

C1 5196		SEQUENCE NO. (DENV USE ONLY)		STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE		THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.	
1 2 3 4 5 6 7 8 (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		PERMIT NO.	
8 13		15 20		22 26 (TO NEAREST FOOT)		FROM "PERMIT TO DRILL WELL"	
OWNER		last name		first name		TOWN	
STREET OR RFD		SUBDIVISION		SECTION		LOT	
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) TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY NO. OF BAGS NO. OF POUNDS GALLONS OF WATER DEPTH OF GROUT SEAL (to nearest foot) from ft. to ft. (enter 0 if from surface)		C3 1 2 PUMPING TEST HOURS PUMPED (nearest hour) PUMPING RATE (gal. per min. to nearest gal.) METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING WHEN PUMPING TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible			
DESCRIPTION (Use additional sheets if needed)		FEET FROM TO		Check if water bearing			
Topsoil 0 1							
Clay 1 6							
Br. Mica 6 35							
Br. Mica / Quartz 35 44							
Br. Mica 44 49							
Tan. Mica 49 58							
Gray Mica 58 65							
Tan. Mica 65 88							
Gray Mica 88 108							
K. Mica 108 112							
Gray Mica 112 400							
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		OTHER CASING (if used) diameter inch. depth (feet) from to		SCREEN RECORD screen type or open hole Insert appropriate code below ST STEEL BR BRASS HO OPEN HOLE PL PLASTIC OT OTHER		PUMP INSTALLED DRILLER WILL INSTALL PUMP YES NO (CIRCLE) (YES or NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (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 PRE- SENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.		C2 1 2 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 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100		SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to		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)	
DRILLERS IDENT. NO.		GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68		OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 72 74 75 76			
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)		TELESCOPE CASING LOG INDICATOR		OTHER DATA			
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)							

B 1 U1306 SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND  
PERMIT TO DRILL WELL  
please print or type

STATE PERMIT NUMBER

H0-94-0085  
fill in this form completely

Date Received (APA)

11/19/93

## OWNER INFORMATION

15 Last Name 8 Owner 34 First Name  
 14450 TRIAD DELPHIA MILL  
 36 Street or RFD 55  
 1 DAYTON 57 Town 70 State 72 Zip 76 MD 21036

## DRILLER INFORMATION

George F. Easterday

Driller's Name

L. Franklin Easterday, Inc.

40 77 License No. 80

Firm Name

9265 Brown Church Rd., Mt. Airy, Md. 21771

Address

Signature

Date

## WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.)

5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)

500

## USE FOR WATER (CIRCLE APPROPRIATE BOX)

- ☒ D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
☐ F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
☐ I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  
☐ P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  
☐ T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

## METHOD OF DRILLING (circle one)

BORED (or Augered)

JETTED

Jetted &amp; 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  
☐ D THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

41

Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER

54 GAP 63

FORCE 25P WRITE INITIALS IN BOX

PERMIT No.

H0-94-0085

SPECIAL CONDITIONS

Note 6/14 Well 29' from well site as sketched - on lower side of lot  
 near property line corner of LOT #1.

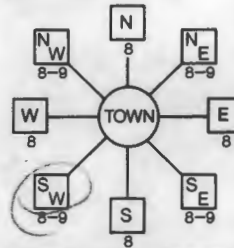
B 3

## LOCATION OF WELL

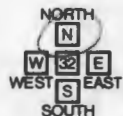
1 2  
 8 COUNTY 21  
 23 SUBDIVISION 42  
 SECTION 44 46 LOT 48 50  
 52 NEAREST TOWN 71  
 MILES FROM TOWN (enter 0 if in town) 2 MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

TRIDELPHIA MILL  
11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 1500 37  
DISTANCE FROM ROAD

ENTER FT or MI

FT

NOT TO BE FILLED IN BY DRILLER  
HEALTH DEPARTMENT APPROVALHoward  
COUNTY NAMEA48146B  
COUNTY NO.STATE  
SIGNATURE

INSERT S

DATE ISSUED

05/19/94

5/19/95

NORTH  
GRID

609000

EAST  
GRID

0795000

SHOW MAJOR FEATURES OF BOX &amp; LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

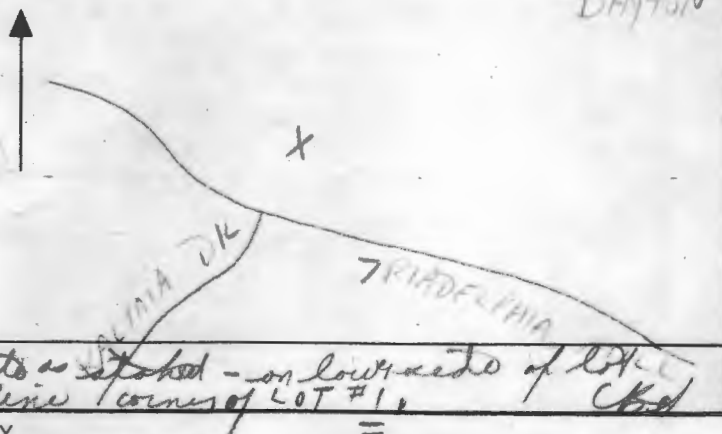
- well
- 
- 

WRITE THE BOX NUMBER FROM THE MAP HERE

E 7725  
 N 7089

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



COUNTY

age \_\_\_\_\_ of \_\_\_\_\_  
Date \_\_\_\_\_

Wed  
6-15-94  
8:00

Review

OK SRK

5/1/02

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-0088  
Location of property (road) Triadelphia Mill Rd  
Subdivision Humphries Property Lot 7B Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
Well Driller G. Easterday Owner Mark Darden

Depth of well 400 2 gpm  
Distance of measuring point (M.P.) above ground 1  
Static water level (S.W.L.) below M.P. 12'

I. High rate pumping -- reservoir drawdown

Time pump started 8:00 Pumping rate 12 G.P.M.  
Total time 30 MIN to reach pumping water level 151 ft. below M.P.

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

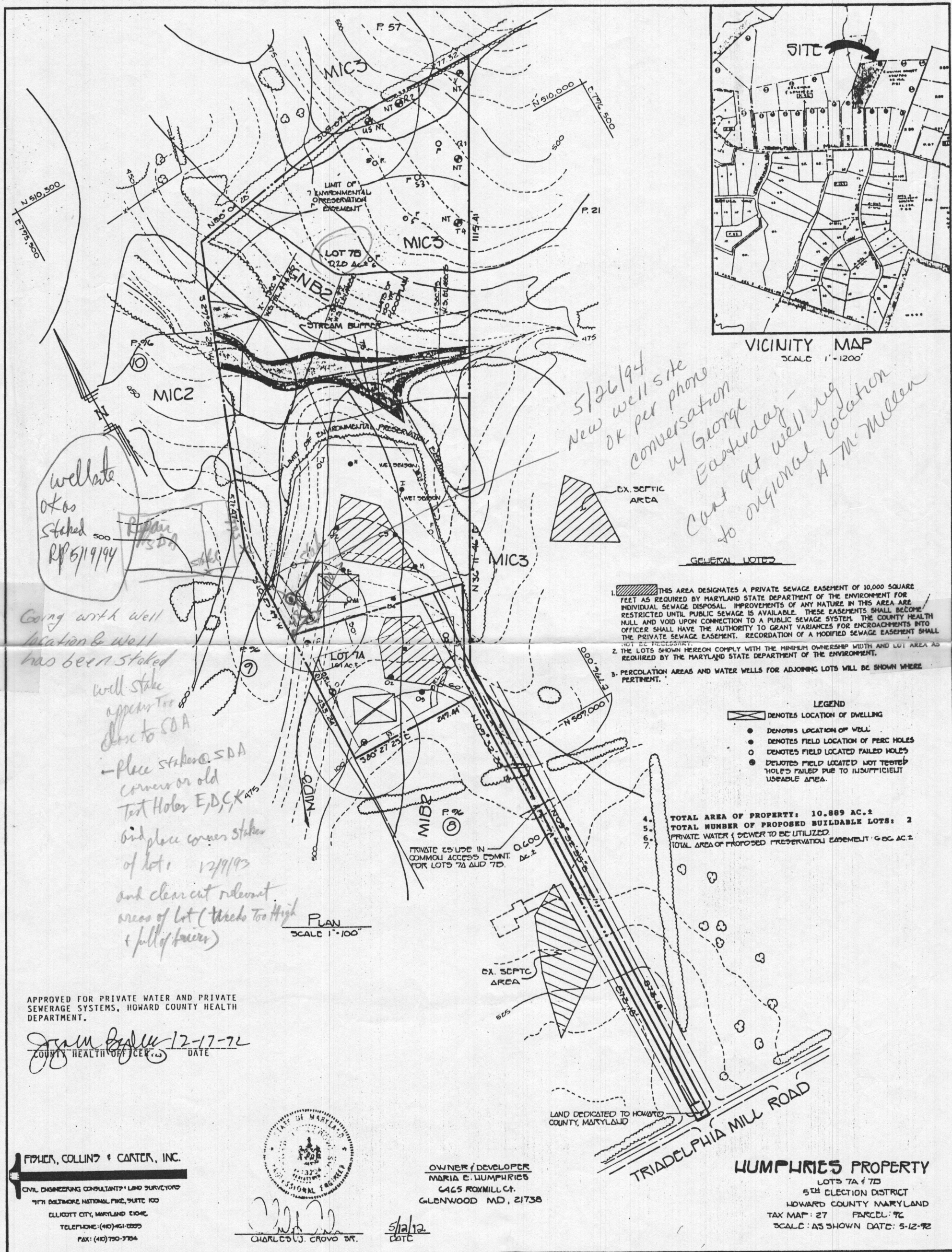
TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:30	151	60 sec.	Pump setting 380	1 G.P.M.
8:45	151	60 "	Leed Holland	1 "
9:00	151	60 "		1 "
9:15	151	60 "		1 "
9:30	151	60 "		1 "
9:45	151	60 "		1 "
10:00	151	60 "		1 "
10:15	151	60 "		1 "
10:30	151	60 "		1 "
10:45	151	60 "		1 "
11:00	151	60 "		1 "
11:15	151	60 "		1 "
11:30	151	60 "		1 "
11:45	151	60 "		1 "
12:00	151	60 "		1 "
12:15	151	60 "		1 "
12:30	151	60 "		1 "
12:45	151	60 "		1 "
1:00	151	60 "		1 "
1:15	151	60 "		1 "
1:30	151	60 "		1 "
1:45	151	60 "		1 "
2:00	151	60 "		1 "
2:15	151	60 "		1 "
HD-224 720	151	60 "		1 "







(owner) Mark Darden (Sr Not Sr)  
 (w) 760-6099 I got house to wife on  
 (h) 531-6089 taking SDA + lot corner  
 + moving area nearby these



5/26/94  
 New well site  
 OK per phone  
 conversation  
 w/ George  
 Eastday -  
 Cant get welling  
 to original location  
 A.M. Miller

well site  
 OK as  
 staked  
 RP 6/19/94

Going with well  
 location & well  
 has been staked  
 well stake  
 appears too  
 close to SDA  
 - place stakes @ SDA  
 corner or old  
 Test Holes E, D, C, K  
 and place corner stakes  
 of lot 12/9/93  
 and clear cut adjacent  
 areas of lot (trees too high  
 + full of brush)

1. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF 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 VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

2. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.

3. PERCOLATION AREAS AND WATER WELLS FOR ADJOINING LOTS WILL BE SHOWN WHERE PERTINENT.

- LEGEND**
- ⊗ DENOTES LOCATION OF DWELLING
  - DENOTES LOCATION OF WELL
  - DENOTES FIELD LOCATION OF PERC HOLES
  - DENOTES FIELD LOCATED FAILED HOLES
  - DENOTES FIELD LOCATED NOT TESTED HOLES FAILED DUE TO INSUFFICIENT USABLE AREA.

4. TOTAL AREA OF PROPERTY: 10.889 AC.±  
 5. TOTAL NUMBER OF PROPOSED BUILDABLE LOTS: 2  
 6. PRIVATE WATER (SEWER) TO BE UTILIZED  
 7. TOTAL AREA OF PROPOSED PRESERVATION EASEMENT: 6.66 AC.±

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
 [Signature] 12-17-72  
 COUNTY HEALTH OFFICER DATE

FISHER, COLLINS & CARTER, INC.  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 7171 BALTIMORE NATIONAL PIKE, SUITE 100  
 CLICOTT CITY, MARYLAND 21046  
 TELEPHONE: (410) 461-0555  
 FAX: (410) 750-7704

[Seal]  
 CHARLES J. CROVO JR.  
 5/12/92  
 DATE

OWNER / DEVELOPER  
 MARIA E. HUMPHRIES  
 6465 ROXBILL CT.  
 GLENWOOD MD, 21738

**HUMPHRIES PROPERTY**  
 LOTS 7A & 7B  
 5TH ELECTION DISTRICT  
 HOWARD COUNTY MARYLAND  
 TAX MAP: 27 PARCEL: 7C  
 SCALE: AS SHOWN DATE: 5-12-92



---

## HOWARD COUNTY HEALTH DEPARTMENT

---

Joyce M. Boyd, M.D., County Health Officer

January 13, 1994

Mark Darden  
14450 Triadelphia Mill Rd.  
Dayton, MD 21036

RE: Well Permit Application  
Humphries Property - Lot 7B  
Triadelphia Mill Rd.  
Driller: George Easterday

*will check to staked  
5/19/94 RP*

Dear Mr. Darden:

The above referenced well drilling application cannot be processed at this time because: *the proposed well site as staked may be too close to the approved sewage disposal area on this lot and/or a neighboring property. Please have the corners of your SDA staked and have the tall weeds in that area of your lot mowed to provide assessability and to facilitate identification of the original perc test holes.*

Please contact this office to resolve this matter so we may complete the review of your application. Thank you.

Very truly yours,

Ron Pinkley, RS  
Water and Sewerage Program

RP:dc

cc: File



# CASSELL TESTING, INC.

ENVIRONMENTAL SAMPLING AND TESTING  
10940 BEAVER DAM ROAD, HUNT VALLEY, MD 21030-2211  
(410) 252-7742

REPORT DATE: May 13, 2003

County Howard

Lab Number 03-1998

Sample iced Yes

Residual Cl<sub>2</sub> <0.1 mg/L Yes

cc: County Health Dept. Yes

## CERTIFICATE OF ANALYSIS

Maryland State Certified Water Quality

Laboratory No. 115

REQUESTER: Patapsco Homes  
Attn: Jennie  
13898 Forsyth Road  
Sykesville, Maryland 21784

Property Sampled: U&O: 14456 Triadelphia Mill Road

Station Sampled: 1st floor Bathroom tap

Date/Time Sampled: May 12, 2003 12:55 pm

Owner, Telephone No.: Dardin

Subdivision Name:

Building Permit No.: B00135254

Well Number: HD-94-0085

Tax Map #:

Parcel:

Sampler: 6724GP

Lot Number:

Observation: 2-Piece Cap  
Satisfactory

### RESULTS OF ANALYSIS:

PARAMETER	RESULT	METHOD	*MCL/**SMCL	
Nitrate	2.1 mg/L as N	SM 4500D	*10 mg/L as N	Pass
Turbidity	5.9 NTU	EPA 180.1	*10 NTU	Pass
pH	6.9 Units	EPA 150.1	**6.5-8.5 Units	***
Sand	Negative		Negative	
Total Coliform	PRESENT	SM 9223B	*Absent	UNSAFE
E. coli (18 Hour Test)	Absent			

Treatment/Conditioning: None

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

*Heather R. Beam*

Heather R. Beam

\*MCL = Maximum Contamination Level

\*\*SMCL = Secondary Maximum Contamination Level

# CASSELL TESTING, INC.

ENVIRONMENTAL SAMPLING AND TESTING  
10940 BEAVER DAM ROAD, HUNT VALLEY, MD 21030-2211  
(410) 252-7742

REPORT DATE: Jul 2, 2003

County Howard

Lab Number 03-3891

## CERTIFICATE OF ANALYSIS

Maryland State Certified Water Quality

Laboratory No. 115

REQUESTER: Patapsco Homes  
Attn: Jennie  
13898 Forsyth Road  
Sykesville, Maryland 21784

Sample iced Yes

Residual Cl<sub>2</sub> <0.1 mg/L Yes

cc: County Health Dept. Yes

Property Sampled: U&O: 14456 Triadelphia Mill Road, retetst #1

Station Sampled: 1st floor Bathroom tap

Tax Map #:

Date/Time Sampled: Jul 1, 2003 12:45 pm

Parcel #:

Owner, Telephone No.: Dardin

Sampler: 5226SB

Subdivision Name:

Lot Number:

Building Permit No.: B00135254

Well Number: HD-94-0085

Observation: 2-Piece Cap  
Cap tight  
4 bolts loose

## RESULTS OF ANALYSIS:

PARAMETER	RESULT	METHOD	*MCL/**SMCL
Total Coliform	PRESENT	SM 9223B	*Absent
E. coli	Absent		
(18 Hour Test)			UNSAFE

Treatment/Conditioning: None

*Sharon K. Cassell*

Sharon K. Cassell

\*MCL = Maximum Contamination Level

\*\*SMCL = Secondary Maximum Contamination Level



# CASELL TESTING, INC.

ENVIRONMENTAL SAMPLING AND TESTING  
10940 BEAVER DAM ROAD, HUNT VALLEY, MD 21030-2211  
(410) 252-7742

## CERTIFICATE OF ANALYSIS

Maryland State Certified Water Quality  
Laboratory No. 115

REQUESTER: Patapsco Homes  
Attn: Jennie  
13898 Forsyth Road  
Sykesville, Maryland 21784

REPORT DATE: Aug 20, 2003

County Howard

Lab Number 03-4907

Sample iced Yes

Residual  $Cl_2$  <0.1 mg/L Yes

cc: County Health Dept. Yes

Property Sampled: U&O: 14456 Triadelphia Mill Road, retest #2

Station Sampled: 1st floor Bathroom tap

Tax Map #:

Date/Time Sampled: Aug 19, 2003 10:55 am

Parcel #:

Owner, Telephone No.: Darden

Sampler: 6724GP

Subdivision Name:

Lot Number:

Building Permit No.: B00135254

Well Number: HQ-94-0085

Observation: 2-Piece Cap  
Satisfactory

### RESULTS OF ANALYSIS:

PARAMETER	RESULT	METHOD	*MCL/**SMCL	
Total Coliform	PRESENT	SM 9223B	*Absent	UNSAFE
E. coli	Absent			
(18 Hour Test)				

Treatment/Conditioning: None

*Heather R. Beam*

Heather R. Beam

\*MCL = Maximum Contamination Level

\*\*SMCL = Secondary Maximum Contamination Level

**CASSELL TESTING, INC.**

ENVIRONMENTAL SAMPLING AND TESTING  
10940 BEAVER DAM ROAD, HUNT VALLEY, MD 21030-2211  
(410) 252-7742

REPORT DATE: Aug 20, 2003

County Howard

Lab Number 03-4907

Sample Iced Yes

Residual Cl<sub>2</sub> <0.1 mg/L Yes

cc: County Health Dept. Yes

**CERTIFICATE OF ANALYSIS**

Maryland State Certified Water Quality  
Laboratory No. 115

REQUESTER: Patapsco Homes  
Attn: Jennie  
13898 Forsyth Road  
Sykesville, Maryland 21784

Property Sampled: U&amp;O: 14456 Triadelphia Mill Road, retest #2

Station Sampled: 1st floor Bathroom tap

Tax Map #:

Date/Time Sampled: Aug 19, 2003 10:55 am

Parcel #:

Owner, Telephone No.: Darden

Sampler: 6724GP

Subdivision Name:

Lot Number:

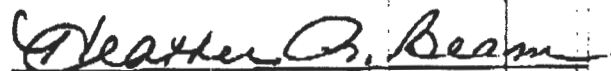
Building Permit No.: B00135254

Well Number: HO-94-00B5

Observation: 2-Piece Cap  
Satisfactory**RESULTS OF ANALYSIS:**

PARAMETER	RESULT	METHOD	*MCL/**SMCL	
Total Coliform	PRESENT	SM 9223B	*Absent	UNSAFE
E. coli	Absent			
(18 Hour Test)				

Treatment/Conditioning: None



Heather R. Beam

\*MCL = Maximum Contamination Level

\*\*SMCL = Secondary Maximum Contamination Level