C 1 1262 SEQUENCE NO. (MDE USE ONLY)				STATE OF MARYLAND WELL COMPLETION REPORT	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED. COUNTY		
THIS NUMBER IS TO BE PUNCHED N COLS. 3-6 ON ALL CARDS)			FILL IN THIS FORM COMPLETELY PLEASE TYPE	NUMBER			
ST/CO USE ONLY DATE Received MM DD YY B 13					PERMIT NO. FROM "PERMIT TO DRILL WELL"		
OWNER CHELSE	AR	1566	ELIC	· Lancet and Section 1			
WELL SITE ADDRESS	last name	LONG	5 CORI	IER ROAD first name TOWN	M+. AIRY		
SUBDIVISION CHELL	LOG	KN	000	SECTION	IC 3		
Not required for		ells	100	WELL HAS BEEN GROUTED (Circle Appropriate Box)	C 3 PUMPING TEST		
STATE THE KIND OF FORMATI COLOR, DEPTH, THICKNESS	AND IF W	ETRATED.	RING	TYPE OF GROUTING MATERIAL (Circle one)	HOURS PUMPED (nearest hour)		
DESCRIPTION (Use additional sheets if needed)	FROM	ET TO	check if water bearing	NO. OF BAGS NO. OF POUNDS 45, 46	PUMPING RATE (gal. per min.)		
SOIL	0	8		GALLONS OF WATER DEPTH OF GROUT SEAL (to nearest foot)	METHOD USED TO MEASURE PUMPING RATE TIME & BUCK		
LAL	8	ماا		from 48 TOP 52 ft. to 54 BOTTOM 58 ft. (enter 0 if from surface)	WATER LEVEL (distance from land surface)		
Grown Shale	16	50		casing types insert ST CO	BEFORE PUMPING 17 20 ft.		
CLAY	50	60		appropriate code below PL OT	WHEN PUMPING 22 25 ft. TYPE OF PUMP USED (for test)		
Brown Shale	60	67		MAIN Nominal diameter Total depth of main casing	A air P piston T turbine 27 other		
blue Slate	67	300	~	TYPE (nearest inch)! (nearest foot) 60 61 63 64 66 70	C centrifugal R rotary O (descrit below)		
				E OTHER CASING (if used) A diameter depth (feet)	J jet S submersible		
, i = 1.9		85	-	inch from to	DRILLER INSTALLED PUMP YES NO		
26		280	~	N C	(CIRCLE) (YES or NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.		
3.7° ot		14.5 - 6 5-10	Die All	screen type or open hole ST BR HO	TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29.		
			7	insert appropriate code below BRONZE BRONZE HOLE	CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 3		
			Ego.	C 2 DEPTH (nearest ft.)	PUMP HORSE POWER 37 4		
NUMBER OF UNSUCCESSFO	UL WELL	s:)	1 2 70 300	PUMP COLUMN LENGTH (nearest ft.)		
WELL HYDROFRACTURED Yes N				E 1 8 9 11 15 17 21 C	CASING HEIGHT (circle appropriate box and enter casing height)		
CIRCLE APPROP	ED AND S	EALED	-0.	H 2 23 24 26 30 32 36 S	LAND SURFACE		
E ELECTRIC LOG OBTAINE TEST WELL CONVERTED	D		List.	C 3	49 foot)		
HEREBY CERTIFY THAT THIS WEL ACCORDANCE WITH COMAR 28.04.0 N CONFORMANCE WITH ALL CONE CAPTIONED PERMIT, AND THAT T HEREIN IS ACCURATE AND COM KNOWLEDGE.	4 "WELL CONTIONS ST	ONSTRUCT TATED IN TI MATION PE	TION" AND HE ABOVE RESENTED	SLOT SIZE 1	LATITUDE 3 _1. 3 b 7 4 / LONGITUDE 7 _1. 1 5 6 7 8 (DEFAULT COORD. WGS 84) NOTES: 5		
DRILLERS LIC. NO. 1	A WD	35	5.	GRAVEL PACK IF WELL DRILLED MAS ELOMBIC MELL TO THE	28/3		
DRILLERS SIGNATURE (MUST MATCH SIGNATURE OF LIC. NO.1			6	WAS FLOWING WELL INSERT F IN BOX 68 MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q	No.		
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)				70 72 74 75 76 TELESCOPE LOG	•		
MDE/WMA/PER.071	STORE HOL	berunu		CASING INDICATOR OTHER DATA COUNTY			

P 1 01 E 7 SEQUENCE NO.	STATE OF	MARYLAND	STATE PERMIT NUMBER
B 7 2155 (MDE USE ONLY)		PERMIT TO DRILL WELL	1
1 2 3 6		SEMMIT TO DRILL WELL se type	740 13 2070
	■ Control on		fill in this form completely 79
Date Received (APA)		B 3 1/20/00	LOCATION OF WELL
8 MM DD YY 13	RMATION	8 COUNTY	21
TIM STREET DE	thomas I a	Malser	· VIDOUS
15 Last Name Owner	First Name 34	23 SUBDIVISION	L KYIOUS
1266 DAVARIV Rd	Gute 140		2
36 Street or RFD	NUIT 55	SECTION 44 46	LOT 48 50
AVI CUM VA	12 101	m+ All	A 1
	72 Zip 76	52 NEAREST TOWN	71
DRILLER INFORMATION		MILES FROM TOWN (ente	11 -
MICHIEL MICION	M N/D 355		ter 0 if in town) 73 76 74-78
Driffer's Name 76	76 License No. 81	B 4	· - Rd
MILLY WELL DATE	M. Pryke	1 2 DIRECTION OF WELL FROM	I ONG LOYNEY
Film Name	201111111	TOWN (CIRCLE BOX)	11 NEAR WHAT HOAD 30
522 Underward in	PELAND	N N	ON WHICH SIDE OF ROAD NORTH
Aerdress	1011		(CIRCLE APPROPRIATE BOX)
11/1/1/2	3-8-11		WEST S EAST
Signature Signature	Date.	W TOWN E	34 37 SOUTH
B 2 WELL INFORMATION 1 2 APPROX. PUMPING RATE —	5	*	DISTANCE FROM ROAD
	8 12	SW L SE	ENTER FT OR MI 38 39
AVERAGE DAILY QUANTITY NEEDED	750	8-9 5 8-9	TAX MAP: 6 BLK: 22 PARCEL 9
(GAL. PER DAY) 14	20	8 NOT TO	
USE FOR WATER (CIRCLE API			O BE FILLED IN BY DRILLER TH DEPARTMENT APPROVAL
DOMESTIC POTABLE SUPPLY & RESIDEN	NTIAL	11 1	A DEL ALTIMETER
IRRIGATION	·	HOWGE	(3) A 5 (5039)
FARMING (LIVESTOCK WATERING & AGRI	ICULTURAL	COUNTY NAME STATE	
22 INDUSTRIAL, COMMERICIAL, DEWATERIN	NG	SIGNATURE	INSERT S ———————————————————————————————————
T MOOST MAL, GOMMETHOIAL, DEWATERING	iG	DATE ISSUED	is all shells
P PUBLIC WATER SUPPLY WELL		43 MM 00 YY 48	CO SIGNATURE EXPLOATE
T TEST, OBSERVATION, MONITORING	UFI/	NORTH	EAST OOO
G GEO-THERMAL	. 7	GRID 50 0	0 0 0 GRID 57 0 0 0 63
42		TOD ESATIDE	1 - V
ru 15	·	SHOW MAJOR FEATURES BOX & LOCATE WELL	S OF
APPROXIMATE DEPTH OF WELL 24	FEET 28	WITH AN X	- CAY
OF WELL	NEAREST	SOURCES OF DRILLING	WATER
APPROXIMATE DIAMETER OF WELL	INCH INCH	1. Hell	
METHOD OF DRILLING	(circle one)	3.	k
BORED (or Augered) JETTED	Jetted & DRIVEN	3.	1
30 AIR-ROTary AIR-PERcussion F	ROTARY (Hydraulic Rotary)	WRITE THE BOX NUMBER	an)
CABLE REVerse-ROTary	DRive-POINT	FROM THE MAP HERE	
other		127	
REPLACEMENT OR DEEPE	THEN WELLS	E 751	75 1
(CIRCLE APPROPRIATE		- DI	900
N THIS WELL WILL NOT REPLACE AN EXISTIF		N 590	
THIS WELL WILL REPLACE A WELL THAT V	364		W SHOWING LOCATION OF WELL IN
ABANDONED AND SEALED	Lu. V		TOWNS AND ROADS AND GIVE TO NEAREST ROAD JUNCTION
39 S THIS WELL WILL REPLACE A WELL THAT V		DISTANCE FROM	
FOR POLICY ON STANDBY WELLS	179	50	2
D THIS WELL WILL DEEPEN AN EXISTING WE		(/	(2)
PERMIT NUMBER OF WELL TO BE REPLACED OF		N R	3
(IF AVAILABLE) 41	- <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u></u>	CIII.	NO TOPPER
Not to be filled in by driller (MDE OR CO	OUNTY USE ONLY)	4 00/	
11000	-40 = (6)	2	8.1
APPROP. PERMIT NUMBER # 2 2 2	04C 00 2 (3)	3/	
***		V	13
PERMIT No. 70 71 72	- 93 - 209 72 73 74 75 76 77 78 79	1/	
SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED a	T. or dear		•



MICHAEL BARLOW WELL DRILLING & SERVICE, INC.

522 Underwood Lane

(410) 838-6910

Bel Air, Maryland 21014

Fax (410) 838-3582

WELL YIELD REPORT

		Date Test Completed:		July 27, 2011
		Well Depth:	300	feet
Customer	Elm Street Developn	nent	Permit #	HO-95-2098
Road	Long Corner Road		Subdivision	
City	Mt. Airy		Section	
State	Maryland		Lot #	3

Time	Water Level feet		Time to Fill 1-gallon bucket seconds	G.P.M.
7:45 AM	54		4	15.00
8:00 AM	72		4	15.00
8:15 AM	111		4	15.00
8:30 AM	119		4	15.00
8:45 AM	119	, í	4	15.00
9:00 AM	119	al.	4	15.00
9:15 AM	119	07	4	15.00
9:30 AM	119		4	15.00
9:45 AM	119		4	15.00
10:00 AM	119		4	15.00
10:15 AM	119		4	15.00
10:30 AM	119		4	15.00
10:45 AM	119		4	15.00
	or informational purposes only. Ple		e yield may increase or decr	ease
over time and the GPM	indicated above is not a guarantee	<u>. </u>		

long as the property is in existence and after installation of the system. Owner further agrees that they shall inform in writing any subsequent purchaser or lessee of the Lot that the system shall require maintenance or other attention. Upon taking title to the Lot, the Owner agrees to cause this agreement to be recorded in the Land Records of Howard County and assure that it becomes part of the Deed for the subject property in order that prospective buyers may be aware of the special conditions affecting this property.

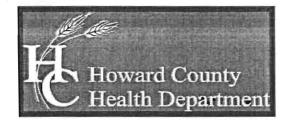
- F. This agreement shall not be construed to limit any authority of the County to protect the public health, safety or comfort or to issue any other orders to take any other action which is now or may hereafter be within its authority.
- G. This agreement may be voided at any time at the discretion of the County.
- H. This agreement contains the entire agreement and understanding between the County 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 by their authorized representatives.
- I. The laws of the State of Maryland govern the provisions of all transactions pursuant to this agreement.
- J. Owner acknowledges and agrees that interior renovations to increase the number of bedrooms or an increase in living space shall not be permitted without approval from the County.

IN WITNESS WHEREOF, the parties have signed and sealed this agreement on the date indicated above.

Chelsea Knolls, L.C., Russell Dickens, Manager

Owner

Date



Bureau of Environmental Health

7178 Columbia Gateway Drive, Columbia, MD 21046-2147 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 Twitter: HowardCoHealthDep

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

Lot 3

OPERATION AND MAINTENANCE AGREEMENT FOR AN ON-SITE SEWAGE DISPOSAL SYSTEM HAVING AN ADVANCED PRE-TREATMENT SYSTEM

57
THIS AGREEMENT is made this 15T day of May 2014, among
Chelsea Knolls, LC , hereinafter collectively referred to as
"Owner", and the Howard County Health Department hereinafter referred to as the
"County".
WHEREAS, Owner is the owner or contract owner of a parcel of land located at
18317 Chelsea Knolls Drive, Mt Airy, Maryland 21771 , in the 4th Election District of Howard
County, Maryland, and the deed to same is recorded or shall be recorded among the Land
Records of Howard County, Maryland in Liber 8717 Folio 579.
WHEREAS, The Lot is suitable for the installation of a conventional on-site sewage
disposal system with an advanced pre-treatment system, utilizing best available
technology to perform nitrogen reduction, in accordance with the Code of Maryland
Regulations 26.04.02.07, effective January 1, 2013.

NOW, THEREFORE, the parties hereto agree as follows:

- A. Owner hereby grants to the County the right to enter upon the Lot at any reasonable time for access to the system to make periodic inspections and the Owner agrees to provide any information and data in Owner's possession reasonably requested and needed by the County to develop accurate and thorough test results.
- B. Owner acknowledges and agrees that neither the County nor any of its agents or employees, either officially or individually, underwrites the operation of any system approved by them.
- C. The Owner will devote reasonable care and effort to the operation and maintenance of the system in perpetuity or until a public sewer connection is made so that a system malfunction is not the result of poor maintenance, faulty operation, or neglect.
- D. The Owner agrees to enter into a contract reasonably acceptable to the Owner and the County with a private entity to operate and maintain on a regularly scheduled basis an approved advanced pre-treatment system. The owner shall supply a copy of the contract to the County when it is renewed or altered.
- E. This agreement shall run with the land and upon Owner's taking title to the Lot shall bind the Owner, their heirs, successors, and assigns to the provisions of the agreement as

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 #:

106386

Account #:

Company:

Reference:

Chelsea Knolls Lot 3

6488

Hatfield's Equipment, Inc.

Location:

18317 Chelsea Knolls Drive

Requested By:

Kenny Hatfield

Mount Airy, MD 21771

Source:

Well Water

Date/ Time Collected: 3/30/2016

1252

Site:

Pressure Tank

Date/Time Rec'd:

3/30/2016

1335 Total: ND

Treatment:

Prior to Reverse Osmosis

Chlorine ppm:

Free: ND

pH:

6.2

Collected By:

C. Mooshian

7268CM

Well#:

HO-95-2098

		THE PERSON NAMED IN COLUMN		THE PERSON NAMED IN COLUMN	Office and the second
PARAMETERS	RESULTS	UNITS RE	FERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	3/31/2016 / 1000 / BCD
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	3/31/2016 / 1000 / BCD
Nitrate	4.38	mg/L	10	601	3/30/2016 / 1650 / CRS
Turbidity	0.80	NTU	<10	SM18 2130B	3/30/2016 / 1715 / CRS
Sand	NS	mg/L	5	Visual/Gravimetric	c 3/30/2016 / 1715 / CRS

NOTES

- mg/L = milligrams per liter (also, parts per million) 1
- 2 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 3 NS = None Seen (NS indicates less than 5 mg/L)
- 4 NTU = Nephelometric Turbidity Units
- 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 #:

B15002688

Date Reported:

3/31/2016

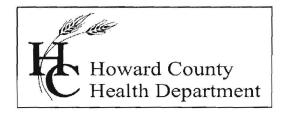
HOWARD COUNTY HEALTH DEPARTMENT

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: Robert L. Feezer Co.			Telephone #: 410-781-4655			
Address: 6321 Barnett Avenue			· ·			
	Sykesville, MD 21784					
License # and nar Name (Print): Jos			allation:	Licensed Well Pump Installer License# PI0173		
				entices must be under the supervision of		
				iller. Licenses may be subjected to field		
verification. Un	licensed individuals ma	ay be reported to the	approp	riate licensing agency.		
	Owner: Chelsea Knolls LC		Telepho	one #:		
Subdivision: Che		L	ot #: 3	Well Tag #: HO - 95 - 2098 V		
Site Address: 183						
	unt Airy, MD 21771					
Submersible Pur	np Data	Pitless Adapter	•	Well Cap and Electric Conduit		
Make: Grundfos	250	Make: Boshart		Two piece watertight cap: Yes		
Model #: 15SQE10-		Model#: P-100-SS		Screened, vented well cap: Yes		
Pump Capacity 15			" min)			
Well Yield: 15.00		NSF/WSC approved				
				Conduit secured to well cap: Yes		
				red by NSPC 1990 Section 17.8.4		
	Cable guards, or other a					
Safety rope, if us	sed, attached to brass r	ope adapter or othe	r accepta	able method inside of well casing N/A		
Piping to house		House Connection	'n			
Type: Poly				I soil at wall penetration: Yes		
	si min)		to undisturbed soil at wall penetration: Yes eve(5' minimum from foundation): 10'			
	ine: 42" (36" min)		eeve sealed properly: Yes			
Deput of supply 1	(30 11111)	Siceve scaled pro	perry			
distribution box,	drainfields, and sewas			otic tank, pump chamber, sewage piping, oot be accomplished, contact this office fo		
approval prior to	o installation.		(October 15, 2014		
Signature of com	pany representative resp	onsible for installation		date		
Signature of comp	party representative resp	onsidic for histaliatio	11	date		
	For Health Depar	tment Use Only - No	ot to be c	completed by Installer		
	sted: 3/9/16 Definition of the property of the price of t	and attached to casing t least 18" below grad of well cap/casing ad properly and casing ed adequately at hous	e at least ag secure le/attache g 8" abov se connec	36" below grade ly ed to cap properly ye finished grade		



Bureau of Environmental Health

8930 Stanford Blvd., 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
Twitter: HowardCoHealthDep

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

INTERIM CERTIFICATE OF POTABILITY

Expiration Date - OCTOBER 8, 2016

April 8, 2016

Homeowner 18317 Chelsea Knolls Drive Mr. Airy, MD 21771

RE:

Chelsea Knolls, Lot 3

18317 Chelsea Knolls Drive Building Permit: B15002688 Well Permit: HO-95-2098

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 3/29/2016. Final approval of the well line connection to the dwelling was granted on 3/9/2016. The well construction was completed on 8/30/2011. Water samples were collected on 3/30/2016.

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. 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-95-2098. 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 Maryland certified water 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 "<u>Homeowner Fact Sheet</u>" which illustrates a better understanding for your Best Available Technology (BAT). You will also find a link to Maryland Department of the Environments website which describes in further detail operation and maintenance of your BAT.

Approving Authority,

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