

THREE RIVERS HEALTH DISTRICT P.O. BOX 415 SALUDA, VIRGINIA 23149

OSE Construction Permit

Sewage Contractors: Please notify Health Department and OSE or PE 48 hours prior to installation to arrange for inspection

January 7, 2022

William K. Peyton 2709 Menokin Rd. Warsaw, Va. 22572

RE:

Tax Map: 16(4)2C

HDID: 179-21-0083

System Capacity: Commercial (Wedding Venue with bathrooms in barn); 750 gallons per day maximum based on a Maximum of 150 Guest with food and drink service to be catered with no kitchen or cleanup onsite. Wastewater Characterization on file by Joel Pinnix dated 12/8/21 verifying Residential Strength Wastewater. If more than 59 events per year are proposed, owner must contact The Office of Drinking in Richmond for evaluation of water supply.

Dear Mr. Peyton:

This letter and the attached drawings, specifications, and calculations (10 pages) dated 12/11/21, constitute your permit to connect to a sewage disposal system and well if applicable on the property referenced above. Your application for a permit was submitted pursuant to §32.1-163.5 of the Code of Virginia, which requires the Health Department to accept private soil evaluations and designs from an Onsite Soil Evaluator (OSE) or a Professional Engineer working in consultation with an OSE for residential development. VDH is not required to perform a field check to verify the private evaluations of OSEs or PEs and such a field check may not have been conducted for the issuance of this permit.

The soil absorption area ("site"), sewage system design, and the well location and construction if applicable were certified by Alwyn W. Davis Jr., Private OSE as substantially complying with the Board of Health's regulations (and local ordinances if the locality has authorized the local health department to accept private evaluations for compliance with local ordinances). This permit is issued in reliance upon that certification. VDH hereby recognizes that the soil and site conditions acknowledged by this permit are suitable for the installation of an onsite sewage system. This construction permit is null and void if any substantial physical change in the soil or site conditions occurs where a sewage disposal system is to be located.

If modifications or revisions are necessary between now and when you construct your dwelling, please contact the OSE/PE who performed the evaluation and design on which this permit is based. Should revisions be necessary during construction, your contractor should consult with the OSE/PE that submitted the site evaluation or site evaluation and design. The OSE/PE is authorized to make minor adjustments in the location or design of the system at the time of construction provided adequate documentation is provided to the Three Rivers Health District.

The OSE/PE that submitted the certified design for this permit is required to conduct a final inspection of this sewage system when it is installed and to submit an inspection report and completion

statement. As the owner, you are responsible for giving reasonable notice to the OSE/PE of the need for a final inspection. If the designer is unable to perform the required inspection, you may provide an inspection report and completion statement executed by another OSE/PE. The Three Rivers Health District is not required to inspect the installation but may perform an inspection at its sole discretion. No part of this installation shall be covered until it has been inspected by the OSE/PE as noted herein. The sewage system may not be placed into operation until you have obtained an Operation Permit from the Three Rivers Health District.

This Construction Permit is null and void if conditions are changed from those shown on your application or if conditions are changed from those shown on the Site and Soil Evaluation Report and the attached construction drawings, specifications, and calculations. VDH may revoke or modify any permit if, at a later date, it finds that the site and soil conditions and/or design do not substantially comply with the Sewage Handling and Disposal Regulations, 12 VAC 5-610-20 et seq., or if the system would threaten public health or the environment.

This permit approval has been issued in accordance with applicable regulations based on the information and materials provided at the time of application. There may be other local, state, or federal laws or regulations that apply to the proposed construction of this onsite sewage system. The owner is responsible at all times for complying with all applicable local, state, and federal laws and regulations. This construction permit is transferrable until expired or deemed null and void. A permit transfer form may be found on the VDH website at http://www.vdh.virginia.gov/environmental-health/gmp-2015-01-forms/.

If you have any questions, please contact me at (804)-333-4043.

This permit expires: July 7, 2023.

Sincerely,

George Sanford,

Environmental Health Specialist, Sr.

Three Rivers Health District

CC: Private OSE

WHAT YOU WILL NEED TO GET YOUR SEPTIC SYSTEM OPERATION PERMIT

- Your system must have a satisfactory inspection at the time of installation. This will be done by either a representative of the local Health Department, a private OSE, or a PE, depending on the designer of your permitted system. If your system is designed/inspected by an OSE or PE, they must submit a copy of the inspection results, complete with an as-built diagram, to the Health Department.
- Please ensure that your contractor turns in a Completion Statement to the local Health Department after installation.
- If your permit is for an alternative system, you must sign, have notarized, and record the attached Notice of Recordation in your locality's land records. Please bring proof of this recordation to the local Health Department
- If you have a conditional permit then you must sign, have notarized, and record the permit in your locality's land records. Please bring proof of this recordation to the Health Department.

IF YOUR PERMIT IS FOR BOTH A SEPTIC SYSTEM AND WELL YOU WILL ALSO NEED

- Your well must have satisfactory inspection results after installation. Please give the Health
 Department several days notice to schedule this inspection before your Operation Permit will be
 requested.
- The Health Department must receive a copy of your water sample test result being negative/satisfactory for coliform bacteria. You are responsible for performing this test and ensuring the results are received at the Health Department
- Please ensure that your Well Driller submits a Uniform Water Well Completion Statement or GW-2 to the Health Department, including documentation of a proper well abandonment if required by permit

Allow 5 business days after the last piece of documentation is received for the Operation Permit to be issued. To avoid delays, clearly label each piece of documentation with the property Tax Map/GPIN number and HDID number shown above and on your construction permit. Please note that due to the individual circumstances of your permit there may be additional required items not covered by this checklist.

If you have any questions about any of the items on this list, please do not hesitate to contact the Three Rivers Health District at (804)-333-4043.

HDID# 179-21-0083	IN ²	OUT ²	N.O.3	N.A.4	Comments
Tax Map# 16(4)2C					Wedding Venue with restrooms in barn
EHSS: GWS III					
Location					
Site features affecting well and septic	X				200° S.S. by OSE.
system location identified		7/1			11 e T 1
Landscape position identified	X				sideslope
Absorption Area	X				
House site located	X				
Other:					
Separation Distance adequate	X				W.T. 64"+ install 46"
Adequate triangulation/scale	X				
Depth					
Limiting factors (or lack of) noted	X				
Depth adequate for slope	X				2-3%
Depth adequate for limiting factors	X				
Timed-Dosing specified (if required)				X	
Capacity					
Absorption area adequately evaluated (number and location of borings/pits)	X		7.		
Design flow adequate for intended use	X				750 GPD design based on 150 guest max. with catered food and drink service/ no kitchen or cleanup onsite. If more than 59 events per year the owner will need to contact the Office of Drinking Water to verify water supply type. Wastewater Characterization on file.
Adequate trench area, based on flow	X				15
& estimated/measured perc rate	-				
Adequate footprint area (including			X		W
reserve area, if required)					Coming
Treatment					Septic
Treatment level specified					
Treatment level adequate for					100
specified absorption area depth	-	1	-		(1)
Treatment capacity adequate for		12			
design flow		2.7			
Level II Review	WN 12	O T I I I	N 0 3	N7 4 4	
Date of Level II Review	IN ²	OUT ²	N.O.3	N.A.4	Comments
Location					
Site features affecting affecting			3		
location adequately identified		10			
Separation distances adequate					
Landscape position identified &					
adequate				1	
Slope adequately identified					
Depth Control of the line of t	+				
Depth to limiting factors adequate (A)					
Capacity			50		
Estimated perc rate adequate (A)					
Treatment			9 - 3		
Correct level of treatment identified					

Correct level of treatment identified

DAVIS OSE WARECEIPT

PAGE / OF /0

Davis Onsite Soil Evaluations, L.L.C. Alwyn W. Davis Jr. (AOSE # 194000136)

AOSE/PE Report For:

H.D.COP

SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERM

		Richmond		County
Location of Property:	Subdivision:	N/A	Section:	Lot:
	Tax Map Nu	mber: 16 ((4)) 2C	HDID: 179	-21-0083
Applicant or Client an	d Address:		Prepared by AOSE	
William K. Peyton		Davis Onsite Soil Evaluations L.L.C.		AMA PM T
2709 Menokin Road		P.O. Box 3133 Tappahannock, VA 22560		1
Warsaw, VA 22572				A RECEIVED
(804) 761-9429		Phone (804) 366-11	137	DEC 2 2 2021
		Email: awdavis272@g	mail.com	(Debut

Date of Report:	12-11-2021	AOSE/PE Job Number:	E I Mar Ma
Revision Date:		Health Dept. iD Number:	179-21-0083

Contents/Index of this Report²

Application	Soil Boring Locations, 200' Sanitary Survey	Construction Notes
Construction Specifications	Abbreviated Design Reports	
Soil Summary Report	Wastewater Characterization	
Soil Profile Descriptions	Construction Drawings	(in no particular order)

Certification Statement(s)3

I hereby certify that the evaluations and/or designs contained herein were conducted in accordance with the Sewage Handling and Disposal Regulations (12 VAC5-610), the Private Well Regulations (12 VAC5-615), and other applicable policies of the Virginia Department of

Health. Furthermore, I certify that my evaluation and/or design contained herein complies with all applicable laws, regulations, and policies implemented by the Virginia Department of Health.

The work attached to this cover page has been conducted under an exemption to the practice of engineering, specifically the exemption in Code of Virginia Section 54.1-402.A.11

Alwyn W. Davis Jr.
VA AOSE # 1940001136

December 11, 2021

1/2-11-2021

I recommend a Construction Permit 4 be

4 be Approved

5

	onwealth of Vir	rginia	ED S	010:179-6	- 1
Owner	William K. Peyton	EST PE	M21 Phone	(804) 761-9429	
Mailing Address	2709 Menokin Road	OFC 55	Phone		
	Warsaw, VA 22572	(a) dien	Fax		
Agent	Davis Onsite Soil Evaluations	L.L.C.	Phone	(804) 366-1137	
Mailing Address	P.O. Box 3133	C' ST WAY	Ma		
•	Tappahannock, VA 22560		_		
Site Address	2709 Menokin Road.		_		
			Email	awdavis272@gi	mail.com
Directions to Proper	y: 2709 Menokin Road.				
Subdivision N	IA S	ection	Block	Lot _	
Tax Map 16 (4)) 2C Other I	Property Identification	Dimension/	Acreage of Property	72 Acres
X Other (describ Will there be a ba Are any condition conditions that ap	Home: Number of Bedrooms (A) Restrooms for Barn / W See Email for Seement? Yes X I	Modification Multi-Far /edding Venue (See A Dofai S No If yes, will the n permit? Yes N ater Flow □ Limit	re be fixtures in the No X If yes, pleaded Occupancy	total Number of Bed er Characterization he basement?	Yes
	E	xisting Class IIIA or E		X Existing	Proposed
	117	Yes No Will well been termite trea	the old well be a	bandoned?	Yes No
Is this an AOSE/	PE application? X Yes	All Applicants	e AOSE 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

Map Reference: 16 ((4)) 2C

Sewage Disposal System Construction Specifications

GENERAL INFORMATION

New X

Repair

Expanded

Conditional

Owner: William K. Peyton Telephone: (804) 761-9429

Address: 2709 Menokin Road. Arsaw, VA 22572

For a Type I Sewage disposal system, which is to be constructed on/at: #2709 Menokin Road.

Actual or estimated water use: 750 GPD (See Wastewater Characterization)

DESIGN	NOTES
Water Supply, Existing: (describe): Class 3 A or B, 4" Well, 100'+ From Proposed Septic Tank & SDS	
Building sewer: 4"I.D. PVC sch 40, or equivalent Slope 1.25" per 10' minimum Other:	
Septic Tank: Capacity (2) 1000 Gallon Septic Tanks in series Other: According to 2000 SHDR Regulations	
Inlet-Outlet Structure PVC sch 40, 4" tees or equivalent Other: Install effluent filter in Outlet Tee of second Tank with Access Riser	
Pump and Pump Station: No Yes describe and show design:	
Gravity Main: 4" I.D., minimum 6" fall per 100', Sch. 40 PVC, Prime & Glue all Joints Other:	
Distribution Box: ■ Precast concrete box with 8-10 ports	
Header Lines: 3000 Lb. Crush Strength PVC. 2" fall Minimum, 2' into Absorption Trench	
Absorption Trenches: 9' Center-to-Center Spacing, 2-4" fall per 100' Square ft. required: 1020 ft²; depth from ground surface to bottom of trench: 46" Trench width: 36" Length of lines: 4; Depth of aggregate 13"	

CONTRACTOR TO CONTACT Alwyn W. Davis Jr. AT 804-366-1137 TO SCHEDULE AN INSPECTION. NO PART OF THIS SYSTEM IS TO BE COVERED UNTIL INSPECTED AND APPROVED. CALL IN ADVANCE TO ASSURE THAT I WILL BE AVAILABLE. CONTRACTOR IS RESPONSIBLE FOR INSPECTION FEE.

Need 990 \$ 60 + 1020 \$

CONSTRUCTION NOTES

- -Install (2) 1000 Gallon Septic Tanks a minimum of 10' from building foundation. Contractor is responsible for ensuring that all tanks are properly sealed and watertight.
- -Install Effluent Filter in outlet side of septic tank. Note: According to the Richmond County Septic System Pump-Out/Inspection Program, owners who have an effluent filter installed in the outlet of their septic tank are not required to pump out their septic tank every five years. However, Davis Onsite Soil Evaluations L.L.C. recommends that your septic tank be pumped out at least every three years.
- Use 3000lb. Crush Strength PVC for Header Lines.
- All PVC from Dwelling to Distribution Box to be Sch. 40 primed & glued.
- 8-10 Port Concrete Distribution Box.
- -Install 4 lines 85' long and 3' wide, at 46" depth on contour, 9' center-to-center spacing. Corners have been set with laser level and flagged in field.
- -Use clean .5"-1.5", # 57 stone in trenches, 13" aggregate depth. Cover with filter cloth NO SUBSTITUTION FOR GRAVEL
- -KEEP ALL PARTS OF SYSTEM 10'+ FROM UNDERGROUND UTILITIES, 5' + From Property Lines
- Do Not Drive Over SDS or COMPACT SITE PRIOR TO OR AFTER INSTALLATION
- Install System In Dry Conditions Only!
- System to be installed by DPOR certified installer
- -COMPLY WITH ALL LOCAL, STATE AND OSHA REGULATIONS.
- -Contact Alwyn W. Davis Jr. at (804) 366-1137 prior to installation to schedule a construction inspection. No part of this system is to be covered prior to inspection. Recommend calling in advance to assure that I will be available.

INSPECTION FEE SCHEDULE AS FOLLOWS:
48 Hours Notice to Alwyn W. Davis Jr. 804-366-1137
\$300 To Be Paid by Contractor at Time of Inspection

Davis Onsite Soil Evaluations L.L.C.

Important Septic System Construction Notes To BE Read Carefully By Applicants and Installers

- Installations shall be in accordance with the most current Virginia Department of Health Sewage Handling and Disposal Regulations.
- No buried utility lines shall be closer than 10' to any component of this system.
- Do not install this sewage disposal system or clear the proposed area during periods of wet weather or when soil conditions
 are wet. Installers are encouraged to review State Health Regulation 12 VAC 5-610-700 Site Preparation and Alteration
 to determine suitability of soil before installing this system.
- All Hydrophilic trees (Weeping Willow, Maple, Gum, Sycamore, Cottonwood, Locust etc.) within 10° of this Sewage
 Disposal System should be removed (grind all tree stumps when proposed Sewage Disposal System is installed at a depth
 of less than 24).
- Land Clearing resulting in a significant change of the original grade or soil continuity will void this permit.
- Drainfield trenches should be placed on contour, pads should be level.
- Roof drains, basement sump discharges (non-sewage), floor drains, focting drains, etc. are not permitted to be connected to the this sewage disposal system.
- Divert all roof drainage and all other surface water runoff eway from the primary and reserve drainfield areas.
- (CAP and CROWN) The minimum cover or fill over aggregate is 12"; Soil cover must be crowned in a way that promotes
 surface drainage away from the drainfield area and prevents pending of water on or around the drainfield area.
- Immediate seeding and straw application is required over and around the drainfield area to prevent crosion.
- Keep Structures, equipment, vehicles, lawn irrigation, etc. off the primary and reserve drainsteld areas.
- This Sewage Disposal System and/or Water Supply system is to be constructed as specified on this permit, drawing, and specifications. Alwyn W. Davis Ir., AOSE #138 must be notified prior to any necessary changes to the design of this system (804) 366-1137.
- Alwyn W. Davis Jr. AOSE #136 must be notified at least 2 Business Days prior to find inspection. Voicemail messages must be confirmed in order to establish an inspection appointment. Please call (804) 366-1137 to arrange an inspection appointment.
- All conventional drainfield designs, which require a pump to convey effluent to a distribution box and drainfield, will require a pump drawdown Inspection. Contractors please make arrangements to have the complete system ready for inspection.
- Completion and Inspection Statements will not be released until payment is received for the system inspection and/or design.
- Please contact Alwyn W. Davis Jr. AOSE #138 when using any type of substitute system for AOSE approval. Size reductions for trenches are not recommended.
- The performance of any alternative system used in any permit design is not guaranteed by Davis Onsite Soil Evaluations, L.L.C. Only alternative treatment systems approved by the Virginia Department of Health can be used for onsite septic system designs. Davis Onsite Soil Evaluations LLC. Assumes their performance based on this approval.
- It is the property owners responsibility to ensure that the proposed well, printury drainfield, and reserve drainfield area is
 designed and installed on the applicants property and does not interfere with utilities and easements.

SOIL SUMMARY REPORT

Date: 11-29-2021			General Inf	formation			
Telephone Number: 804-366-1137 Address: P.O. Box 3133 Tappahannock, VA 22560 Owner: William K. Peyton Address 2709 Menokin Road. Warsaw, VA 22572 Location: 2709 Menokin Road. Subdivision: NA Block/Section: Lot: 72 Ac. Soil Information Summary 1. Position in landscape satisfactory: Yes X No Describe: Side Slope, Upland Topography 2. Slope: 2-3 % 3. Depth to rock/Impervious strata: Max: NA Min: NA None: XX 4. Depth to seasonal water table (gray mottling or gray color): N/A 5. Free water present: No X Yes Range in inches: n/a 6. Soil percolation rate estimated: Yes X Texture Group: IX II III IV No Estimated Rate: 15 min/in at installation depth 7. Percolation test performed: Yes No X If yes, note type of test performed and attach: X Site Approved: Drainfield trench bottoms to be placed at 46" Primary & Reserve Site Disapproved: Reasons for rejection: (check all that apply) 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 over hard rock. 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.	Date:	11-29-2021		Richmon	d County Hea	ith Department	
Address: P.O. Box 3133 Tappahannock, VA 22560	Applicant:	Davis Onsite Soil Eval	uations L.L.C.				
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6. Soil percolation rate estimated: No Estimated Rate: 15 min/in at installation depth 7. Percolation test performed: Yes No X If yes, note type of test performed and attach: Department Use X Site Approved: Trishall YG Department Use X Site Approved: Check all that apply) 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. Proposed system too close to well.							
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7. Percolation test performed: No X If yes, note type of test performed and attach: Department Use X Site Approved: Department Use X Site Approved: Site Disapproved: Reasons for rejection: (check all that apply) I. 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. Reserve Area. Proposed system too close to well.	6. Soil perco	olation rate estimated:		-	6		
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Department Use X Site Approved: Drainfield trench bottoms to be placed at				L	1.64"+		
Department Use X Site Approved: Drainfield trench bottoms to be placed at	If yes, not	te type of test performed a	nd attach:	I	stall were		
X Site Approved: Drainfield trench bottoms to be placed at 46" Primary & Reserve Site Disapproved: Reasons for rejection: (check all that apply) 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.					46		
X Site Approved: Drainfield trench bottoms to be placed at 46" Primary & Reserve Site Disapproved: Reasons for rejection: (check all that apply) 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.			Denartm	ent Use			
Site Disapproved: Reasons for rejection: (check all that apply) 1.	X Site Annre	oved: Drainfield trench			mary & Reserve		
Reasons for rejection: (check all that apply) 1.			ostonio to oo pidooc	10 111			
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 5. Insufficient area of acceptable soil for required drainfield, and/or Reserve Area. 6. Proposed system too close to well. 	ļ	•					
	5. E	-		ired drainfiel	d, and/or Reserve Ai	rea.	
7. Other (specify)	6. E						
	7.	Other (specify)					

SOIL PROFILE DESCRIPTION REPORT

Date of Ev	aluation: 11-	29-2021	Richmond County Tax Map # 16 ((4)) 2C	
Hole #	Horizon	Depth (inches)	Description of color, texture, etc.	Texture Group
1	Ap	00-12	10YR 4/3 Brown, VFSL	IIa
	E	12-15	10YR 5/4 Yellowish Brown, FSCL	Ila
	В	15-30	7.5YR 5/6 Strong Brown, friable, light SCL	IIa
	BC	30-54	7.5YR 5/8 Strong Brown, LS, 10-15 mpi	I
	ВС	54-64	10YR 6/8 Brownish Yellow, LS, 5-10 mpi, clean, dry horizon	I
2	Ap	00-12	10YR 4/3 Brown, VFSL	IIa
	Е	12-22	10YR 5/4 Yellowish Brown, FSCL	Ila
	В	22-30	7.5YR 5/6 Strong Brown, friable, light SCL	IIa
	ВС	30-52	7.5YR 5/8 Strong Brown, LS, 10-15 mpi	I
	ВС	52-64	10YR 6/8 Brownish Yellow, LS, 5-10 mpi, clean, dry horizon	I
3	Ap	00-12	10YR 4/3 Brown, VFSL	IIa
	Е	12-15	10YR 5/4 Yellowish Brown, FSCL	IIa
	В	15-30	7.5YR 5/6 Strong Brown, friable, light SCL	Ila
	BC	30-54	7.5YR 5/8 Strong Brown, LS, 10-15 mpi	I
	ВС	54-66	10YR 6/8 Brownish Yellow, LS, 5-10 mpi, clean, dry horizon	I
<u></u>				

Notes: SDS Corners Flagged & Labeled Onsite

PRIMARY & RESERVE ABBREVIATED DESIGN FORM

Tax	Man
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Richmond Co. 16 ((4)) 2C

	Desig	n Basis				
Estimated percolation rate:	15 mpi	Gallons Per Day:	750			
Proposed Distribution Method (select one):						
Gravity, Pump to Gravity, or Enhanced Flo	w: Gravity	LPD or drip dispersal:				
Square feet of trench bottom required per b above:	edroom (from Ta	ble 5.4 of SHDR) based on the distri	bution method selected			
Square feet per 100 gallons:	132 ft ²	Total square feet required:	990 ft²			
	Area Ca	lculations:				
Number of trenches:	4	Length of trenches:	85'			
Width of trenches:	3'	Center to center spacing:	9'			
Reserve required?	Yes	Percent reserve area required:	100			
Total width of required absorption area:	30'	Total square feet proposed	1020 ft ²			
The required width is calculated by multiplying the number of trenches minus 1 by the center to center spacing and adding 1 trench width plus any required reserve area. If the topography is not uniform across the length of the site, the trenches will need to flare apart on one end to maintain contour. When this occurs, it is necessary to use a center-to-center spacing that accounts for the flair or the installer will not be able to fit the system within the approved area. It is perfectly acceptable to have more area available, especially up and down the slope, than is required.						
Length of available area:	85'	Total width of available area:	30'			



December 8, 2021

Alwyn Davis awdavis272@gmail.com

Re:

Keith Peyton Wedding Venue 2709 Menokin Road Warsaw, VA 22572

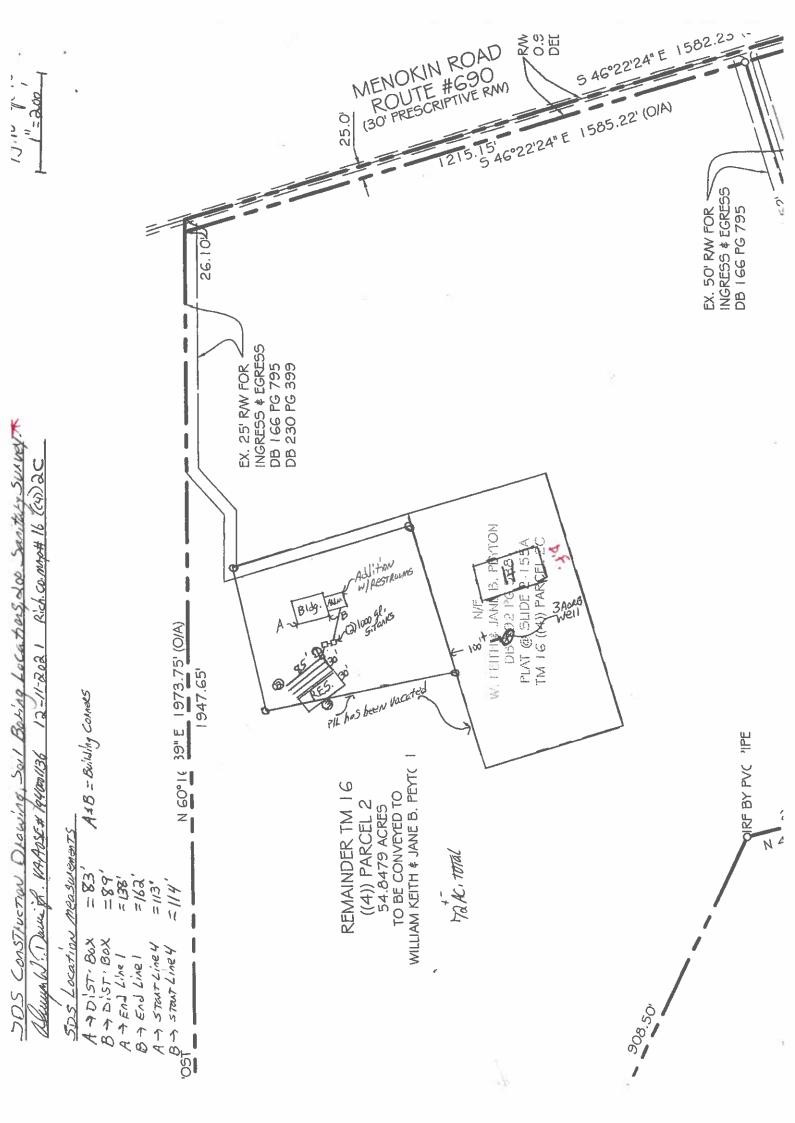
To Whom It May Concern,

Based on Table 5.1 of the regulations (12VAC5-610-670), the BOD and TSS loading for a auditorium is 0.01 lbs per day per person. Using 5 gallons per person results in 0.002 lbs per day/per gallon per person. This loading is less than the listed domestic loading of 0.0027 lbs per day per gallon per person for residential strength effluent (0.2 lbs per day/75 gallons per day per person). Therefore, the wastewater strength is essentially equivalent to residential wastewater.

If you have any questions or comments, please feel free to contact me.

Sincerely, Obsidian Onsite Services, Inc.







RECEIPT DATE 12/22/21 NO. 432314

RECEIVED FROM Laws Omsite Soil Evaluations LLC

ADDRESS POBX 3133, Sappahamath VA 22560

The Hundred Threaty - five and to \$25,500

FOR OSE SOS DELMIT Jay Map # 110(4) 2C

ANT. BAID CHECK 2290

BALANCE DUE 12/22/21 PERFORM © 81808

179-21-0083 Rechard Courty month

Sold the Soyland thry Polarda . Jankan. VA 22460 " 100 304. ALGEST Home of Company Composition The Mas IN Boas Rey Septic Contractor, LLC. Oniversi 2709 Menokin Rd. Warsaw, VA 22572 Book K. Peyton William William

Location of beatable in: Lot.

0000 JM# 16 (4)2C

and is in completates with Part D of the Swarges Handling and Daycom Regulations and when appropriate the plans and Presently that the costs senage disposet system has been installed and ecospolate accordance with the costs of special beautiful to the senage of the senage

(Date) 1/7/2022

epecifications for the project.

16/20/2023

Signature and Tibe