



Howard County  
Health Department

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) 6/16 TEST TIME \_\_\_\_\_ A/P 519002  
 AGENCY REVIEW: Current drilled is overflowing DATE 6/10/03

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) Perantonakis, George

DAYTIME PHONE 301-604-1720 CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS 8513 Edenton Road  
 STREET CITY/TOWN STATE ZIP

APPLICANT Natfields

DAYTIME PHONE 410-531-6773 CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS 13785 Burntwoods Road Glenelg  
 STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
 SUBDIVISION/PROPERTY NAME Beaufort Park LOT NO. 12

PROPERTY ADDRESS 8513 Edenton Rd  
 STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 45 GRID 12 PARCEL(S) 27 PROPOSED LOT SIZE 40+k #

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 OF APPLICANT

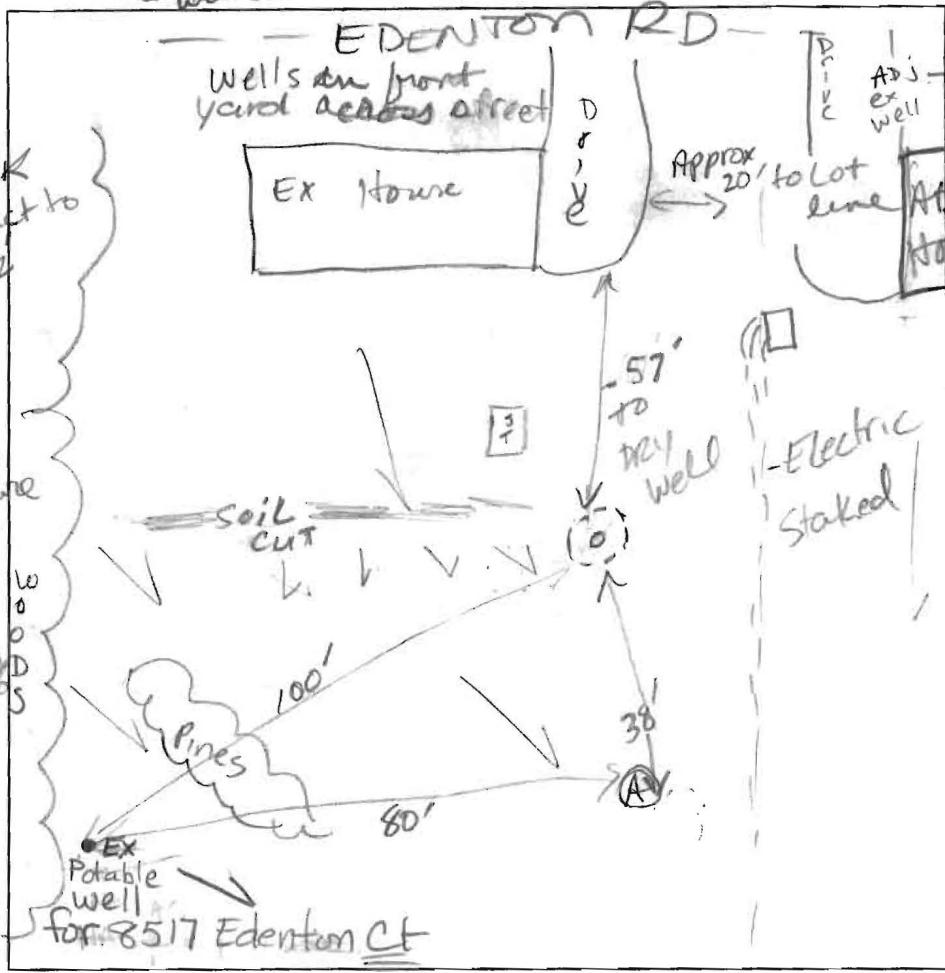
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
 3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648  
 TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

ex well [House]

AVP

(A)

Strong org  
brn  
micac  
SiLm  
Trace  
Rx  
SBK  
struct to  
2 1/2  
5 1/2  
micac  
Lm  
orgbrn  
wk  
ply  
structure  
8'  
Ybrn  
coarse  
SLm  
small platy  
sap frags  
2-75%  
Lm S  
10'  
Bottom  
14'



flower bed  
Adj ex well  
Adj house

more detail of same hole

More detail

Strong org  
brn  
micac.  
SiLm  
Trace Rx  
SBK struct.  
to 2 1/2  
rdbrns;  
Lm w/  
clay skins  
to 3 1/2  
texture at  
5 1/2 changes  
to Loam  
7 1/2 -  
8'  
LM Sand  
sm platy  
frags sap  
15%  
14' Bottom

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
6/16/03	(A)	7 1/2' / 14'	10:33 <sup>00</sup>	10:35 <sup>50</sup>	10:35 <sup>50</sup>	10:44 <sup>50</sup> ≈ 6 min	
Existing S.T. is 8 1/2' long - 1250' ???							
MIDSEAM - NOT LEAKING / IS FULL							
PERC DONE IN FASTEST MATERIAL; Soil texture and structure ≈ 15 min avg overall.							

REMARKS AREA MAIL for trenches up grade; Dry well as repair  
SANITARIAN Kacie of Hatfields BACKHOE Hatfields OTHERS owner  
TEST HOLES USED IN SDA (A) AVG. PERC TIME 6 min SQ. FT/BR 180  
TRENCH WIDTH N/A INLET DEPTH 2-2 1/2' MAX. BOT DEPTH 14' EFFECTIVE SW 12'



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

October 30, 2003

Mr. John Adolphsen  
8517 Edenton Court  
Glenelg, MD 21737

*Neighboring lot*



Re: Adjacent lot septic repair  
8513 Edenton Road  
Beaufort Park Lot 12

Dear Mr. Adolphsen:

Per your request, I have included information concerning the repair for the above referenced property.

Due to repair area for a conventional trench septic system lying directly upslope of your well, a dry well (seepage pit) was installed in an area which is not directly upslope of your well. Although this septic repair is 80' from your existing well, it is a much better alternative than trenches installed on contour directly upslope of your well even if they could be 100' away. Due to acceptable soils observed in the chosen repair area, there shouldn't be any concern for bacterial contamination to your well.

To ensure safety of your drinking water, we have sampled your water on June 30, 2003, which is prior to the installation of the septic repair for 8513 Edenton Road. The test results indicated no traces of coliform or E. coli (fecal coliform). Although we feel confident that the adjacent septic repair should not affect the quality of your well, the health department takes water contamination seriously and will test your water again in six months at no cost to you to ensure that no bacterial contamination of your well exists.

In conclusion, if total or fecal coliform (E. coli) bacteria arises from future water testing results, we will immediately take action to find the cause of the contamination and take any necessary steps to rectify the situation. Please be advised that bacterial contamination of a well can be caused by sources other than human sewage such as a loose or damaged well cap/electrical conduit which allows insects into the well, animal fecal matter near the well site, or damage to the well casing from other sources.

I hope you find the enclosed documents informative. If you have any other questions, call 410-313-1771. Thank you for your time in this important matter.

Sincerely,  
*Kacie Noonan*  
Kacie Noonan  
Sanitarian

Cc: Frank Skinner; Director of the Bureau of Environmental Health  
Steven Krieg; Supervisor of the Groundwater Management Section  
File

**HATFIELD'S EQUIPMENT AND  
DEDICATION SERVICES, INC.**

(301) 854-6172

13785 Burnt Woods Road  
Glenelg, Maryland 21737

Fax (410) 489-4905

Howard County Health Department  
Casey Noonan

Re: 8513 Edenton Road, septic system

The septic tank installed at the above location is a new concrete <sup>2000</sup>1500 gallon compartmented structure. It was installed in exactly the same spot as the old tank.

The tank has a 6" PVC clean out on the front with a 24" manhole installed over the access at the rear.

Included in the tank is a 4" Zabel Baffle filter on the outlet side of the tank. Attached is a sketch of the new system and maintenance information for the filter.

Hatfield's Septic

10/17/03 I called Jeff w/ Hatfields  
Re: tank size. He will send a  
receipt w/size & said he will  
call in follow-up.

Mayer Bros., Inc.  
 6264 Race Rd.  
 Elkridge, MD 21075  
 USA

**Invoice**

Invoice Number  
 1295

Invoice Date  
 Oct 9, 2003

Page

Voice: 410-796-1434  
 Fax: 410-796-1438

**Sold To:**  
 Hatfield's B/H & Ded. Services  
 13785 Burnt Woods Rd.  
 Glenelg, MD 21737

**Ship To**  
8513 Edenton Rd.

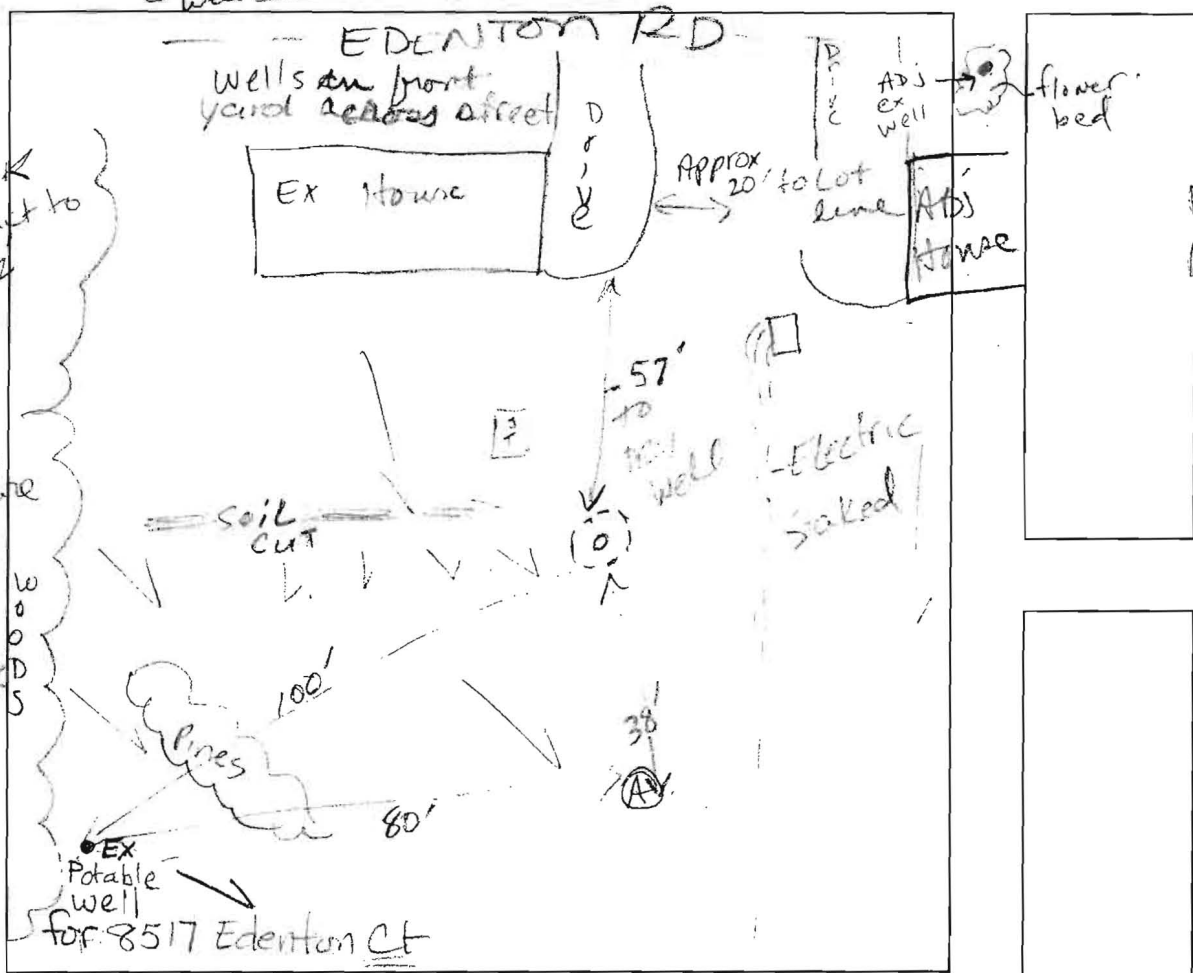
<b>Customer ID</b>	<b>Customer PO</b>	<b>Payment Terms</b>	
2050		Net 30 Days	
<b>Sales Rep</b>	<b>Shipping Method</b>	<b>Ship Date</b>	<b>Due Date</b>
	b36214	10/9/03	11/8/03

Quantity	Item	Description	Unit Price	Extension
1.00	112A	2000 gal 2-comp with filter	1,050.00	1,050.00
1.00	115	Large Dist. Box	55.00	55.00
1.00	254	27" x 2" Standard Cover	16.00	16.00

Check/Credit Memo No:

Subtotal	1,121.00
Sales Tax	56.05
<b>Total Invoice Amount</b>	<b>1,177.05</b>
Payment/Credit Applied	
<b>TOTAL</b>	<b>\$1,177.05</b>

AP (A)  
 Strong org brn  
 micae  
 S, Lm  
 Trace Rx  
 SBK  
 Struct to 2 1/2  
 5 1/2  
 micae  
 Lm  
 org brn  
 wk Pth structure  
 8'  
 Ybrn coarse  
 SLm  
 small platy  
 sap frags  
 2 1/2  
 5  
 Lm S  
 10'  
 Bottom  
 14'



more detail of same hole

More detail

Strong org brn  
 micae.  
 S, Lm  
 Trace Rx  
 SBK struct to 2 1/2  
 rdbrns;  
 Lm w/ clay skins to 3 1/2  
 texture at 5 1/2' changes to loam  
 7 1/2'  
 8'  
 LM Sand  
 sm platy frags  
 15%  
 14' Bottom

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
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		Existing S.T. is 8 1/2' long - 1250 ???					
		MIDSECTION - NOT LEAKING					
		IS FULL					
		PERC DONE IN FASTEST MATERIAL; soil texture and structure ≈ 15 min avg overall.					

REMARKS: AREA AVAILABLE for trenches; upgrade; Dry well as repair of old well.  
 SANITARIAN: Kacie  
 BACKHOE: Hatfields  
 OTHERS: owner  
 TEST HOLES USED IN SDA: (A)  
 AVG. PERC TIME: 6 min  
 SQ. FT/BR: 180  
 TRENCH WIDTH: N/A  
 INLET DEPTH: 2-2 1/2'  
 MAX. BOT DEPTH: 14'  
 EFFECTIVE SW: 12'