



Howard County
Health Department

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) 7/13/04 TEST TIME 9:00 AD 520433
 AGENCY REVIEW: Repl dwelling on ex parcel of record DATE 6/21/2004
Lpre-1972 10K not reg'd

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH _____ PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) ERIC R. DUBOIS

DAYTIME PHONE 410-203-1679 CELL _____ FAX _____

MAILING ADDRESS 4701 WIGGLESWORTH CT. ELLICOTT CITY MD 21043
STREET CITY/TOWN STATE ZIP

APPLICANT ROBERT H. VOGEL ENGINEERING, INC

DAYTIME PHONE 410-461-7600 CELL _____ FAX 410-461-8901

MAILING ADDRESS 8407 MAIN STREET ELLICOTT CITY MD 21043
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
 SUBDIVISION/PROPERTY NAME MINK HOLLOW ROAD LOT NO. ~~0000~~

PROPERTY ADDRESS 7375 MINK HOLLOW ROAD
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 40 GRID 7 PARCEL(S) 23 PROPOSED LOT SIZE 3.2AC

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

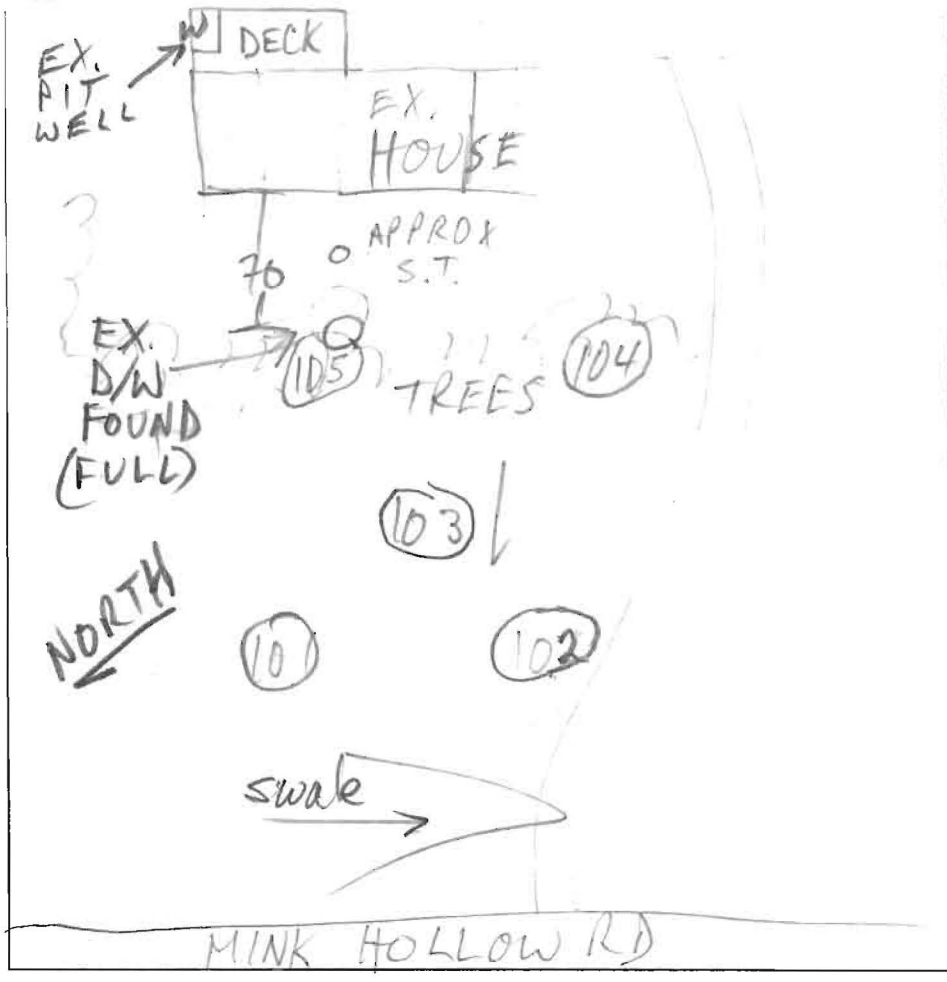
TEST RESULTS WILL BE MAILED TO APPLICANT. [Signature]
 SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
 3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
 TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

105
 brn hvy lm
 3
 brn sa lm
 10% frags
 1/2
 20-25% Frags
 10
 tan gray sand
 10% frags
 13

104
 orange brn hvy lm
 2
 brn sa lm
 10-15% Rx
 6
 brn sand
 20-25% Rx
 9
 brn sand
 10-20% Rx
 14

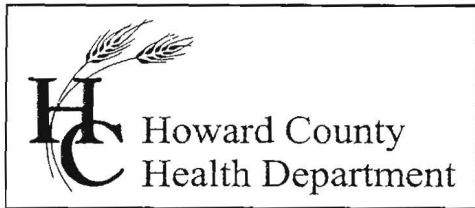
103
 brn hvy lm
 3
 brn tan mica sand
 10-15% Rx
 1/2
 25% Rx
 1/2
 HARD



102
 orange brn hvy sa lm
 4 1/2
 tan gray sand
 10-15% Frags
 13
 14 35% HARD Rx
 101
 NO DEFINABLE "CLAY" LAYER
 brn sa lm 10% Frags
 5
 tan gray sand
 25% Rx / 35% Rx
 11
 12 1/2
 10% Frags

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
7/13/04	105 S	3 1/2 / 13	9:50:00	9:55	10:05	10	
	104	3 1/2 / 14	10:09 / 10:13:40	10:11 / 10:15:10	10:12 / 10:17:15	~90 sec / 2 min	
	103 v	12 1/2					
	102 v	3'9" / 14	10:35	10:43	11:12	29	
	101 S	4 / 12 1/2	0:36:40 / 10:40:45	10:43	10:46	90 sec / 3	
	104 M	8	10:57:15	11:00:50	11:03:30	2 1/2	
	101 M	8 1/2	11:20:50	11:22:30	11:25:30	3	

REMARKS
 SANITARIAN M. Ripkin BACKHOE D. Feaga OTHERS owner's son
 TEST HOLES USED IN SDA ALL AVG. PERC TIME 8 SQ. FT/BR 180
 TRENCH WIDTH 3 INLET DEPTH 2 1/2 MAX. BOT DEPTH 4 1/2 EFFECTIVE SW 2 ±
 REPAIRS 3 5



3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(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

July 20, 2004

Robert Vogel Engineering
8407 Main Street
Ellicott City, MD 21043

RE: Percolation Test Results – A 520433
Dubois Property
7375 Mink Hollow Road, TM 40, Parcel 23
SDA for replacement dwelling

Dear Mr. Vogel:

Percolation testing conducted July 13, 2004 on the referenced property indicated generally satisfactory soil conditions, although some coarse sand and fractured rock was found in some test holes. Copies of the test results are enclosed.

Further review is contingent upon submission by a registered engineer/surveyor of a percolation certification plan showing the following:

- 1) actual locations of all excavated test holes with field-verified topography
- 2) the existing house, well and septic system, with a schedule for demolition/abandonment related to issuance of Use and Occupancy permit for replacement dwelling; if the existing well is proposed to remain for non-potable use, please state such
- 3) proposed sewage reserve area at least ten feet from the existing drywell
- 4) proposed house and well site
- 5) certification that all existing wells and septic systems within 100 feet of property lines are shown
- 6) a note indicating that depicted topography reflects field-verified information
- 7) the plan identification number (PC 520433) in the title block
- 8) statement of the number of bedrooms in the proposed replacement dwelling

The percolation certification plat should be submitted within 60 days to allow field verification if necessary. If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-2640.

Very truly yours,



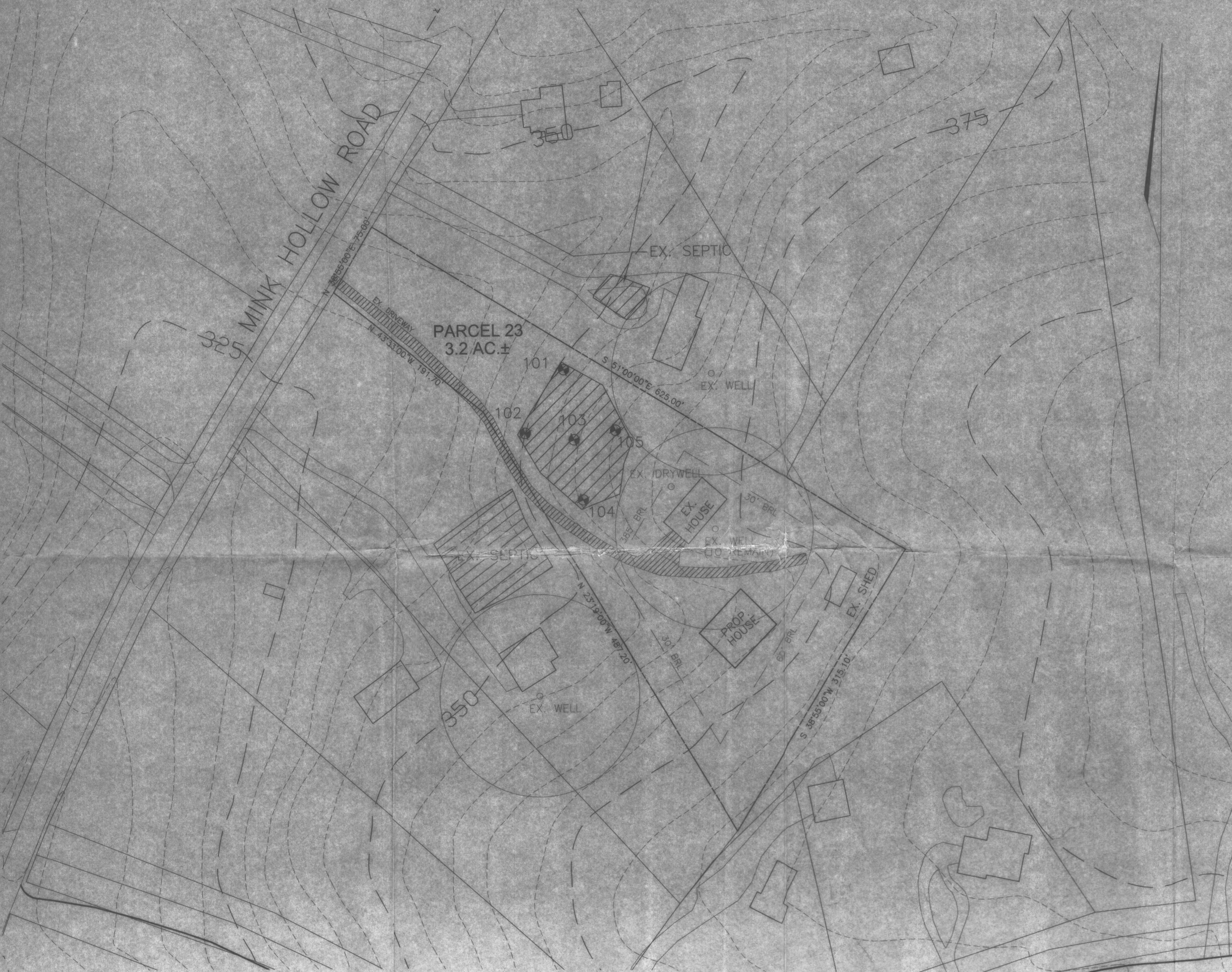
Mark E. Rifkin, R.S.

Water and Sewerage Program

MR

Enclosures

cc: Eric Dubois
File



**PLAN TO ACCOMPANY PERCOLATION TEST
7375 MINK HOLLOW ROAD**

TAX MAP 40 GRID 7
5TH ELECTION DISTRICT

PARCEL 23
HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL ENGINEERING, INC.
ENGINEERS · SURVEYORS · PLANNERS
8407 MAIN STREET
ELLCOTT CITY, MARYLAND 21043
TEL: 410.461.7666 FAX: 410.461.8961

DESIGN BY: JCO
DRAWN BY: JCO
CHECKED BY: RHV
DATE: JULY, 2004
SCALE: 1"=50'
W.O. NO.: