

C1 5174

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

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well 22 300 26

PERMIT NO. FROM "PERMIT TO DRILL WELL" 95 - 1197

OWNER Brantly Development last name Lime Kiln Road first name TOWN Fulton SUBDIVISION Lime Kiln Valley SECTION LOT 3

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 60 61 63 64 66 67 68 69 70

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO PL OT

PUMPING TEST HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min.) 1.62 METHOD USED TO MEASURE PUMPING RATE Submersible WATER LEVEL (distance from land surface) BEFORE PUMPING 24 ft. WHEN PUMPING 255 ft. TYPE OF PUMP USED (for test) S submersible

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED YES Y NO N

DEPTH (nearest ft.) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76

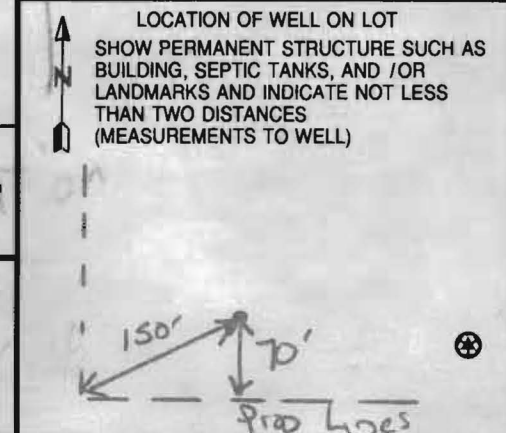
PUMP INSTALLED DRILLER INSTALLED PUMP YES NO CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE - below (nearest foot)

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 S D 162 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. A W D 700

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 TELESCOPE CASING LOG INDICATOR OTHER DATA



# HARR WELL DRILLING

12047 FALLS ROAD  
COCKEYSVILLE, MD 21030  
410-252-4588

## HOWARD COUNTY WELL YIELD TEST REPORT

Date Test Performed: 10-02-07      Permit Number: HO-95-1197  
Address: Lime Kiln Road      Subdivision: Lime Kiln Valley L#3  
Owner Name: Brantly Development      Election District:  
Well Depth: 300 Ft      Static Water Level: 24 Ft

Time	Water Level	PSI Existing Pump	Pumping Rate Seconds to fill 1gallon bucket	Calculated Flow-Gallons Per Minute
0900	24 ft		3 sec	20.00
0915	168		4	15.00
0930	254		37	1.62
0945	254		37	1.62
1000	254		37	1.62
1015	254		37	1.62
1030	254		37	1.62
1045	254		37	1.62
1100	254		37	1.62
1115	254		37	1.62
1130	254		37	1.62
1145	254		37	1.62
1200	254		37	1.62
1215	254		37	1.62
1230	254		37	1.62
1245	254		37	1.62
1300	254		37	1.62
1315	254		37	1.62
1330	254		37	1.62
1345	255		37	1.62
1400	255		37	1.62
1415	255		37	1.62
1430	255		37	1.62
1445	255		37	1.62
1500	255		37	1.62
1515	255		37	1.62
1530	255		37	1.62

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

\*\*\*\*\*  
 WATER WELL ABANDONMENT-SEALING REPORT FORM  
 \*\*\*\*\*

SUBMIT COPIES OF COMPLETED FORM TO:

- \* COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)
- \* WELL OWNER
- \* MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

9/10/2010

DATE WELL ABANDONED: 8-17-10 (month/day/year)

O.K. (BR)

\* PERMIT NUMBER OF ABANDONED WELL (if any)

HO-95-1197

\* PERMIT NUMBER OF REPLACEMENT WELL

HO-95-1916

\* PERSON ABANDONING WELL: Michael Cochran

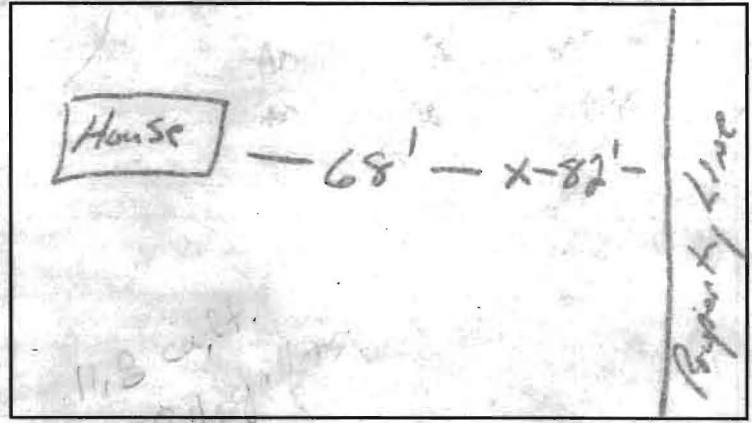
WELL DRILLERS LICENSE NUMBER: 157

CIRCLE: MWD/MSD/MGD

\* OWNER'S NAME: Howard Rosenberg

SITE LOCATION MAP

\* WELL LOCATION:  
 COUNTY: Howard  
 NEAREST TOWN: Hyblestown  
 TAX MAP 40 BLOCK 21 PARCEL 1/41  
 SUBDIVISION: Long Run Valley  
 SECTION: \_\_\_\_\_ LOT: 3  
 NEAREST ROAD: 12773 Long Run Rd.



\* TYPE OF WELL BEING ABANDONED:

- DRILLED  JETTED
- BORED/AUGERED  HAND DUG
- OTHER (specify) \_\_\_\_\_

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
Crushed Stone	300'	60'
Portland Type I Cement	60'	0
VOLUME OF MATERIAL USED		
13 Bags Cement		

\* USE CODE:

- DOMESTIC  MUNICIPAL/PUBLIC
- IRRIGATION  INDUSTRIAL
- TEST/OBSERVATION  GEOTHERMAL

\* TYPE OF CASING:

- STEEL  PLASTIC
- CONCRETE  OTHER (specify) \_\_\_\_\_

\* SIZE OF CASING: 6 INCHES IN DIAMETER

\* DEPTH OF WELL: 300 FEET DEEP

\* WAS ANY CASING REMOVED?  YES \_\_\_\_\_ NO  
 if yes, length removed, in feet: 4'

\* WAS CASING RIPPED OR PERFORATED? YES  NO

SIGNATURE - MASTER WELL DRILLER OR SUPERVISING SANITARIAN [Signature] LICENSE # 157 CIRCLE ONE (1) DATE 8-17-10

B 1 9827

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type 527237

STATE PERMIT NUMBER

HO-95-1197 fill in this form completely

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13

Brantly Development 15 Last Name Owner First Name 34 8835 N. Columbia 100 Pkwy 36 Street or RFD 55 Columbia MD 21045 57 Town 70 State 72 Zip 76

B 3

LOCATION OF WELL

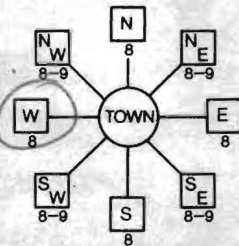
Howard 8 COUNTY 21 Lime Kiln Valley 23 SUBDIVISION 42 SECTION 44 46 LOT 3 48 50 Fulton 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 73 1 M I 76 77 78

DRILLER INFORMATION

Michael D. Isom M S D 162 76 Driller's Name License No. 81 G. Edgar Harr Sons' Corp. Firm Name 12047 Falls Road, Cockeysville 20030 Address 6/11/07 Date Signature

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Lime Kiln Road 11 NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH SOUTH WEST EAST DISTANCE FROM ROAD 34 300 37 ENTER FT OR MI 38 39 TAX MAP: BLK: PARCEL

B 2

WELL INFORMATION

APPROX. PUMPING RATE 5 8 12 (GAL. PER MIN.) AVERAGE DAILY QUANTITY NEEDED 750 14 20 (GAL. PER DAY)

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 A519584 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 8/10/07 8/10/08 41 43 MM DD YY 48 CO SIGNATURE EXP. DATE NORTH GRID 480 000 EAST GRID 812 000 50 55 57 63

APPROXIMATE DEPTH OF WELL 250 24 28 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) 30 CABLE REVERSE-ROTary DRIVE-POINT 37 other

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 DEEPEM 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)

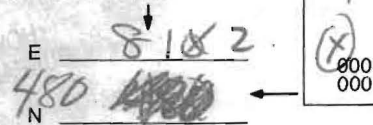
APPROX. PERMIT NUMBER HO 2004 G 01 3/02 PERMIT No. HO-95-1197 70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- 1. well 2. 3.

WRITE THE BOX NUMBER FROM THE MAP HERE



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

N



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

C1 4052

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER

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

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER: Rosalburg Howard; STREET OR RFD: 2738 Lime Hill Road; TOWN: Highland; SUBDIVISION: ; SECTION: ; LOT: ;

WELL LOG

Not required for driven wells

GROUTING RECORD

WELL HAS BEEN GROUTED (X) (N); TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC); NO. OF BAGS: 17; NO. OF POUNDS: 1500; GALLONS OF WATER: 100; DEPTH OF GROUT SEAL: 0 to 73 ft.

CASING RECORD

MAIN CASING TYPE: PL; Nominal diameter top (main) casing: 6 inches; Total depth of main casing: 73 feet.

OTHER CASING (if used)

Table for other casing with columns for diameter and depth.

SCREEN RECORD

screen type or open hole: (S) STEEL, (BR) BRASS BRONZE, (PL) PLASTIC, (HO) OPEN HOLE, (OT) OTHER.

DEPTH (nearest ft.)

Table for depth measurements with columns for casing and screen diameters.

DIAMETER OF SCREEN: 56 to 60 inches.

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

TELESCOPE CASING, LOG INDICATOR, OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour): 3; PUMPING RATE (gal. per min.): 15; WATER LEVEL (distance from land surface): 19 ft. before pumping, 55 ft. when pumping.

PUMP INSTALLED

DRILLER INSTALLED PUMP (YES) (NO); TYPE OF PUMP INSTALLED: S (submersible); CAPACITY: 7 GALLONS PER MINUTE; PUMP HORSE POWER: 3/4; PUMP COLUMN LENGTH: 350 feet.

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)

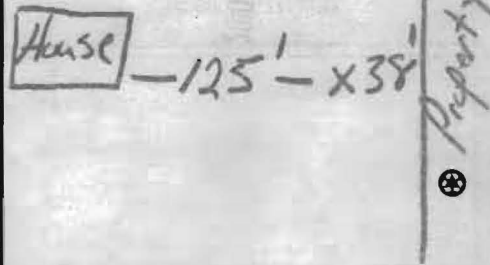


Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows include: Overburden (0-6'), Soft Brown (6'-67'), Gray Rock (67'-370'), H.T. water (322-368').

NUMBER OF UNSUCCESSFUL WELLS: 0; WELL HYDROFRACTURED: (Y) (N)

CIRCLE APPROPRIATE LETTER: 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...

DRILLERS LIC. NO.: M 3 D 152; DRILLERS SIGNATURE: [Signature]; LIC. NO.: D

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

B 1 2593  
1 2 3 6

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL  
533246 please type

STATE PERMIT NUMBER  
40-95-1916  
70 fill in this form completely 79

Date Received (APA)  
OWNER INFORMATION  
8 MM DD YY 13  
15 Last Name First Name  
36 Street or RFD  
57 Town 70 State 72 Zip 76  
Roseberg Howard  
12773 Lime Kiln Road  
Highland MD 20777

B 3 LOCATION OF WELL  
8 COUNTY 21  
23 SUBDIVISION 42  
SECTION 44 46 LOT 3 48 50  
52 NEAREST TOWN 71  
MILES FROM TOWN (enter 0 if in town) 2 MI 73 76 77 78

DRILLER INFORMATION  
Driller's Name 76 License No. 81  
Firm Name  
Address  
Signature Date  
Michael Cochran M S D 157  
G. E. Hair  
12097 Falls Rd. Cockeysville  
5-13-10

B 4  
1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
NEAR WHAT ROAD 30  
DISTANCE FROM ROAD 1-7  
ENTER FT OR MI 38 39  
TAX MAP: 40 BLK: 21 PARCEL 114

B 2 WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN.) 8 12  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20  
750

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 (13) A519584  
COUNTY NAME COUNTY NO.  
STATE SIGNATURE INSERT S 41  
DATE ISSUED 7/30/2010 Brian Baker 7/30/2011  
CO SIGNATURE EXP/DATE  
NORTH GRID 480 0 0 0 EAST GRID 812 0 0 0  
50 55 57 63

APPROXIMATE DEPTH OF WELL 300 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

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 DEEPEM 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. 40-95-1916  
70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
SOURCES OF DRILLING WATER  
1. Shop  
2.  
3.  
WRITE THE BOX NUMBER FROM THE MAP HERE  
E 5102  
N  
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION  
N  
Sketch showing location of well in relation to nearby towns and roads, including 'Bridge Rd' and 'Lime Kiln Valley Road'.

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

# HARR WELL DRILLING

12047 FALLS ROAD  
COCKEYSVILLE, MD 21030  
410-252-4588

## HOWARD COUNTY WELL YIELD TEST REPORT

Date Test Performed: 08-12-10  
Address: 12773 Lime Kiln Road  
Owner: Howard Rosenberg  
Well Depth: 370 Ft

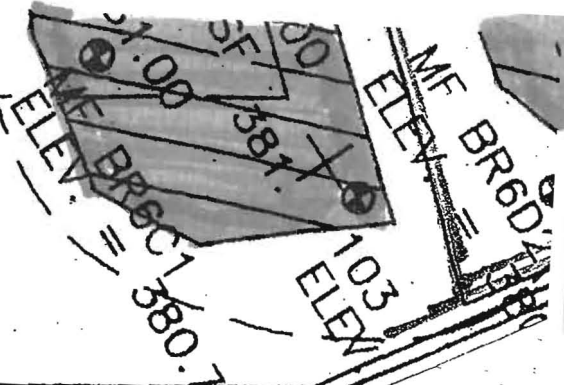
Permit Number: HO-95-1916  
Subdivision:  
Election District:  
Static Water Level: 19 Ft

Time	Water Level	PSI Existing Pump	Pumping Rate Seconds to fill 5 Gallon bucket	Calculated Flow-Gallons Per Minute
0900	19 sec		18 sec	16.66
0915	24		18	16.66
0930	35		18	16.66
0945	40		18	16.66
1000	42		18	16.66
1015	46		18	16.66
1030	50		20	15.00
1045	50		20	15.00
1100	55		20	15.00
1115	55		20	15.00
1130	55		20	15.00
1145	55		20	15.00
1200	55		20	15.00
1215	55		20	15.00

Approximately  
1" = 50'

73.00

44'13"E 303.00'



7/9/2010 Proposed

75' B.R.L. New Well Location (B3)

Propane Tank

~126

116.2'

SEE  
DETAIL

Existing Well

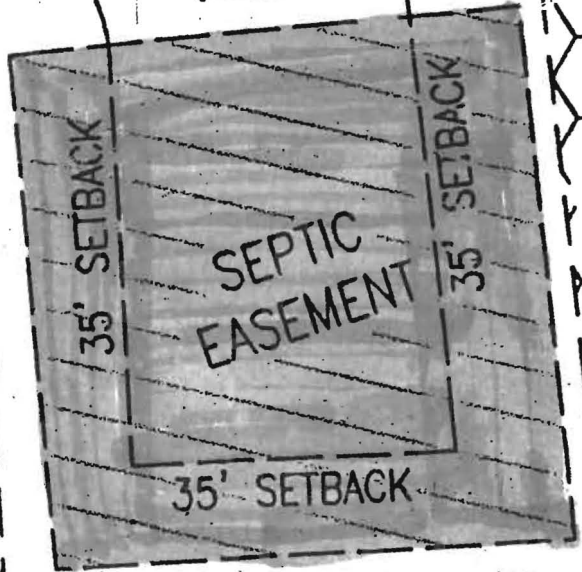
~142

LOT 3  
5.2969 ACRES

35' SETBACK

Not Usable

Tank



615.43'

N55°28'28"W

WFTI AND

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: Robert L. Freezer Co. Inc Telephone #: 410-781-4655  
Address: 6321 Barnett Ave,  
Sykesville, MD

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:  
Name (Print): Robert L. Freezer License# 2122

\*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: NV Homes Telephone #: 410-379-5456  
Subdivision: MAPLE WOODS Lot #: 3 Well Tag #: HO-95-1197  
Site Address: 12773 LIME KILN ROAD  
FULTON, MD 20759

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit  
Make: STA-RTIC Make: Campbell Two piece watertight cap:   
Model #: S7P4HS07221 Model#: PT 800 Screened, vented well cap:   
Pump Capacity 7 GPM Depth: 40" (36" min) Cap secured to casing:   
Well Yield: 1.6 GPM NSF approved:  Conduit min 18" B.G.:   
Depth of well encountered at time of pump installation: 300(feet) Conduit secured to well cap:   
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4  
Torque arrestors or Cable guards are required - Must circle one  
Safety rope, if used, attached to inside of well casing with eye bolt

Piping to house House Connection  
Type: Poly PVC sleeved to undisturbed soil at wall penetration:   
PSI: 200 (160 psi min) Approximate length of sleeve: 10'  
Depth of supply line: 40" (36" min) 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: Robert L. Freezer date: 1/13/09  
INSPECTION CALLED IN FOR 1/12/08

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

Date Insp. Requested: 1/12/08 Date Insp. Approved: 1/28/09  
Inspection Data: Pitless adapter and 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 installed inside of well 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



To: Howard County  
Bureau of Environmental Health  
7178 Columbia Gateway Drive  
Columbia, MD 21046

Attn: Kevin

From: Ryan K. Johnson  
NV Homes  
6085 Marshalee Dr Suite 130  
Elkridge, MD 21075

Dear Kevin,

Per your request, I am providing this letter for your records referencing 12773 Lime Kiln Rd Highland, MD 20777 permit # B08002095. NVHomes is aware that the septic system (in specific, one leach field) is outside of the septic easement. Consequently, NVHomes has informed the future property owner of this situation and has received his/her approval. NVHomes releases the Bureau of Environmental Health of any liability associated with this easement variance

If you have any question or concerns, please feel free to contact me. Thank you for your time and consideration regarding this issue.

Sincerely,

A handwritten signature in black ink, appearing to read "Ryan K. Johnson", with a long, sweeping underline.

Ryan Johnson  
NV Homes  
Senior Project Manager  
Office: 410 379-5956  
Cell: 443 309-5572

6085 Marshalee Drive • Suite 130 • Elkridge, MD 21075 • (410) 379-5956 • FAX (410) 379-2430



**CERTIFICATE OF ANALYSIS**

**Requester:**  
 NV Homes, Inc  
 Attn: Buddy  
 6085 Marshalee Drive Suite 130  
 Elkridge, Maryland 21075

**S/O Number:** 71161  
**Report Date:** January 20, 2009

**Property Sampled:** 12773 Lime Kiln Road, 20777

**County:** Howard  
**Subdivision:** Maple Woods  
**Lot #:** 3  
**Building Permit #:** B08002095

**Tax Map #:** 40  
**Parcel #:** 114

**Date/Time Collected:** January 19, 2009 at 12:33 pm  
**Date/Time Received:** January 19, 2009 at 2:30 pm

**Sample Location:** Pressure Tank Tap  
**Sampler ID:** 5745KC

**Samples Iced:** Yes  
**Residual Cl<sub>2</sub> <0.1 mg/L:** Yes

**Well Tag Number:** HO-95-1197  
**Well Condition:** 2-Piece Cap  
 Satisfactory

**Water Conditioning/Treatment:** Neutralizer

PARAMETER	RESULT	METHOD	MCL/*SMCL	
Nitrate	1.5 mg/L as N	SM 4500D	10 mg/L as N	Pass
Turbidity	77 NTU	EPA 180.1	10 NTU	HIGH
pH	7.8 Units	EPA 150.1	*6.5-8.5 Units	***
Sand	Negative		Negative	
Total Coliform	Absent	SM 9223B	Absent	Pass
E.coli	Absent	SM 9223B	Absent	Pass

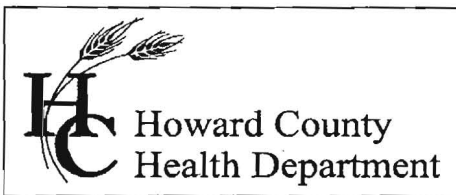
*Allison Milburn*

Allison R. Milburn  
 Manager-Drinking Water Testing

MCL=Maximum Contamination Level

\*SMCL=Secondary Maximum Contamination Level

\*\*\*A non-enforceable parameter that may cause cosmetic effects or aesthetic effects (such as taste, color or odor) in drinking water.



Bureau of Environmental Health  
7178 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

*Peter Beilenson, M.D., M.P.H., Health Officer*

January 29<sup>th</sup>, 2009

Homeowner  
12773 Lime Kiln Road  
Highland, MD 20777

*SENT VIA FACISILE 410-379-2430*

RE: Maple Woods, Lot 3  
12773 Lime Kiln Rd..  
BP # 08002095  
Well Tag: HO-95-1197

Dear Sirs:

This is to advise you that the septic system for the above referenced property has been installed and inspected. **Final approval of the septic system was granted on 12/19/2008. Final approval of the well line connection to the dwelling was approved on 1/28/2009.**

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. The water sample results were found to be in compliance with COMAR water quality standards.

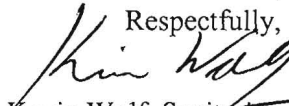
Enclosed with this certificate, is a copy of the septic permit and the as-built along with important information regarding the use and maintenance of your septic system. Please read through carefully and thoroughly. Any questions regarding your well and/or septic, please call this office for guidance 410-313-1771.

### **INTERIM CERTIFICATE OF POTABILITY**

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-95-1197. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies. Based upon satisfactory investigation and evaluation, the Howard County Health Department, as authorized by the Maryland Department of the Environment accepts this well system as required by COMAR 26.04.04.

This certificate may become final upon completion of the second bacteriological test, which is to be taken by the county health department within six months of receipt of this letter. **Please contact (410) 313-1773 to schedule a final water sample appointment. Currently, there is no charge for this final sampling.**

Date of Water Samples: 1/19/2009, 1/27/2009  
Date of Well Completion: 9/19/2007

Respectfully,  
  
Kevin Wolf, Sanitarian  
Well and Septic Program

cc: Building Inspectors Office  
Community Environmental Health  
File



TRACE LABORATORIES, INC
A Methode Electronics, Inc. Company
5 North Park Drive
Hunt Valley, MD 21030 USA
Telephone: 410/584-9099 / Fax: 410/584-9117
Website: www.tracelabs.com / Email: info@tracelabs.com

Maryland State Certified Laboratory # 318

CERTIFICATE OF ANALYSIS

Requester:
NV Homes, Inc
Attn: Buddy
6085 Marshalee Drive Suite 130
Elkridge, Maryland 21075

S/O Number: 71245
Report Date: January 27, 2009

Property Sampled: 12773 Lime Kiln Road, 20777

County: Howard
Subdivision: Maple Woods
Lot #: 3
Building Permit #: B08002095

Tax Map #: 40
Parcel #: 114

Date/Time Collected: January 27, 2009 at 12:50 pm
Date/Time Received: January 27, 2009 at 2:00 pm

Sample Location: Powder Room Tap
Sampler ID: 9813AM

Samples Iced: Yes
Residual Cl2 <0.1 mg/L: Yes

Well Tag Number: HO-95-1197
Well Condition: 2-Piece Cap
Satisfactory

Water Conditioning/Treatment: Neutralizer

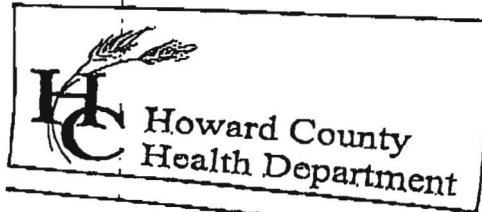
Table with 4 columns: PARAMETER, RESULT, METHOD, MCL. Row 1: Turbidity, 9.7 NTU, EPA 180.1, 10 NTU, Pass

Allison R. Milburn
Allison R. Milburn
Manager-Drinking Water Testing

MCL=Maximum Contamination Level







7178 Columbia Gateway Drive, Columbia, MD 21046  
 (410) 313-2640 Fax (410) 313-2640  
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 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:	LOTS	
<u>Lime Kiln Valley II</u>	<u>1-37</u>	<u>Lime Kiln Rd</u>
Subdivision/Property Name	Lot#	Road Name

The well site has been staked by Robert Vogle  
 (professional land surveyor or company employing professional land surveyors)  
 on \_\_\_\_\_ (date) and does not require a site inspection.

The well driller, builder or property owner will call the Health Department to schedule a time to meet in the field to verify the proposed well site location.

This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.

Revised 3/11/05

