

C1 15953 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.

COUNTY NUMBER

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED MM DD YY 09-18-06

Depth of Well 22 165 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-95-1674

OWNER FARBER Lou last name 13729 Nichols Dr. first name TOWN Highland Md. 20777 SUBDIVISION 13729 Nichols Dr. SECTION LOT 4/4

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 (Y) NO (N) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 28 NO. OF POUNDS 280 GALLONS OF WATER 168 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 60 ft.

CASING RECORD casing types insert appropriate code below (ST) STEEL (CO) CONCRETE (PL) PLASTIC (OT) OTHER MAIN CASING TYPE (PL) Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 65

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

SCREEN RECORD screen type or open hole (ST) STEEL (BR) BRASS (HO) OPEN HOLE (PL) PLASTIC (OT) OTHER DEPTH (nearest ft.) 70 63 165

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED (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 D 3117 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. D

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

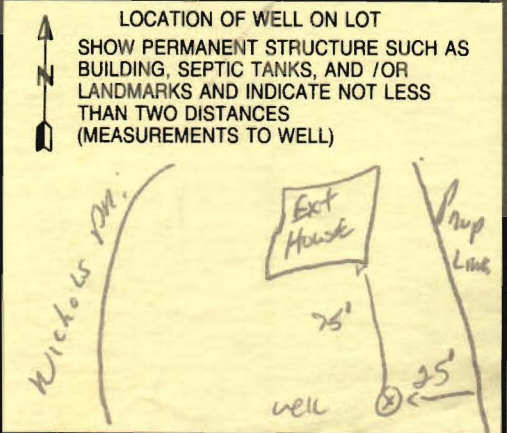
DEPTH (nearest ft.) 70 63 165 E A C H S R E E N SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60 from to

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 CASING LOG INDICATOR OTHER DATA

C 3 PUMPING TEST 3 HOURS PUMPED (nearest hour) 8 9 PUMPING RATE (gal. per min.) 6 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 4 ft. WHEN PUMPING 165 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 35 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)



B 1 0826  
1 2 3 6

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-95-1674  
70 fill in this form completely 79

529563 please type

Date Received (APA)

9/8/08

OWNER INFORMATION

8 MM DD YY 13  
15 Last Name Owner First Name 34  
36 Street or RFD 55  
57 Town 70 State 72 Zip 76  
FARBER  
ED LOU  
13729 NICHOLS DR.  
Highland Md.

B 3 LOCATION OF WELL

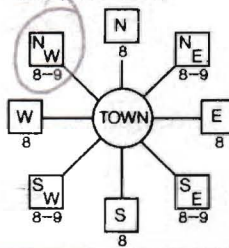
8 COUNTY 21  
23 SUBDIVISION 42  
SECTION 44 46 LOT 48 50  
52 NEAREST TOWN 71  
Howard  
1/4 13729 NICHOLS DR  
1/4  
HIGHLAND

MILES FROM TOWN (enter 0 if in town) 2 M I  
73 76 77 78

DRILLER INFORMATION

76 License No. 81  
Firm Name  
Address  
Signature Date  
Ralph E. MAYWE M SD 117  
Ralph E. MAYWE INC  
17024 Handy Rd Mt. Airy Md. 21771  
Ralph E. Maywe

B 4  
1 2  
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



11 NEAR WHAT ROAD 30  
-ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
34 200 37  
DISTANCE FROM ROAD ENTER FT OR MI 38 39  
TAX MAP: 34 BLK: 14 PARCEL 111  
NICHOLS DR.  
NORTH  
WEST EAST  
SOUTH

B 2 WELL INFORMATION  
1 2  
APPROX. PUMPING RATE (GAL. PER MIN.) 8 12  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20  
5  
500

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13  
COUNTY NAME COUNTY NO.  
STATE SIGNATURE INSERT S  
DATE ISSUED 9/8/2008  
43 MM DD YY 48  
CO SIGNATURE EXP. DATE  
NORTH GRID 498 000 EAST GRID 804 000  
50 55 57 63

APPROXIMATE DEPTH OF WELL 150 FEET  
24 28

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN  
30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)  
37 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 DEEPEMED AN EXISTING WELL
- PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

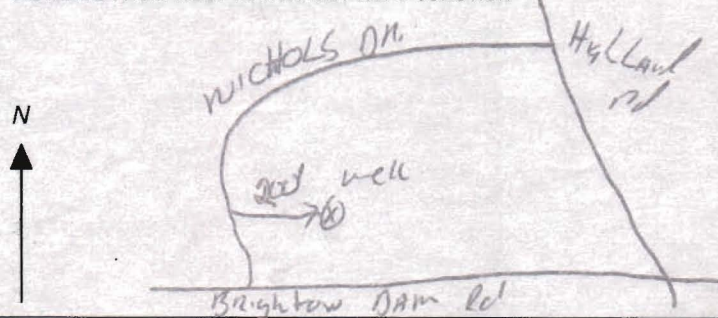
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER
- well
  - 
  -

WRITE THE BOX NUMBER FROM THE MAP HERE

E 804  
N 500498  
000  
000

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



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

APPROP. PERMIT NUMBER  
PERMIT No. HO-95-1674  
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -



9/8/08

(BB)

Keep With File

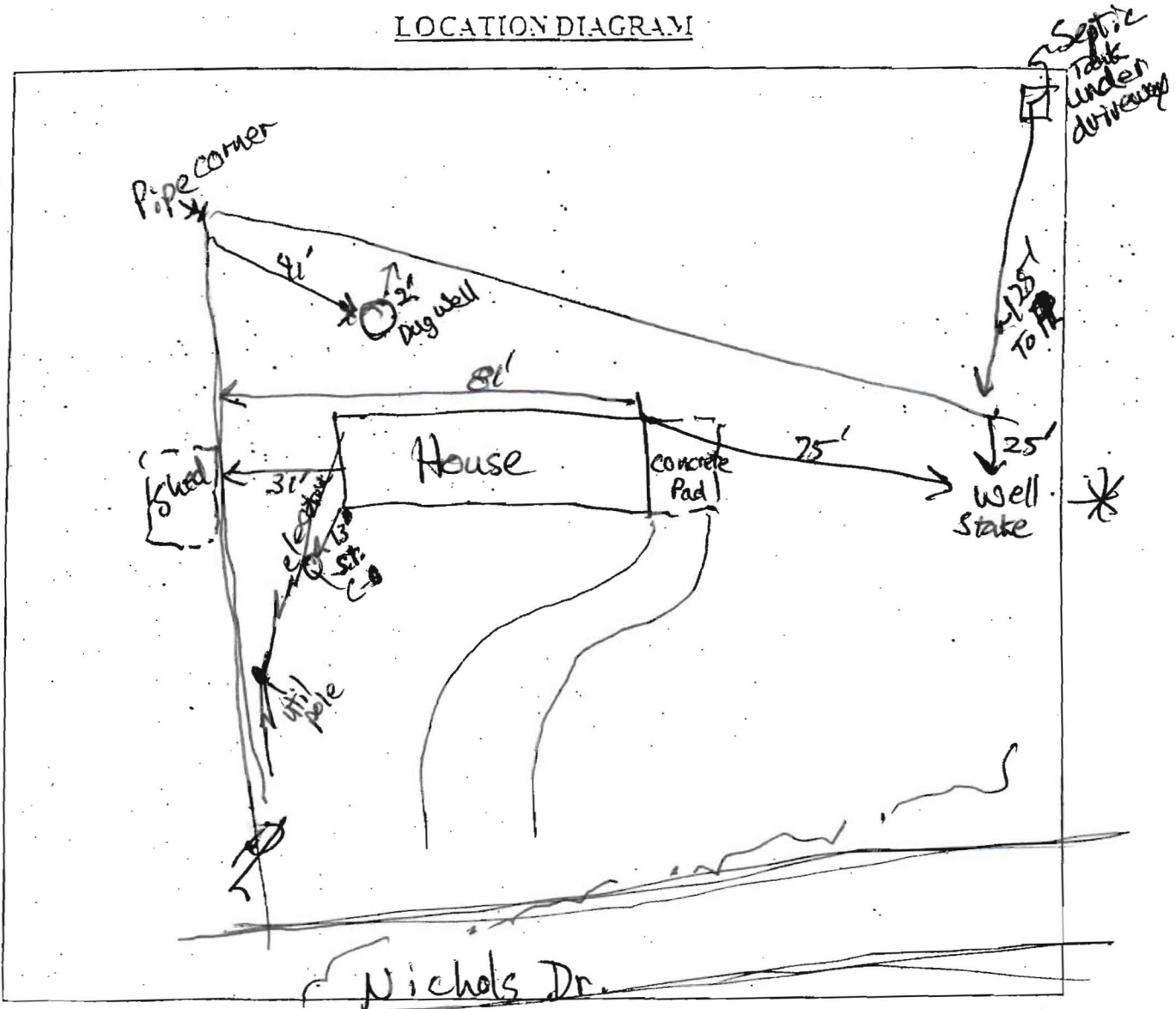


Robert Bricker  
9/12/08

SITE INSPECTION SHEET

OWNER: Louis Farber PHONE #: \_\_\_\_\_  
ADDRESS: 13729 Nichols Drive CONTRACTOR: \_\_\_\_\_  
SUBDIVISION: \_\_\_\_\_ LOT: \_\_\_\_\_ WELL TAG #: \_\_\_\_\_  
COUNTY #: \_\_\_\_\_  
PROPOSAL: Emergency Replacement Well location

LOCATION DIAGRAM



COMMENTS: An agreed location for Replacement Well is shown. Well in this location is to be grouted to 60' or end of casing whichever is more shallow.  
An alternative location is 75' further from the house in same direction.  
Robert Bricker

**SITE INSPECTION SHEET**

OWNER: Lou Farber PHONE #: \_\_\_\_\_

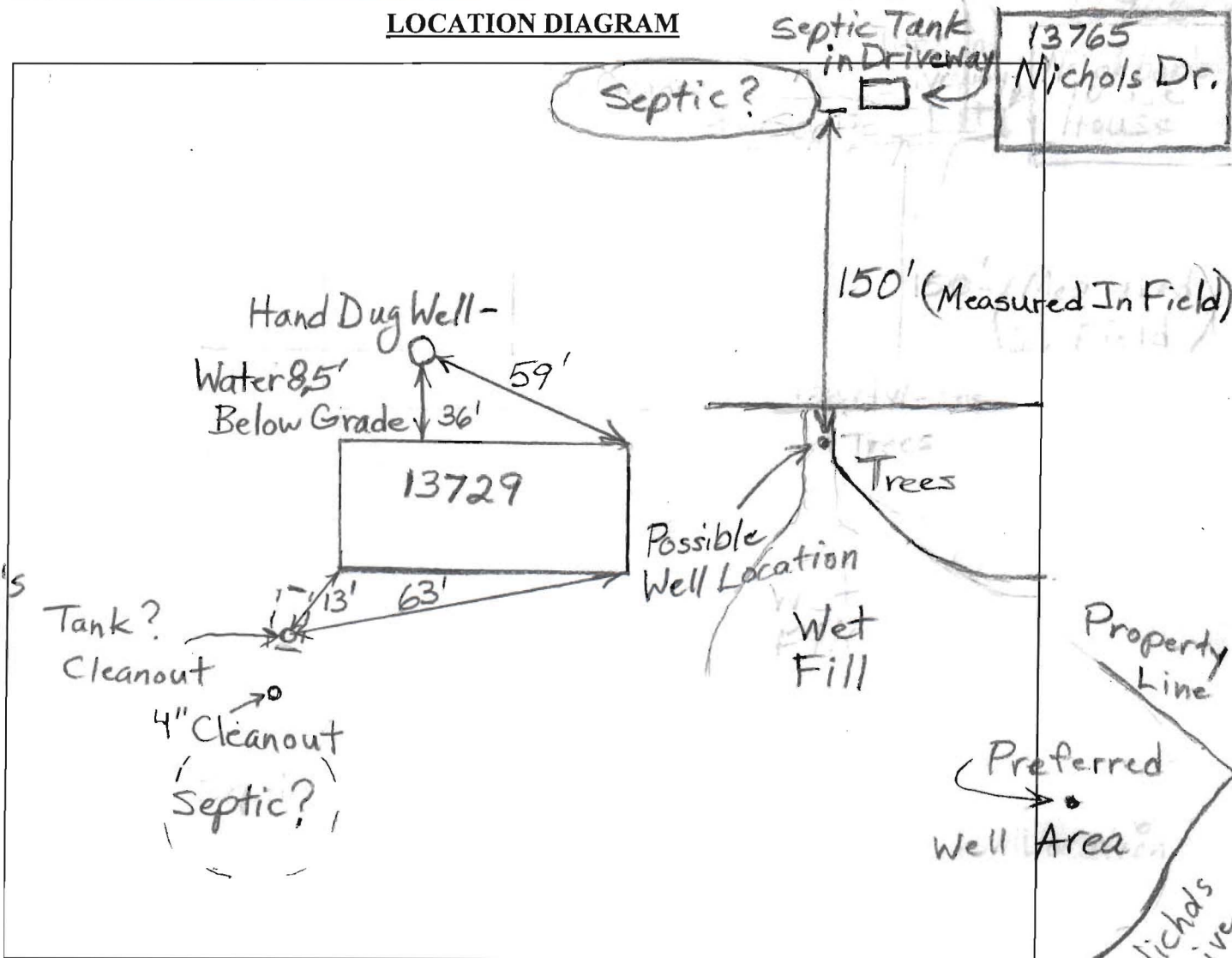
ADDRESS: 13729 Nichols Dr. CONTRACTOR: R. Mayne

WELL TAG #: HO-95-1674

SUBDIVISION: \_\_\_\_\_ LOT: \_\_\_\_\_ COUNTY #: \_\_\_\_\_

PROPOSAL: Water Level in Hand Dug Well Has Dropped to A Point Where It Is Almost Useless - Drill Well

**LOCATION DIAGRAM**



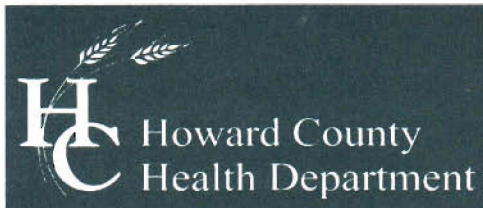
COMMENTS: Cannot get to preferred drilling location on parcel because of soft low lying ground. Recommend drilling as far from south side of house as possible and near property line. This will allow most septic

DATE: 9/8/08 INSPECTOR: B. Baker

repair area and well will only be downhill from one septic system. Well casing/grout should not be shallow.

## FILE INQUIRY NOTES

DATE	RESULTS OF REVIEW FOR FILE
9/12/08	13729 Nichols Drive
	Meeting of Louis Farber <sup>(owner)</sup> , Ralph Mayne (& Chip Mayne) and myself to finalize location of emergency Replacement Well.
	* Two locations were discussed: * A location 150' from the house was considered, (south of)
Robert Bunker	but strongly opposed by Mr. Farber, due to distance from the house and impact of reaching the location.
9/12/08	Mr. Mayne stated that he would need to have mats brought from Western Maryland in order to cross a low area.
	* Another location preferred by the owner (and considered earlier in the week by Brian Baker, Env. San.) is 75' south of the House. This location impacts potential area for a septic repair on the subject property, and it is more directly down gradient of the neighbor's (13725 Nichols) septic system ~150' away.
	Mr. Farber acknowledged that any future septic system repair would be costly and reducing the area may have the effect of making it more costly.
	I stated that a well located (75 feet south of the house) at this location would have to be grouted to the end of the casing or 60 feet, whichever is less.
	* This requirement was accepted by all. * There was no mention of abandoning the existing dug well, and I assume that issue was previously discussed.



Bureau of Environmental Health  
7178 Columbia Gateway Drive, Columbia, MD 21046-2147  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: [www.hchealth.org](http://www.hchealth.org)

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

October 6, 2008

Louis Farber (410) 370-3204  
13495 Triadelphia Road  
Ellicott City, MD 21042

RE: **Replacement Well**  
13729 Nichols Drive  
Permit #: HO-95-1674

Dear Mr. Farber:

Maryland Regulations (COMAR 26.04.04) require that all new wells that are drilled for potable usage must be sampled twice as a form of protection for Maryland residents. Please call the Community Health Program at (410) 313-1792 to schedule the collection of the initial water sample. **Currently there is no charge for the sampling.**

It is preferred that the sample be collected from an indoor faucet. If this is not possible, the sample may be taken from an outside hose bib. However, the potential for the collection of a failing water sample increases when samples are taken from sources exposed to the outside environment.

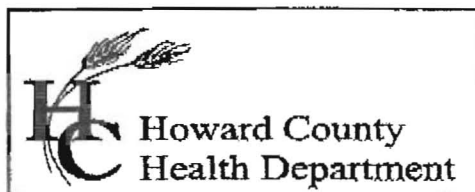
Additionally, the hand dug well that was previously used for the water supply must be abandoned and sealed. A licensed well driller must complete this process. Sealing of the well is done to protect the groundwater from contamination and also because hand dug wells are a possible safety issue in general. The driller will send us documentation when the well is sealed.

Respectfully,

A handwritten signature in cursive script that reads 'Brian Baker'.

Brian Baker, R.S.  
Well & Septic Program

cc: Community Services Program  
File



**Bureau of Environmental Health**  
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](http://www.hchealth.org)

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

September 26, 2007

Louis Farber  
13495 Triadelphia Road  
Ellicott City, MD 21042

Dear Mr. Farber:

On September 13, 2007, you completed a request to the Howard County Health Department for a Public Information Act for the address 13729 Nicholas Drive regarding a Well and Septic capacity. Inasmuch as your request was adhered to and finalized, the Howard County Health Department has produced 3 copies relevant to your request. There will not be a charge to you for this request. Enclosed you will find copies of your request.

Should you have further questions or concerns regarding this matter, feel free to contact me at (410) 313-4251.

Sincerely,



Willie J. Sims, III  
Bureau of Environmental Health

cc: Rhonda Moody  
File



# HOWARD COUNTY HEALTH DEPARTMENT

29563

DATE  
9 / 10 / 08

415

Received From

Louis Farber

PHONE #

13495 Triadelphia Rd E.C. MD 21042

For Well permit -

13729 Nichols Dr.

CASH

CHECK

NO.

2336

one hundred sixty dollars

Dollars

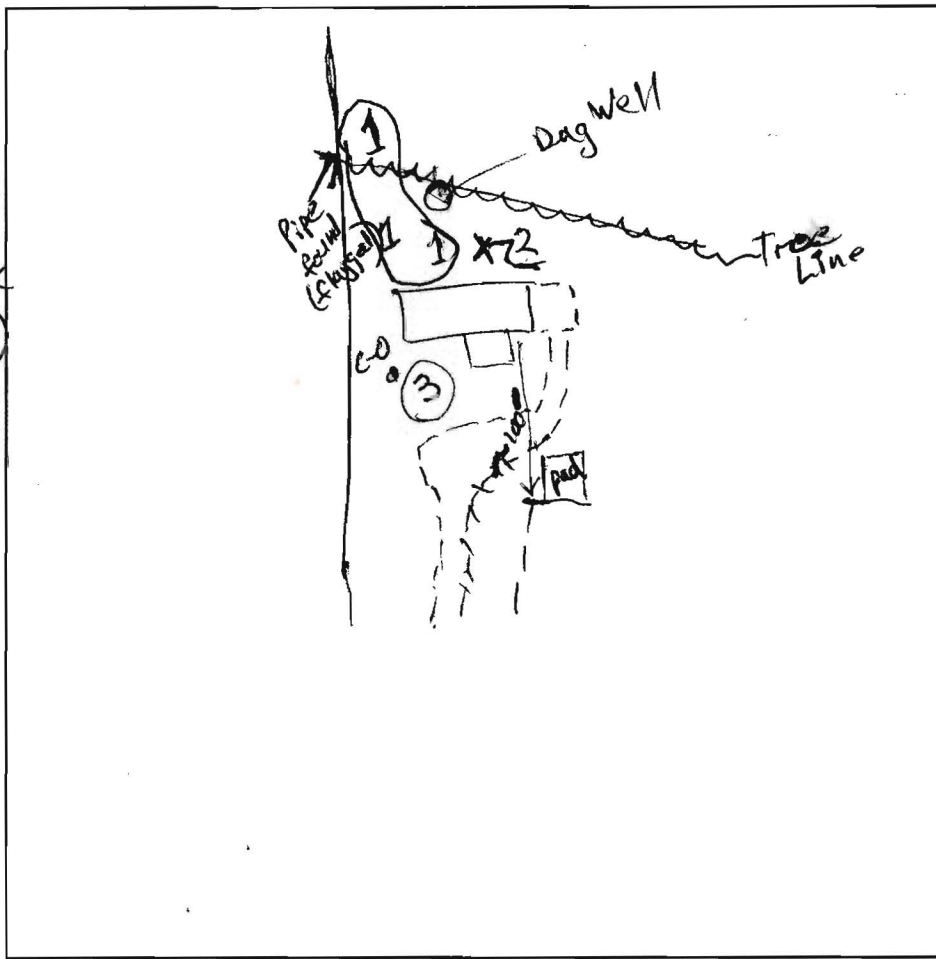
\$

160.00

Received By

William [Signature]

①  
 4" brn sl  
 yel brn sl  
 heavy, 1 fsbk  
 20" ~~rock~~ (gravel)  
 24" rock (c)



②  
 3" dk brn sl  
 lt. brn sl  
 heavy  
 1 fsbk  
 25" yel-brn sl  
 approx 0.6-0.8  
 load rate  
 32" R

③  
 3" dk brn sl  
 9" brn sl  
 brn sl  
 micaceous  
 16" grey brn  
 gr sl  
 micaceous  
 17" R

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H

REMARKS 9/10/08 attempts to identify suitability of soil  
 SANITARIAN RB / SA BACKHOE for wastewater by auger OTHERS \_\_\_\_\_  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_