

C1 3803

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A518555

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

ST/CO USE ONLY

DATE Received MM DD YY 8 13

DATE WELL COMPLETED MM DD YY 10/23/04 15 20

Depth of Well 22 250 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-94-4024

OWNER: Maxine Randolph last name first name
STREET OR RFD: 4401 Jennings Church Rd TOWN: Crowned
SUBDIVISION: Search Prop SECTION: 21/13/14 LOT: 1

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

Geo-Thermal
30 W 8:03
30 W 10:30

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N
TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC
NO. OF BAGS 28 NO. OF POUNDS 7900
GALLONS OF WATER 700
DEPTH OF GROUT SEAL (to nearest foot) from 48 TOP 52 ft. to 54 BOTTOM 58 ft.

CASING RECORD

MAIN CASING TYPE: ST STEEL, CO CONCRETE, PL PLASTIC, OT OTHER
Nominal diameter top (main) casing (nearest inch): 60 61, 63 64, 66, 70
Total depth of main casing (nearest foot): 66, 70

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.): 1 2, 8 9 11 15 17 21, 23 24 26 30 32 36, 38 39 41 45 47 51

DIAMETER OF SCREEN (NEAREST INCH) 56 60
from to

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 08 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) 8 9
PUMPING RATE (gal. per min.) 11 15
METHOD USED TO MEASURE PUMPING RATE
WATER LEVEL (distance from land surface) BEFORE PUMPING 17 20 ft. WHEN PUMPING 22 25 ft.
TYPE OF PUMP USED (for test) A air, P piston, T turbine, C centrifugal, R rotary, O other, J jet, S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP YES NO
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 (nearest foot) 49 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)



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 MSD 170 1
DRILLERS SIGNATURE: Gary W. Steff

LIC. NO. 1 AW D 816 1
DRILLERS SIGNATURE: Robert J. Miller

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

B 1 7769

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO - 94 - 4024

520863 please print or type

fill in this form completely

Date Received (APA)

OWNER INFORMATION

MARRINEIL E. RANDOLPH
4401 JENNING CHAPEL RD.
BROOKVILLE MD. 20833

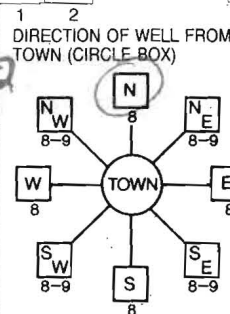
B 3 HOWARD LOCATION OF WELL

8 COUNTY 21
SPECHT PROPERTY
SECTION 31 LOT 1
BROOKVILLE
MILES FROM TOWN 5

DRILLER INFORMATION

Gary Shaft MS D 170
H2H Drilling
12844 St Paul Rd. 21722
Gary W Shaft 8/24/04

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



JENNINGS CHAPEL
NEAR WHAT ROAD
ON WHICH SIDE OF ROAD
3 1/4 MI.
TAX MAP: 21 BLK: 13 PARCEL 14

WELL INFORMATION
APPROX. PUMPING RATE N/A
AVERAGE DAILY QUANTITY NEEDED N/A

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 CLOSED LOOP

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard AS18555
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 9/9/04 CO SIGNATURE 9/9/05
NORTH GRID 518 000 EAST GRID 783 000

APPROXIMATE DEPTH OF WELL 250 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

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

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)

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

APPROX. PERMIT NUMBER 54 GAP 63
PERMIT No. HO - 94 - 4024

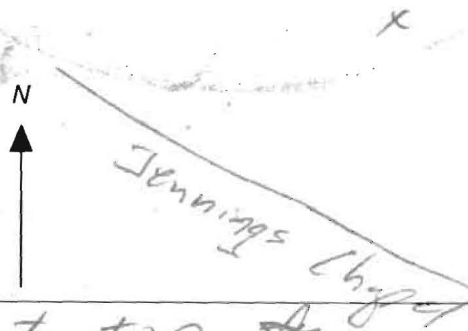
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

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

WRITE THE BOX NUMBER FROM THE MAP HERE

E 783
N 518

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



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

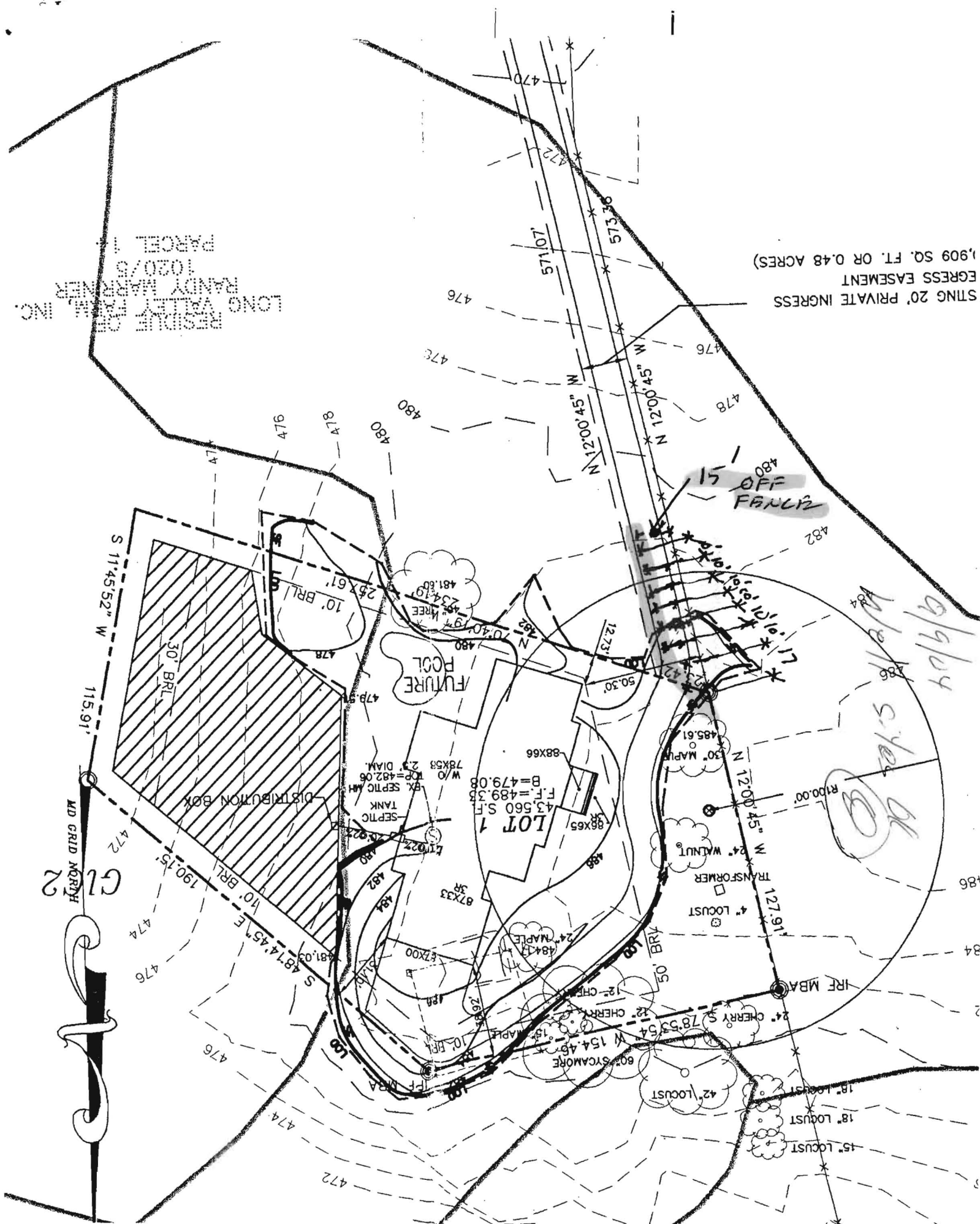
Grant from bottom to top

RESIDUE OF
LONG VALLEY FARM, INC.
RANDY HARRNER
1020/8
PARCEL 1

STING 20' PRIVATE INGRESS
EGRESS EASEMENT
1,909 SQ. FT. OR 0.48 ACRES

15' OFF
FENCE

9/9/04
Belle Star
R100.00'



MD GRID NORTH
G12

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 #:	58452	Account #:	7736
Reference:	Randy Marriner	Company:	CASH ACCOUNT
Location:	4401 Jennings Chapel Road Brookeville, MD 20833	Requested By:	Randy Marriner
Date/ Time Collected:	3/13/2006 1230	Source:	Well Water
Date/Time Rec'd:	3/13/2006 1407	Site:	Pressure tank
Chlorine ppm:	Free: ND Total: ND	Treatment:	Sediment Filter**
Collected By:	J. Yeager 6176JY	pH:	6.4
		Well #:	HO-94-1697

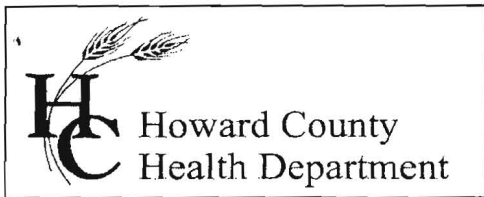
PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYS
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223 B.	3/14/2006 / 0855 / AMD/CW
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223 B.	3/14/2006 / 0855 / AMD/CW
Nitrate	5.98	mg/L	10	601	3/13/2006 / 1450 / BCD
Sand	NS	mg/L	5	Visual/Gravimetric	3/13/2006 / 1505 / AMD/BCD
Turbidity	0.80	NTU	<10	SM18 2130B	3/13/2006 / 1505 / AMD/BCD

NOTES

- 1 **Sample collected prior to treatment
- 2 mg/L = milligrams per liter (also, parts per million)
- 3 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 4 NS = None Seen (NS indicates less than 5 mg/L)
- 5 NTU = Nephelometric Turbidity Units
- 6 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 7 ND:None Detected
- 8 Visual well check: Sealed, vented cap
- 9 pH tested on-site

Reason for Test : Use & Occupancy
 Building Permit # : B00148419

Date Reported: 3/14/2006



7178 Columbia Gateway Drive, Columbia Maryland 21046
(410) 313-1771 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

March 14, 2006

E. Randolph Marriner
3700 Cattail Greens Court
Glenwood, MD 21738

RE: Specht Property, Lot 1
4401 Jennings Chapel Road
Brookeville, MD 20833
BP #: B00148419
Well Permit # HO-94-1697

Dear Sir:

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 10/01/2004. Final approval of the well line connection to the dwelling was approved on 08/11/2000.**

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.

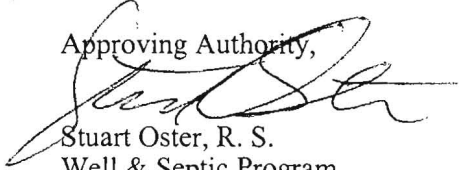
INTERIM CERTIFICATE OF POTABILITY

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-94-1697. 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.**

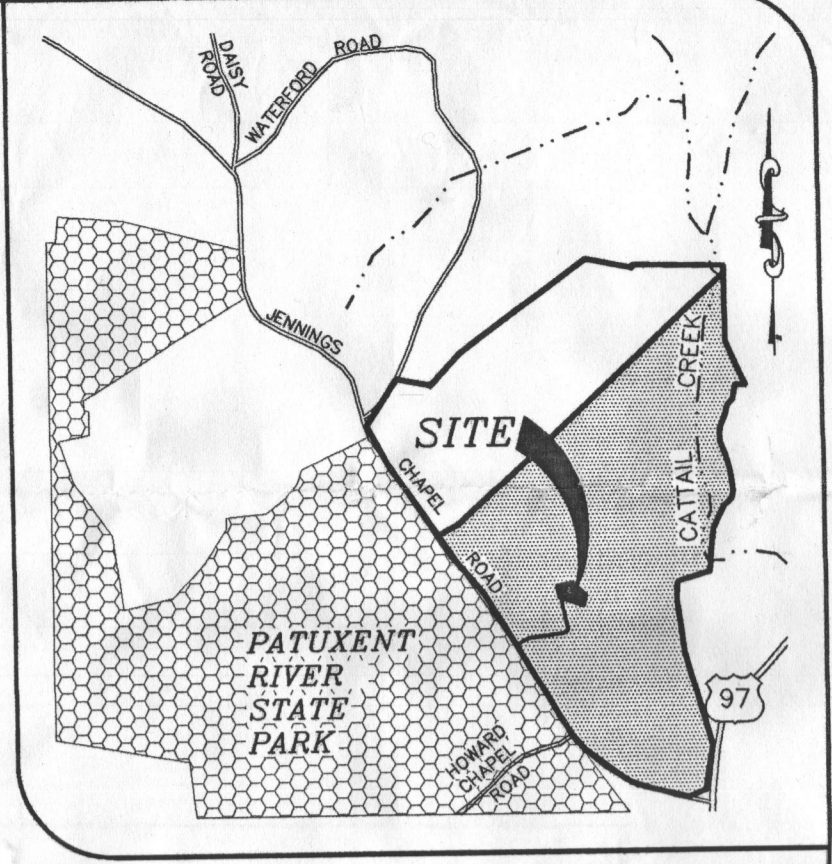
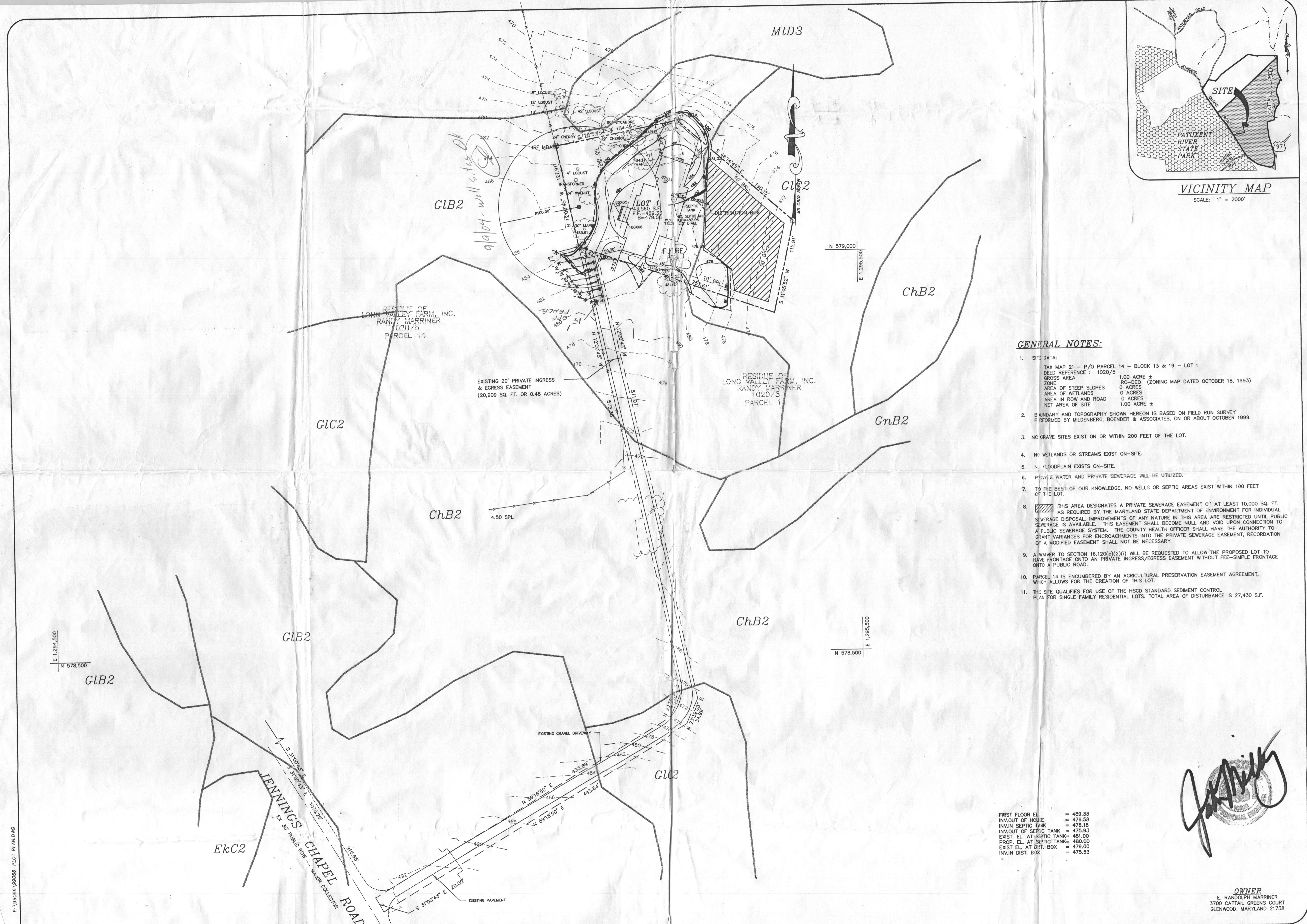
Date of Water Samples: 03/13/2006
Date of Well Completion: 10/13/1998

Approving Authority,


Stuart Oster, R. S.
Well & Septic Program

cc: Building Inspector's Office
Community Health Services
File

from letter



VICINITY MAP
SCALE: 1" = 2000'

GENERAL NOTES:

- SITE DATA:
TAX MAP 21 - P/O PARCEL 14 - BLOCK 13 & 19 - LOT 1
DEED REFERENCE: 1020/5
GROSS AREA: 1.00 ACRE ±
ZONE: RC-DEO (ZONING MAP DATED OCTOBER 18, 1993)
AREA OF STEEP SLOPES: 0 ACRES
AREA OF WETLANDS: 0 ACRES
AREA IN ROW AND ROAD: 0 ACRES
NET AREA OF SITE: 1.00 ACRE ±
- BOUNDARY AND TOPOGRAPHY SHOWN HEREON IS BASED ON FIELD RUN SURVEY PERFORMED BY MILDENBERG, BOENDER & ASSOCIATES, ON OR ABOUT OCTOBER 1999.
- NO GRAVE SITES EXIST ON OR WITHIN 200 FEET OF THE LOT.
- NO WETLANDS OR STREAMS EXIST ON-SITE.
- NO FLOODPLAIN EXISTS ON-SITE.
- PRIVATE WATER AND PRIVATE SEWERAGE WILL BE UTILIZED.
- TO THE BEST OF OUR KNOWLEDGE, NO WELLS OR SEPTIC AREAS EXIST WITHIN 100 FEET OF THE LOT.
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
- A WAIVER TO SECTION 16.120(c)(2)(i) WILL BE REQUESTED TO ALLOW THE PROPOSED LOT TO HAVE FRONTAGE ONTO AN PRIVATE INGRESS/EGRESS EASEMENT WITHOUT FEE-SIMPLE FRONTAGE ONTO A PUBLIC ROAD.
- PARCEL 14 IS ENCUMBERED BY AN AGRICULTURAL PRESERVATION EASEMENT AGREEMENT, WHICH ALLOWS FOR THE CREATION OF THIS LOT.
- THE SITE QUALIFIES FOR USE OF THE HSD STANDARD SEDIMENT CONTROL PLAN FOR SINGLE FAMILY RESIDENTIAL LOTS. TOTAL AREA OF DISTURBANCE IS 27,430 S.F.

FIRST FLOOR EL	= 489.33
INV. OUT OF HOUSE	= 476.58
INV. IN SEPTIC TANK	= 476.18
INV. OUT OF SEPTIC TANK	= 475.93
EXIST. EL. AT SEPTIC TANK	= 481.00
PROP. EL. AT SEPTIC TANK	= 480.00
EXIST. EL. AT DIST. BOX	= 478.00
INV. IN DIST. BOX	= 475.53

John Milberg
Professional Engineer
MILDENBERG, BOENDER & ASSOC., INC.

OWNER
E. RANDOLPH MARRINER
3700 CATTAIL GREENS COURT
GLENWOOD, MARYLAND 21738

date	MAY 2004
project	99066
illustration	HSP
scale	1" = 50'
approval	HSP
engineering	HSP

no.	
description	
revisions	
date	

SPECHT PROPERTY
LOT 1
TAX MAP 21 - PARCEL 14 - BLOCKS 13 & 19
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLOT PLAN

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
(410) 997-0296 Fax. (301) 621-5521 Wash.