

SOIL SUMMARY REPORT

General Information:

Date: January 28, 2022 Pittsylvania County Health Department

Applicant: _____

Telephone No. 434 822-3717

Address: 87 Parkway Ave Moneta, Va. 24121

Location: Rt. 57

Subdivision: _____

Section: _____

Lot: 6

Soil Information Summary:

Drain Field F LOCATED ON LOT 6

Slope: 7%

Depth to rock/impervious strata: Max. 61" Min. 51" None _____

Depth to seasonal water table: (gray mottling or gray color) No Yes _____ Inches

Free water present: No Yes _____ Range in Inches

Soil percolation rate estimated: Yes Texture group **III**

No Estimated rate 65 min/inch

Proposed Drainfield 6-85'x 3' Lines installed at 30 Inches Deep

Name and title of evaluator: Tim Parker AOSE # 1098

SOIL EVALUATION FORM

Subdivision

Lot 6 Drain Field F

Hole #	Horizon	Depth (inches)	Description of color, texture, etc.	Texture Group
1	A/E	0-4	5 YR 4/3 light Clay Loam	III
	Bt	4-15	2.5 YR 4/8 Clay Loam	III
	B/C	15-51	2.5 YR 4/8 light Clay Loam	III
	R	51	Auger Refusal on mica schist	
2	A/E	0-4	5 YR 4/3 light Clay Loam	III
	Bt	4-17	2.5 YR 4/8 Clay Loam	III
	C	17-61	2.5 YR 4/8 light Clay Loam	III
3	A/E	0-5	5 YR 4/3 light Clay Loam	III
	Bt	5-17	2.5 YR 4/8 Clay Loam	III
	B/C	17-55	2.5 YR 5/8 light Clay Loam	III
	R	55	Auger Refusal on mica schist	

Remarks: Clifford Soil Series

Name and title of evaluator: Tim Parker AOSE # 1098

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Telephone No. 434 822-3717

Address: 87 Parkway Ave Moneta, Va. 24121

Location: Rt. 57

Subdivision: _____

Section: _____

Lot: 7

Soil Information Summary:

Drain Field G LOCATED ON LOT 7

Slope: 8%

Depth to rock/impervious strata: Max. 72" Min. 67" None _____

Depth to seasonal water table: (gray mottling or gray color) No Yes _____ Inches

Free water present: No Yes _____ Range in Inches

Soil percolation rate estimated: Yes Texture group **II**

No Estimated rate 45 min/inch

Proposed Drainfield 5-70'x 3' Lines installed at 42 Inches Deep

Name and title of evaluator: Tim Parker AOSE # 1098

SOIL EVALUATION FORM

Subdivision

Lot 7 Drain Field G

Hole #	Horizon	Depth (inches)	Description of color, texture, etc.	Texture Group
1	A/E	0-8	7.5 YR 4/3 light Clay Loam	III
	Bt	8-29	2.5 YR 4/8 Clay Loam	III
	C	29-72	5 YR 4/4 fine Sandy Loam	II
2	A/E	0-7	7.5 YR 4/3 light Clay Loam	III
	Bt	7-24	2.5 YR 4/8 Clay Loam	III
	C	24-67	5 YR 5/8 Loam with mica	II
	R	67	Auger Refusal on mica schist	
3	A/E	0-8	7.5 YR 4/3 light Clay Loam	III
	Bt	8-30	2.5 YR 4/8 Clay Loam	III
	C	30-72	2.5 YR 4/8 Loam with mica	II

Remarks: Clifford Soil Series

Name and title of evaluator: Tim Parker AOSE # 1098

Abbreviated Design Form
"Appendix 6"

For use with gravity and pump drainfields, enhanced flow systems and low pressure distributions systems when applying for a certification letter of subdivision approval.

Design Basis Subdivision Lot 7 D/F G

- A. Estimated Percolation Rate 45
- B. Trench bottom square feet
Required per 100 bedroom
(from Table 4.6 based on Gravity LPD) 344 ft²
- C. Number of bedrooms 3

Area Calculations

- D. Length of trench 70 ft. Length of available area 70 ft.
- E. Width of trench 3 ft.
- F. Number of trenches 5
- G. Center-to-center spacing 9 ft.
- H. Width required [G(F-1)+E] 39ft. Width of available area 39 ft.
- I. Total square footage required (BxC) 1032 ft²
- J. Square footage in design (DxExF) 1050 ft²
- K. Is a reserve required? No Yes Lines at Inches Deep
- L. Slope Type: Side Slope

Name and title of evaluator: Tim Parker AOSE # 1098