

0701

SEQUENCE NO.  
(MDE USE ONLY)

STATE OF MARYLAND  
WELL COMPLETION REPORT  
FILL IN THIS FORM COMPLETELY  
PLEASE TYPE

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

ST/CO USE ONLY  
DATE Received  
MM DD YY

DATE WELL COMPLETED

9/7/07

Depth of Well

22 600 26  
(TO NEAREST FOOT)

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"

HD-95-1101

OWNER LEE DEVELOPMENT GROUP, INC

STREET OR RFD TERRAPIN CREEK DR

TOWN West FRIENDSHIP

SUBDIVISION TERRAPIN CREEK

SECTION

LOT

WELL LOG

Not required for driven wells

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

DESCRIPTION (Use  
additional sheets if needed)

FEET

FROM TO

check  
if water  
bearing

Top Soil 6 2  
Brown mica 2 90  
Greynica 90 160  
Brown mica 160 162  
Greynica 162 200  
Brown mica 200 204  
Greynica 204 600

33 x 6 = 198  
33 ÷ 7.3 = 4.5

GROUTING RECORD

WELL HAS BEEN GROUTED  
(Circle Appropriate Box)

yes no  
Y N  
44 44

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 33 NO. OF POUNDS 3300

GALLONS OF WATER 198

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 73 ft.  
(enter 0 if from surface)

CASING RECORD

casing  
types  
insert  
appropriate  
code  
below

ST CO  
STEEL CONCRETE  
PL OT  
PLASTIC OTHER

MAIN  
CASING  
TYPE

Nominal diameter  
top (main) casing  
(nearest inch)

Total depth  
of main casing  
(nearest foot)

ST 6 100'

OTHER CASING (if used)

diameter depth (feet)  
inch from to

EACH CASING

screen type  
or open hole

SCREEN RECORD

insert  
appropriate  
code  
below

ST BR HO  
STEEL BRASS OPEN  
HOLE  
PL PL OT  
PLASTIC OTHER

C 2

DEPTH (nearest ft.)

1 170 98 600  
2 23 24 26 30 32 36  
3 38 39 41 45 47 51  
SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)  
56 60  
from to

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

70 72 74 75 76  
TELESCOPE LOG OTHER DATA  
CASING INDICATOR

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.) 6

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 32 ft.

WHEN PUMPING 170 ft.

TYPE OF PUMP USED (for test)

A air P piston T turbine  
C centrifugal R rotary O other (describe below)  
J jet S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP 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 36

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH  
(nearest ft.) 43 47

CASING HEIGHT (circle appropriate box  
and enter casing height)

+ above  
- below  
LAND SURFACE 2 (nearest foot)

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)

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED

yes no  
Y 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. M W D 040

George F. Kesterday  
DRILLERS SIGNATURE  
(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. A W D 288

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

B 1 0340  
1 2 3 6

SEQUENCE NO.  
(MDE USE ONLY)

STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL  
526268 please type

STATE PERMIT NUMBER  
40-95-1101  
fill in this form completely

Date Received (APA) 3/6/07  
OWNER INFORMATION 10491  
Lee Development Group Inc  
8601 Georgia Ave, Suite 200  
Silver Spring, Md 20910

DRILLER INFORMATION  
George F. Easterday  
L. Franklin Easterday, Inc.  
9255 Brown Church Rd., MT. Airy, Md. 21771  
George F. Easterday 2/28/2007

WELL INFORMATION 5  
APPROX. PUMPING RATE (GAL. PER MIN.) 500  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14

USE FOR WATER (CIRCLE APPROPRIATE BOX)  
DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION  
FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
INDUSTRIAL, COMMERCIAL, DEWATERING  
PUBLIC WATER SUPPLY WELL  
TEST, OBSERVATION, MONITORING  
GEO-THERMAL

APPROXIMATE DEPTH OF WELL 300 FEET  
APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)  
BORED (or Augered) JETTED Jetted & DRIVEN  
AIR-ROTARY AIR-PERCUSION ROTARY (Hydraulic Rotary)  
CABLE REVERSE-ROTARY Drive-POINT  
other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)  
THIS WELL WILL NOT REPLACE AN EXISTING WELL  
THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  
THIS WELL WILL DEEPEAN AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41

Not to be filled in by driller (MDE OR COUNTY USE ONLY)  
APPROX. PERMIT NUMBER 403006011  
PERMIT No. 40-95-1101

SPECIAL CONDITIONS  
NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

LOCATION OF WELL  
Howard  
8 COUNTY Terrapin Creek  
23 SUBDIVISION 1  
SECTION 44 46 LOT 48 50  
West Friendship  
52 NEAREST TOWN 71  
MILES FROM TOWN (enter 0 if in town) 1

Terrapin Creek Drive  
NEAR WHAT ROAD 30  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
NORTH  
WEST  
EAST  
SOUTH  
DISTANCE FROM ROAD Ft. 50  
ENTER FT OR MI 38 39  
TAX MAP: 15 BLK: 5 PARCEL 12

NOT TO BE FILLED IN BY DRILLER  
HEALTH DEPARTMENT APPROVAL  
Howard 13 A 520108  
COUNTY NAME COUNTY NO.  
STATE SIGNATURE INSERT S  
DATE ISSUED 4/30/07  
CO SIGNATURE 4/30/08  
NORTH GRID 538 000 EAST GRID 0813 000

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 818 3  
N 538 8

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION  
Terrapin Creek  
West Friendship  
10 C 1

[illegible]

Well Permit No. HO - 95-1101  
Location of property (road) Terrapin Creek Dr.  
Subdivision Terrapin Creek Lot 1 Block        Plat        Sec.         
Well Driller Easterday Owner       

HD-224

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WATER AND SEWERAGE PROGRAM  
TEL: (410)313-2640 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: Atlantic Blue Telephone #: 410-840-8112  
Address: 1802 Baltimore Blvd.  
Westminster, MD 21157

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer

License # and name of individual responsible for the field installation:

Name (Print): LIVE SWICKLEY License# 70788

\*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: CYTONVILLE HOMES Telephone #: 410-442-0211

Subdivision: TERRAPIN CREEK Lot #: 1 Well Tag #: HO-95-1101 ✓ 10/24/2018

Site Address: 2003 TERRAPIN CREEK RD. SYLVESVILLE, MD 21784

Submersible Pump Data

Make: \_\_\_\_\_  
Model #: \_\_\_\_\_  
Pump Capacity \_\_\_\_\_ GPM  
Well Yield: \_\_\_\_\_ GPM

Pitless Adapter

Make: Cumpro 11  
Model#: \_\_\_\_\_  
Depth: 42" (36" min)  
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: \_\_\_\_\_ (feet)

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: PPR  
PSI: 200 (160 psi min)  
Depth of supply line: 42 (36" min)

House Connection

PVC sleeve to undisturbed soil at wall penetration: ✓  
Approximate length of sleeve: 20 ft  
Sleeve caulked and 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: [Signature] date 10/18/18

For Health Department Use Only – Not to be completed by Installer

Date Insp. Requested: 10/24/2018 Date Insp. Approved: 01/03/2019 Inspector: [Signature]

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 seen 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

40" 10/24/2018

22" 10/24/2018

16" 10/24/2018

14" 10/24/2018

EX HOUSE  
10/24/2018



10/24/2018 ✓ OK 1/3/19

REINSR FINAL GRADE BY HOUSE IS TO PAINTED  
LINE; WELL CAP MISSING A SCREEN  
WELL CAP SCREEN REPLACED DURING INSP.



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

**INTERIM CERTIFICATE OF POTABILITY**

**Expiration Date – JULY 23, 2019**

January 23, 2019

Homeowner  
2003 Terrapin Creek Drive  
Sykesville, MD 21784

**RE: Terrapin Creek, Lot 1  
2003 Terrapin Creek Drive  
Building Permit: B18002517  
Well Permit: HO-95-1101**

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 **1/3/2019**. Final approval of the well line connection to the dwelling was granted on **1/3/2019**. The well construction was completed on **9/7/2007**. Water samples were collected on **1/8/2019, 1/18/2019**.

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-95-1101. 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.**

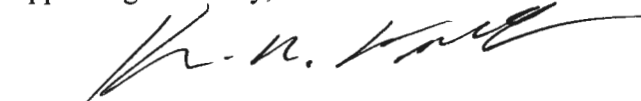
Please contact (410) 313-1773 to schedule a final water sample appointment or contact a Maryland certified water laboratory to schedule a water sample. A list of laboratories certified by the state of Maryland may be found at the following website:  
<http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf>

---

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

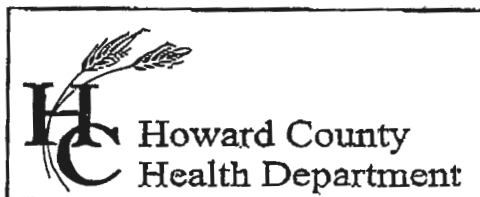
In closing, please refer to our "Homeowner Fact Sheet" which illustrates a better understanding for your Onsite Sewage Disposal System. You will also find a link to Maryland Department of the Environments website which describes in further detail operation and maintenance of your septic system.

Approving Authority,



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

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



7178 Columbia Gateway Drive, Columbia, MD 21046

(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:

Well Site Location: Pres A  
TERRAPIN Creek 1-22 TERRAPIN Creek Drive & MILD COURT  
Subdivision/Property Name Lot# Road Name

☒ The well site has been staked by YAN MAR ASSOCIATES INC  
(professional land surveyor or company employing professional land surveyors)  
on 3-9-07 (date) and does not require a site inspection.

*No later than*

☐ 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.

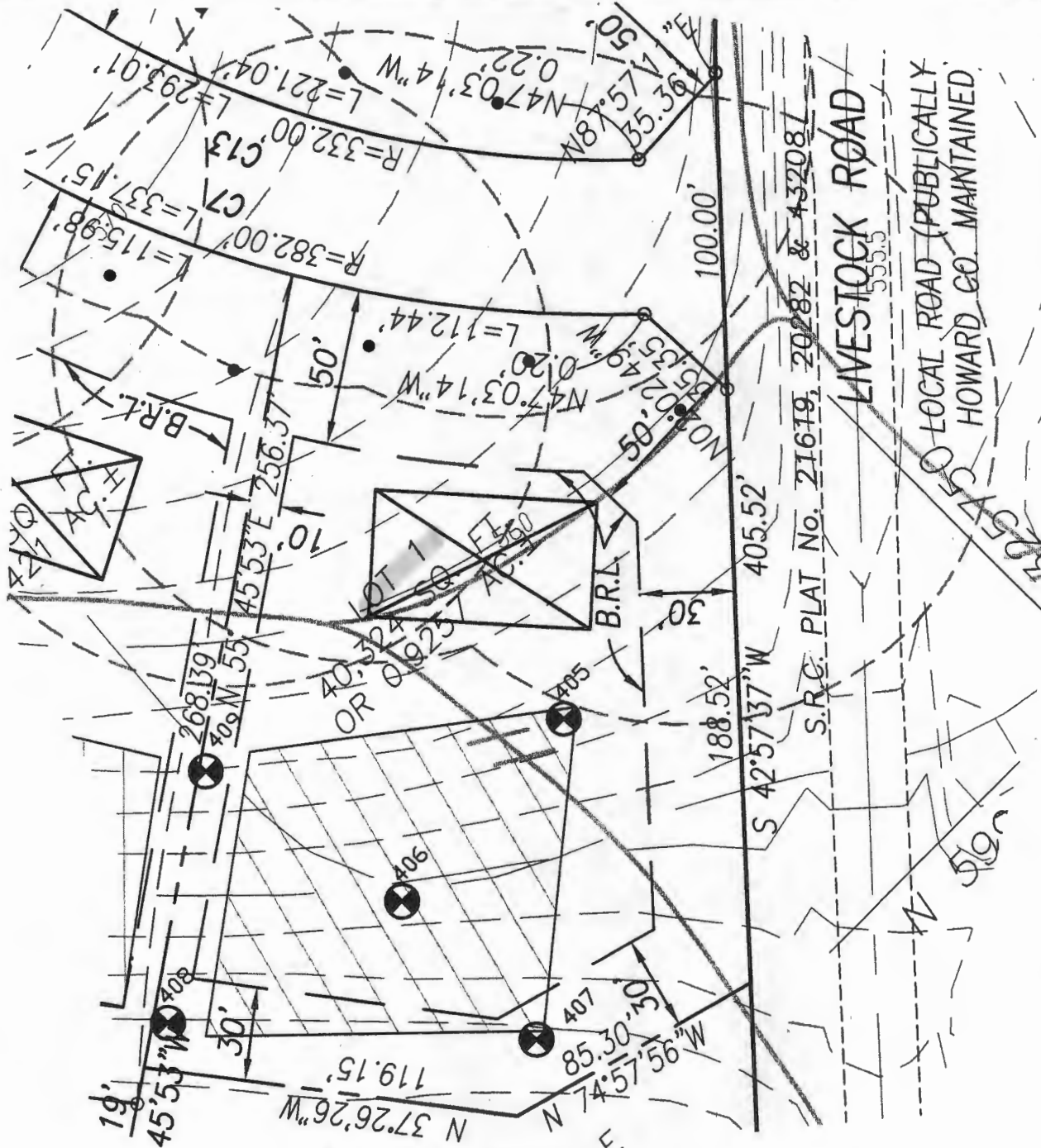
Revised 3/11/05

*Lee DEVELOPMENT GROUP*

*Hale*

*Schwartz Farm*

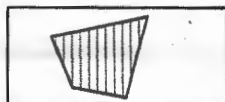




5/3/07

well site's stated  
by Vanmar

(KW)



THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL.

IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

(PASSED) PERCOLATION TEST SITE:



(FAILED) PERCOLATION TEST SITE:



EXISTING WELL:



PROPOSED HOUSE SITE:



PROPOSED WELL SITE:



# WELL SITE PLAN LOT 1 TERRAPIN CREEK (FORMERLY SCHWABE FARM)

PART OF THE LANDS CONVEYED TO LDG, INC. BY DEED RECORDED IN LIBER 1988 AT FOLIO 258

TAX MAP: 15; GRID: 4 & 5; PARCELS: 12 & 43  
SITUATED ON SYKESVILLE AND LIVESTOCK ROAD  
ELECTION DISTRICT No. 3, HOWARD COUNTY, MARYLAND  
SCALE: 1" = 50' APRIL, 2007

**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 #: 127794 Account #: 1045  
Reference: Catonsville Homes Lot 1 Company: Atlantic Blue Water Services  
Location: 2003 Terrapin Creek Road Requested By: Mark Mather  
Sykesville, MD 21784 Source: Well Water  
Date/ Time Collected: 1/8/2019 1030 Site: Well Tank  
Date/Time Rec'd: 1/8/2019 1338 Treatment: None  
Chlorine ppm: Free: ND Total: ND pH: 6.9  
Collected By: M. Mather 3480MM Well #: HO-95-1101

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	20.7	MPN/ 100 ml	<1.0	SM20 9223B	1/9/2019 / 0900 / RER
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	1/9/2019 / 0900 / RER
Nitrate	2.87	mg/L	10	601	1/8/2019 / 1640 / RER
Turbidity	5.59	NTU	<10	SM20 2130B	1/8/2019 / 1545 / RER
Sand	NS	mg/L	5	Visual/Gravimetric	1/8/2019 / 1545 / RER

**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 NS = None Seen (NS indicates less than 5 mg/L)
- 4 NTU = Nephelometric Turbidity Units
- 5 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 6 Sample collected by client, analyzed as received
- 7 ND:None Detected
- 8 Visual well check: Sealed, vented cap
- 9 pH and Chlorine level tested in lab (pH tested after recommended holding time)

Reason for Test : Use &amp; Occupancy

Building Permit # : B18002517

Date Reported: 1/9/2019

MD State Certification # 133

**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 #:	128045	Account #:	1045
Reference:	Terrapin Creek Lot 1	Company:	Atlantic Blue Water Services
Location:	2003 Terrapin Creek Road	Requested By:	Mark Mather
	Sykesville, MD 21784	Source:	Well Water
Date/ Time Collected:	1/18/2019 1035	Site:	Bathroom Faucet
Date/Time Rec'd:	1/18/2019 1300	Treatment:	None
Chlorine ppm:	Free: ND Total: ND	pH:	6.3
Collected By:	A. Panneton 3508AP	Well #:	HO-95-1101

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	1/19/2019 / 0900 / CCH
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	1/19/2019 / 0900 / CCH

OK

**NOTES**

- 1 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 2 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 3 Sample collected by client, analyzed as received
- 4 ND:None Detected
- 5 Visual well check: Sealed, vented cap
- 6 pH and Chlorine level tested in lab (pH tested after recommended holding time)

Reason for Test : Use &amp; Occupancy

Building Permit # : B18002517

Date Reported: 1/21/2019

MD State Certification # 133