

C1 0316

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER AS 20 790

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 2/23/06

Depth of Well 500 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-95-0251

OWNER: Ryan Shafer, TOWN: My Arty, SECTION: 6/6/138, LOT: 1

WELL LOG

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries like Top Soil, Red slate, Shaley, etc.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD

MAIN CASING TYPE (ST), Nominal diameter, Total depth of main casing.

OTHER CASING (if used) diameter, depth (feet).

SCREEN RECORD

screen type or open hole (ST, BR, HO, PL, OT), DEPTH (nearest ft.)

PUMPING TEST

HOURS PUMPED (6), PUMPING RATE (1.5), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL, TYPE OF PUMP USED (S).

PUMP INSTALLED

DRILLER INSTALLED PUMP (YES), TYPE OF PUMP INSTALLED (S), CAPACITY: GALLONS PER MINUTE (31), PUMP HORSE POWER (37), PUMP COLUMN LENGTH (43), CASING HEIGHT (50).

LOCATION OF WELL ON LOT, SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS.

NUMBER OF UNSUCCESSFUL WELLS: 0, WELL HYDROFRACTURED (Y)

CIRCLE APPROPRIATE LETTER: A, E, P

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION"

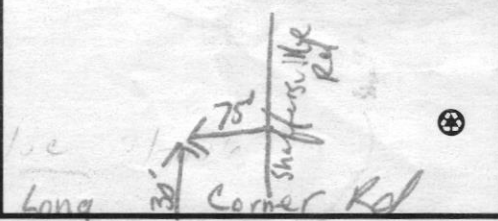
DRILLERS LIC. NO. 1 MWD 040, DRILLERS SIGNATURE: George F. Casaday

LIC. NO. 1 AWD 288

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T, W Q, TELESCOPE CASING, LOG INDICATOR, OTHER DATA



B 1 0099

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type

STATE PERMIT NUMBER HD-95-0251 fill in this form completely

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13

15 Last Name RIGLER Owner First Name TIMOTHY 34

36 879 LONG CORNER ROAD Street or RFD 55

57 MT. AIRY, MD 21771 Town 70 State 72 Zip 76

B 3

LOCATION OF WELL

8 COUNTY Howard 21 CC#

23 SUBDIVISION Rigler Property 42

SECTION 44 46 LOT 48 50

52 NEAREST TOWN Mount Airy 71

MILES FROM TOWN (enter 0 if in town) 73 76 77 78

DRILLER INFORMATION

Driller's Name George F. Easterday M W/D License No. 040 76

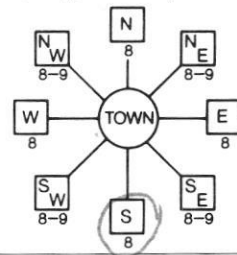
Firm Name L. Franklin Easterday, Inc.

Address 9265 Brown Church Rd., MT. Airy, Md. 21771

Signature George F. Easterday Date 1/25/2006

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



11 Shaffers Mill Road NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 150 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39

TAX MAP: 6 BLK: 6 PARCEL 138

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 8 5 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 500 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- [D] DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
[F] FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
[I] INDUSTRIAL, COMMERCIAL, DEWATERING
[P] PUBLIC WATER SUPPLY WELL
[T] TEST, OBSERVATION, MONITORING
[G] GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard AS20790 COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S

DATE ISSUED 2/10/06 CO SIGNATURE EXP. DATE 41

43 MM DD YY 48 NORTH GRID 550 000 EAST GRID 762 000 50 55 57 63

APPROXIMATE DEPTH OF WELL 24 300 28 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROTary DRive-POINT
other

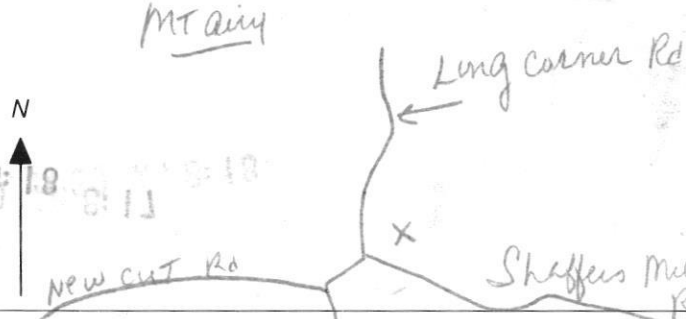
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER
1. wells
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 750 62 N 540 50

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 2 E 12



REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- [N] THIS WELL WILL NOT REPLACE AN EXISTING WELL
[Y] THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
[S] THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
[D] THIS WELL WILL DEEPEMED AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER G PERMIT No. HD-95-0251 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

2-23-06 8:00

**FIELD DATA SHEET**  
**HOWARD COUNTY WELL YIELD TEST**

Well Permit No. HO - 95-0251  
 Location of property (road) Shadesville Rd  
 Subdivision \_\_\_\_\_ Lot 1 Block 6 Plat 6 Sec. 138  
 Well Driller Kustrudays Owner Tim Rieger

Depth of well 500 19pm  
 Distance of measuring point (M.P.) above ground 2'  
 Static water level (S.W.L.) below M.P. 18.4

Pump set 380'

**I. High rate pumping -- reservoir drawdown**

Time pump started 8:15 Pumping rate 15 GPM  
 Total time 1hr 15m to reach pumping water level 317.4 ft. below M.P.

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

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
9:30	317'	45 sec	1 gal bucket	1.5 gpm
9:45	317'	45 "	"	1.5 "
10:00	317'	45 "	"	1.5 "
10:15	317'	45 "	"	1.5 "
10:30	317'	45 "	"	1.5 "
10:45	317'	45 "	"	1.5 "
11:00	317'	45 "	"	1.5 "
11:15	317'	45 "	"	1.5 "
11:30	317'	45 "	"	1.5 "
11:45	317'	45 "	"	1.5 "
12:00	317"	45 "	"	1.5 "
12:15	317"	45 "	"	1.5 "
12:30	317"	45 "	"	1.5 "
12:45	317"	45 "	"	1.5 "
1:00	317"	45 "	"	1.5 "
1:15	318"	45 "	"	1.5 "
1:30	318"	45 "	"	1.5 "
1:45	318"	45 "	"	1.5 "
2:00	318"	45 "	"	1.5 "
2:15	318"	45 "	"	1.5 "
2:30	318"	45 "	"	1.5 "
2:45	318"	45 "	"	1.5 "
3:00	318"	45 "	"	1.5 "
3:15	318"	45 "	"	1.5 "
3:30	318"	45 "	"	1.5 "



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STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER 9520790

ST/CO USE ONLY

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED BY MAR 27 2006

2/23/06

500 (TO NEAREST FOOT)

10-95-0251

OWNER: Ryan Shaferusville R. Jim first name TOWN: Mt Airy SECTION: 6/6/138 LOT: 1

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Includes entries like Top Soil, Red slate, Shaley, Grey mica, Brown mica, Grey mica, Olivish grey slate, Grey slate, Brown slate, Blue slate, Grey slate, Green slate w/ quartz, Grey slate, Green slate w/ quartz, Grey slate.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N). TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC). NO. OF BAGS 26 NO. OF POUNDS 1160. GALLONS OF WATER 156. DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 50 ft.

CASING RECORD

MAIN CASING TYPE: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER). Nominal diameter top (main) casing (nearest inch): 6. Total depth of main casing (nearest foot): 54.

OTHER CASING (if used)

Table with columns: EACH CASING, diameter inch, depth (feet) from, to.

SCREEN RECORD

screen type or open hole: ST (STEEL), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER). insert appropriate code below.

DEPTH (nearest ft.)

Table with columns: E, A, C, H, S, R, E, N. Includes entries for depth (52, 500) and slot size.

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED: YES (Y) NO (N)

- CIRCLE APPROPRIATE LETTER: A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED; E ELECTRIC LOG OBTAINED; P TEST WELL CONVERTED TO PRODUCTION WELL.

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. 1 MWD 040 George F. Eustaley DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 AWD 288

GRAVEL PACK IF WELL DRILLED 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

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

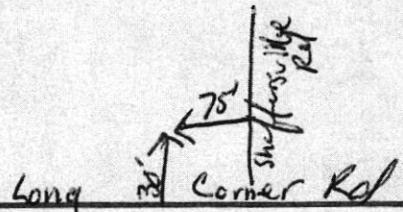
HOURS PUMPED (nearest hour) 6. PUMPING RATE (gal. per min.) 1.5. METHOD USED TO MEASURE PUMPING RATE Bucket. WATER LEVEL (distance from land surface) BEFORE PUMPING 18 ft. WHEN PUMPING 318 ft. TYPE OF PUMP USED (for test) S submersible.

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) YES (NO). IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35. PUMP HORSE POWER 37 41. PUMP COLUMN LENGTH (nearest ft.) 43 47. CASING HEIGHT (circle appropriate box and enter casing height) 49 above } LAND SURFACE below } (nearest foot) 50 51

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



B 1 0099

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HD-95-0251

523982 please type

fill in this form completely

Date Received (APA) MAR 07 2006

OWNER INFORMATION 10146

B 3 LOCATION OF WELL

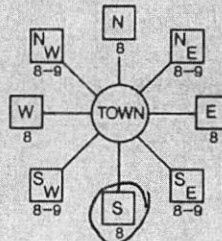
RIGLER TIMOTHY L. 879 LONG CORNER ROAD MT. AIRY, MD 21771

Howard COUNTY Rigler Property Mount Airy

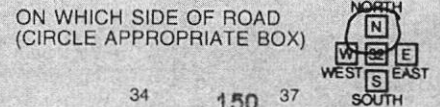
DRILLER INFORMATION

George F. Easterday MWD 040 L. Franklin Easterday, Inc. 9265 Brown Church Rd., MT. Airy, Md. 21771

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Shaffers Mill Road



WELL INFORMATION APPROX. PUMPING RATE 5 AVERAGE DAILY QUANTITY NEEDED 500

DISTANCE FROM ROAD 150 Ft TAX MAP: 6 BLK: 6 PARCEL 138

- USE FOR WATER (CIRCLE APPROPRIATE BOX) [D] DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard AS20790

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

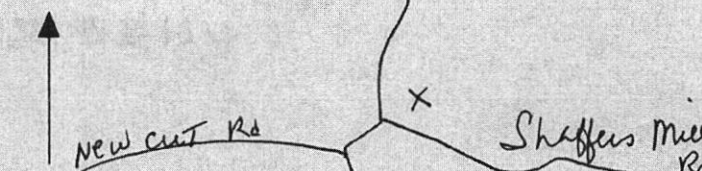
METHOD OF DRILLING (circle one) AIR-ROTary

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER wells

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) [N] THIS WELL WILL NOT REPLACE AN EXISTING WELL

WRITE THE BOX NUMBER FROM THE MAP HERE E 750-62 N 500-50

Not to be filled in by driller (MDE OR COUNTY USE ONLY) PERMIT No. HD-95-0251



SPECIAL CONDITIONS

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

**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: KE T Plumbing Telephone #: 717-524-9530  
Address: PO 2151 Westminster, Md 21158

Must circle one: Licensed Plumber / Licensed Well Driller / Licensed Well Pump Installer

License # and name of individual responsible for the field installation:  
Name (Print): Thomas A. DiMaggio Jr License# 21451

\*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: Adam & Bobbie Harrison Telephone #: 410-442-8068  
Subdivision: Rigler Property Lot #: 1 Well Tag #: HO 95-0251  
Site Address: 1101 Shaffersville Rd Mount Airy, MD 21771

**Submersible Pump Data**

Make: Sta-rite  
Model #: 55PHS10221  
Pump Capacity: 1hp 5gpm  
Well Yield: 1.5gpm

**Pitless Adapter**

Make: Harvard +  
Model#: PT800NL  
GPM Depth: 4811 (36" min)  
GPM NSF/WSC approved:

**Well Cap and Electric Conduit**

Two piece watertight cap:   
Screened, vented well cap:   
Cap secured to casing:   
Conduit min 18" B.G.:   
Conduit secured to well cap:

Depth of well encountered at time of pump installation: 500 (feet)  
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4  
Must circle one: Torque arrestors  Cable guards  Other acceptable method used

Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing

**Piping to house**

Type: 1" Poly  
PSI: 200 (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):   
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 cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: Thomas A. DiMaggio Jr date: 12/7/22

**For Health Department Use Only - Not to be completed by Installer**

Date Insp. Requested: 12/8/22 Date Insp. Approved: 12/8/22 Inspector: SCC  
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

(Revised form 10/24/2018)



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 – JULY 17, 2023

January 17, 2023

Homeowner  
1101 Shaffersville Road  
Mt. Airy, MD 21771

**RE: Rigler Property, Lot 1  
1101 Shaffersville Road  
Building Permit: B21003603  
Well Permit: HO-95-0251**

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 **1/13/2023**. Final approval of the well line connection to the dwelling was granted on **12/8/2022**. The well construction was completed on **2/23/2006**. Water samples were collected on **12/22/2022, 12/30/2022**.

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-95-0251. 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>



**Bureau of Environmental Health**  
8930 Stanford Blvd | Columbia, MD 21045  
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410.313.2648 - Fax  
1.866.313.6300 - Toll Free

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**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,

A handwritten signature in black ink, appearing to read 'Kevin M. Wolf', is written over a light blue horizontal line.

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

## REPORT OF ANALYSIS

Laboratory ID #: 156439 Account #: 4226  
Reference: Viking Development Corporation Client: Viking Development Corporation  
Location: 1101 Shaffersville Road Requested By: Cary Cumberland  
Mount Airy, MD 21771 Source: Well Water  
Date/ Time Collected: 12/22/2022 1014 Site: Pressure Tank  
Date/Time Rec'd: 12/22/2022 1221 Treatment: None  
Chlorine ppm: Free: ND Total: ND pH: 7.2  
Collected By: R. Ott 0266RO Well #: HO-95-0251

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	12/23/2022 / 0830 / TSD
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	12/23/2022 / 0830 / TSD
Nitrate.	1.88	mg/L	10	EPA 300.0	12/22/2022 / 1455 / TSD
Turbidity	2.74	NTU	<10	SM2130B	12/22/2022 / 1540 / TSD
Sand	>5	mg/L	5	Visual/Gravimetric	12/21/2022 / 1500 / TSD

### NOTES:

- 1 mg/L = milligrams per liter (also, parts per million)
- 2 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 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 sampling.
- 5 ND:None Detected
- 6 Visual well check: Sealed, vented cap: Cap Appeared Satisfactory
- 7 pH & Chlorine level tested on site

Reason for Test : Use & Occupancy  
Building Permit # : B21003603

Date Reported: 12/23/2022

# FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

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

## REPORT OF ANALYSIS

Laboratory ID #:	156527	Account #:	4226
Reference:	Viking Development Corporation	Client:	Viking Development Corporation
Location:	1101 Shaffersville Road Mount Airy, MD 21771	Requested By:	Cary Cumberland
Date/ Time Collected:	12/30/2022 0913	Source:	Well Water
Date/Time Rec'd:	12/30/2022 1259	Site:	Pressure Tank
Chlorine ppm:	Free: ND Total: ND	Treatment:	None
Collected By:	R. Ott 0266RO	pH:	7.0
		Well #:	HO-95-0251

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Sand	ND	mg/L	5	Visual/Gravimetric	12/30/2022 / 1350 / TSD

### NOTES:

- 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 sampling.
- 3 ND:None Detected
- 4 Visual well check: Sealed, vented cap
- 5 pH & Chlorine level tested on site

**Reason for Test :** Use & Occupancy

**Building Permit # :** B21003603

Date Reported: 12/30/2022

879 Long Corner Road  
Mt. Airy, MD 21771  
301-829-8098

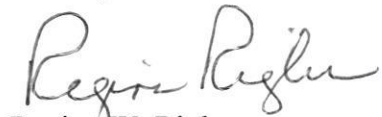
Howard County Health Department  
Well/Septic Department  
Attn: Kacie Noonan  
7178 Columbia Gateway Drive  
Columbia, MD 21046

Dear Ms. Noonan:

Here is the original of our well completion report for the lot being subdivided from our property located at 879 Long Corner Road. I had dropped off a copy of this report some time ago, but you said you would need the original.

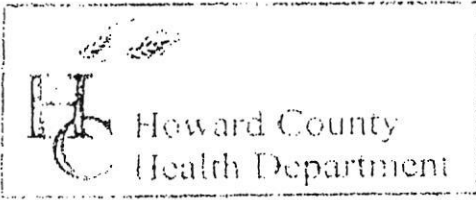
I've also enclosed a note from the Howard County Department of Planning & Zoning that requires your department to submit written documentation to them that the well has been drilled.

Thank you,



Regina W. Rigler

Enclosure – Original, Well Completion Report for 879 Long Corner Road – Lot #1



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:

- The well site has been staked by VAN MARK,  
 (professional land surveyor or company employing professional land surveyors)  
 on 1-24-06 (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

TM RIGLER  
 SHAFFERS MILL RD

COORDINATES		
PT. #	NORTH	EAST
185	610463.9968	1274228.0633
186	610697.3647	1274039.5443
187	611456.0711	1274417.6672
189	610981.2346	1274868.4462
280	610474.3091	1274240.8308
281	610691.3233	1274065.8330
282	610746.6948	1274068.8731
283	610900.0072	1274159.8050
284	611001.1321	1274211.6141
285	611161.7439	1274292.6477
286	611435.2365	1274437.4462

LINE TABLE		
100 YEAR FLOODPLAIN		
NUMBER	DIRECTION	DISTANCE
L1	N 75°39'25" W	19.54'
L2	N 85°07'01" W	52.67'
L3	N 64°19'58" W	51.75'
L4	N 86°53'46" W	50.68'
L5	N 65°22'22" W	46.57'
L6	N 50°03'59" W	32.06'
L7	N 47°04'42" W	32.22'
L8	N 54°43'41" W	130.90'
L9	N 20°10'27" W	60.92'
L10	N 27°07'38" E	16.53'
L11	N 26°46'21" E	39.80'
L12	S 14°04'04" W	42.40'
L13	S 24°12'05" E	57.25'
L14	S 55°58'27" E	130.92'
L15	S 50°40'18" E	53.51'
L16	S 61°58'57" E	42.02'
L17	S 85°28'38" E	47.31'
L18	S 64°11'54" E	57.66'
L19	S 84°06'13" E	88.95'
L20	S 51°04'20" W	33.47'

THE REQUIREMENTS §3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1986 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

*Sourabh Munshi* 8/11/05  
 SOURABH G. MUNSHI, Prof.L.S. NO. 10,770 DATE

TIMOTHY L. RIGLER, OWNER DATE

REGINA W. RIGLER, OWNER DATE

**AREA TABULATION CHART**

a. Total number of lots and/or parcels to be recorded

Buildable	2
Non-Buildable	0
Open Space	0
Preservation Parcels	0

b. Total area of lots and/or parcels

Buildable	8.3982 Ac.±
Non-Buildable	0
Open Space	0
Preservation Parcels	0

c. Total area of roadway to be recorded including widening strips 0.4861 Ac.±

d. Total area of subdivision to be recorded 8.8213 Ac.±

**APPROVED**

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

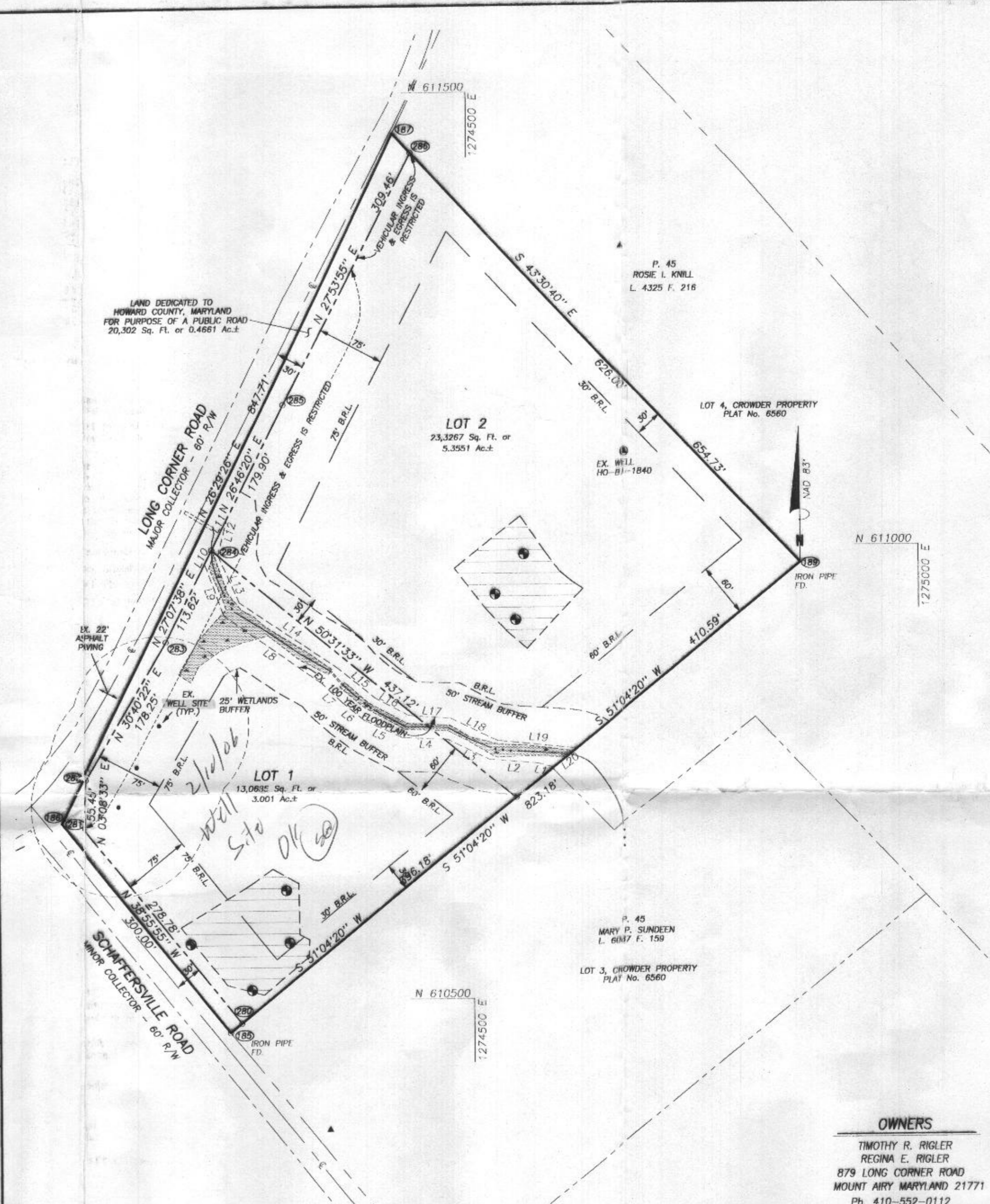
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

DIRECTOR DATE

**APPROVED**

FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT

HOWARD COUNTY HEALTH OFFICER DATE



**GENERAL NOTES**

- The lots shown hereon comply with the minimum ownership width and lot area as required by the Maryland State Department of the Environment regulations.
- Coordinates are based on NAD 83 Maryland Coordinate System as projected by Howard County Geodetic Control Stations No. 06C3 & 06C6.
- This area designates a private sewage easement of at least 10,000 square feet (10,000 square feet per lot for shared drain fields associated with a shared sewage disposal facility) as required by Maryland State Department of the Environment for individual sewage disposal (COMAR 26.04.03). Improvements in any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant adjustments. Recordation of a modified sewage easement shall not be necessary.
- B.R.L. - Represents building restriction line
- Represents concrete monument set (unless otherwise noted)
- Represents iron rebar set (unless otherwise noted)
- Percolation test holes shown hereon have been field located and shown thus (circle with dot). Proposed wells indicated thus (circle with cross).
- Public water and sewer are not available to this site. On-lot water and sewer will be provided until public utilities are available.
- The subject property zoned 'RCDEO' per 02/02/04 Comprehensive Zoning Plan.
- Driveway(s) shall be provided prior to issuance of a use and occupancy permit for any new dwellings to insure safe access for fire and emergency vehicles per the following minimum requirements:
  - Width - 12' (14' serving more than one residence);
  - Surface - 6" of compacted crusher run base with tar and chip coating (1-1/2" min.)
  - Geometry - Maximum 15% grade, maximum 10% grade change and minimum 45-foot turning radius.
  - Structures (culvert/bridges) - Capable of supporting 25 gross tons (H25 loading).
  - Drainage Elements - Capable of safely passing 100-year flood with no more than 1 foot depth over driveway surface.
  - Structure clearances - minimum 12 feet.
  - Maintenance - sufficient to insure all weather use.
- This plat is based on a field run monumented boundary survey performed on or about December 23, 2004 by Sourabh G. Munshi, VanMar Associates, Inc.
- Areas as stated on this plat are to be taken as more or less, unless otherwise noted.
- There are wetlands located on this site in accordance with the Wetlands Delineation conducted by Exploration Research Inc.
- No grading, removal of vegetative cover or trees, or placement of new structures is permitted within the limits of wetlands, stream(s), or their buffers and forest conservation easement areas.
- Landscaping requirements for these lots shall be provided in accordance with the provisions of Section 16.124 of the Howard County Subdivision and Land Development Regulations and the Landscape Manual.
- Lot 1 is exempt from Stormwater Management requirements per Section 5.1.2.(b)(2) of the Howard County Design Manual, Volume I. There will be less than 5,000 square feet of disturbance. There is an existing dwelling on Lot 2.
- There is an existing dwelling/structure located on Lot 2 to remain. No new buildings, extensions or additions to the existing dwelling are to be constructed at a distance less than the zoning regulations require.
- This plan is subject to the Amended 5th Edition Subdivision and Land Development Regulations effective 10/02/2003 and to the zoning regulations effective 02/02/2004.
- This property is exempt from forest conservation requirements according to Section 16.1202, which exempts minor subdivisions that create one additional lot and have no further subdivision potential.
- The floodplain study for this project was prepared by VanMar Associates, Inc. dated August, 2005.

**OWNERS**

TIMOTHY L. RIGLER  
 REGINA E. RIGLER  
 879 LONG CORNER ROAD  
 MOUNT AIRY MARYLAND 21771  
 Ph. 410-552-0112

**SURVEYOR'S CERTIFICATE**

I, HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF ALL OF THE LANDS CONVEYED BY JACK I. NEWCOMER AND NANCY E. NEWCOMER TO TIMOTHY L. RIGLER AND REGINA W. RIGLER BY DEED DATED JANUARY 24, 1986 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 1435 FOLIO 601. AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND AS AMENDED.



*Sourabh Munshi* 8/11/05  
 Sourabh G. Munshi, Prof. L.S. #10770

**OWNER'S CERTIFICATE**

WE, TIMOTHY L. RIGLER AND REGINA W. RIGLER, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS:

- THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES, IN AND UNDER ALL ROADS AND STREET RIGHTS-OF-WAY AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON;
- THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE;
- THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE; AND
- THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAYS.

WITNESS MY/OUR HANDS THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2005.

TIMOTHY L. RIGLER, OWNER

WITNESS

REGINA W. RIGLER, OWNER

WITNESS

RECORDED AS PLAT NO. \_\_\_\_\_ ON \_\_\_\_\_ AMONG THE LAND RECORDS OF HOWARD COUNTY, MD.

**MINOR SUBDIVISION PLAT**

LOTS 1 & 2

**RIGLER PROPERTY**

(LIBER 1435 AT FOLIO 601)

TAX MAP: 6 ELECTION DISTRICT: No. 4 SCALE: 1"=100'  
 GRID NO: 6 HOWARD COUNTY, MARYLAND DATE: AUGUST, 2005  
 PARCEL NO: 138 EX. ZONING: RCDEO SHEET 1 OF 1



**VANMAR ASSOCIATES, INC.**  
 Engineers Surveyors Planners  
 310 South Main Street P.O. box 328  
 Mount Airy, Maryland 21771  
 (301) 829 2890 (301) 831 5015 (410) 549 2751