



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 522042-B

AGENCY REVIEW: _____

DATE 3/21/05

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 3 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) Warren Metzger

DAYTIME PHONE 301-937-4730 (ex 203) CELL 301-929-8160 FAX 301-937-8942

MAILING ADDRESS P.O. Box 185 Highland MD 20777
STREET CITY/TOWN STATE ZIP

APPLICANT KCI Technologies (Brad Jones)

DAYTIME PHONE 301-317-7592 CELL 410-404-9336 FAX 410-792-7419

MAILING ADDRESS 14502 Greenview Drive, Suite 100 Lower MD 20708
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME SE Corner of Hall Shop Road and Rte. 108 LOT NO. 5B

PROPERTY ADDRESS 13047 Hall Shop Road Highland
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 40 GRID 9 PARCEL(S) 43 PROPOSED LOT SIZE ±5 AC

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. Brad Jones
SIGNATURE OF APPLICANT

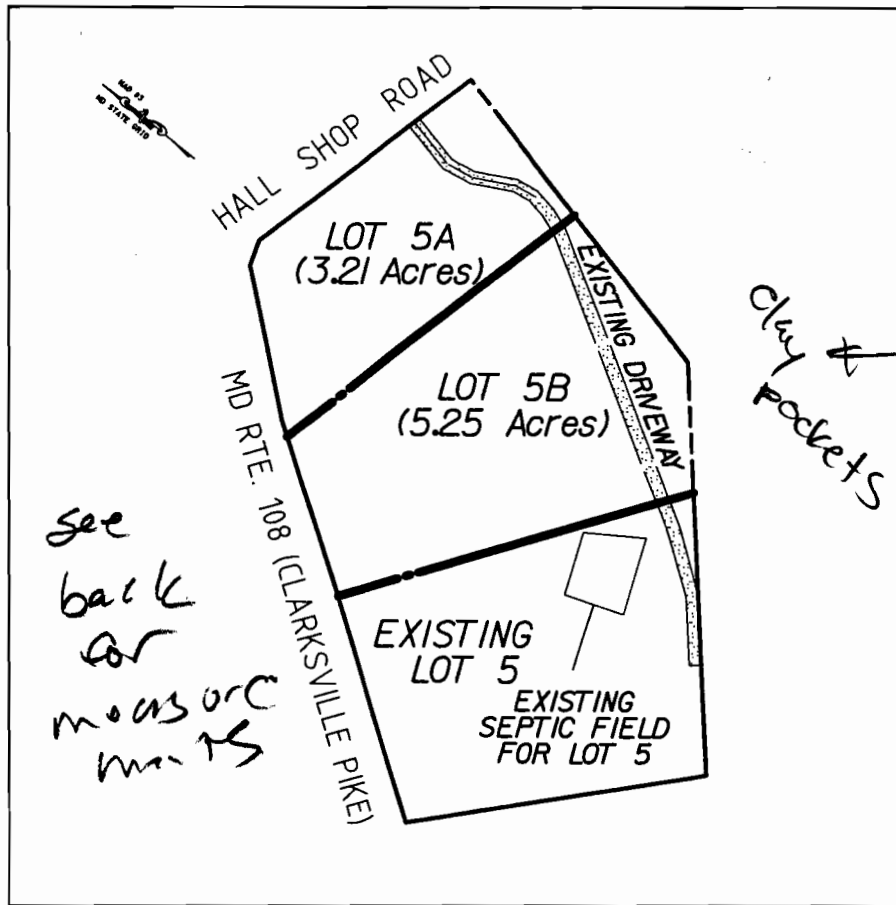
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P

1010
 brown
 orange brown
 silt
 brown
 silt
 water

1006
 brown L
 orange brown
 abk silt
 ± 20% quartz
 cobbles
 orange brown
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 orange brown
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 yellow brown
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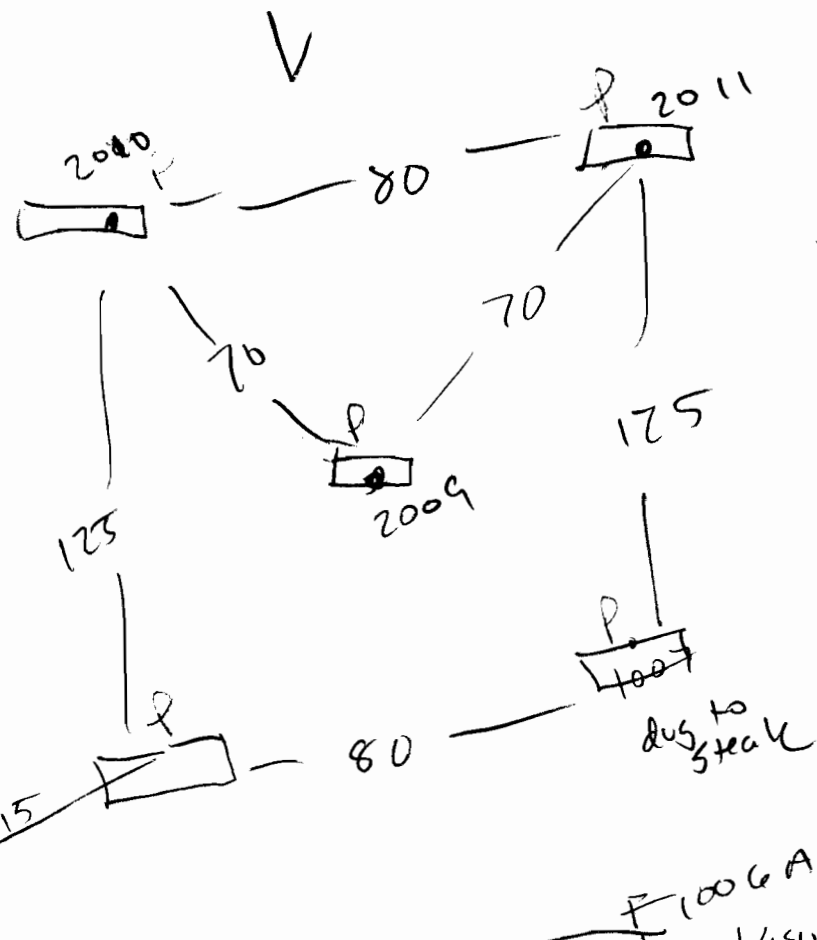
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/15/08	1010	8	visual		F		F
	1006A	7	10:04	pulled	to slow		F
	1009	4	11:40	11:43	11:46	3	P
	1007	7	11:31	11:33	11:35	2	P
	2009		visual				P
	2010	4	11:06	11:09	11:13	4	P
	2011	4.5	11:14	11:19	11:26	8	P

REMARKS * Noting to stake measurements on back
 SANITARIAN PH/SP BACKHOE K&K OTHERS Owner
 TEST HOLES USED IN SDA 5 AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH 3 INLET DEPTH 3 MAX. BOT DEPTH 5 EFFECTIVE S/W 3



Route 108

slight swate
ty sis

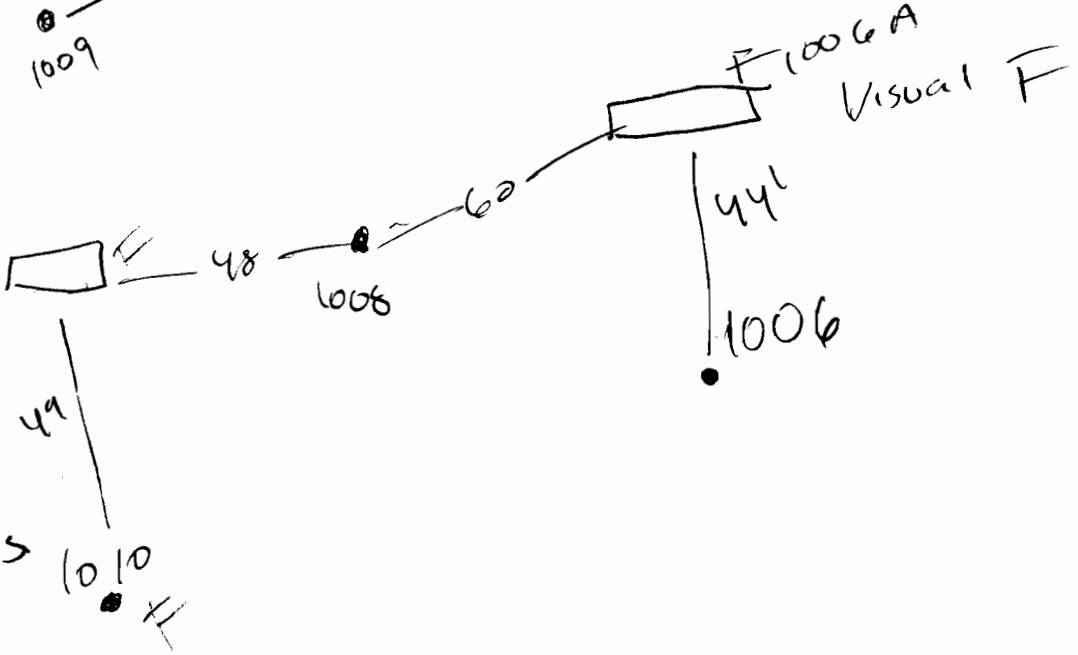


2009	brown l
3	red brown sil micaceous platy
	yellow brown sil
10	1040 rock sil frags
12	visual

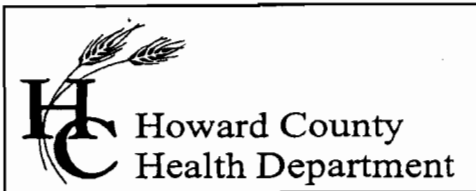
1010 A

1010A	brown l
2011	orange brown sil
	very micaceous
10	wake
11	

slight mottles



* good hole, but its unusable area due to failed hole 1006 A.



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

Penny E. Borenstein, M.D., M.P.H., Health Officer

April 15, 2005

Warren Matzen
P.O. Box 185
Highland, MD 20777

RE: PERCOLATION TEST RESULTS – A522042-B
13047 Hall Shop Rd, Highland MD

Dear Mr. Matzen:

Percolation testing conducted April 15, 2005 on the referenced property indicated satisfactory soil conditions. Additional holes were tested that were not proposed on the original percolation application plan. These holes were needed in order to find suitable soil conditions for a 10,000 sq. ft. sewage disposal easement for both lots. 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 and elevations of all excavated test holes
- 2) Proposed house, well and septic system
- 3) Locations of any other relevant features such as streams, swales, or existing structures
- 4) A note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 5) A note indicating that depicted topography reflects field-matched information
- 6) A health officer signature block stating "approved for private water and private sewer systems"
- 7) A MDE sewage disposal area statement is required
- 8) MDE minimum lot width statement

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) 313-1771.

Sincerely,

Peter A. Yencsik
Water and Septic Program
Development Coordination Section

PAY
Enclosures
Cc: KCI Technologies
File

RECEIVED

MAY 24 2005

HOWARD COUNTY HEALTH DEPT.
BUREAU OF ENVIRONMENTAL HEALTH