

Comn	non	WAO	lth o	f VI	40.		VDH	Us	e Only	Page 1 of 5
Commonwealth of Virginia Application for: Sewage System Water Supply				Health	Health Department ID#					
	for; 🔀						Due D	ate	ə:	
Owner:		Winter \	Wren Part	mership	LLC		Phone			
Mailing Address: 1870 Virginia Avenue				Phone	-	() -				
McLean, Virginia 22103				Fax:	•	1				
Agent: Jace Goodling Mailing Address: 172 Englande Rock Road			Phone		(434) 531-6166					
mannig Addr	ess:	172 Engl	ande Roc	k Road			Phone		() -	
Site Address:		Afton, V	rginia 22	920			Fax:		() -	
one radicss.										
Directions to	Property	v. Norti	of De C	77 10			Email:			
	ropert	y. 1401 ti	1 01 Kt. 62	27, 1.2 n	illes V	Vest of Rt.	151			
Subdivision:	Rock	kfish Heig	hte	Section	T					
	1-24	MISH TICIE	Other Pi		:	2	Block;	,	Lot:	8
			Identific					D	Dimension/Acreage	3.044
			Identific	alion.	L			0	f Property:	Accession 1990 (19
Single Famil Other (described there be a base any condition anditions that a Temporary until the water supplements the conditions that a temporary until the water supplements the conditions that a temporary until the water supplements the conditions that a temporary until the water supplements the conditions that a temporary until the water supplements the conditions that a temporary until the water supplements the conditions that a temporary until the water supplements the conditions that a temporary until the condition	asement: as propo pply: se not to	Yes sed on this Reduce	No constructived Water	If yes, on permi	? [] [descri	Yes No Limited	es in the Ba If yes, ple Occupancy	ase	(Total Number of Bedrooment? Yes No check or describe all pro Intermittent or seas Existing or Proposed andoned Yes No	posed onal use
roposed, is thi						Will the	old well be	aba	andoned Yes No	
ve any building	s within	100' of the	e proposed	well bee	n termi	ite treated?	Yes M	N	0	William J. Lht
								- 41	`	
					AH 4					· · · · · · · · · · · · · · · · · · ·
his an AOSE/P		-			f yes, i				ttached? 🛛 Yes 🗍 No	"Minnight
oing location and rivise this applicate re permission to the essing this application	the propertion will the Virgin	osed well an be denied. ia Departme	d sewage sy	stem sites (VDH) to	must be	clearly mar	ed and the process described	rope	ne site sketch should show your site evaluation is conducted to see the sufficiently visible to see the seed to seed t	our property lines, d the property lines, the topography,
ature of Owner										

Date

	General	Inform	mation		
Date:5/17/07 & 5/23/07	Submitted to Nelson	County	y Health Department		
Applicant: Jace Goodling		Telephone: (424) 521 (166			
Address: 172 Englande Rock Road	, Afton, Virginia 22	920	retephone. (434) 331-6166		
Owner: Winter Wren Partnership L	LC Address: 18		inia Avenue, McLean, Virginia 22103		
Location: North of Rt. 627, 1.2 mile	es West of Rt. 151	<u>-</u>	, 1.0.25 mg / 1.gmia 22103		
Tax Map: 21-24		vision: Rockfish Heights			
Block/Section: 2		Lot: 8			
	Soil Inform	ation S	Summary		
1. Position in landscape satisfactory					
Describe: backslope					
2. Slope 27 (max) %					
3. Depth to Rock or impervious strat	a: Max. 48+ in.		Min. 47 in.		
4. Depth to seasonal water table (gra			v D v D		
5. Free water present: No 🛛 Yes			No 🛛 Yes 🗌 Inches		
	Yes ☑ Texture Group I ☐ II ☐ III ☑ IV ☐				
6. Soil percolation rate estimated?			I rate 59 min/inch		
7. Permeability test performed Yes [] —		Tale 39 Hilly Men		
	3.00 <u>P</u>				
Site Approved	Drainfield to be p	laced at	29" depth at site designated on plat		
Site Disapproved					
Reason for Rejection					
1. Position in landscape subject 2. Insufficient depth of suitable	t to flooding or peri	odic sati	uration		
2. Insufficient depth of suitable 3. Insufficient depth of suitable	soil to seasonal wa	ter table			
Rates of absorption too slow	<i>'</i> .				
Insufficient area of acceptable Proposed system too close to	le soil for required o	drainfiel	d, and or reserve area		
Other Specify	well				
f yes, note type of test performed and	attach				
			willing although		
			William J. Loth JV		
			William J. Loth J		

Rockfish Heights, Lot 8 Nelson County

Hole	Horizon	Depth (in)	Soil Profile	
I	Ap	0-1	Material Description	Soil Texture Group
	E	1-4	10yr2/2 very dark brown Loam 10yr4/3 brown Silt Loam	2
[EB	4-7	7.5vr4/6 strong brown Site I (5 to 20)	3
ſ	BtC	7-29	7.5yr4/6 strong brown Silt Loam/Light Silty Clay Loam 2.5yr5/8 red Clay Loam work	3
1	C/B		2.5yr5/8 red Clay Loam, weak medium SAB, with soft greenstone saprolite (10yr5/4 yellowish brown, 10yr2/1 black Silt Loam)	3
	C/B	29-47	DOM SUDJUILE LIUVEN/4 VELIQUICH brown 10, 2/111 1 011 -	3
Pits			with few wide 2.5yr5/8 red Clay Loam tongues, firm @ 47"	
2	Ap	0-6	7.5yr3/3 dark brown Silt Loam	
	BtC	6-48	5yr5/6 yellowish red Clay Loam/Light Silty Clay Loam, medium	3
			SAB, and common highly weathered greenstone fragments	3
3	Ap	0-1		J
	BE	1-9	7.5yr3/2 dark brown Silt Loam 7.5yr5/4 brown Clay Loam	3
	BtC	9-48	5VT5/6 vellowish red Clay Loan, SAD	3
Not	at Low sha		5yr5/6 yellowish red Clay Loam, SAB, common soft greenstone saprolite (10yr2/1 black, 7.5yr6/8 reddish yellow Silt Loam)	3

Note: Low chroma colors listed above are mineral in nature and not indicative of redoximorphic conditions.

Design Basis

A. Estimated Percolation Rate

59 @ 29 in.

B. Trench bottom square feet Required per bedroom

450 (Standard), 325 (LPD)

C. Number of bedrooms

Area Calculations for Primary Drainfield (Standard Septic Tank and Trenches)

A. B. C. D. E. F. G. H. I.	Length of trench (ft.) Length of available area (ft.) Width of trench (ft.) Number of trenches Center-to-center spacing (ft.) Width required (ft.) Width of available area (ft.) Total square footage required Square footage in design	100 100 3 5 11 47 92 minimum (includes 100% Reserve Area) 1350 1500
J.	Square footage in design Is a reserve area required?	1500 Yes, 100% Reserve Area provided

Area Calculations for Reserve Area (Drip Dispersal)

A. Length of run (ft.)

100

Length of available area (ft.) C.

100

Width of available area (ft.)

45 (minimum)

Total footprint required for drip dispersal (325ft² x 3 bedrooms x 3, as per GMP 107)

2925

Square footage provided

4500



County: Nelson

Date: July 19, 2007

Property Identification: Rockfish Heights

Lot 8

Submitted by: William J. Loth, IV, AOSE #237

Afton Soil Consulting, LLC 222 Sycamore Lane Afton, Virginia 22920 (540) 456-6087

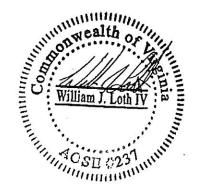
This is to certify according to §32.1-163.5 of the Code of Virginia that work submitted for the referred property is in accordance to and complies with the Sewage Handling and Disposal Regulations of the Virginia Department of Health.

I recommend a subdivision approval be approved.

AOSE

William J. Loth, IV

Date: July 19, 2007



^{&#}x27;This blank must be filled in with one of the following terms: 'permit', 'certification letter', or 'subdivision approval'.

'This blank must be filled in either the term 'approved' or 'denied'

Commo	nwealth of Virgi	nio VDH	Use Only	Page 1 of 5
Application for: D	Sewage System Water Supply	IIIa Health	Department 11)#	
Owner:	Water Supply	Due D	ate:	
Mailing Address:	Winter Wren Partnership LLC	Phone	. / ,	
January Januar	1870 Virginia Avenue	Phone		
Agent:	McLean, Virginia 22103	Fax:		
Mailing Address:	Jace Goodling	Phone:	(434) 531-6166	
B. 1021003,	172 Englande Rock Road	Phone:		
Site Address:	Afton, Virginia 22920	Fax:	+	
	1			
Directions to Prope	rty: North of Pt 627 10	Email:		
	rty: North of Rt. 627, 1.2 miles W	est of Rt. 151		
Subdivision: Ro	ckfish Heights Section: 2			
Tax Map: 21-24	Other Property	Block:	Lot:	70
	Identification:		Dimension/Acreage	2 474
	identification:		of Property:	3.474
The co	Cama			
Type of Approval: Ap	oplicants for new construction are advised upply for a construction permit (valid for	age System		
For New Construction	pplicants for new construction are advised upply for a construction permit (valid for Certification Letter	18 months) only with	ation letter to determine if	land is suitable for a
For Existing Constructi	- Continuation Letter	Construction Possis		1
CONSTRUCT	on: Repair Mod	ification Fermit	Subdivision Roansion	
Proposed Use:			Janston	Replacement
Single Family Hom	e (Number of Bedrooms 4)			
Other (describe)	Dear of mis 4)	Multi-Family Dwellin	g (Total Number of Bedro	Ome)
Willeband				oilis)
Will there be a basemen	t: X Yes No If yes, will there	a ha finter :		
		be lixtures in the Base	ement? Yes No	
Conditions that apply	osed on this construction permit?	es No Ifvon -1		
Temporary use not to	osed on this construction permit? Ye	Limited Occupancy	se check or describe all pro	posed
	Other (describe		intermittent or sea	sonal use
P14	***			William J. Loth TV
vill the water supply be	☐ Public or ☐ Private Water	Supply		THINININI,
		is the Water supply	Existing or Proposed	The dealth or
proposed, is this a repla	cement well? Yes No	Will the old wall be a		11 00 11/ 1/1/
ave any buildings within	100' of the proposed well been termite	the old well be at	bandoned Yes No	EB: ////
	100 of the proposed well been termite	treated? Yes X	Vo.	9:11/11/10XX
			10	William J. Loth IV
this an AOSE/PE applic	ation? Yes No If yes interest	olicants		
	If yes, is the	he AOSE/PE package a	attached? Yes No	
otder for VIDIA				OSE #23
ual and/or proposed building	our application you must attach a site sketch a gs and the desired location of your well and/o osed well and sewage system sites must be	and plat of the		OSE #23
lding location and the prop	gs and the desired location of your well and/o	or sewage system When the	he site sketch should show yo	our property lines
erwise this application will	our application you must attach a site sketch a gs and the desired location of your well and/o osed well and sewage system sites must be cla be denied.	early marked and the pron	erty sufficiently and ucter	d the property lines
Ve permission to the tree	. =0	9 .0	visitie to see	the topography,
cessing this annioation and	ia Department of Health (VDH) to enter onto	the property description		
SE) or a Professional Fnoi	ia Department of Health (VDH) to enter onto to perform quality assurance checks of evaluation (PE) as necessary until the sewage disposers.	ations and designs contact	ring normal business hours fo	r the purpose of
Ligi	(1 E) as necessary until the sewage dispos	sal system has been consti	u by an Authorized Onsite So	il Evaluator
		- 4 401130	and approved.	
ature of Owner/Agent_				
, , , , , , , , , , , , , , , , , , ,			Date	

	Genera	II THIOLI	nation		
Date:5/23/07	Submitted to Nelson	n County	Health Department		
Applicant: Jace Goodling			Telephone: (434) 531-6166		
Address: 172 Englande Rock Roa	d, Afton, Virginia 22	2920	тогерноне, (454) 531-6166		
Owner: Winter Wren Partnership	LLC Address: 18	370 Virgi	nia Avenue, McLean, Virginia 22103		
Location: North of Rt. 627, 1.2 m	iles West of Rt. 151		Trondo, Molecan, Vilginia 22103		
Tax Map: 21-24		Subdiv	vision: Rockfish Heights		
Block/Section: 2		Lot: 9			
	Soil Inform	ation S	ummary		
1. Position in landscape satisfactor		80000			
Describe: backslope					
2. Slope 22 (max) %					
3. Depth to Rock or impervious str	ata: Max. ir	n. 1	Min. 60+ in.		
4. Depth to seasonal water table (g	ray mottling or gray (No ⊠ Yes ☐ Inches		
5. Free water present: No 🛛 Yes	range in inc		- Inches		
6 0-111			tond [] II] III 🛭 IA		
6. Soil percolation rate estimated?		Estimated rate 59 min/inch			
7. Permeability test performed Yes	□ No ⊠		THE ST INITIAL		
9					
☑ Site Approved	Drainfield to be p	placed at	36" depth at site designated on plat		
Site Disapproved			-5		
Reason for Rejection					
Position in landscape subj	ect to flooding or per	india est	4		
Misurincient depth of suital	Die soil over hard rock	ŀ			
· Insufficient depth of suitab	ole soil to seasonal wa	ater table			
· Rates of absorption too slo	W.	2.50 2000007773			
The state of the country of the coun	ble soil for required	drainfiel	d, and or reserve area		
Proposed system too close Other Specify	to well				
yes, note type of test performed and	d attack				
5 , acro cype of test performed an	1 HURCH				

William J. Loth IV

Rockfish Heights, Lot 9 Nelson County

0 - 22	*	PA 1
Soil	Pro	1116

Pits	Horizon	Depth (in)	Material Description	Soil Texture Group
1	Ap	0-2	7.5yr3/2 dark brown Silt Loam	Sou Texture Group
	Е	2-8	10yr6/4 light yellowish brown Silt Loam	3
	BtC	8-60	5yr5/6 yellowish red Clay Loam with common highly weathered greenstone fragments and common soft greenstone saprolite (10yr2/1 black, 10yr6/6 brownish yellow Silt Loam)	3
2	Ap	0-2	10yr3/2 very dark grayish brown Silt Loam	T
ļ	EB	2-12	10yr6/4 light yellowish brown Clay Loam / Light Silty Clay Loam	3
	BtC	12-60	5yr5/8 yellowish red Light Silty Clay Loam with common soft greenstone saprolite (2.5y6/6 olive yellow Silt Loam)	3
3	ApE	0-8	7.5yr4/3 brown Silt Loam	
	BtC	8-60	5yr4/6 yellowish red Clay Loam, very channery, with common soft greenstone saprolite (2.5y6/6 olive yellow Silt Loam)	3

Note: Low chroma colors listed above are mineral in nature and not indicative of redoximorphic conditions.

Design Basis

A.	Estimated Percolation Rate	59 @ 36 in.
B. Rea	Trench bottom square feet quired per bedroom	450
C.	Number of bedrooms	4
Ar	rea Calculations	
A.	Length of trench (ft.)	100
В	Length of available area (ft.)	100
C.	Width of trench (ft.)	3
D.	Number of trenches	6
E.	Center-to-center spacing (ft.)	10
F.	Width required (fl.)	53
G.	Width of available area (fl.)	120 minimum (includes 100% Reserve Area)
H.	Total square footage required	1800
I.	Square footage in design	1800
J.	Is a reserve area required?	Yes, 100% Reserve Area provided



County: Nelson

Date: July 19, 2007

Property Identification: Rockfish Heights

Lot 9

Submitted by: William J. Loth, IV, AOSE #237

Afton Soil Consulting, LLC 222 Sycamore Lane Afton, Virginia 22920 (540) 456-6087

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.

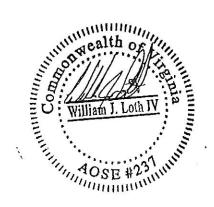
I recommend a subdivision approval be approved.

AOSE

William J. Loth, IV

Date: July 19, 2007

'This blank must be filled in either the term 'approved' or 'denied'.



^{&#}x27;This blank must be filled in with one of the following terms: 'permit', 'certification letter', or 'subdivision approval'.

Page 1 of 5

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Common	wealth of Vi	rainia	VDH Us			
		Health Department ID#				
Application for:		Due Date:				
Owner:	LLC	Phone:	()	-		
Mailing Address:	1870 Virginia Avenue		Phone:	()	•	
	McLean, Virginia 22103			()	-	
Agent:	Jace Goodling		Phone:	(434) 531-6	166	
Mailing Address:	172 Englande Rock Road		Phone:	()	-	
	Afton, Virginia 22920		Fax:	()	-	
Site Address:						
D: 4: 1 D	1 1 1 00 00 10		Email:	1		
Directions to Proper	ty: North of Rt. 627, 1.2 i	niles West of Rt.	151			
Subdivision: Ro	ckfish Heights Section	n: 2	Block:	-T	Late	11
Γax Map: 21-24	Other Property	u Z		Dimension/Ac	Lot:	11
.ux mup. 21 24	Identification:			of Property:	reage	4.283
	Tuolitimoditon,		L	of Froperty.		L
		Sewage Syster	n	3		
ype of Approval: Ap	oplicants for new construction a	re advised to apply	for a certifica	ation letter to det	ermine if	land is suitable for a
ewage system and to	apply for a construction permit	(valid for 18 month	s) only when	ready to build.		
or New Construction or Existing Construct			ction Permit		ivision R	
of Existing Construct	ion; Repair	☐ Modification	Exp	pansion		Replacement
roposed Use:						
Single Family Hon	ne (Number of Bedrooms 4)	Multi-Fa	mily Dwellin	g (Total Number	r of Bedro	noms)
Other (describe)						
Will there has been	4 M V M V V	-::. :			eva .	
Vill there be a baseme	nt: 🖂 Yes 🔝 No If yes	s, will there be fixtu	res in the Bas	sement? 🛛 Yes	i ∐ No	
Are any conditions pro	posed on this construction perm	nit? □ Ves Ⅺ N	o If yes nles	se check or deco	rihe all n	roposed
Conditions that apply:	Reduced Water Flow	Limited	Occupancy	Intermit	tent or se	asonal use
Temporary use not	to exceed I year Othe	er (describe)			01 80	do na do
						asonal use asonal use asonal use William Track
Jill the water supply h	e Public or Private	Water Supply			-	wealth
in the water supply t	Tublic of Mathiatic	IS HIE V	rater suppry [Existing or	y Propos	ed sil sport
proposed, is this a re	placement well? Yes 1	No Will the	old well be	abandoned 🔲 🤇	es \square N	10 8: /////
		20079403401,14200710				EU WILL
ave any buildings wit	hin 100' of the proposed well b	een termite treated?	☐ Yes 🏻	No		
		All Applicants				
this an AOSE/PE and	olication? Yes No	If yes, is the AOS	F/PF package	e attached? M	Vec 🗀 1	No WOOD 31
		11 7 05, 10 1110 1100	DI D PROKEE	c attached? 24	ιω Ц.	11, SE #23
AN MODEL TROUBLEMENT MANAGEMENT						
order for VDH to proce	ss your application you must attach	a site sketch and plat	of the property	. The site sketch s	hould show	your property lines,
ilding location and the r	ildings and the desired location of y proposed well and sewage system si	our well and/or sewag	e system. Whe	n the site evaluation	on is condu	cted the property lines,
herwise this application	will be denied.	tos most be clearly me	area and are h	roperty surficiently	VISIBLE TO	see the topography,
	1 2 2 22 2 2 2					
give permission to the Vi	rginia Department of Health (VDH) to enter onto the pro	perty described	during normal bu	siness hou	rs for the purpose of
OSE) or a Professional	and to perform quality assurance c Engineer (PE) as necessary until the	nccks of evaluations a e sewage disposal svet	na aesigns cert em has been ~	uned by an Author	nzed Onsite	e Soil Evaluator
	5 \ with the	mege olaposm syst	···· mu ocon C	wer never and app	ioyeu,	
malusa afo	.u.s			şilosekle (Kr.)		
gnature of Owner/Ago	ent			Date_		

	General	Information			
Date:5/17/07 Submitted to Nelson County Health Department					
Applicant: Jace Goodling		Telephone: (434) 531-6166			
Address: 172 Englande Rock Rock	ad, Afton, Virginia 22	920			
Owner: Winter Wren Partnership	LLC Address: 18	70 Virginia Avenue, McLean, Virginia 22103			
Location: North of Rt. 627, 1.2 miles West of Rt. 151					
Tax Map: 21-24 Subdivision: Rockfish Heights					
Block/Section: 2		Lot: 11			
<u>*</u>					
	Soil Inform	nation Summary			
1. Position in landscape satisfacto	ory? Yes 🛛 No 🗌				
Describe: backslope					
2. Slope 26 (max) %		·			
3. Depth to Rock or impervious s	trata: Max. 56 in.	Min. 32 in.			
4. Depth to seasonal water table (gray mottling or gray	color): No 🗌 Yes 🖾 Inches 29			
5. Free water present: No 🛛 Y	es 🔲 range in ir	nches -			
6 Cail manufaction rate estimated	Yes 🛛	Texture Group I 🔲 II 🗎 III 🔯 IV 🗍			
6. Soil percolation rate estimated	No 🗌 📗	Estimated rate 87 min/inch			
7. Permeability test performed Ye	es 🗌 No 🛛				
	Deinfield to be	placed at 17" depth at site designated on plat and utilizing a			
		it with current general approval from VDH capable of			
Site Approved	providing Secon	ndary Effluent to the drainfield in accordance with 12 VAC			
		12 VAC 5-610-596, and drip dispersal. Drip dispersal design shall adhere to the requirements of GMP #107.			
Site Disapproved	and instanation	and addicte to the requirements of OMF #101.			
Reason for Rejection	And the second of the second o				
1. Position in landscape su	bject to flooding or p	eriodic saturation			
2. Insufficient depth of su	itable soil over hard re	ock			
3. Insufficient depth of suitable soil to seasonal water table					
4. Rates of absorption too 5. Insufficient area of according to the second seco	SIOW.	ed drainfield, and or reserve area			
6. Proposed system too cl		wealth o			
7. Other Specify		W. 01.11			
If yes, note type of test performed	l and attach	ed drainfield, and or reserve area			
		William V, Loth			
		7,7,7,7,0,10,0,0,0			

Rockfish Heights, Lot 11 Nelson County

Soil Profile

Hole	Horizon	Depth (in)	Material Description	Soil Texture Group
1	Ap	1-0	7.5yr4/2 brown Silt Loam (not redoximorphic)	3
E		1-5	7.5yr5/4 brown Silt Loam	3
	BtC1	3		
	B1C2 29-45 Syr5/8 yellowish red Clay / Silty Clay with soft greenstone saprolite (10yr6/6 brownish yellow, 10yr2/1 black Silt Loam) and 7.5yr5/2 light gray mottles			
	R	45		
	,			
2	Ap	0-2	7.5yr3/2 dark brown Silt Loam (not redoximorphic)	3
	BA	2-8	5ry4/4 reddish brown Silt Loam	3
	BtC1	8-30	Syr5/8 yellowish red Silty Clay Loam with few pockets of soft greenstone saprolite (7.5yr6/8 reddish yellow Silt Loam)	3
	BtC2	30-56	7.5yr5/8 strong brown Clay / Silty Clay with few pockets of soft greenstone saprolite (7.5yr6/8 reddish yellow Silt Loam), common greenstone fragments, and 7.5yr7/1 light gray mottles	3
			110 270 1.1 1.1 1.1 0.1 1.1 0.1 1.1 1.1 1.1 1.	
3	Ap	0-1	10yr3/2 very dark grayish brown Silt Loam (not redoximorphic)	3
	BA	1-8	7.5yr4/4 brown Silt Loam	3
	BtC	8-32	5yr5/6 yellowish red Silty Clay Loam with soft greenstone saprolite (10yr7/6 yellow Silt Loam) and common greenstone fragments	3

Design Basis

A. Estimated Percolation Rate

87 @ 17 in.

B. Area in square feet Required per bedroom 420 (LPD)

C. Number of bedrooms

Area Calculations for Drip Dispersal

A. Length of run (fl.)

200

Length of available area (ft.)

200

C. Width of available area (ft.) 80 (minimum)

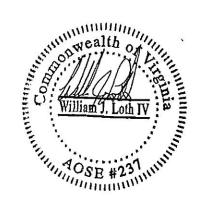
H. Total footprint required for drip dispersal (420ft² x 4 bedrooms x 3, as per GMP 107) 5040

Square footage provided

16000+

Is a reserve area required?

Yes, 100% reserve provided



County: Nelson

Date: July 19, 2007

Property Identification: Rockfish Heights

Lot 11

Submitted by: William J. Loth, IV, AOSE #237

Afton Soil Consulting, LLC 222 Sycamore Lane Afton, Virginia 22920 (540) 456-6087

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.

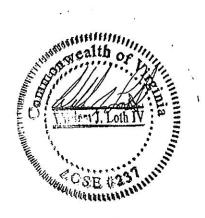
I recommend, a subdivision approval be approved.

AOSE

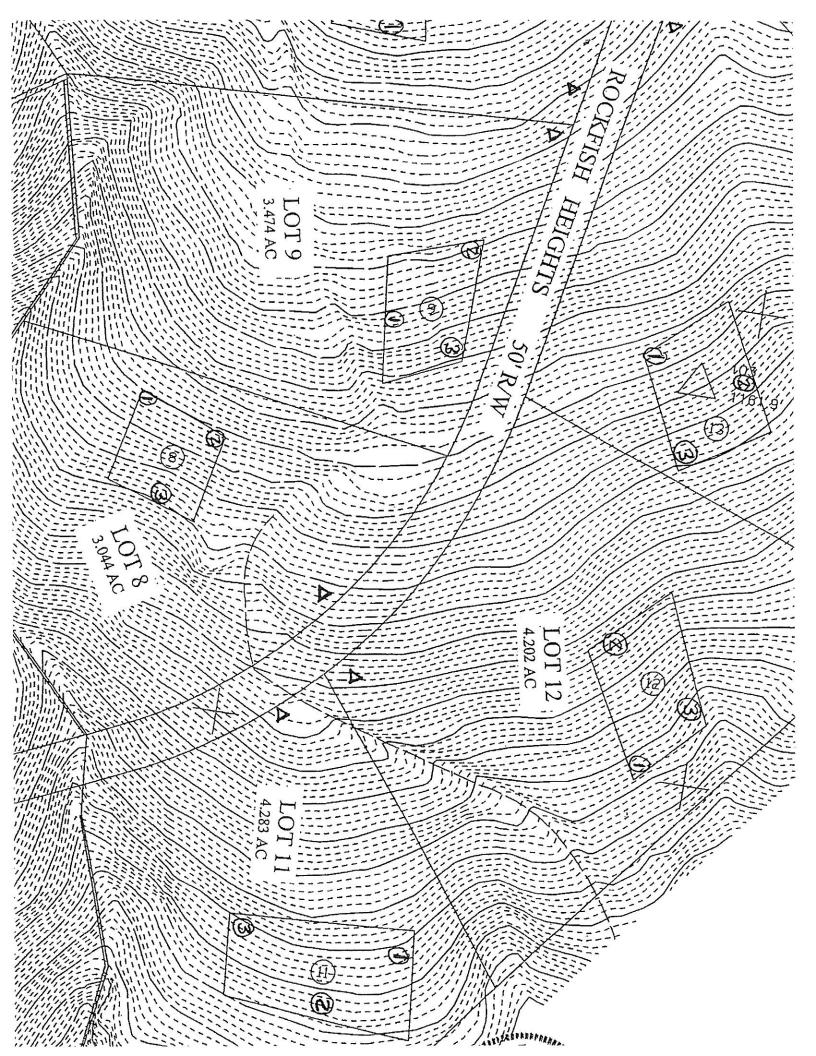
William J. Loth, IV

Date: July 19, 2007

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Page 1 of 5 Commonwealth of Virginia VDH Use Only Health Department ID# Application for: Sewage System Water Supply Due Date: Owner: Winter Wren Partnership LLC Phone: Mailing Address: 1870 Virginia Avenue Phone: McLean, Virginia 22103 Fax: Agent: Jace Goodling Phone: (434) 531-6166 Mailing Address: 172 Englande Rock Road Phone: Afton, Virginia 22920 Fax: Site Address: Email: Directions to Property: North of Rt. 627, 1.2 miles West of Rt. 151 Subdivision: Rockfish Heights Section: Block: Lot: 12 Tax Map: 21-24 Other Property Dimension/Acreage 4.202 Identification: of Property: Sewage System Type of Approval: Applicants for new construction are advised to apply for a certification letter to determine if land is suitable for a sewage system and to apply for a construction permit (valid for 18 months) only when ready to build. For New Construction: ☐ Certification Letter Construction Permit Subdivision Review For Existing Construction: ☐ Repair ☐ Modification Expansion Replacement Proposed Use: Single Family Home (Number of Bedrooms 4) Multi-Family Dwelling (Total Number of Bedrooms Other (describe) Will there be a basement: X Yes No If yes, will there be fixtures in the Basement? X Yes No Are any conditions proposed on this construction permit? Yes No If yes, please check or describe all proposed Conditions that apply: Reduced Water Flow Limited Occupancy Intermittent or seasonal u Intermittent or seasonal use Temporary use not to exceed 1 year Other (describe) Is the Water supply Existing or Proposed S. Will the old well be abandoned Water Supply Will the water supply be ☐ Public or ☒ Private If proposed, is this a replacement well?
Yes
No Have any buildings within 100' of the proposed well been termite treated? \(\subseteq\) Yes \(\times\) No All Applicants Is this an AOSE/PE application? X Yes No OSE #2 If yes, is the AOSE/PE package attached? X Yes No In order for VDH to process your application you must attach a site sketch and plat of the property. The site sketch should show your property lines, actual and/or proposed buildings and the desired location of your well and/or sewage system. When the site evaluation is conducted the property lines, building location and the proposed well and sewage system sites must be clearly marked and the property sufficiently visible to see the topography, otherwise this application will be denied. I give permission to the Virginia Department of Health (VDH) to enter onto the property described during normal business hours for the purpose of processing this application and to perform quality assurance checks of evaluations and designs certified by an Authorized Onsite Soil Evaluator (AOSE) or a Professional Engineer (PE) as necessary until the sewage disposal system has been constructed and approved. Signature of Owner/Agent Date

General Information					
Date:5/24/07 Submitted to Nelson County Health Department					
Applicant: Jace Goodling Telephone: (434) 531-6166					
Address: 172 Englande Rock Road, Afton, Virginia 22920					
Owner: Winter Wren Partnership LLC Address: 1870 Virginia Avenue, McLean, Virginia 22103					
Location: North of Rt. 627, 1.2 miles West of Rt. 151					
Tax Map: 21-24 Subdivision: Rockfish Heights					
Block/Section: 2 Lot: 12					
· · · · · · · · · · · · · · · · · · ·					
Soil Information Summary					
1. Position in landscape satisfactory? Yes 🖾 No 🗌					
Describe: backslope					
2. Slope 29 (max) %					
3. Depth to Rock or impervious strata: Max. in. Min. 48 in.					
4. Depth to seasonal water table (gray mottling or gray color): No 🛛 Yes 🗍 Inches					
5. Free water present: No 🛛 Yes 🗌 range in inches					
Yes \ Texture Group I \ II \ III \ IV \					
6. Soil percolation rate estimated? No Estimated rate 65 min/inch					
7. Permeability test performed Yes No 🛛					
To Ed					
☑ Site Approved Drainfield to be placed at 30" depth at site designated on plat					
Site Disapproved					
Reason for Rejection					
Position in landscape subject to flooding or periodic saturation					
Insufficient depth of suitable soil over hard rock					
Insufficient depth of suitable soil to seasonal water table					
Rates of absorption too slow.					
Insufficient area of acceptable soil for required drainfield, and or reserve area					
5. Proposed system too close to well					
7. Other Specify					
f yes, note type of test performed and attach					
William.					

William J. Loth IV

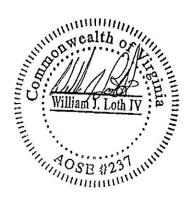
Rockfish Heights, Lot 12 Nelson County

Soil Profile

Pits	Horizon	Depth (in)	Material Description	Soil Texture Group
1	ABp	0-9	5yr3/3 dark reddish brown Clay Loam	3
	Bt	9-48	2.5yr4/6 red Clay Loam with many colluvial fragments	3
	R	48		
2	Ар	0-2	5yr3/3 dark reddish brown Loam	
Z				2
	BE	2-8	Syr5/4 reddish brown Loam	2
	BtC	8-48	2.5yr4/8 red Clay Loam, weak coarse SAB, with common highly weathered colluvial fragments	3
3	Ap	0-1	5yr3/3 dark reddish brown Loam	2
	E	1-3	7.5yr5/4 brown Loam	2
	BE	3-10	5yr4/4 reddish brown Clay Loam	3
	Bt	10-48	2.5yr4/8 red Clay Loam, coarse SAB	3

Design Basis

A.	Estimated Percolation Rate	65 @ 30 in.			
	Trench bottom square feet quired per bedroom	496			
C.	Number of bedrooms	4			
Area Calculations					
Α.	Length of trench (ft.)	100			
В	Length of available area (fl.)	100			
C.	Width of trench (ft.)	3			
D.	Number of trenches	7			
E.	Center-to-center spacing (ft.)	П			
F.	Width required (ft.)	69			
G.	Width of available area (ft.)	145 minimum (includes 100% Reserve Area)			
H.	Total square footage required	1984			
I.	Square footage in design	2100			
J.	Is a reserve area required?	Yes, 100% Reserve Area provided			



County: Nelson

Date: July 19, 2007

Property Identification: Rockfish Heights

Lot 12

Submitted by: William J. Loth, IV, AOSE #237

Afton Soil Consulting, LLC 222 Sycamore Lane Afton, Virginia 22920 (540) 456-6087

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.

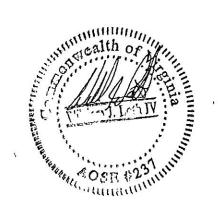
I recommend a subdivision approval be approved.

AOSE

William J. Loth. IV

Date: July 19, 2007

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¹ This blank must be filled in with one of the following terms: 'permit', 'certification letter', or 'subdivision approval'.

Page 1 of 5 Commonwealth of Virginia VDH Use Only Health Department ID# Application for: Sewage System Water Supply Due Date: Owner: Winter Wren Partnership LLC Phone: Mailing Address: 1870 Virginia Avenue Phone: McLean, Virginia 22103 Fax: Agent: Jace Goodling Phone: (434) 531-6166 Mailing Address: 172 Englande Rock Road Phone: Afton, Virginia 22920 Fax: Site Address: Email: Directions to Property: North of Rt. 627, 1.2 miles West of Rt. 151 Subdivision: Rockfish Heights Section: Block: Lot: 13 Tax Map: 21-24 Other Property Dimension/Acreage 5.085 Identification: of Property: Sewage System Type of Approval: Applicants for new construction are advised to apply for a certification letter to determine if land is suitable for a sewage system and to apply for a construction permit (valid for 18 months) only when ready to build. For New Construction: ☐ Certification Letter Construction Permit Subdivision Review For Existing Construction: ☐ Repair Modification Expansion Replacement Proposed Use: Single Family Home (Number of Bedrooms 4) ☐ Multi-Family Dwelling (Total Number of Bedrooms Other (describe) Will there be a basement: Yes No If yes, will there be fixtures in the Basement? X Yes No Are any conditions proposed on this construction permit?

Yes

No If yes, please check or describe all proposed Conditions that apply: Reduced Water Flow Limited Occupancy ☐ Intermittent or seasonal use Temporary use not to exceed 1 year Other (describe) Water Supply Will the water supply be Public or Private Is the Water supply Existing or Proposed If proposed, is this a replacement well? Yes No Will the old well be abandoned [William J. Loth Have any buildings within 100' of the proposed well been termite treated? Yes No All Applicants Is this an AOSE/PE application?

✓ Yes

✓ No OSE #2 If yes, is the AOSE/PE package attached? X Yes No In order for VDH to process your application you must attach a site sketch and plat of the property. The site sketch should show your property lines, I give permission to the Virginia Department of Health (VDH) to enter onto the property described during normal business hours for the purpose of (AOSE) or a Professional Engineer (PE) as necessary until the sewage disposal system has been constructed and approved.

actual and/or proposed buildings and the desired location of your well and/or sewage system. When the site evaluation is conducted the property lines, building location and the proposed well and sewage system sites must be clearly marked and the property sufficiently visible to see the topography, otherwise this application will be denied.

processing this application and to perform quality assurance checks of evaluations and designs certified by an Authorized Onsite Soil Evaluator

Signature of Owner/AgentDate

	General	Inform	aanon	
Date:5/24/07 Submitted to Nelson County Health Department				
Applicant: Jace Goodling		Telephone: (434) 531-6166		
Address: 172 Englande Rock Road, Afton, Virginia 22920				
Owner: Winter Wren Partnership LLC Address: 1870 Virginia Avenue, McLean, Virginia 22103				
Location: North of Rt. 627, 1.2 miles West of Rt. 151				
Tax Map: 21-24		Subdivision: Rockfish Heights		
Block/Section: 2		Lot: 13		
Soil Information Summary				
1. Position in landscape satisfactory?	Yes 🛛 No 🗌	2		
Describe: backslope				
2. Slope 27 (max) %				
3. Depth to Rock or impervious strata: Max. in. Min. 48 in.				
4. Depth to seasonal water table (gray	mottling or gray c	olor):	No ⊠ Yes ☐ Inches	
5. Free water present: No 🛛 Yes [range in inc	hes	-	
6. Soil percolation rate estimated?	Yes 🛛 T	exture (Group I 🗌 II 🗎 III 🗵 IV 🔲	
o. con perconation rate estimateur	No E	Estimated rate 65 min/inch		
7. Permeability test performed Yes 🗌 No 🖂				
⊠ Site Approved	Drainfield to be placed at 30" depth at site designated on plat		30" depth at site designated on plat	
☐ Site Disapproved				
Reason for Rejection				
1. Position in landscape subject to flooding or periodic saturation				
 Insufficient depth of suitable soil over hard rock Insufficient depth of suitable soil to seasonal water table 				
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				
5. Proposed system too close to well				
7. Other Specify				
If yes, note type of test performed and attach				
The state of the s				

William J. Loth IV

Soil Profile

Pits	Horizon	Depth (in)	Material Description	Soil Texture Group
1	Ap	0-4	5yr3/3 dark reddish brown Fine Sandy Loam	2
BtC 4-33 C/B 33-48		4-33	2.5yr4/6 red Clay Loam, weak coarse SAB, with few pockets of soft greenstone saprolite (2.5y6/4 light yellowish brown Silt Loam)	3
		33-48	Soft greenstone saprolite (2.5y6/4 light yellowish brown Silt Loam) with few thin 2.5yr4/6 red Clay Loam tongues and common highly weathered greenstone fragments	3
	R	48	Saprolite became firm	
2	Ap	0-4	5yr3/3 dark reddish brown Silt Loam	3
	BtC	4-34	2.5yr4/8 red Clay Loam, coarse SAB, with few highly weathered greenstone fragments	3
	C/B	34-48	Soft greenstone saprolite (10yr4/4 dark yellowish brown Silt Loam) with few 2.5yr4/8 red Clay Loam tongues	3
,				
3	Ap	0-4	5yr4/3 reddish brown Silt Loam	3
	BtC1	4-15	5yr5/4 reddish brown Clay Loam, with common 10yr5/6 yellowish brown Silt Loam saprolite	3
	BtC2	15-48	2.5yr4/8 red Clay Loam, SAB, with common 10yr5/6 yellowish brown Silt Loam saprolite	3

Design Basis

A. Estimated Percolation Rate

65 @ 30 in.

B. Trench bottom square feet

496 (Traditional) and 342 (LPD)

Required per bedroom C. Number of bedrooms

Area Calculations for Primary Drainfield (Traditional Septic Tank and Trenches)

A.	Length of trench (ft.)	100
B	Length of available area (ft.)	100
C.	Width of trench (ft.)	3
D.	Number of trenches	7
E.	Center-to-center spacing (ft.)	11
F.	Width required (ft.)	69
G.	Width of available area (fl.)	130 minimum (includes 100% Reserve Area)
H.	Total square footage required	1984
I.	Square footage in design	2100
J.	Is a reserve area required?	Yes, 100+% Reserve Area provided

Area Calculations for Reserve Area (Drip Dispersal)

A. Length of run (ft.)

100

Length of available area (ft.)

Width of available area (ft.)

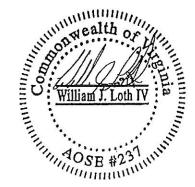
100 61 (minimum)

Total footprint required for drip dispersal $(342 ft^2 \times 4 \text{ bedrooms } \times 3, \text{ as per GMP 107})$

4104

E. Square footage provided

6100



County: Nelson

Date: July 19, 2007

Property Identification: Rockfish Heights

Lot 13

Submitted by: William J. Loth, IV, AOSE #237

Afton Soil Consulting, LLC 222 Sycamore Lane Afton, Virginia 22920 (540) 456-6087

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.

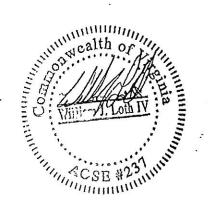
I recommend, a subdivision approval be approved.

AOSE

William J. Loth, IV

Date: July 19, 2007

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