SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
1 2 3 6 (THIS NUMBER IS TO BE PUNCHED	WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE	COUNTY
IN COLS. 3-6 ON ALL CARDS)  ST/CO USE ONLY DATE Received MM DD YY 8 13 15		PERMIT NO. FROM "PERMIT TO DRILL WELL"
OWNER Keeny DEVIN WELL SITE ADDRESS 14041	Have Red first name TOWN DON'S SECTION	4770 N LOT 3
WELL LOG  Not required for driven wells	GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box)	C 3
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING	TYPE OF GROUTING MATERIAL (Circle one)	HOURS PUMPED (nearest hour)
DESCRIPTION (Use additional sheets if needed) FROM TO bearing	45 46	PUMPING RATE (gal. per min.)
Top Soil 0 2	GALLONS OF WATER	METHOD USED TO MEASURE PUMPING RATE
Brown Shale 2 10	from ft. to ft ft	WATER LEVEL (distance from land surface)
Brown Mica 10 48	casing types types	BEFORE PUMPING 17 20 ft.
sand stone 48 65	insert appropriate code STEEL CONCRETE	WHEN PUMPING  22  25  ft.  TYPE OF PUMP USED (for test)
(-ray Mica 65 70	DEIOW PLASTIC OTHER  MAIN Nominal diameter Total depth	A air P piston T turbine
Gray Mica 65 70 Brown Mica 72	CASING top (main) casing of main casing (nearest foot)	C centrifugal R rotary O other (describe below)
Gray Mica 12	60 61 63 64 66 70	J jet S submersible
Brown Mica 80 81	E OTHER CASING (if used) A diameter depth (feet) C inch from to	PUMP INSTALLED SOPP
Gray Mica 81 90 L	A	DRILLER INSTALLED PUMP YES NO (CIRCLE) (YES or NO)
Brown Mic. 9/200	SCREEN RECORD	IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.  TYPE OF PUMP INSTALLED
6-10/ 6 ray M. 4 206 220	screen type or open hole ST BR HO	PLACE (A,C,J,P,R,S,T,O) IN BOX 29.
Fray Mica 220 600	appropriate code below BRONZE HOLE PL O T	CAPACITY: GALLONS PER MINUTE (to nearest gallon)  31  3
BONES OF ASSESSED TO THE TENTON	PLASTIC OTHER	PUMP HORSE POWER  37  4
NUMBER OF UNSUCCESSFUL WELLS:	DEPTH (nearest ft.)	PUMP COLUMN LENGTH (nearest ft.)  CASING HEIGHT (circle appropriate box
WELL HYDROFRACTURED YES NO	E 1 8 9 11 15 17 21	CASING HEIGHT (circle appropriate box and enter casing height)  LAND SURFACE
CIRCLE APPROPRIATE LETTER  A WELL WAS ABANDONED AND SEALED  A WELL WAS COMPLETED	H <sup>2</sup> 23 24 26 30 32 36 S C 3	below (neares foot)
WHEN THIS WELL WAS COMPLETED  E ELECTRIC LOG OBTAINED  TEST WELL CONVERTED TO PRODUCTION	R 38 39 41 45 47 51	LATITUDE 3 9. 240 189
HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED	IN N DIAMETER (NEAREST	(DEFAULT COORD. WGS 84)
ACCORDANCE WITH COMAN 26.00 WILL CONDITIONS STATED IN THE ABO CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENT HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF KNOWLEDGE.	ED OF SCHEEN 60	Pursuant to \$10-624 of the State Govt. Article of
DRILLERS LIC. NO.1 M WD 040	GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL	this form is used in processing this form pursuant to COMAR 26.04.04. Failure to provide the info.
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)	INSERT F IN BOX 68 68	have the right to inspect, amend, or correct this form. The Maryland Department of the Environment is subject to the Maryland Public
LIC. NO.1 75 D 038	(NOT TO BE FILLED IN BY DRILLER)  T (E.R.O.S.) W Q	Information Act. This form may be made
SITE SUPERVISOR (sign. of driller or journeyman	70 72 74 75 76 TELESCOPE LOG OTHER DATA	subject to inspection or copying, in whole or in part, by the pulic and other governmental agencies, if not protected by federal or state law.
responsible for sitework if different from permittee)	TELESCOPE INDICATOR OTHER DATA  COUNTY	

EMERGENCY/TEMP NO. IF ANY

		* .			. ;
	Page	of		Revie	W O REALLY
	Date	7-27-19 8			calazion 9
		1/	FIELD DATA S ROGEOLOGIC AREA (3)	HEET WELL YIELD TEST	64/25(20)
		HID	KOGEOLOGIC AIGH (U)	Flection Distric	t .a
	Maryland 1	Well Permit No.	40-18-0075	Election Distric	
	Location	of Property (road	14041 HOWAY	D COTO	Sec.
	Subdivisi	on HARMAN	Lot 3	Block Plat	
	Wall Dril	Ier FACION day	.Ow:	ner Devin Reeny	
	. 1	Depth of Well	600 ISSPM	ove ground 2 47	
	. ]	Distance of Measu	ring Point (M.F.) about M.P. (S.W.L.) below M.P.	· 13	
	T. HIGH I	rate rumpanta	7/30	Pumping rate 20	apm.
ja -*	Tur	tal time 15 to	o reach pumping water	Pumping rate 20 r level 60 ft. b	elow M.P.
4	TT. Recove	ery pump test data	a - observations to	be recorded every 15	minutes.
	1	-J [ - 1	PUMPING RATE	·	
		WATER LEVEL	Time to fill	FLOW METER READING	(gallons per min.)
	TIME	Below M.P.	_/ gal. bucket	(if used)	(garrons ber mru.)
	7145	60	5 5ec		12 Cpm
		(-1)	5 sec		12 6pm
	8:00	6 D	5 sec		12 GPM
	6120	10	5 sec		126 pm
	81.30	60	5 5ec		12 G PM
	8:43	00	5. 4ec		12 Gpm
	9:00	60			12 Gpm
	9.15	60	5 500		12 G-pm
	9130	60	5 500		17 GAM
	7/45	60	5 Sec		12. G-pm
•	10:00	60	3 366		17 GPM
1	10:19	60	5 500		17 Gam
<b>*</b>	10:30	60	5 3ec		
					-
		•	I James		

-

### 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.

o /
Company Name: Michael Runk Plumbing Telephone #: 410-781-6791  Address: 10, Box 1453  54kesy; 11c, MD. 21784
(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer License # and name of individual responsible for the field installation:  Name (Print): M. chael Kunk License# 9698  *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: Devin Keeny Telephone #: 443-677-4886 Subdivision:  Lot #: 3 Well Tag #: HO - 18 - 0095  Site Address: 19041 Howard Rd.
Submersible Pump Data  Make: 604 65  Model #: 10 65 16  Pump Capacity 10  GPM  Model #: 12 GPM  Model #: 12 GPM  Model #: 13 GPM  Model #: 16 GPM  Model #: 17 GPM  Model #: 18 GPM  Model #: 26 GPM  Cap secured to casing: 26 GPM  Conduit min 18" B.G.: 27 GPM  Conduit min 18" B.G.: 27 GPM  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 Type: Poly PSI: 206 (160 psi min) Depth of supply line: 48' (36" min)  House Connection PVC sleeve to undisturbed soil at wall penetration: Length of sleeve(5' minimum from foundation): 1011 Sleeve sealed properly:
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 <u>cannot</u> be accomplished, contact this office for approval prior to installation.
Signature of company representative responsible for installation date
For Health Department Use Only - Not to be completed by Installer
Date Insp. Requested: 2 4 20 Date Insp. Approved: 2 4 20 Inspector: RR Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade  Two piece cap installed and attached to casing securely  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 adapter



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

## **INTERIM CERTIFICATE OF POTABILITY**

Expiration Date – April 23, 2020

April 23, 2020

Homeowner 14041 Howard Road Datyon, MD 21036

**RE:** Harman Property, Lot 3

14041 Howard Road

Building Permit: B19002518 Well Permit: HO-18-0095

### 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 10/31/2020. Final approval of the well line connection to the dwelling was granted on 2/4/2020. The well construction was completed on 7/12/2019. Water samples were collected on 4/15/2020.

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-18-0095. 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: <a href="http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf">http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf</a>

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



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

In closing, please refer to our "Homeowner Fact Sheet" which illustrates a better understanding for your Onsite Sewage Disposal System. You will also find a link to Maryland Department of the Environments website which describes in further detail operation and maintenance of your septic system.

Approving Authority,

Kevin M. Wolf, LEHS, R.S./REHS, Supervisor

- R. Vall

Groundwater Management Section

Well & Septic Program

cc: Howard County Dept. of Inspections, Licenses, and Permits

Community Hygiene Program

File

## 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 #:

136783

Account #:

Reference:

Bill Becker

Company:

W.R. Becker LLC

Location:

14041 Howard Road

Requested By: Bill Becker

Dayton, MD 21036 Date/Time Collected: 4/15/2020

1045

Source: Site:

Well Water Pressure Tank

Date/Time Rec'd:

1314

Treatment:

Prior to Sediment Filter

Chlorine ppm:

4/15/2020

Total: ND

pH:

Free: ND

Well #:

6.6

Collected By:

J. Yeager

0819ЈҮ

HO-18-0095

7559

	RESTRACT	EUNITS RE	REPRESENTE	NEW COLUMN	Andanyork V. V. V. Far
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	4/16/2020 / 0815 / RER
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	4/16/2020 / 0815 / RER
Nitrate	<b>/ 4.98</b>	mg/L	10	601	4/16/2020 / 1450 / CRS
Turbidity	/ 1.48	NTU	<10	SM20 2130B	4/16/2020 / 1000 / CRS
Sand	/ NS	mg/L	5	Visual/Gravimetric	4/16/2020 / 1000 / 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
- Visual well check: Sealed, vented cap 7
- pH & Chlorine level tested on site

Reason for Test:

Use & Occupancy

Building Permit #:

B19002518

Date Reported:

4/16/2020



3525 H Ellicott Mills Drive, Ellicott City, MD 21043 (410) 313-2640 Fax (410) 313-2648 TDD (410) 313-2323 Toll Free 1-866-313-6300 website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

## TO ALL INTERESTED PARTIES

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

Ø	The well site has been staked by Surveyor (professional land surveyors)
	on 6-1-19 (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 6/10/03

Devin Reeny 14041 Howard Rd

## MARYLAND DEPARTMENT OF THE ENVIRONMENT, WATER MANAGEMENT ADMINISTRATION 1800 Washington Blvd., Baltimore, Maryland 21230 (410) 537-3784

WATER WELL	ABANDONMENT-	SEALING	REPORT FORM	Æ.

CIT	DMIT CODIES OF COMBLETED FORM TO.			
*	BMIT COPIES OF COMPLETED FORM TO:  COUNTY ENVIRONMENTAL AGENCY (contact MDE, WMA if address	ss needed)	>	
*	WELL OWNER MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRA	ss needed)	رعد	
•	The Control of the Co	The state of the s		
DA	TEWELLABANDONED: JULY 12, 2019 (mon	th/day/year)		
*	PERMIT NUMBER OF ABANDONED WELL (if any)			_ :
*	PERMIT NUMBER OF REPLACEMENT WELL:	HO-	18-00	195
<b>*</b> *	PERSON ABANDONING WELL: JERRY Miller WE	LL DRILLER'S LICENSE NU	MBER: AWO	060
*	OWNER'S NAME: Devin Keeny		MWD / MSD / MC	<u>iD</u>
*	WELL LOCATION: COUNTY: NEAREST TOWN: TAX MAP BLOCK PARCEL SUBDIVISION: HAR MAN SECTION: STREET ADDRESS: 14041 Howard CD	Howar	ATION MAP	4
	LATITUDE 39.24 P 183	Bronzented		
	LONGITUDE 7 7 . 6 0 1 2 2 2	LOG OF SEAL	ING MATERIAL	
		MATERIAL	FEF	ET
			FROM	ТО
*	TYPE OF WELL BEING ABANDONED:  DRILLED JETTED  BORED HAND DUG  OTHER (specify)	Berronite	140	0
*	USE CODE: DOMESTICMUNICIPAL/PUBLICIRRIGATIONINDUSTRIALTEST/OBSERVATIONGEØTHERMAL			:
		VOLUME OF 1	MATERIAL USED	
*	TYPE OF CASING:  STEEL PLASTIC  CONCRETE OTHER (specify)	600 # mixed A	s Slurry	
DE	CONCRETEOTHER (specify)  ZE OF CASING: INCHES IN DIAMETER  PTH OF WELL: IGO FEET DEEP  AS ANY CASING REMOVED? YES NO  If yes, length removed, in feet: YES NO	Pursuant to § 10-624 of Maryland Code, persona is used in processing this 26.04.04. Failure to provide this form not being processing the form of the Environment of the Environment of the Environment of the Environment of the Information of the Information of the Information of the Public and other protected by federal or the Information of the Informat	al info requested on a s form pursuant to C ride the info may resessed. You have the ct this form. The Ma onment is subject to ation Act. This form termet via MDE's wor copying, in whole governmental agence	this form OMAR ult in right to ryland the may be ebsite and or in part,
1	Serge 7 Euterland 040 NATURE MASTER WELL DRILLER OR SUPERVISING SANITARIAN LICENSE#	MWD MSD / MCIRCLE ONE	410001	TE &

## Wolf, Kevin

From: Wolf, Kevin

**Sent:** Wednesday, June 19, 2019 11:00 AM

**To:** Sara Easterday

Cc: SHARON KEENY; devin.keeny@gmail.com

**Subject:** RE: 14041 HOWARD ROAD

### Sara,

I can make the additions to the green well permit application for this one to help expedite the process but I will need a revised well site plan. And I apologize for the delayed response. Our "playing catch-up" days should be coming to a close soon hopefully.

Kevin

From: Sara Easterday <saraeasterday@verizon.net>

**Sent:** Wednesday, June 19, 2019 10:50 AM **To:** Wolf, Kevin <KWolf@howardcountymd.gov>

Cc: SHARON KEENY <sharon.keeny@Inf.com>; devin.keeny@gmail.com

Subject: Re: 14041 HOWARD ROAD

[Note: This email originated from outside of the organ of son. Please unity click on links or attachments if you know the sender.]

Thanks Kevin,

Wish you had let me know sooner.

Sara

Devin & Sharon,

Please see below.

Sara V Easterday Administrative Assistant L. Franklin Easterday, Inc. 9265 Brown Church Road Mt. Airy, Md. 21771 301-829-1640 301-829-2667-fax

Saraeasterday@verizon.net

On Wednesday, June 19, 2019, 10:27:38 AM EDT, Wolf, Kevin KWolf@howardcountymd.gov> wrote:

Sara.

The site plan you submitted with the well permit application is not to scale. In all actuality, I can't determine anything from it (looks as though it has been printed and copied numerous times and nothing is legible). You will need to get an appropriate well site plan from the engineer to accompany the well permit application. This plan must be to scale and must match the approved percolation certification plan if one has been generated. We have been lenient on this in the past but now we are pulling too far away from the policy. https://www.howardcountymd.gov/LinkClick.aspx?fileticket=4M3PrfBZnYs%3d&tabid=1399&portalid=0

Also, I know this has come up in the past, but please be reminded that all information needs to be complete on the well permit application. This includes (but not limited to):

- the tax map/block/parcel info,
- Location of well information
- Proposed location of well on lot with not less than two distances to well

MDE is reviewing all well applications, completion reports, abandonment reports as we send them in. If we send back a well permit application because something is either missing or not complete, it is because MDE <u>WILL</u> return this to us as incorrect and will need to be fixed. Let me know if you have any questions on this.

Kevin

From: Sara Easterday < saraeasterday@verizon.net >

Sent: Wednesday, June 19, 2019 8:22 AM

To: Wolf, Kevin <KWolf@howardcountymd.gov>; Martin, Sharhonda <smmartin@howardcountymd.gov>

Subject: 14041 HOWARD ROAD

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Good morning,

Do you have an update on the status of the permit for 14041 HOWARD ROAD for Devin Keeny?

Thanks,

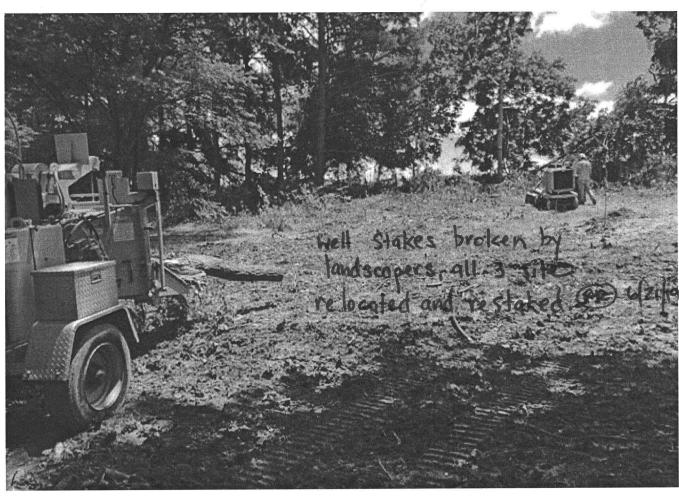
Sara

Sara V Easterday Administrative Assistant L. Franklin Easterday, Inc.

9265 Brown Church Road Mt. Airy, Md. 21771 301-829-1640 301-829-2667-fax

Saraeasterday@verizon.net

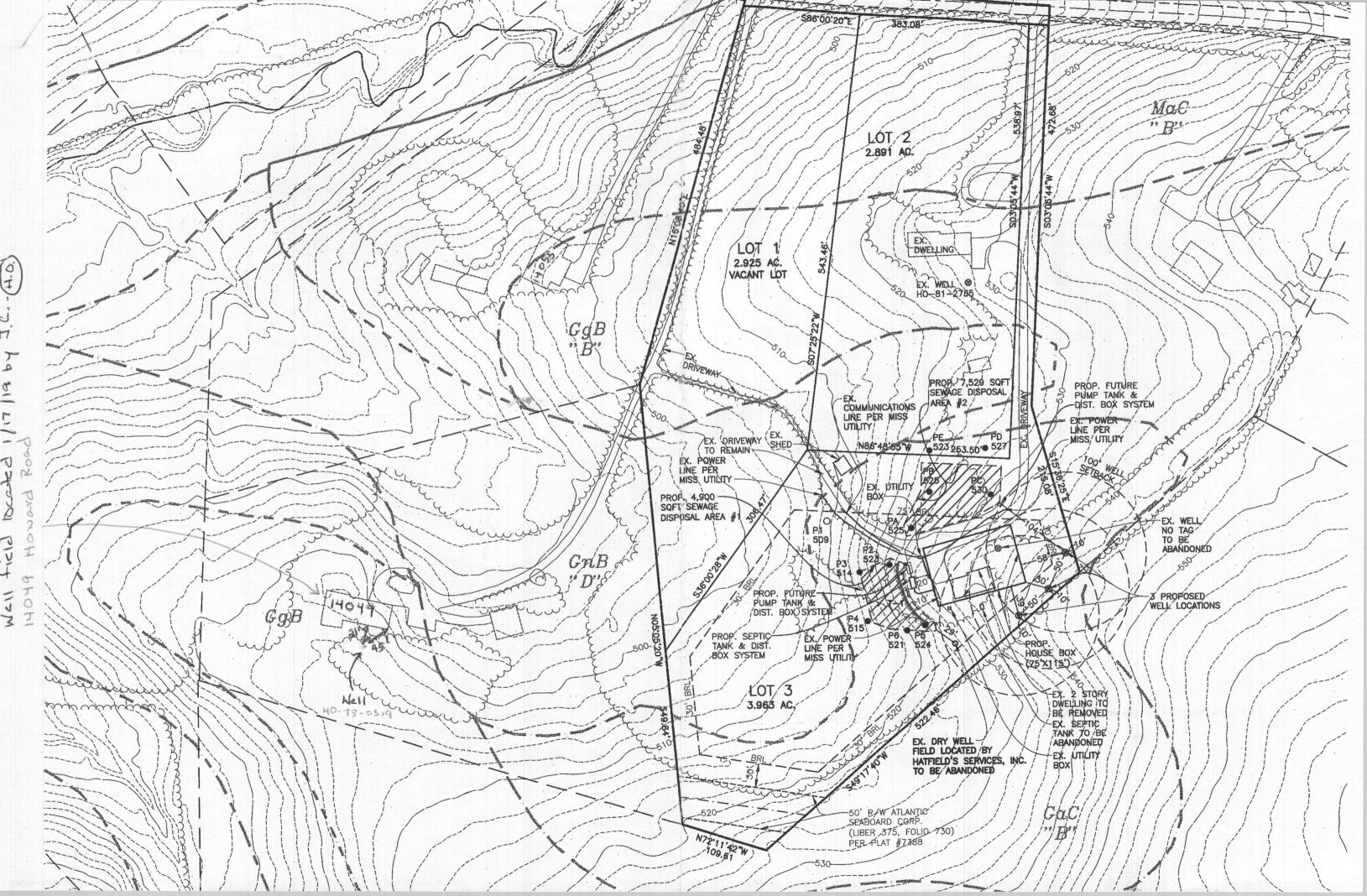




ENGINEERING, INC.
8480 Baltimore National Pike • Suite 315 • Ellicott City, Maryland 21043

## LETTER OF TRANSMITTAL

410-465-61	105 /10	ACE CCAA (Fax)		
410-403-0	105 410	-465-6644 (Fax)	DATE 1/15/19	PROJECT No. 2914
			ATTENTION HANK OS	WALD
	_		RE: 14041 HOWA	20 PD.
TO: HOWAR	D COUNTY		PERC CERT	
HEALTH	DEPT.			
				,
WE ARE SEND	*		der separate cover via	the following items
	] Photocopies	Prints	☐ Originals ☐ S	Samples
	] Specifications	☐ Invoices	☐ Change Order ☐ C	Other
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COPIES of	No. of SHEETS		DESCRIPTION	
3	1	PERC CERT	-	
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	22			
THESE ARE TH	RANSMITTED	as checked below		
	For Comment	☐ For your use		200 E
	For Review	☐ As requested	☐ Other	
3				8 9
REMARKS:				
COPY TO:	Ale	n	MINE MANCH	
RECEIVED BY:		s noted, kindly notify us at once.	SIGNED: /	



May gran.



P.34474-H

REPAIR

SEWAGE DISPOSAL SYSTEM

## MARYLAND STATE DEPARTMENT OF HEALTH'

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

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INDEXED

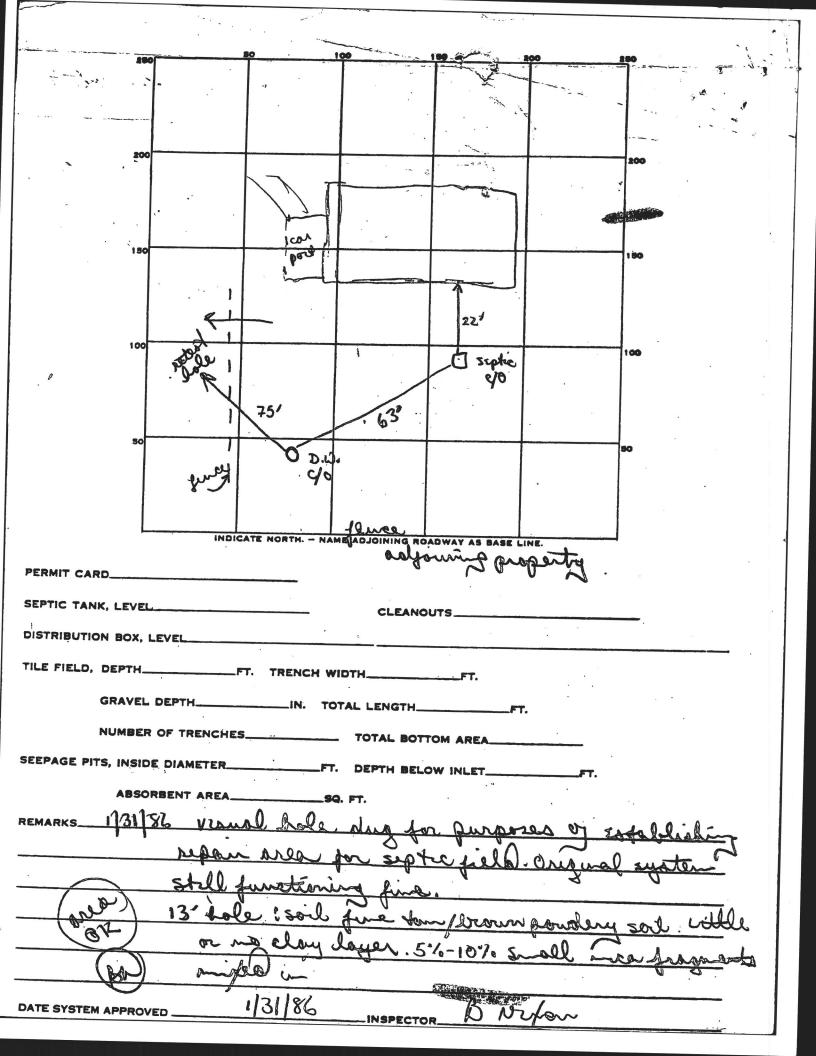
ELLICOTT CITY

DISTRICT\_5th

DATE 1/29/86

ল্লাল্ড ক্লান্ত নিয়াৰ ক্ৰিন্ত ক্ৰিন্ত ক্ৰিন্ত ক্ৰিন্ত ক্ৰিন্ত ক্ৰিন্ত ক্ৰিন্ত ক্ৰিন্ত কৰিছে ক্ৰিন্ত কৰিছে কৰি

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DIVISION	ROAD .	14045 Howard Road	LOT	
	Lowell K. Ha	rman	<u> </u>	
PERTY OWNER	Stoney Lane			
ORESS	14045 Howard		<del></del>	
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EITHER THE HOWARD COUNT	Y COUNCIL NOR THE HEALTH DEPARTMENT I	S RESPONSIBLE FOR THE SUCCESSION	ALER SELECTION OF THE PER	ANGE
OTE: IF TRENCH IS USED C	ALL FOR INSPECTION BEFORE AND AFTER PL	ACING GRAVEL IN TRENCH.		
OTE: NO DRY WELL SHALL	EXCEED 15 FOOT IN DIAMETER. NO ABSORP	TION TRENCH TO EXCEED 100 FEET IN	LENGTH.	gap grantiga sea e e sa kilong kan innsula iten t
OTE: ALL PIPE FROM HOUS	SE TO SEPTIC TANK MUST BE CAST IRON OR	SCHEDULE 40 PVC OR ABS.		and the second property and the second second
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EKMII VOID AFTER THREE TO	ON SEPTIC TANK AND DRY WELL. STAND PIPE	S MUST BE 6 INCHES IN DIAMETER. C	AST IRON, CONCRETI	OR TERRA COTTA, OR
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## PERMIT

WAGE DISPOSAL SYSTEM

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oud TOTMARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

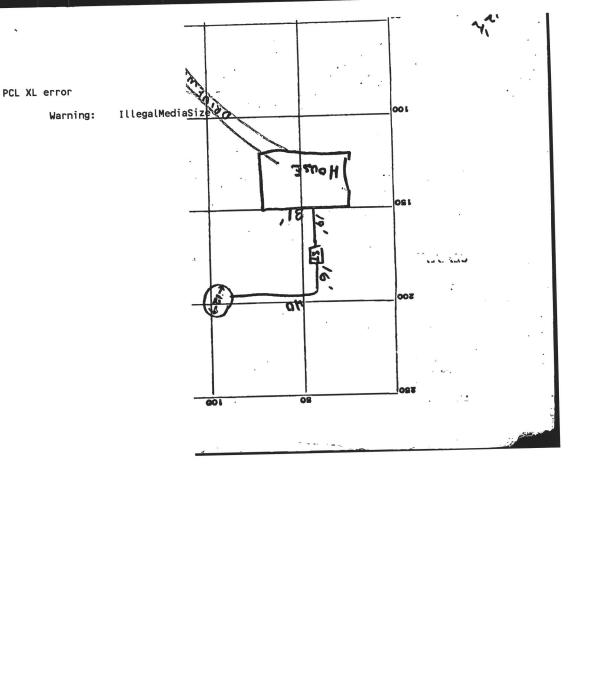
ELLICOTT CITY
DISTRICT 5

DATE 5/18/72

# INDEXED

	1110		***	
Lowell Harman	·	IS PERMITTED TO	NSTALL X ALTER	
		PHONE	725-2474	
ADDRESS 12916 Clarton Dri	ve, Laurel, Md.	PHONE		•
v 4.5.				
A SEWAGE DISPOSAL-SYSTEM LOCA	ATED AT	•		
		IN IUAU	/	
Harris	halicision	Howard Rd. (se	e appli. LOT	5
SUBDIVISION Marman Ju	WW(VIDIUI-ROA	for better dir	ections	a 3 *
SOURCE SOURCE	John John	+ Elyse F	arsons	
PROPERTY OWNER		J	• •	
ADDRESS	<u>:::</u>			
- 3 hedrooms	ot on the state of			×
SPECIFICATIONS - 3 bedrooms			· : · · ·	
DRAIN FIELD	_ DEPTHFEET, BO	TTOM AREA	SQ. FT.	
		S ADEA S	). FT.	
	ABSORBENT SIDE-WA			
s	EPTIC TANK CAPACITY	1,000 GALLONS		•
•		5. 4 ° ° 1. 4		W 14
FOR GARBAGE G	RINDER, INCREASE DISPOS	SAL AREA 22% & TANK	CAPACITICOM	
OTHER Dry well - 300	sg. ft. below the in	let pipe of absorb	ent sidewall area	11
			I rear corner	- Crom-
Maximum depth of dry well	11 ft. Location and			π.7
dere too lime as seen fro	m facing lot standing	on Howard Road.		
NOTE: ALL PIPE FROM HOUS	E TO SEPTIC TANK MUST	BE CAST IRON.		
THE PARTY OF THE P	EARS. ON SEPTIC TANK AND I		· · · · · · · · · · · · · · · · · · ·	<del></del>
NOTE: INSTALL STAND PIPE	ON SEETLE INC.			
PLANS APPROVED BY	es T. Wright ,	DATE11/13/6	98	
PLANS APPROVED D.	1, 2544-man		N INSPECTION, COVER	NO WORK
FILL SEPTIC TANK AND DISTRIBU	JTION BOX WITH WATER B	EFORE CALLING FOR A	IN INDI MOTION OF THE	
UNTIL INSPECTED AND APPROVE	D.			
:			TO DECRONSIBLE	FOR THE

NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.



## APPLICATION

17405

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

**ELLICOTT CITY** 

DISTRICT\_5th

9/5/72

See permit to M

TO: THE COUNTY HEALTH OFFICER ELLICOTT CITY, MARYLAND I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM. Lowell Harman PROPERTY OWNER\_ ADDRESS 12916 Claxton Drive, Laurel, Md. PROPERTY LOCATION: SUBDIVISION\_ Howard Road- West on Rt. 32. North on Ten Oaks Rd., West on Howard Road out of Dayton. Property about 1 mile down Howard Rd. on left. OCCUPANT\_\_\_ PERSON TO CONSTRUCT SYSTEM. ADDRESS. SIZE OF LOT 5.000 acres IF NOT SINGLE RESIDENCE DESCRIBE. SIGNATURE OF APPLICANT /s/ Alyce W. Harman IKIND OF SYSTEM HOLD PENDING FURTHER TESTS\_ REASONS FOR REJECTION OR HOLDING\_

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SOIL AUGER FINDING			
TESTED BY R. Tone.			
TESTED BY	,*		
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# APPLICATION

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INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE L

DATE	TEST NO.	DEPTH	PRE- START	WET STOP	TEST - START	" DROP STOP	TIME	
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MARYLAND STATE DEPARTMENT OF HEALTH

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HOWARD COUNTY

ELLICOTT CITY

DISTRICT\_

DATE 4/14/7

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TO: THE COUNTY HEALTH OFFICER ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Lowell K. Harman

982-2189 - office

ADDRESS 12916 Claxton Dr., Laurel, Md.

PROPERTY LOCATION:

LOT NO. SUBDIVISION\_

Howard Road (see original application)

PERSON TO CONSTRUCT SYSTEM

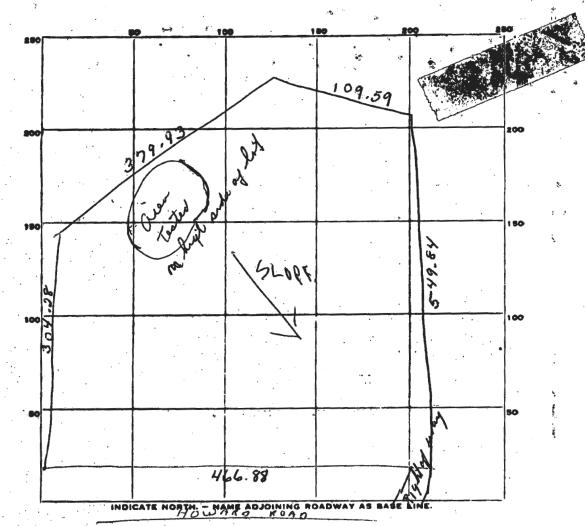
SIZE OF LOT 5.00 acres

IF NOT SINGLE RESIDENCE DESCRIBE.

SIGNATURE OF APPLICANT /s/ Lowell K. Harman

HOLD PENDING FURTHER TESTS

4/21/71



DATE	TEST NO.	DEPTH	START	STOP	TEST -	1" DROP STOP	TIME
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	ЭA	10 d.	1028	1028	1028	10 34	60
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TESTED BY R. Tone

REMARKS No stakes proted to determine line of

Will have to receive plat from certified angineer

April 6, 1971

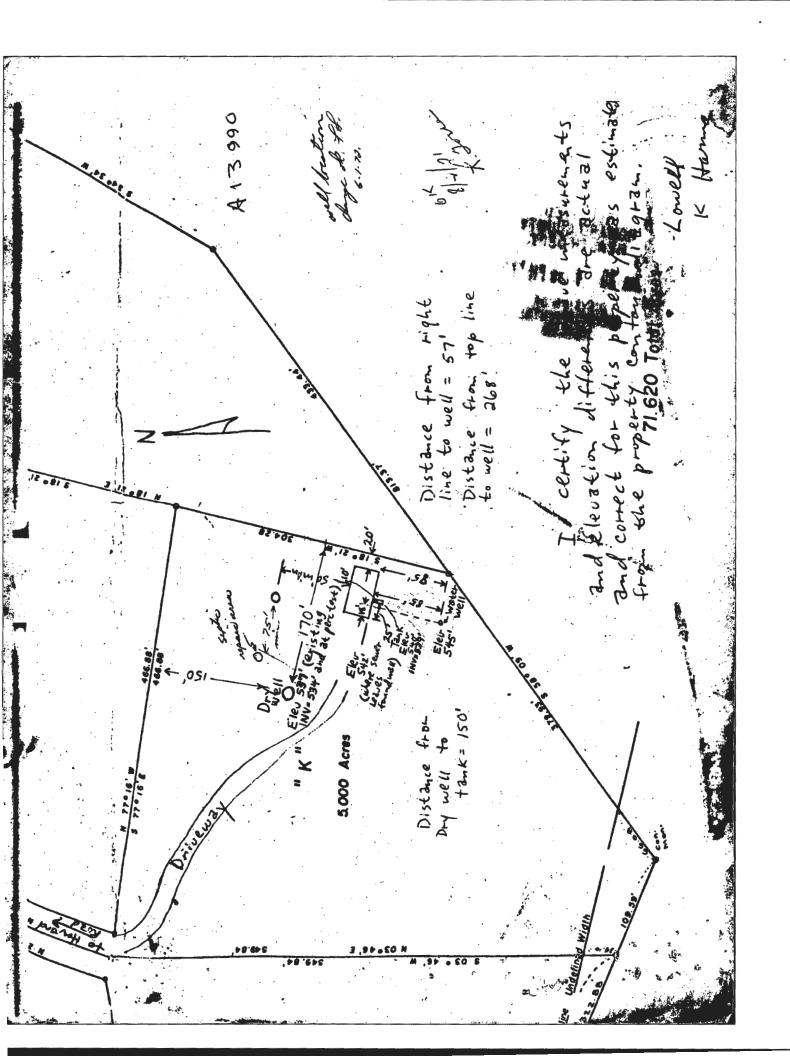
Howard County Health / Sanitation Dept P.O. Box 476 Ellicott City, Maryland 21043

Dear Sir:

Enclosed is a check for five dollars in application for a repercolation test on parcel K of the land owned by thompson et al, located on Howard Road in Howard County, North of Dayton, Md.

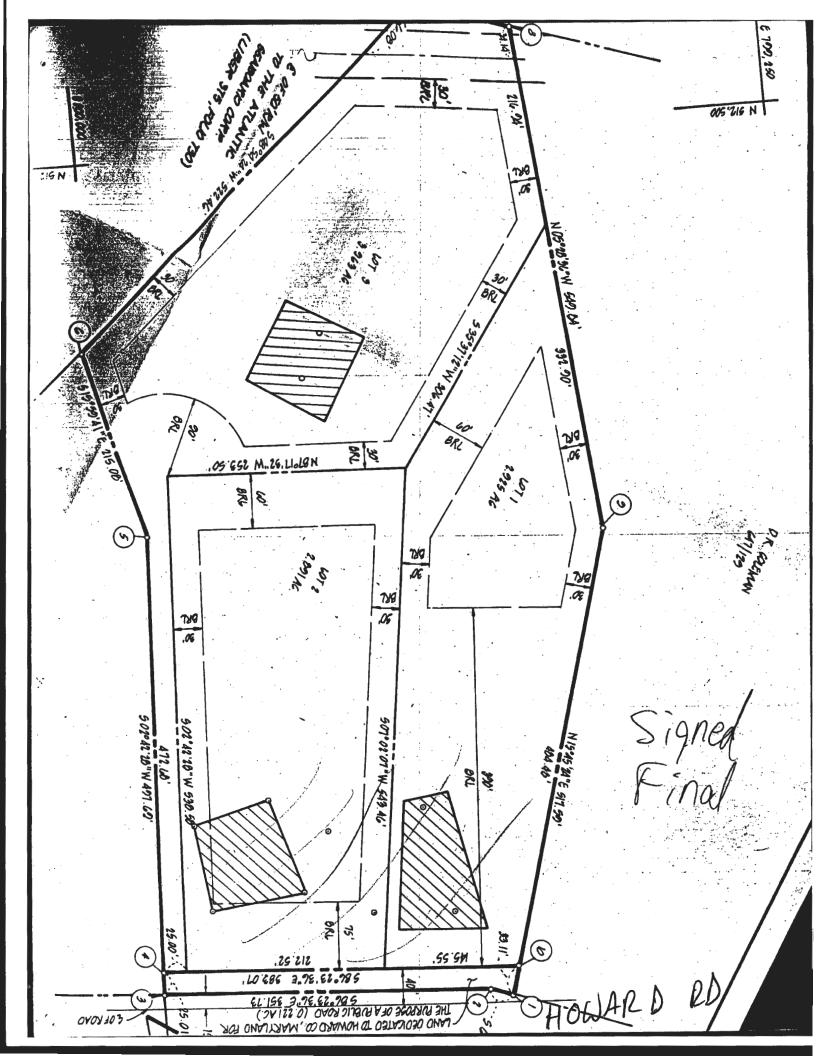
We understand from the Broker's agent, Mrs. Louise Adams, that a successful percolation test was performed on the land. The reason for this reperc test is to assure that the land will perc at the planned building site, which is slightly above the 540' contour line, near the Northest corner of the "K" parcel. The house will contain three bedrooms.

Sincerely yours,
Lowell K Harman
12916 Clarton Dr.
Lawrel, Md.
Ph: office 982-2489= 695
home 725-2474



	WR - W-4 9/71		<i>j</i>			<i></i>	
		SEQUENC (DWR USE			STATE OF MARIE		THIS REPORT MUST BE SUBMITTED WITH- IN 30 DAYS AFTER WELL COMPLETION
			10	STAT	DEPARTMENT OF WATER RIVER DE OFFICE BLDG., ANNAPOLIS, 2021	401	FILL IN THIS FORM COMPLETELY
	1 2 2 (SEQ. NO.) 6 (THIS NUMBER (S TO BE PUNC IN COLS: 3-6 ON ALL GARDS)	159 (J)			WELL COMPLETION REPORT.		COUNTY NUMBER
	DATE RECEIVED	0/	-/-	2	DEPTH OF WELL	PERI	MIT NO, FROM "PERMIT TO DRILL WELL"
		7/5	WELL C	OMPLETE			40-73-00/3
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	OWNER HALLMA	ME			LOWELL K	FIRST N	AME
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	WELLL	OG ··		WELLD	GROUTING RECORD YES NO	С 3	
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	DESCRIPTION	. F1	EET	CHECK IF	TYPE OF GROUTING MATERIAL (CIRCLE BOX)		PUMPING TEST
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			ļ.,		DEPTH OF GROUT SEAL (TO MEAREST FOOT)	METHOD (	PUMPING HATE 714E
٠. :	11.	60	150	X 1	DEPTH OF GROOT SEAL (10 MEARES) FOOT	WATER	LEVEL: (DISTANCE FROM LAND SURFACE)
,	Mica Rock	60			FROMFT. TOFT.    ### ### ### ### ### ### ### ### ###	BEFORE . PUMPING	30 MEAREST
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	ill, gyr is ac all ride		* 2 .		INSERT CO	TYPE O	F PUMPED USED (CIRCLE APPROPRIATE BOX)
		. '	. ; .		COOE STEEL CONCRETE	(FOR PUN	PING TEST)
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7		-			MAIN NOMINAL DIAMETER TOTAL DEPTH CASING TOP (MAIN) CASING OF MAIN CASING TYPE (NEAREST INCH) (NEAREST FOOT)	27	T S SUBMERSIBLE
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	I HEREBY CERTIFY THAT I H. CONDITIONS STATED ON THE AB	AVE COM	PÈIEO WI	TH ALL	DIAMETER OF SCREEN (HEAREST INCH) 56 50 TO		
•	TO DRILL WELL'', AND THAT	INFORMA CCURATE,	TION CON	MPLETE	GRAVEL PACK		
	TO THE BEST OF MY KNOWLI BELIEF.	EDGE, IN	FORMATI	ON AND	IF WELL DRILLED WAS A 68 F	1.	al FRONT
	DRILLERS NAME	11			OWR USE OHLY (NOT TO BE FILLED IN BY DRILLER)	1 . 1	iole
	PRINTSE HOWARD !	) (   (	OAL		(E.R.O.S.)	X ,	vell
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					LEADING INDICATOR AVAILABLE		

IN I I WAR OSE ONLY	MARYLAND
STATE OFFICE BLDG. ANN	
THE STANDARD IS TO BE PUNCHED APPLICATION FOR PE	RMIT TO DRILL WELL FILL IN THIS FORM COMPLETELY
OWNER L HARMA	V LOWELL K
STREET, INTEREST	HALUARD ROAD
OR RFD COL 36	HAWARD KOND COL 55
POST OFFICE COL 57	COL. 76
B 1 CONTINUED DRILLER INFORMATION	B 3 LOCATION OF WELL
DATE 7/12/72 LICENSE 209	COUNTY (DO NOT ABBREVIATE COUNTY NAME) 21
77 80	SUBDIVISION (23)
FIRST NAME DRILLER LAST NAME	SECTION 46 40 50
SIGNATURE Works of The Home	NEAREST TOWN 52
B 2 WELL INFORMATION	MILES FROM TOWN (ENTER O IF IN TOWN) 73 76 77 78
1 2 3 (SEQ. NO.) 6 MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 6	DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)
AVERAGE DAILY QUANTITY NEEDED (GALLONS PERDAY) 14 700	N NORTH E EAST NE NORTHEAST S E SOUTHEAST
USE FOR WATER (CIRCLE APPROPRIATE BOX)  D DOMESTIC, HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT DNLY)	S   SOUTH   W   WEST   N   W   NORTHWEST   S   W   SOUTHWEST   8 9
F FARMING, AGRICULTURE, IRRIGATION	NEAR WHAT HO WARD
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.	ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) N SE W W
M MUNICIPAL WATER SUPPLY	DISTANCE FROM ROAD (F.T) SENTER DISTANCE AND CIRCLE (1600)
P PRIVATE WATER COMPANY	APPROPRIATE BOX) 34 37 38 39 DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS ROADS AND
T TEST	STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X," THE WELL LOCATION IN THE BOX BELOW, AND THE BOX NUMBER FROM THE WELL LOCATION MAP.
APPROXIMATE DEPTH OF WELL 150	N .
APPROXIMATE DIAMETER OF WELL	80-
METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)	
BORED (OR AUGERED) JETTED DRIVEN  30-37 AIR-ROTARY (HYDRAULIC ROTARY)	
CABLE REVERSE ROTARY DRIVE - POINT	l with y
OTHER (DESCRIBE)  REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX)	3
N THIS WELL WILL NOT REPLACE AN EXISTING WELL	3
THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED	HOMARO RO
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY	will be a second of the second
D THIS WELL WILL <u>DEEPEN</u> AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE)	**
41 52	
NOT TO BE FILLED IN BY DRILLER (DWR USE ONLY)  APPROPRIATION ENGINEER REVIEW	
PERMIT NUMBER 54 65 OISTRICT NO. 65 A E N S G W Q C, L U	BOX E 790
FORCE   WRITELS   CONDITIONS	NUMBER N .5/0 0/5 15/5
B 4 CONTINUED HEALTH DEPARTMENT APPROVAL  1 2 3 (SEO, NO.) 6 HOUSEAR'S 2951	NORTH ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (
41 S CIRCLE BOX COUNTY NAME COUNTY NO.	EAST CORDINATE SO ST 52 53 54 55 OEL MIN SEC
OATE 92776 APPROVED BY WARREN	ELEVATION AT WELL HEAD (FEET)
	65 66 67 68 0/0 5/0
1 2 3 (SEQ. NO.) 6	E ONLY)



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THOUSE SOUTH AND TO SOUTH SOUTH (E)

TO SHOW THE COMMENT OF THE SOUTH SOUTH (E)

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APPROVAL DATE	ON-SITE SEWA	ptic Repair GE DISPOSAL SYST TY HEALTH DEPARTM IVIRONMENTAL HEAL	ENT
131	G Fooles	IS PERMITTED TO	INSTALL   ALTER
ADDRESS: SUBDIVISION:	Obrecht Road Sykesville, M	D 21784 PHONE NUMBI	410-715-5670 IR:
ADDRESS: 140	55 Howard Road	PROPERTY OWN	ER: Sean and Johanna McGuire
	PACITY (GALLONS): CAPACITY (GALLONS):	N/A_	# If place to
NUMBER OF BED SQUARE FEET OF	, ,	Bening	supportent dank news
W.W	TRENCH REQUIRED:	140 TE	ex. well.
TRENCHES:		et e a' below gr	-de
LOCATION:	-	hon ~ 45° off cu	
PURPOSE:	20 × 1.100	Calena Dec	State Silver and a second

P 536012

menhale now needs

DATE: JOIN III

PLANS APPROVED:

NOTE: PERMIT VOID AFTER 2 YEARS NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

K. Wolf

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

PUB. SEWER STATUS VERIFIED BY

ISSUE DATE:

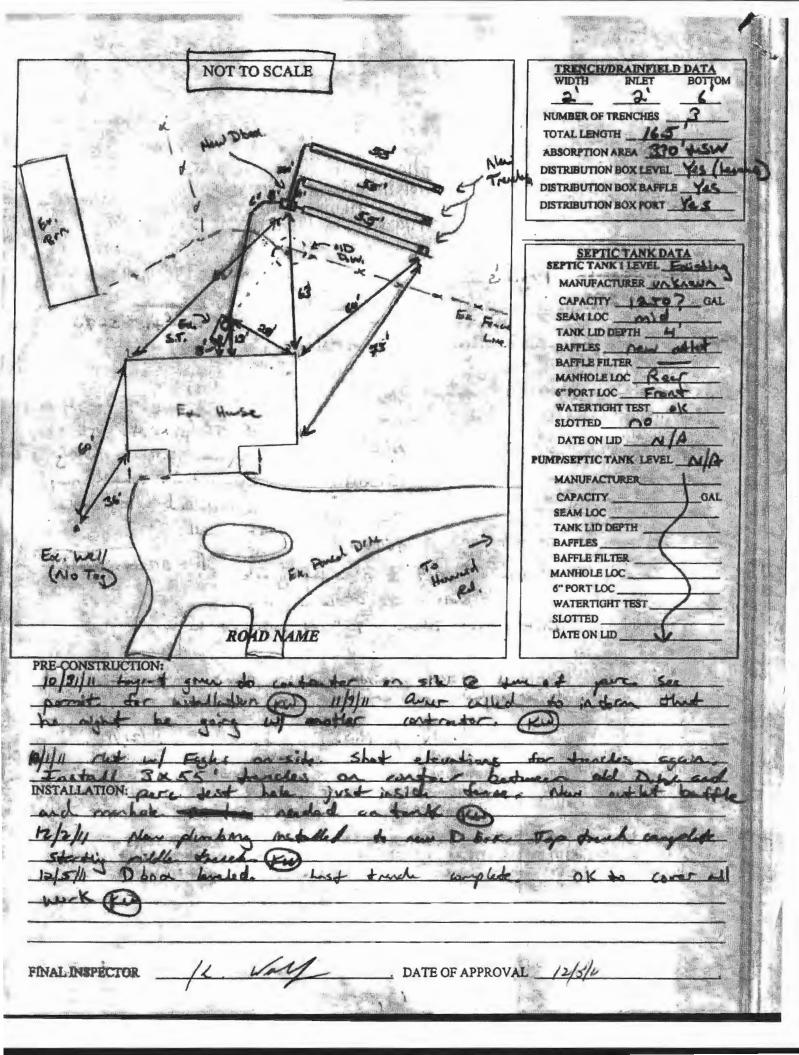
NOTE: ALL PARTS OF SEPTIC SYSTMEM SHALL, BE 100 FEET FROM ANY WATER WELL. NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM

existing

D.W.

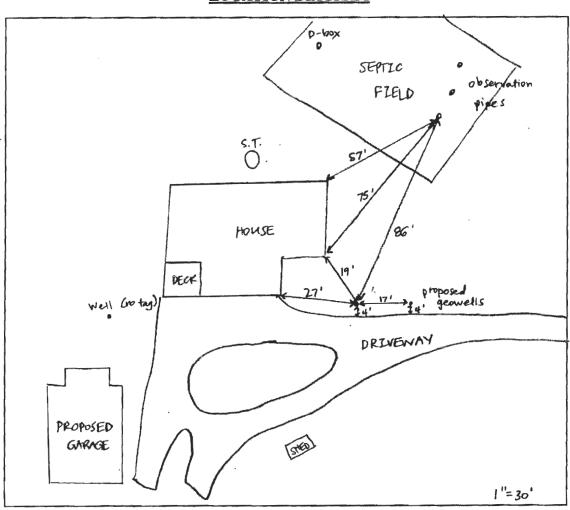
5. 7.



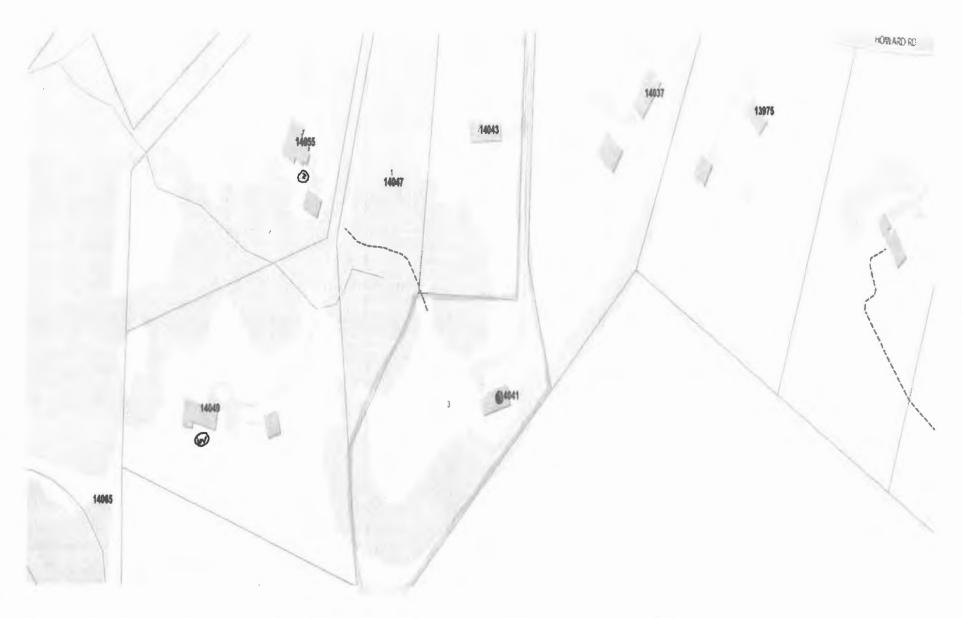
## SITE INSPECTION SHEET

OWNER: Gerherd + Mary Vienna	_ PHONE #:
ADDRESS: 14055 Howard Rd.	CONTRACTOR: Allied Environmental Services
Dayton, MD 21036	WELL TAG #:
SUBDIVISION:LOT:	COUNTY #:
PROPOSAL: Install 2 geothermal wells	

## **LOCATION DIAGRAM**



COMMENTS: Site visit to confirm the proposed locations of two geothermal wells.	
Well sites staked by Allied. Locations meet 50' setback from septic field	
and 20' setback from house looked at septic repair from 2011- observation	<b>/</b> 54
pipes all in good condition, no depressions in the yard.	
DATE: 2/2/15 INSPECTOR: Sarah Collins	



https://data.howardcountymd.gov/InteractiveMap.html?Workspace=Health

