



Appendix 7

Certification Statement

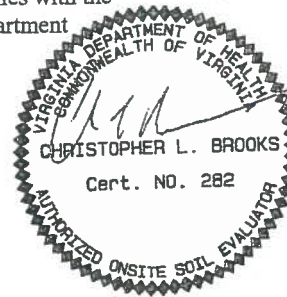
County: Pittsylvania Date: December 29, 2006

Property Identification: Eagle Pointe Shores, Phase II, Lot 114

Submitted by: Acres of Virginia, Inc.

This is to certify according to §32.1-163.5 of the *Code of Virginia* that work submitted for the referred property is in accordance to and complies with the *Sewage Handling and Disposal Regulations* of the Virginia Department of Health. I recommend a certification letter<sup>1</sup> be approved<sup>2</sup>.

AOSE  Date: 12/29/06  
 Christopher L. Brooks



Soil Consultant \_\_\_\_\_ Date: \_\_\_\_\_

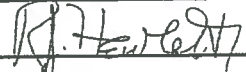
<sup>1</sup>This blank must be filled in with one of the following terms: 'permit', 'certificate letter', or 'subdivision approval'  
<sup>2</sup>This blank must be filled in either the term 'approved' or 'denied'.

If the submission contains a certification by a professional engineer in consultation with an AOSE, the following statement shall be signed and sealed.

I hereby certify that the evaluations and designs contained herein (refer to subdivision, lot, etc.) were conducted in accordance with the *Sewage Handling and Disposal Regulations* (12 VAC 5-610-20 et seq., the "*Regulations*") and the policies of the Virginia Department of Health for implementation of those *Regulations*. Furthermore, I certify that the evaluations and designs comply with the minimum requirements of the *Regulations*.



I recommend a <sup>1</sup> certification letter be <sup>2</sup> approved

Licensed PE:  Date: 12/29/06  
 Seal

<sup>1</sup>This blank must be filled in with one of the following items: 'permit', 'certification letter', or 'subdivision approval'.  
<sup>2</sup>This blank must be filled in either the term 'approved' or 'denied'.

Appendix 6  
Abbreviated Design Form

PURAFLO DESIGN REQUIRED

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

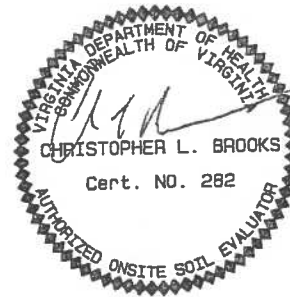
Design Basis

- A. Estimated Percolation Rate 70
- B. Trench bottom square feet required per bedroom (from Table 4.6 based on  Gravity  LPD  Other-Puraflo) Waste water pump required  Yes  No
 

$450 + 0.80 = 562.50 + 3 = 187.50$   
 per Puraflo requirements
- C. Number of bedrooms 3

Area calculations

- D. Length of trench 65'  
Length of available area 65'
- E. Width of trench 1.5'
- F. Number of trenches 6
- G. Center-to-center spacing 4.5'
- H. Width required 24'  
G(F-1) + E  
Width of available area 47'
- I. Total square footage required (line B times line C) 562.50
- J. Square footage in design (D\*E\*F) 585
- K. Is a reserve area required?  Yes  No



Acres of Virginia, Inc.  
Surveyors-Engineers  
404 Clay Street  
Lynchburg, VA 24505  
434-528-4674

Christopher L. Brooks  
Christopher L. Brooks/AOSE #282

SOIL EVALUATION FORM

DATE: December 29, 2006

PHONE NO: (434) 528-4674

COMM. NO. DF 051020

APPLICATION: Eagle Pointe Shores, LLC/Acres of Virginia, Inc.

ADDRESS: 404 Clay St., Lynchburg, VA. 24504

LOCATION: Greenberry Drive, Pittsylvania County, Virginia

SUBDIVISION: Eagle Pointe Shores, Phase II

Lot: 114

PART OF TM# 16-A-1B

PURAFLO DESIGN REQUIRED

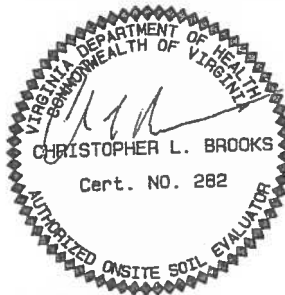
PART OF GPIN# 1594-66-0833

SLOPE: 22 %

ESTIMATED PERC RATE: 70 MINUTES/INCH

TEXTURE GROUP I II  III IV

  
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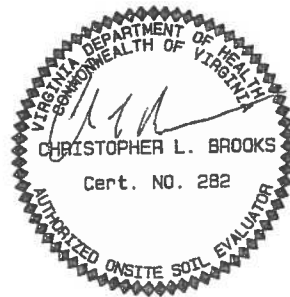
HOLE #	HORIZON	DEPTH (IN.)	DESCRIPTION OF COLOR, TEXTURE, ETC.	TEXTURE GROUP
577	Ap	0-5	Dark Yellowish Brown (10 yr 4/6) loam topsoil with roots	IIb
	Bt <sub>1</sub>	5-15	Yellowish Red (5 yr 5/8) light clay loam	III
	Bt <sub>2</sub>	15-32	Red (10 R 4/6) silty clay loam	III
	Cr	32-	Approaching greater than 50% weathered rock	
578	Ap	0-6	Dark Yellowish Brown (10 yr 4/6) loam topsoil	IIb
	Bt <sub>1</sub>	6-14	Yellowish Red (5 yr 5/8) light clay loam	III
	Bt <sub>2</sub>	14-34	Red (10 R 4/6) silty clay loam	III
	Cr	34-	Approaching greater than 50% weathered rock	

580	A	0-9	Dark Yellowish Brown (10 yr 4/6) loam with fine roots and fine gravel	IIb
	Bt <sub>1</sub>	9-18	Yellowish Red (5 yr 5/8) light clay loam with fine roots	III
	Bt <sub>2</sub>	18-36	Red (10 R 4/6) silty clay loam with 20% weathered rock	III
	Cr	36-	Approaching greater than 50% weathered rock	

**RECOMMEND INSTALLING 6 - 65 FT. LINES  
AT 16 INCHES ON 4.5 FT. CENTERS**

**PURAFLO DESIGN REQUIRED**

  
Christopher L. Brooks/AOSE #282



**DISCLAIMER:** During construction of drainfield, contractor must comply with all O.S.H.A. regulations and safety requirements.