

Soil Evaluation Form

Commonwealth of Virginia
Department of Health

Health Department
Identification Number 32888
Tax Map Number 49A2-3-7

General Information

Date 3/8/2000 Fred. Co. Health Department
Applicant Tucker Foster Telephone No. 877-2489
Address 410 Shawnee Trail, Winchester VA 22602
Owner Phil Green Address _____
Location _____
Subdivision Emerald Lake Block/Section _____ Lot 7

Soil Information Summary

1. Position in landscape satisfactory Yes No Describe Upper side slope
2. Slope < 10 %
3. Depth to rock/impervious strata Max. 0 Min. 40" None _____
4. Depth to seasonal water table (gray mottling or gray color) _____
5. Free water present No Yes _____ range in inches
6. Soil percolation rate estimated Yes No Texture group 1
Estimated rate 70
7. Percolation test performed Yes No Number of percolation tests _____
Depth of percolation test _____
Average percolation rate _____

*NEW
ADJUSTED
LST
FROM 8
PAST
OF*

Name and title of evaluator: Frank R. Jee, Environmental Scientist
Signature: Frank R. Jee

Department Use

- Site Approved: Drainfield to be placed at 18" depth at site designate _____
- 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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Soil Information Summary

1. Position in landscape satisfactory Yes No Describe Upper side slope
2. Slope < 10 %
3. Depth to rock/impervious strata Max. Min. 40" None _____ #hole # 1 only
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 II 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. Jee, Environmental Health Specialist Senior
 Signature: Frank R. Jee

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 3/8/2000

Profile Description
SOIL EVALUATION REPORT

Health Department Identification No. 32888

Page 2 of 3?

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.

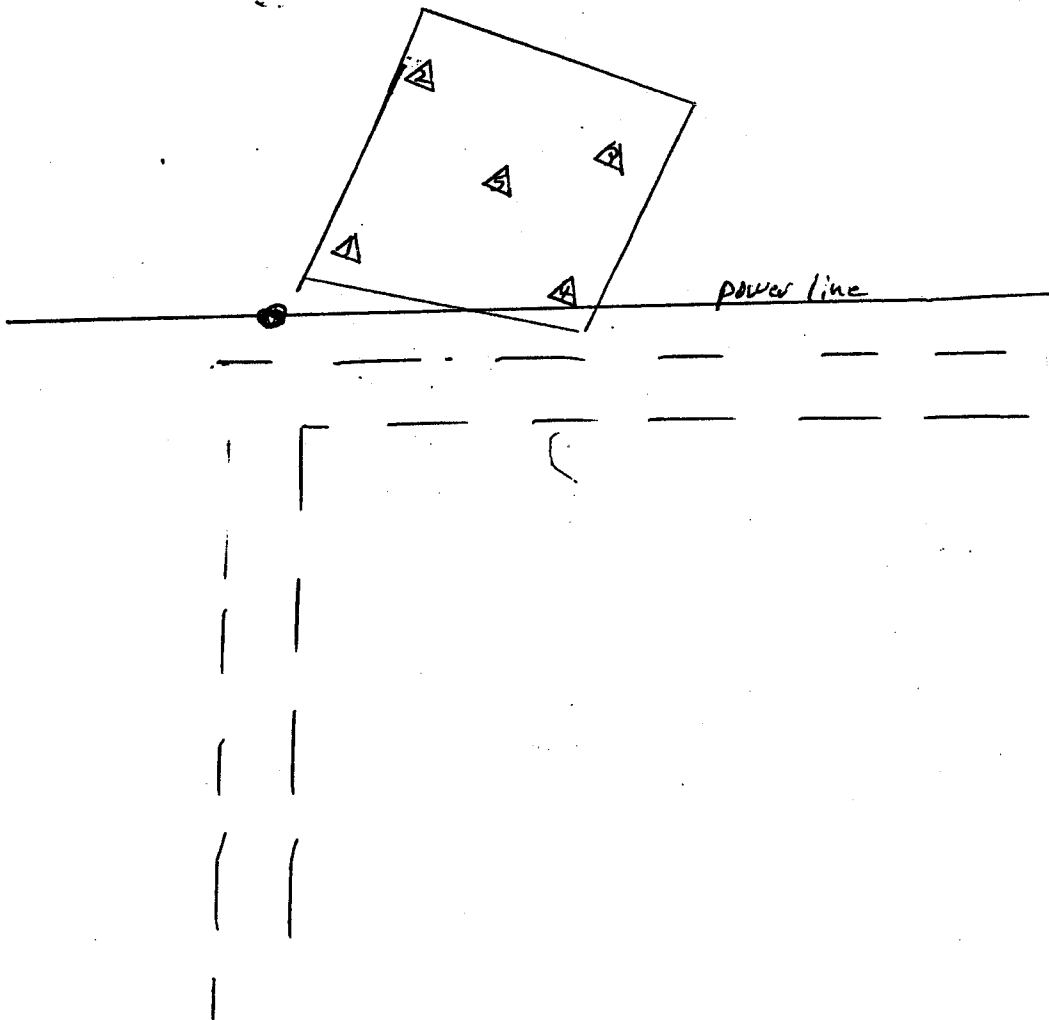
- See application sketch See construction permit See sketch on reverse side or page attached to this form.

Hole #	Horizon	Depth (Inches)	Description of, color, texture, etc.	Texture Group
1	A	0-7	Dk. Brown loam	II
	B ₁	7-24	7.5YR 5/8 strong brown clay loam, Mn s&K	III
	B ₂	24-40	10YR 5/6 yellowish brown silty clay loam, highly weathered silt stone frags	III
	R	40	bedded silt stone	
2	A	0-1	Dk. Brown loam	II
	B ₁	1-42	10YR 5/8 yellowish brown silty clay & silty clay loam 30% weathered frags, limestone & silt stone	III & IV
3	A	0-3	Dk. Brown loam	II
	B ₁	3-24	10YR 6/6 brownish yellow silty clay loam	III
	B ₂	24-46	7.5YR 5/8 strong brown clay loam, Mn stains & small concretions, not H ₂ O visible	III
4	A	0-1	Dk. Brown loam	II
	B ₁	1-30	10YR 5/8 strong brown clay loam, Mn s&K	III
	B ₂	30-46	10YR 5/8 & 10YR 6/8 silty clay loam, Mn stains highly weathered silt stone	III
5	A	0-6	Dk. Brown loam	II
	B ₁	6-24	10YR 5/8 yellowish brown clay loam	III
	B ₂	24-44	7.5YR 5/8 strong brown clay loam, Mn s&K	III

*carbon deposit at 35"

Remarks site approved 2BR

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AF not under power line

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