

# Soil Evaluation Form

Commonwealth of Virginia  
Department of Health

Health Department  
Identification Number 33589  
Tax Map Number 49A2-3-7 to be subdivided

### General Information

Date 5/23/2000 Tucker Foster - agent Fresh Co. Health Department  
Applicant Phil Green (Grass Venture) Telephone No. 877-2489  
Address 410 Shawnee Dr., Winchester VA 22602  
Owner Same Address \_\_\_\_\_  
Location RT 50W @ RT 614, Shawneelake  
Subdivision Emerald Lake Block/Section \_\_\_\_\_ Lot 7 to be subdivided

### Soil Information Summary

- 1. Position in landscape satisfactory Yes  No  Describe Side slope
  - 2. Slope 12-15 %
  - 3. Depth to rock/impervious \_\_\_\_\_ Min. \_\_\_\_\_ None
  - 4. Depth to seasonal water table (gray mottling or gray color) No  Yes  \_\_\_\_\_ inches
  - 5. Free water present \_\_\_\_\_ inches
  - 6. Soil permeability \_\_\_\_\_ min/inch
- ADJUSTED FROM PART 9 TO
- Name \_\_\_\_\_  
Signature: \_\_\_\_\_

### Department Use

- Site Approved. \_\_\_\_\_ depth at site designated on permit.
- Site Disapproved.

#### Reasons for rejection:

- 1. Position in landscape subject to flooding or periodic saturation.
- 2. Insufficient depth of suitable soil over hard rock.
- 3. Insufficient depth of suitable soil to seasonal water table.
- 4. Rates of absorption too slow.
- 5. Insufficient area of acceptable soil for required drainfield, and/or Reserve Area.
- 6. Proposed system too close to well.
- 7. Other Specify \_\_\_\_\_

The info herein was obtained from 3rd parties and/or government agencies & is deemed reliable but NOT GUARANTEED by the real estate firm or its agents. Users should check with local government agencies to verify its accuracy and/or to determine zoning or usage, etc of property.

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Owner Same Address \_\_\_\_\_  
Location Rt. 50W (Rt 614) Shawneeland  
Subdivision Emerald Lake Block/Section \_\_\_\_\_ Lot 7 to be subdivided

### Soil Information Summary

1. Position in landscape satisfactory Yes  No  Describe Side slope
2. Slope 12-15 %
3. Depth to rock/impervious strata Max. \_\_\_\_\_ Min. \_\_\_\_\_ None
4. Depth to seasonal water table (gray mottling or gray color) No  Yes  \_\_\_\_\_ inches
5. Free water present No  Yes  \_\_\_\_\_ range in inches
6. Soil percolation rate estimated Yes  Texture group I III IV  
No  Estimated rate 70 min/inch
7. Percolation test performed Yes  Number of percolation test holes \_\_\_\_\_  
No  Depth of percolation test holes \_\_\_\_\_  
Average percolation rate \_\_\_\_\_

Name and title of evaluator: Frank R. Lee S.H.S.S.

Signature: Frank R. Lee

### Department Use

Site Approved: Drainfield to be placed at 18" depth at site designated on permit.

Site Disapproved:

#### Reasons for rejection:

1.  Position in landscape subject to flooding or periodic saturation.
2.  Insufficient depth of suitable soil over hard rock.
3.  Insufficient depth of suitable soil to seasonal water table.
4.  Rates of absorption too slow.
5.  Insufficient area of acceptable soil for required drainfield, and/or Reserve Area.
6.  Proposed system too close to well.
7.  Other Specify \_\_\_\_\_

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Date of Evaluation 5/23/2000

Profile Description  
SOIL EVALUATION REPORT

Health Department  
Identification No. 33589

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Where the local health department conducts the soil evaluation the location of profile holes may be shown on the schematic drawing on the construction permit or the sketch submitted with the application. If soil evaluations are conducted by a private soil scientist, location of profile holes and sketch of the area investigated including all structural features i.e., sewage disposal systems, wells, etc., within 100 feet of site (See section 4) and reserve site shall be shown on the reverse side of this page or prepared on a separate page and attached to this form.

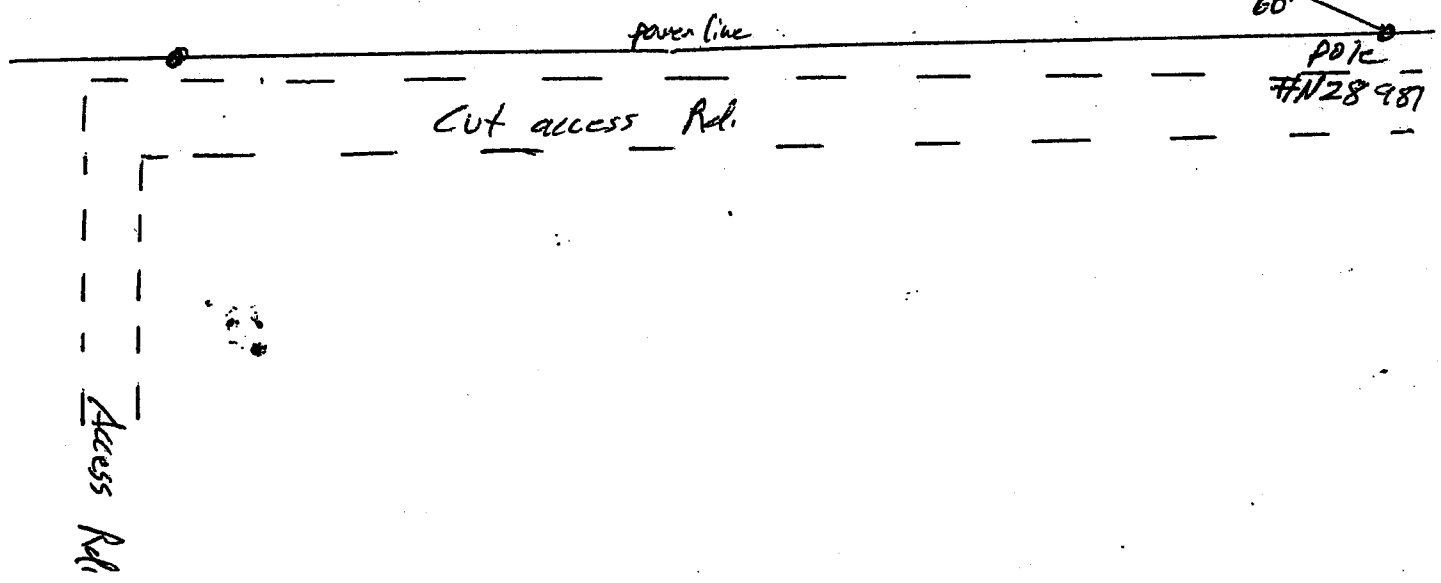
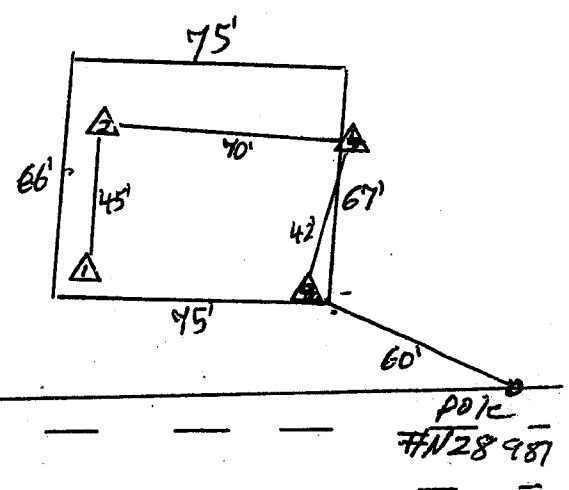
- See application sketch       See construction permit       See sketch on reverse side or page attached to this form.

Hole #	Horizon	Depth (Inches)	Description of, color, texture, etc.	Texture Group
1	A	0-5	Dk. Brown loam w/organics	II
	E	5-10	10YR 6/6 brownish yellow, silt loam	III
	B <sub>1</sub>	10-46	10YR 5/8 yellowish brown, clay loam	III
2	A	0-7	Dk. Brown loam w/organics	II
	B <sub>1</sub>	7-36	10YR 5/8 yellowish brown, clay loam few Mn stains	III
	B <sub>2</sub>	36-48	10YR 4/6 dk. yellowish brown, clay a clay loam, m m silt	III & IV
3	A	0-7	Dk. Brown loam w/organics	II
	E	7-17	10YR 6/6 brownish yellow, silt loam	III
	B <sub>1</sub>	17-37	10YR 5/8 yellowish brown, clay loam	III
	B <sub>2</sub>	37-48	10YR 4/6 Dk. yellowish brown, clay a clay loam, m m silt	III & IV
4	A	0-5	Dk. Brown loam w/organics	II
	B <sub>1</sub>	5-48	7.5YR 5/8 strong brown, clay a clay loam, few weathered silt stone frags. - silt stone stringer across pit at 35" soil under stringer (unweathered silt stone)	III & IV

Remarks site approved ZBR 70 rate FRL 5/23/2000

Site approved 5/23/2000 F.R.L.  
5- 75' lines installed  
3- 75' lines reserve

Previously approved site



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