



May 20, 2009

*Division of Environmental Health*

Ms. Shirley Yeatts  
Ms. Leslie Yeatts  
9301 Merkel Farms Road  
Bowie, Maryland 20715

Re: Percolation Test Application 41353-2008  
Tax Account Number 0257741  
Tax Map 29, Grid F1, Part of Parcel 23  
Bowie, Maryland 20715

Dear Messes Yeatts:

**SOIL PERCOLATION TEST RESULTS FOR:**

- ☒ Initial Testing  
☐ Retest

- ☐ Unsatisfactory - If you have any questions about the advisability of conducting additional tests, please call the area sanitarian.
- ☐ Satisfactory - Additional testing may be necessary and house size may be limited.
- ☒ Satisfactory for the water uses shown on the application provided the system is installed in accordance with the location and elevation where the soil percolation tests were conducted.

Please be advised that a satisfactory percolation test is not the sole criteria evaluated to determine if a sewage disposal permit will be issued. The grading of the site, the location of the proposed building and well (if applicable), along with topography, hydrologic conditions of the lot, location of surrounding sewage disposal systems and wells, and usable lot area are also considered in determining if the property is suitable for development on an individual sewage disposal system. Please be aware that any disturbance of the proposed sewage disposal area or any other conditions causing the tested lot to be in violation of the Prince George's County Code, Subtitle 22, may result in additional percolation tests being required and could possibly result in having the lot declared unbuildable until public sewer is available to the property. In addition, supplementary percolation tests may be required after three years from the date of testing or if the percolation requirement under which the original tests were conducted are no longer valid.

If you have any questions, please call Mr. Chris Cohl, Area Sanitarian, at 301/883-7683 weekdays between 7:30 and 9:00 a.m.

Sincerely,

Evelyn Hoban, Chief  
Environmental Engineering Program

EH:CC:db  
Enclosures  
Cc: Mr. Charles Gwynn  
EH/EEP-168 (8/00)



Jack B. Johnson  
County Executive

Environmental Engineering Program  
Largo Government Center  
9201 Basil Court, Suite 318, Largo, MD 20774  
301-883-7681, fax 301-883-7266 tdd 301-883-5025  
[www.goprincegeorgescounty.com](http://www.goprincegeorgescounty.com)

**PERCOLATION  
TEST REPORT**

Prince George's County Health Department  
Division of Environmental Health

Property Description: Merkle Farms Rd 29/F1/P23

Case No. 413S3-2008

Owner/Agent: Shirley Yeatts + Leslie Yeatts

T/A No. 0257741

Test performed by: Charles Gwynn

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**Water Table Data**

**Soil Profile**

Water Table # 1	
Date <u>4/21/09</u>	Time <u>8:30 am</u>
Depth <u>10'</u>	<u>Wet/Dry</u>
Date <u>4/22/09</u>	Time <u>8:30</u>
Depth <u>10'</u>	SWL <u>5'8"</u>
Absorptive Soils Layers <u>all</u>	
Water Table # 2	
Date <u>4/22/09</u>	Time <u>8:30 am</u>
Depth <u>7'0"</u>	<u>Wet/Dry</u>
Date <u>4/23/09</u>	Time <u>8:30 am</u>
Depth <u>7'0"</u>	SWL <u>6'4"</u>
Absorptive Soils Layers <u>all</u>	
Infiltration	
Percolation Test(s) No.	
Date <u>2009</u>	<u>4/29</u>
Diameter	<u>12"</u>
Total Depth	<u>24"</u>
Required Buffer	<u>6'</u>
Water Table Depth ( <u>SWL/Dry</u> )	<u>5'4"</u>
Absorptive Layer	
Height of Water in Test Hole	<u>6"</u>
Pre-Wet #1 Start time	<u>9:01</u>
End time	<u>10:01</u>
Elapsed Time (mins.)	<u>60</u>
Drop in Inches	<u>5</u>
Pre-Wet #2 Start time	<u>10:01</u>
End time	<u>11:01</u>
Elapsed Time (mins.)	<u>60</u>
Drop in Inches	<u>4 1/4"</u>
Pre-Wet #3 Start time	<u>11:01</u>
End time	<u>12:01</u>
Elapsed Time (mins.)	<u>60</u>
Drop in Inches	<u>3 1/2"</u>
Perc Test Start time	<u>12:01</u>
End time	<u>1:01</u>
Elapsed Time (mins.)	<u>60</u>
Drop in Inches	<u>3 1/2"</u>
State Equivalent Rate (mins/in)	<u>17</u>

WT<sub>1</sub> 0-brown, soft, VSL  
12"-tan, firmer, friable SL  
3'-gold, friable VSL  
4'-pale, soft, LS  
10'-blue mail, wet

WT<sub>2</sub> same but wet @ 7'  
stop @ 7'

infiltration PT<sub>1</sub>  
0 - brown, soft VSL  
20"-tan, slightly firm VSL  
28"-stop  
test conducted @ 24"

infiltration PT<sub>2</sub>  
0 - brown, soft, VSL  
15"-tan, slightly firm, VSL  
28"-stop  
test conducted @ 16"

SOH 1, 2, 4  
0-brown soft VSL  
22"-tan, slightly firm VSL  
24"-stop

SOH 3, 5  
0-brown soft VSL  
18"-tan, slightly firm VSL  
24"-stop

**Comment/Key**

A sand mound sewage disposal system shall be required on this property.

Bk = Blocky Gran = Granular G = Gravel  
F = Fine VF = Very fine M = Medium  
Si = Silt S = Sand C = Clay L = Loam  
P = Platy Sub = Subangular Blocky

Test Witnessed by: CM Cole  
Health Department Sanitarian

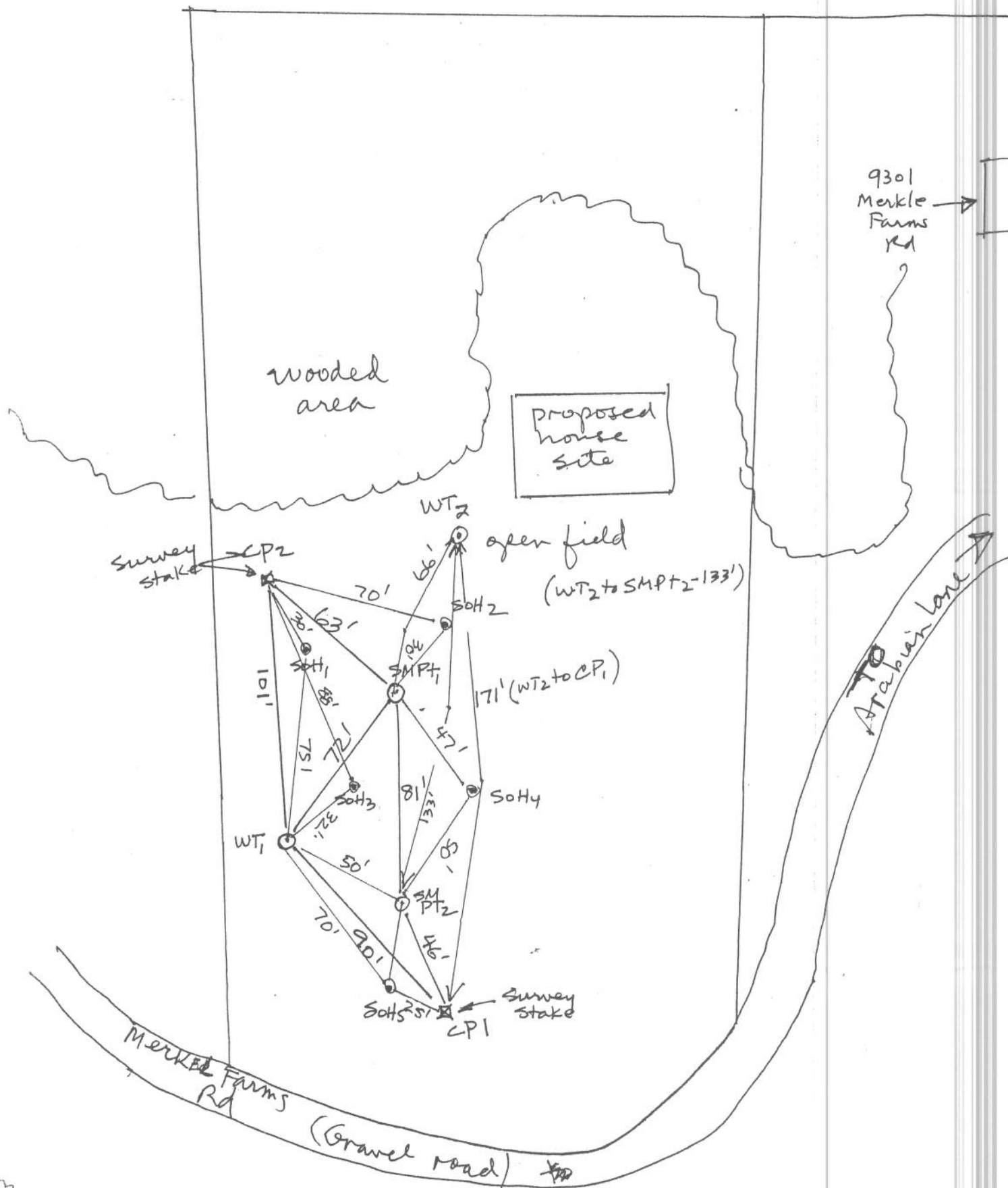
Date 5/13/09

## PERCOLATION TEST REPORT – SITE DIAGRAM

Property Description: TM 29 / Grid R1 / P / Par 23 Merkle Farms Road

Owner/Agent: Shirley Yeatts / Leslie Yeatts Case Number 41353-2008

Test Performed by: Charles Gwynn Page 2 of 2



Test witnessed by:

Health Department Sanitarian

Date:

5/13/09