 4000 4100 4020 4030 4006 4004	Lab No.	Metho	Fie Ice	eld Chlorine: ed: <u>(iol</u> <u>Results (pC</u>	Yes	ID	No	a.m	Date
Field pH:         Nitric Acid Preserved:         Remarks:         TEST         Gross Alpha         Gross Beta         Radium-226         Radium-228         Total Uranium         Radon-222 (Bottle A)         Radon Field Blank A         Radon Field Blank B	EPA Code 4000 4100 4020 4030 4006 4004 4004 4004	Lab No.	Metho	Fie Ice	eld Chlorine: ed: <u>(iol</u> <u>Results (pC</u>	Yes	ID	No	a.m	Date
Field pH:         Nitric Acid Preserved:         Remarks:         Image: Second Stress Stress         Image: Second Stress	EPA Code 4000 4100 4020 4030 4006 4004 4004 4004	Lab No.	Metho	Fie Ice	eld Chlorine: ed: <u>(iol</u> <u>Results (pC</u>	Yes	ID	No	a.m	Date
Field pH:         Nitric Acid Preserved:         Remarks:         Image: Second Stress Stress         Image: Second Stress	EPA Code 4000 4100 4020 4030 4006 4004 4004 4004	Lab No.	Metho	Fie Ice	eld Chlorine: ed: <u>(iol</u> <u>Results (pC</u>	Yes	ID	No	a.m	Date
Field pH:   Sitric Acid Preserved:   Remarks:   TEST   Gross Alpha   Gross Beta   Radium-226   Radium-228   Total Uranium   Radon-222 (Bottle A)   Radon Field Blank A   Radon Field Blank B   Tritium	EPA Code 4000 4100 4020 4030 4006 4004 4004 4004	Lab No.	Metho	Field No.	eld Chlorine: ed: <u>(iol</u> <u>Results (pC</u>	Yes	ID	No	a.m	Date
Field pH: Nitric Acid Preserved: Remarks: TEST Gross Alpha Gross Beta Radium-226 Radium-228 Total Uranium Radon-222 (Bottle A) Radon-222 (Bottle B) Radon Field Blank A Radon Field Blank B Tritium	EPA Code 4000 4100 4020 4030 4006 4004 4004 4004	Lab No.	Metho	Field No.	eld Chlorine: ed: Results (pC $2,1 \pm 1.5$ < 4.0	Yes	Date Analy 9/29/1 1 2 2 2 2 2 2 2 2 2 2 2 2 2	No	a.m	Date
Field pH: Nitric Acid Preserved: Remarks: TEST Gross Alpha Gross Beta Radium-226 Radium-228 Total Uranium Radon-222 (Bottle A) Radon-222 (Bottle A) Radon-222 (Bottle B) Radon Field Blank A Radon Field Blank B Tritium Date Received:	EPA Code 4000 4100 4020 4030 4006 4004 4004 4004	Lab No.	Metho	Field No.	eld Chlorine: ed: Results (pC $2,1 \pm 1.5$ < 4.0	Yes	Date Analy G/29/1 L	No	a.m	Date
Field pH:         Nitric Acid Preserved:         Remarks:         Image: Second Stress Alpha         Image: Gross Beta         Image: Gross Alpha         Image: Gross Beta	EPA Code 4000 4100 4020 4030 4006 4004 4004 4004	Lab No.	Metho	Field No.	eld Chlorine: ed: Results (pC $2,1 \pm 1.5$ < 4.0	Yes	Date Analy 9/29/1 1 2 2 2 2 2 2 2 2 2 2 2 2 2	No	a.m	Date

FORM REVISED 01/13 DHMH 4540 01/13 CUSTOMER COPY II

# Invoice

Howard County Health Department

Bureau of Environmental Health Attn: Bert Nixon, Director

DATE: OCTOBER 17, 2014 DATES OF SERVICE: SEPT 24, & SEPT 29, 2014 INVOICE #: 2014-024

8930 Stanford Boulevard, Columbia, MD 21045 Phone 410-313-2640 Fax 410-313-2648 www.hchealth.org

BILL Basslers Venture TO Attn: Tim Feaga 15950 North Ave P.O. Box 482

Lisbon, MD 21765

COMMENTS

Payment due upon receipt. Letter and results will be released upon receipt of payment.

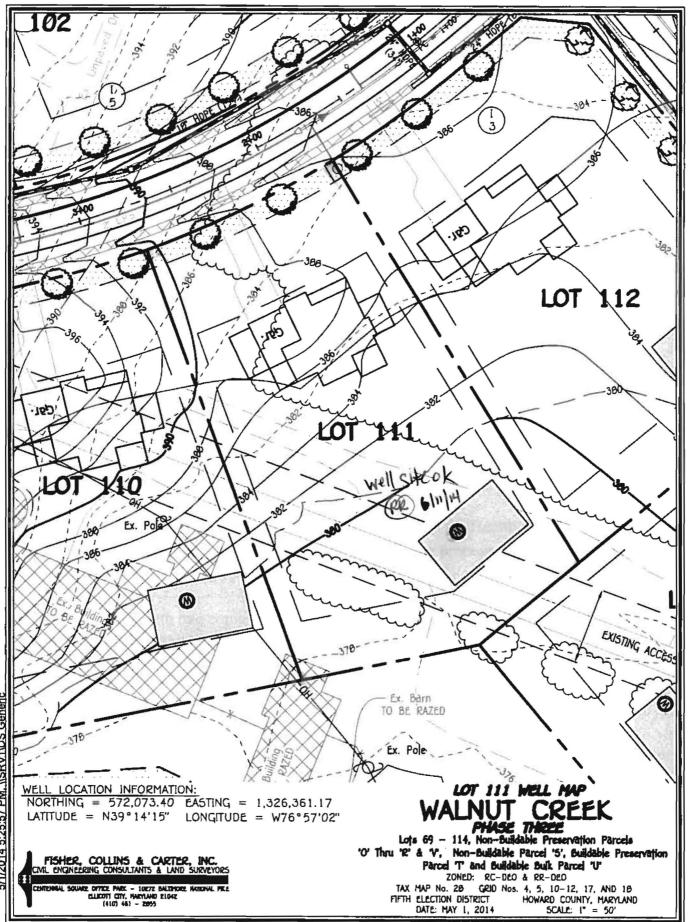
DATE	DESCRIPTION	BALANCE	AMOUNT
09/24/14 09/29/14	Gross alpha/beta testing performed for Walnut Creek, Lots 111, 113 and 114 HO - 14 - 0042 HO - 14 - 0044 and HO - 14 - 0045 Gross alpha/beta testing performed for Walnut Creek Lot 71		\$135.00
-	HO - 95 - 2662		\$45.00
•			
			AMOUNT DUE
			\$180.00

#### Please detach and return with payment.

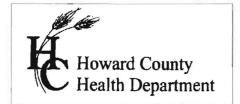
REMITTANCE	
Invoice #	2014-024
Site Information	Walnut Creek Lots 71, 111, 113 and 114
Amount Due	\$180.00

P/07 recept 55324 11/29/14

Make Checks Payable to: Director of Finance Mail Payments to: Bureau of Env. Health



:/2004/04001/dwg/PHASE THREE FINALS/04001 Phase Three WELL MAPS Lots 87-89, Lots 95-97, Lots 101-104 & Lots 107-114.dwg. 5/1/2014 5:25:57 PM. \\SRV11DS Generic



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:Walnut Creek Phase 3111Subdivision/Property NameLot #Road Name

Х

The well site has been staked byFisher, Collins and Carter, Inc.(professional land surveyor or company employing professional land surveyors)on05/07/14(date)and 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 an acceptable well site plan, must be attached to the green well permit application.

Revised 3/11/07