

### SOIL AND ENVIRONMENTAL TECHNOLOGY, INC 111 N. Franklin Street, Christiansburg, VA 24073

Phone: (540) 381-0309 Fax: (540) 381-9430 E-mail: setec@soilandenvironmentaltechnology.com

#### OSE Report for

#### Subdivision

Property Identification:

**Directions to the Property:** 

County: Pittsylvania Subdivision: Sanctuary Village

Lots #: 1-20

TM#: Portions of:1563-63-0222, 1563-63-5202, 1563-75-

7300

US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to contine on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, +/- 0.5

miles to property on L

Applicant and Their Address:

Plyler Properties,Inc. & Smith Mountain Development,LLC 13697 Booker T. Washington Hwy, Suite 109A Moneta, VA 24121

(540) 537-3865 Erik Plyler

Applicants Phone Number:

Date of this report:

4/22/2020

Contents of this report:

OSE Cover Page & Certification Statement (Page 1) Soil Information Summary (Pages 2, 6, 10, 14, 18, 22, 26, 30, 34, 38, 42, 46, 50, 54, 58, 62, 66, 70, 74, 78) Soil Profile Descriptions (Pages 3, 7, 11, 15, 19, 23, 27, 31, 35, 39, 43, 47, 51, 55, 59, 63, 67, 71, 75, 79) Primary/Reserve Design Specifications (Pages 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 52, 56, 60, 64, 68, 72, 76, 80)

Plat Showing DF w/ Boring Locations & Slope (Pages 5, 9, 13, 17, 21, 25, 29, 33, 37, 41, 45, 49, 53, 57, 61, 65, 69, 73, 77, 81)

Copy of Subdivision Plat (Page 82)

#### **Certification Statement:**

I hereby certify that the evaluations and/or designs contained herein were conducted in accordance with the *applicable provisions of the* Sewage Handling and Disposal Regulations (12 VAC5-610), the Private Well Regulations (12 VAC5-630), The Regulations for Alternative Onsite Sewage Systems (12VAC5-613) and all other applicable laws, regulations and policies implemented by the Virginia Department of Health. I further certify that I currently possess any professional license required by the laws and regulations of the Commonwealth that have been duly issued by the applicable agency charged with licensure to perform the work contained herein. The potential to both conventional and alternative onsite sewage systems has been discussed with the owner/applicant.

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

I recommend a **subdivision** be approved.

OSE David Hall #1127



The property lines and building location and proposed sewage disposal area are clearly marked and the property is sufficiently visible to see the topography. I give permission to the Virginia Department of Health 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 a private sector Onsite Soil Evaluator or Professional Engineer as necessary until the sewage disposal system and/or private water supply has been constructed and approved.

#### **BLANK PAGE**



Date: Applicant: Address: Directions the Prope Subdivision Acreage:	to US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to contine on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, +/- 0.5 miles to property on L
1. Posi	Soil Information Summary tion in landscape satisfactory  Yes x No Describe: Sideslope
2. Slop	e 28 %
3. Dept	h to rock\impervious strata: Max. >72" Min. None
4. Dept	h to seasonal water table (gray mottling or gray color) No x Yes
5. Free	water present No x Yes range in inches
6. Soil	percolation rate estimated Yes X Texture group 2 No Estimated rate 35 Min/inch
7. Perc	olation test performed  Yes  No  X  Number of percolation test holes Depth of percolation test holes Average percolation rate
Name and	I title of evaluator: David Hall PSS/AOSE
Signature	TOROL
а	tite Approved: Absorption trenches dispersing septic tank effluent via pump to be placed t 42" depth at site designated. Site provides a total of 900 square feet of absorption rea for the drainfield. This site does not require a reserve.
S	ite Disapproved:
1 F 2 III 3 III 4 F 5 III 6 F	or rejection: (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. Itates of absorption too slow. Insufficient area of acceptable soil for required drainfield, and\or reserve area Iroposed system too close to well Other (Specify)

Date of Evaluation: 10/28/2019 Pittsylvania County Health Department

Applicar	nts:		Subdivision: Sanctuary Village Lot: 1 Acreage	2.637
Hole #	Horizon	Depth (in)	Description	Texture Group
Auger 1	A Bt C	0-1 1-30 30-72	Brown (7.5YR 4/3) sandy loam Yellowish Red (5YR 5/6) sandy clay loam Yellowish Brown (10YR 5/6) loam with many mica flakes	2 2 2
Auger 2	A Bt BC	0-1 1-22 22-30 30-72	Brown (7.5YR 4/3) sandy loam Yellowish Red (5YR 5/6) clay loam Strong Brown (7.5YR 5/6) channery loam with many mica flakes; 15% coarse fragments Brownish Yellow (10YR 6/6) loam with many mica flakes	2 3 2 2
Auger 3	A BA Bt BC C	0-1 1-4 4-20 20-28 28-72	Brown (7.5YR 4/3) sandy loam Yellowish Red (5YR 5/6) sandy clay loam Yellowish Red (5YR 5/6) clay loam Yellowish Brown (10YR 5/6) loam with many mica flakes Brownish Yellow (10YR 6/6) loam with many mica flakes	2 2 3 2 2

Applicants: Subdivision: Sanctuary Village Lot: 1 Acreage: 2.637

Main DF		Reserve DF	Reserve DF		
Type of system	Pump	Reserve Area Required	No		
EPR	35	Type of Reserve	N/A		
Slope %	28	EPR	N/A		
# Bedrooms	3	Slope %	N/A		
Gallons/Day	450	Gallons/Day	N/A		
Width of Trench (ft.)	3	Width of Trench (ft.)	N/A		
Total Square Ft. of Trench Bottom Required per BR	286	Total Square Ft. of Trench Bottom Required	N/A		
Total Square Ft. of Trench Bottom per BR in Design	300	Total Square Ft. of Trench Bottom in Design	N/A		
Total Square Ft. of Trench Bottom Required	858	# Lines of Reserve	N/A		
Total Square Ft. of Trench Bottom in Design	900	Line Length (ft.)	N/A		
# Lines Installed	3	Installed <24" from Rock or Other Impervious Strata	N/A		
Length of Line Installed (ft.)	100	Centers (ft.)	N/A		
Installed <24" from Rock or Other Impervious Strata	No	Width Required (ft.)	N/A		
Centers (ft.)	10	Width in Design (ft.)	N/A		
Width Required (ft.)	23	Installation Depth (inches into natural soil)	N/A		
Installation Depth (inches into natural soil)	42	Amount of Backfill Required (inches)	N/A		
Amount of Backfill Required (inches)	N/A				
,		Type of Well Recommended	Community Water Supply		
		Amount of Casing & Grout (ft.)	N/A		

**Health Department** 



Date:

4/22/2020

# SETEC SOIL AND ENVIRONMENTAL TECHNOLOGY, INC 111 N. Franklin Street, Christiansburg, VA 24073 Phone: (540) 381-0309 Fax: (540) 381-9430 E-mail: setec@soilandenvironmentaltechnology.com

Pittsylvania County

Add Dire the F Sub	dress: 136 ections to US- Property: 40V	W (8.6 mi), R on Smith Mt nctuary Village	n Hwy, Suite 109A, Mo ⁄line Rd (3.7 mi), sligh	L then right to	o contine on Old Mine Rd (1.5 mi), L on Dr, +/- 0.5 miles to property on L
1.	Position in lan	ndscape satisfactory	Soil Information S Yes x No	Summary  Describe:	Sideslope
2.	Slope 18	%			
3.	Depth to rock\	∖impervious strata: Ma	ax. 75" Min.	72" Nor	ne
4.	Depth to seas	sonal water table (gray mo	ottling or gray color)	No x Ye	s
5.	Free water pre	resent No x Yes	range i	n inches	
6.	Soil percolation	on rate estimated Yes No	X Texture group Estimated rate	2 35 I	Min/inch
7.	Percolation te	est performed Yes No x	Number of percola Depth of percolation Average percolation	n test holes	
Nam	ne and title of e	evaluator: David H	all	PSS/A	OSE
Sign	nature:	Mol			
	at 42" dep	oved: Absorption trenches oth at site designated. Site ne drainfield (located in ea reserve.	provides a total of 9	00 square fee	t of absorption
	Site Disap	pproved:			
Rea 1 2 3 4 5 6 7	Position in Insufficien Insufficien Rates of a Insufficien	on: (check all that apply) In landscape subject to floot It depth of suitable soil ove It depth of suitable soil to subsorption too slow. It area of acceptable soil for It system too close to well It ecify)	er hard rock. seasonal water table.		e area

2

#### **PROFILE DESCRIPTION SOIL EVALUATION REPORT**

Date of Evaluation: 10/28/2019 Pittsylvania County Health Department

See application sketch See construction permit

С

30-72

Applicar	nts:		<b>Subdivision</b> : Sanctuary Village <b>Lot</b> : 2	Acreage:	1.730
Hole #	Horizon	Depth (in)	Description		exture Group
Auger 1	A BA Bt BC C	0-1 1-5 5-20 20-30 30-75	Brown (7.5YR 4/3) sandy loam Brown (7.5YR 5/4) sandy loam Yellowish Red (5YR 5/6) clay loam Strong Brown (7.5YR 5/6) loam Yellowish Brown (10YR 5/6) loam with many mica flakes		2 2 3 2 2
Auger 2	A BA Bt BC C1 C2	0-1 1-4 4-24 24-30 30-60 60-72	Brown (7.5YR 4/3) sandy loam Brown (7.5YR 5/4) sandy loam Yellowish Red (5YR 5/6) clay loam Strong Brown (7.5YR 5/6) loam Brownish Yellow (10YR 6/8) loam Brownish Yellow (10YR 6/6) channery loam with many mica flakes; 20% coarse fragments		2 2 3 2 2 2
Auger 3	A Bt BC	0-1 1-18 18-30	Brown (7.5YR 4/3) sandy loam Yellowish Red (5YR 5/6) clay loam Yellowish Brown (10YR 5/8) loam		2 3 2

Brownish Yellow (10YR 6/8) sandy loam

Applicants: Subdivision: Sanctuary Village Lot: 2 Acreage: 1.730

Main DF		Reserve DF		
Type of system	Pump to DF Easement	Reserve Area Required	No	
EPR	35	Type of Reserve	N/A	
Slope %	18	EPR	N/A	
# Bedrooms	3	Slope %	N/A	
Gallons/Day	450	Gallons/Day	N/A	
Width of Trench (ft.)	3	Width of Trench (ft.)	N/A	
Total Square Ft. of Trench Bottom Required per BR	286	Total Square Ft. of Trench Bottom Required	N/A	
Total Square Ft. of Trench Bottom per BR in Design	300	Total Square Ft. of Trench Bottom in Design	N/A	
Total Square Ft. of Trench Bottom Required	858	# Lines of Reserve	N/A	
Total Square Ft. of Trench Bottom in Design	900	Line Length (ft.)	N/A	
# Lines Installed	4	Installed <24" from Rock or Other Impervious Strata	N/A	
Length of Line Installed (ft.)	75	Centers (ft.)	N/A	
Installed <24" from Rock or Other Impervious Strata	No	Width Required (ft.)	N/A	
Centers (ft.)	10	Width in Design (ft.)	N/A	
Width Required (ft.)	33	Installation Depth (inches into natural soil)	N/A	
Installation Depth (inches into natural soil)	42	Amount of Backfill Required (inches)	N/A	
Amount of Backfill Required (inches)	N/A			
,		Type of Well Recommended	Community Water Supply	
		Amount of Casing & Grout (ft.)	N/A	

Page 9 of 82 Sanctuary Village Lot 2 (1.730 acres) O YAB YAAUTONAZ ZI 38 SALTS MI TO ST SZE SALTS MOUNTAINS SZE OR MUNICIPALITY FO. 1" = 100' 1.38 NOWININ SE SLOPE MAINTENANCE SEE NAP RK 42, PG 285E DRAINFIELD EASEMENT ON LOT 1 50NE + 100mg/m N 30045'05"H N 31.83.04"H 419.68 429.40' TOTAL TAX PARCEL 1563-63-2272
TAX PARCEL 1563-63-0272
TAX PARCEL 1563-63-0272 Proposed House Site S. Gov Maro Paless N 37"07"39"W · 24 DRINCH. 795 CONTOUR A 00000 000 11/10 5 AND ON THE OWNER. 6 76 / Priorection occu Street of the state of the stat > do do do A.T. E.S. B. W 57 Se disposit 6

3



he Pr	icant: Plyler Properties,Inc Telephone #: (540) 537-3865 <b>Erik Plyler</b> ess: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121 US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to contine on Old Mine Rd (1.5 mi), I on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, +/- 0.5 miles to property on L Sanctuary Village  Lot: 3
1. F	Position in landscape satisfactory  Soil Information Summary  Yes X No Describe: Sideslope
2. \$	Slope 12 %
3. [	Depth to rock\impervious strata: Max. >92" Min. 84" None
4. [	Depth to seasonal water table (gray mottling or gray color) No x Yes
5. F	Free water present No x Yes range in inches
3.	Soil percolation rate estimated Yes X No Estimated rate 35 Min/inch
7. F	Percolation test performed  Yes  No  No  Number of percolation test holes  Depth of percolation test holes  Average percolation rate
Name	e and title of evaluator: Olivia Simpson AOSE
Signa	ature:
X	Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 66" depth at site designated. Site provides a total of 900 square feet of absorption area for the drainfield. This site does not require a reserve.
	Site Disapproved:
Reaso 1 2 3 4 5 6 7	Position: (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 Other (Specify)

Date of Evaluation: 10/9/2019 Pittsylvania County Health Department

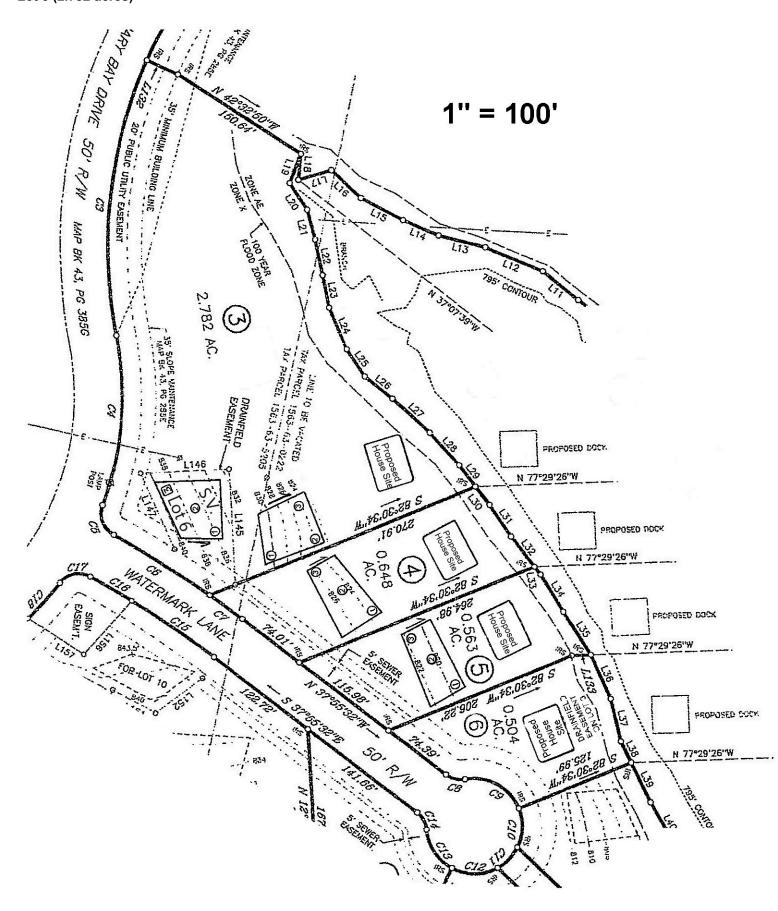
x See application sketch See construction permit

Applican	ıts:		Subdivision: Sanctuary Village Lot: 3	Acreage: 2.782
Hole #	Horizon	Depth (in)	Description	Texture Group
Auger 1	A BA Bt BC C	0-4 4-12 12-36 36-48 48-92	Dark Brown (7.5YR 3/4) sandy loam Brown (7.5YR 4/4) sandy loam Dark Red (2.5YR 3/6) clay loam Red (2.5YR 4/6) loam with many mica flakes Yellowish Red (5YR 5/8) sandy loam with many mica flakes	2 2 3 2 2
Auger 2	A BA Bt BC C	0-2 2-8 8-24 24-55 55-90	Dark Brown (7.5YR 3/4) sandy loam Brown (7.5YR 4/4) sandy loam Red (2.5YR 4/6) clay loam Red (2.5YR 4/6) loam Red (2.5YR 4/6) loam with many mica flakes	2 2 3 2 2
Auger 3	A BA Bt BC C	0-4 4-20 20-36 36-50 50-84	Dark Brown (7.5YR 3/4) sandy loam Brown (7.5YR 4/4) sandy loam Dark Red (2.5YR 3/6) clay loam Red (2.5YR 4/6) loam with many mica flakes Yellowish Red (5YR 5/8) sandy loam with many mica flakes	2 2 3 2 2

Applicants: Subdivision: Sanctuary Village Lot: 3 Acreage: 2.782

Main DF		Reserve DF	Reserve DF		
Type of system	Pump	Reserve Area Required	No		
EPR	35	Type of Reserve	N/A		
Slope %	12	EPR	N/A		
# Bedrooms	3	Slope %	N/A		
Gallons/Day	450	Gallons/Day	N/A		
Width of Trench (ft.)	3	Width of Trench (ft.)	N/A		
Total Square Ft. of Trench Bottom Required per BR	286	Total Square Ft. of Trench Bottom Required	N/A		
Total Square Ft. of Trench Bottom per BR in Design	300	Total Square Ft. of Trench Bottom in Design	N/A		
Total Square Ft. of Trench Bottom Required	858	# Lines of Reserve	N/A		
Total Square Ft. of Trench Bottom in Design	900	Line Length (ft.)	N/A		
# Lines Installed	6	Installed <24" from Rock or Other Impervious Strata	N/A		
Length of Line Installed (ft.)	50	Centers (ft.)	N/A		
Installed <24" from Rock or Other Impervious Strata	Yes	Width Required (ft.)	N/A		
Centers (ft.)	10	Width in Design (ft.)	N/A		
Width Required (ft.)	53	Installation Depth (inches into natural soil)	N/A		
Installation Depth (inches into natural soil)	66	Amount of Backfill Required (inches)	N/A		
Amount of Backfill Required (inches)	N/A				
,		Type of Well Recommended	Community Water Supply		
		Amount of Casing & Grout (ft.)	N/A		

Page 13 of 82 Sanctuary Village Lot 3 (2.782 acres)





Addi Dire the f Sub	licant: ress: ctions to Property: division:	4/22/2020 Pittsylvania County Health Department Plyler Properties,Inc Telephone #: (540) 537-3865 <b>Erik Plyler</b> 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121 US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to contine on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, +/- 0.5 miles to property on L Sanctuary Village  Lot: 4 0.648
Aore	ago.	
1.	Position in la	Soil Information Summary  andscape satisfactory  Yes x No Describe: Sideslope
2.	Slope 12	%
3.	Depth to roc	sk\impervious strata: Max. >90" Min. None
4.	Depth to sea	asonal water table (gray mottling or gray color) No x Yes
5.	Free water p	present No x Yes range in inches
6.	Soil percolat	tion rate estimated Yes x Texture group 2 No Estimated rate 35 Min/inch
7.	Percolation t	test performed  Yes  No  X  Number of percolation test holes  Depth of percolation test holes  Average percolation rate
Nam	ne and title of	evaluator: Olivia Simpson AOSE
Sign	ature:	De D-
	at 66" de	roved: Absorption trenches dispersing septic tank effluent via pump to be placed epth at site designated. Site provides a total of 900 square feet of absorption the drainfield. This site does not require a reserve.
	Site Disa	approved:
Rea: 1 2 3 4 5	Position Insufficie Insufficie Rates of Insufficie	ion: (check all that apply) in landscape subject to flooding or periodic saturation. ent depth of suitable soil over hard rock. ent depth of suitable soil to seasonal water table. absorption too slow. ent area of acceptable soil for required drainfield, and\or reserve area d system too close to well

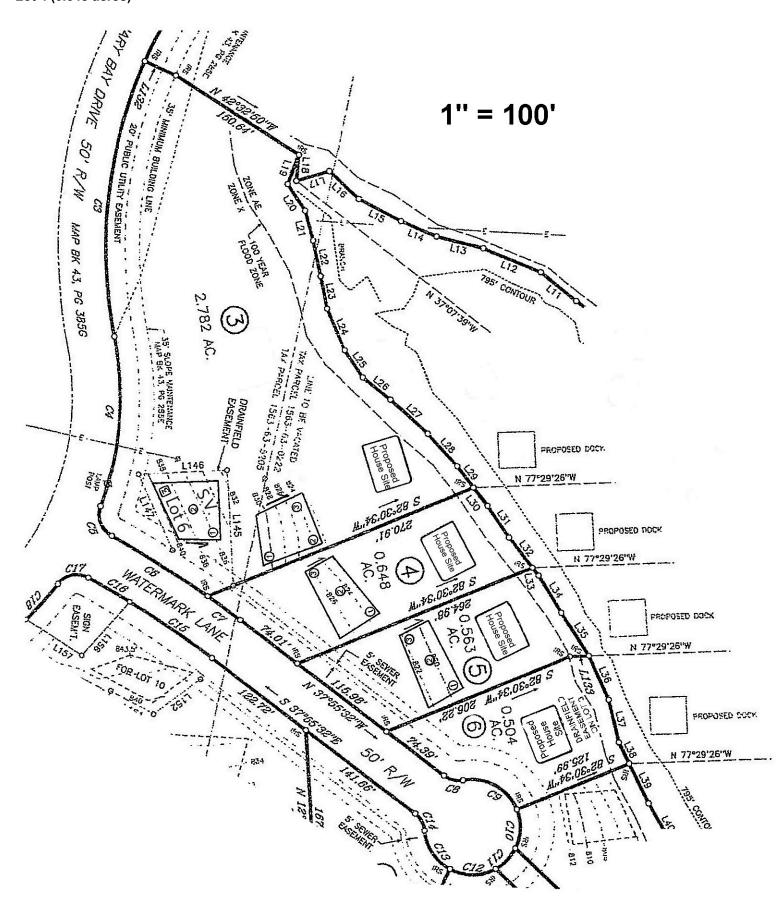
Date of Evaluation: 10/1/2019 Pittsylvania County Health Department

Applican	ıts:		Subdivision: Sanctuary Village Lot: 4 Acre	<b>age:</b> 0.648
Hole #	Horizon	Depth (in)	Description	Texture Group
Auger 1	A BA Bt BC	0-1 1-8 8-24 24-50 50-90	Brown (7.5YR 4/4) sandy loam Yellowish Red (5YR 5/8) sandy loam Dark Red (2.5YR 3/6) silty clay loam Yellowish Red (5YR 4/6) channery loam with many mica flakes; 15% coarse fragments Brown (7.5YR 4/4) channery sandy loam with many mica flakes; 15% coarse fragments	2 2 3 2
Auger 2	A BA Bt BC C1 C2	0-2 2-8 8-24 24-40 40-55 55-90	Dark Brown (7.5YR 3/4) sandy loam Yellowish Red (5YR 4/6) sandy loam 25yr36 silty clay loam Red (2.5YR 4/8) loam Red (2.5YR 4/6) loam with many mica flakes Red (2.5YR 4/6) sandy loam with many mica flakes	2 2 3 2 2 2
Auger 3	A BA Bt BC C	0-2 2-8 8-24 24-55 55-90	Dark Brown (7.5YR 3/4) sandy loam Brown (7.5YR 4/4) sandy loam Red (2.5YR 4/6) clay loam Red (2.5YR 4/6) loam Red (2.5YR 4/6) loam with many mica flakes	2 2 3 2 2

Applicants: Subdivision: Sanctuary Village Lot: 4 Acreage: 0.648

Main DF		Reserve DF	Reserve DF		
Type of system	Pump	Reserve Area Required	No		
EPR	35	Type of Reserve	N/A		
Slope %	12	EPR	N/A		
# Bedrooms	3	Slope %	N/A		
Gallons/Day	450	Gallons/Day	N/A		
Width of Trench (ft.)	3	Width of Trench (ft.)	N/A		
Total Square Ft. of Trench Bottom Required per BR	286	Total Square Ft. of Trench Bottom Required	N/A		
Total Square Ft. of Trench Bottom per BR in Design	300	Total Square Ft. of Trench Bottom in Design	N/A		
Total Square Ft. of Trench Bottom Required	858	# Lines of Reserve	N/A		
Total Square Ft. of Trench Bottom in Design	900	Line Length (ft.)	N/A		
# Lines Installed	4	Installed <24" from Rock or Other Impervious Strata	N/A		
Length of Line Installed (ft.)	75	Centers (ft.)	N/A		
Installed <24" from Rock or Other Impervious Strata	No	Width Required (ft.)	N/A		
Centers (ft.)	10	Width in Design (ft.)	N/A		
Width Required (ft.)	33	Installation Depth (inches into natural soil)	N/A		
Installation Depth (inches into natural soil)	66	Amount of Backfill Required (inches)	N/A		
Amount of Backfill Required (inches)	N/A				
		Type of Well Recommended	Community Water Supply		
		Amount of Casing & Grout (ft.)	N/A		

Page 17 of 82 Sanctuary Village Lot 4 (0.648 acres)





Date: Applicant: Address: Directions to the Property: Subdivision: Acreage:		4/22/2020 Pittsylvania County Health Department Plyler Properties,Inc Telephone #: (540) 537-3865 <b>Erik Plyler</b> 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121 US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to contine on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, +/- 0.5 miles to property on L Sanctuary Village Lot: 5
1.	Position in I	Soil Information Summary  andscape satisfactory  Yes X No Describe: Sideslope
2.	Slope 10	
	·	
3.	Depth to roo	ck\impervious strata: Max. >84" Min. None
4.	Depth to se	asonal water table (gray mottling or gray color) No x Yes
5.	Free water	present No x Yes range in inches
6.	Soil percola	tion rate estimated Yes x Texture group 2 No Estimated rate 35 Min/inch
7.	Percolation	test performed  Yes  No  No  No  No  No  No  No  No  No  N
Nan	ne and title of	f evaluator: Olivia Simpson AOSE
Sigr	nature:	D: D-
	at 54" d	proved: Absorption trenches dispersing septic tank effluent via pump to be placed lepth at site designated. Site provides a total of 900 square feet of absorption the drainfield. This site does not require a reserve.
	Site Disa	approved:
Rea 1 2 3 4 5 6 7	Position Insufficie Insufficie Rates of Insufficie	tion: (check all that apply) in landscape subject to flooding or periodic saturation. ent depth of suitable soil over hard rock. ent depth of suitable soil to seasonal water table. f absorption too slow. ent area of acceptable soil for required drainfield, and\or reserve area ed system too close to well Specify)

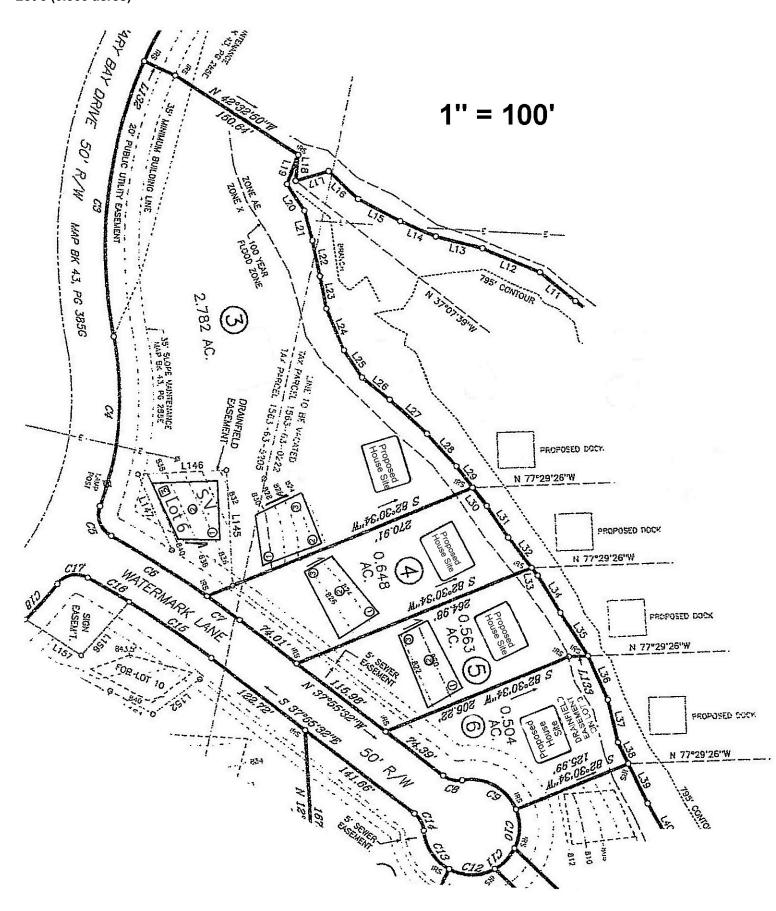
Date of Evaluation: 10/1/2019 Pittsylvania County Health Department

Applicants:			Subdivision: Sanctuary Village Lot: 5	Acreage:	0.563
Hole #	Horizon	Depth (in)	Description		exture Group
Auger 1	A BA Bt BC C	0-5 5-12 12-34 34-60 60-84	Brown (7.5YR 4/4) sandy loam Reddish Brown (5YR 4/4) clay loam Dark Red (2.5YR 3/6) clay loam Red (2.5YR 4/6) loam with many mica flakes Red (2.5YR 4/6) sandy loam with many mica flakes		2 3 3 2 2
Auger 2	A BA Bt BC C	0-2 2-15 15-28 28-42 42-84	Brown (7.5YR 4/4) sandy loam Yellowish Red (5YR 5/8) sandy loam Dark Red (2.5YR 3/6) silty clay loam Dark Red (2.5YR 3/6) loam with many mica flakes Brown (7.5YR 4/4) channery sandy loam with many mica flakes; 15° coarse fragments	<b>%</b>	2 2 3 2 2
Auger 3	A Bt BC C	0-4 4-15 15-42 42-84	Brown (7.5YR 4/4) sandy loam Dark Red (2.5YR 3/6) silty clay loam Red (2.5YR 4/8) sandy loam with many mica flakes Red (2.5YR 4/6) sandy loam with many mica flakes		2 3 2 2

Applicants: Subdivision: Sanctuary Village Lot: 5 Acreage: 0.563

Main DF		Reserve DF	Reserve DF		
Type of system	Pump	Reserve Area Required	No		
EPR	35	Type of Reserve	N/A		
Slope %	10	EPR	N/A		
# Bedrooms	3	Slope %	N/A		
Gallons/Day	450	Gallons/Day	N/A		
Width of Trench (ft.)	3	Width of Trench (ft.)	N/A		
Total Square Ft. of Trench Bottom Required per BR	286	Total Square Ft. of Trench Bottom Required	N/A		
Total Square Ft. of Trench Bottom per BR in Design	300	Total Square Ft. of Trench Bottom in Design	N/A		
Total Square Ft. of Trench Bottom Required	858	# Lines of Reserve	N/A		
Total Square Ft. of Trench Bottom in Design	900	Line Length (ft.)	N/A		
# Lines Installed	4	Installed <24" from Rock or Other Impervious Strata	N/A		
Length of Line Installed (ft.)	75	Centers (ft.)	N/A		
Installed <24" from Rock or Other Impervious Strata	No	Width Required (ft.)	N/A		
Centers (ft.)	10	Width in Design (ft.)	N/A		
Width Required (ft.)	33	Installation Depth (inches into natural soil)	N/A		
Installation Depth (inches into natural soil)	54	Amount of Backfill Required (inches)	N/A		
Amount of Backfill Required (inches)	N/A				
(1101100)		Type of Well Recommended	Community Water Supply		
		Amount of Casing & Grout (ft.)	N/A		

Page 21 of 82 Sanctuary Village Lot 5 (0.563 acres)





7

# SOIL AND ENVIRONMENTAL TECHNOLOGY, INC 111 N. Franklin Street, Christiansburg, VA 24073 Phone: (540) 381-0309 Fax: (540) 381-9430 E-mail: setec@soilandenvironmentaltechnology.com

the P	cant: ess: tions to roperty: livision:	4/22/2020 Pittsylvania County Health Department Plyler Properties,Inc Telephone #: (540) 537-3865 <b>Erik Plyler</b> 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121 US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to contine on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, +/- 0.5 miles to property on L Sanctuary Village Lot: 6 0.504
1.	Position in la	Soil Information Summary  andscape satisfactory  Yes X No Describe: Sideslope
2.	Slope 10	%
3.	Depth to roo	ck\impervious strata: Max. >120" Min. 77" None
4.	Depth to sea	asonal water table (gray mottling or gray color) No x Yes
5.	Free water p	present No x Yes range in inches
6.	Soil percola	tion rate estimated Yes X Texture group 2 No Estimated rate 35 Min/inch
7.	Percolation	test performed Yes Number of percolation test holes No x Depth of percolation test holes Average percolation rate
	e and title of ature:	evaluator: Olivia Simpson AOSE
X	at 54" d	roved: Absorption trenches dispersing septic tank effluent via pump to be placed epth at site designated. Site provides a total of 900 square feet of absorption the drainfield (located in easement on Sanctuary Village Lot 3). This site does not a reserve.
	Site Disa	approved:
Reas 1 2 3 4 5 6	Position Insufficie Insufficie Rates of Insufficie	ion: (check all that apply) in landscape subject to flooding or periodic saturation. ent depth of suitable soil over hard rock. ent depth of suitable soil to seasonal water table. absorption too slow. ent area of acceptable soil for required drainfield, and\or reserve area d system too close to well pecify)

Date of Evaluation: 10/9/2019 Pittsylvania County Health Department

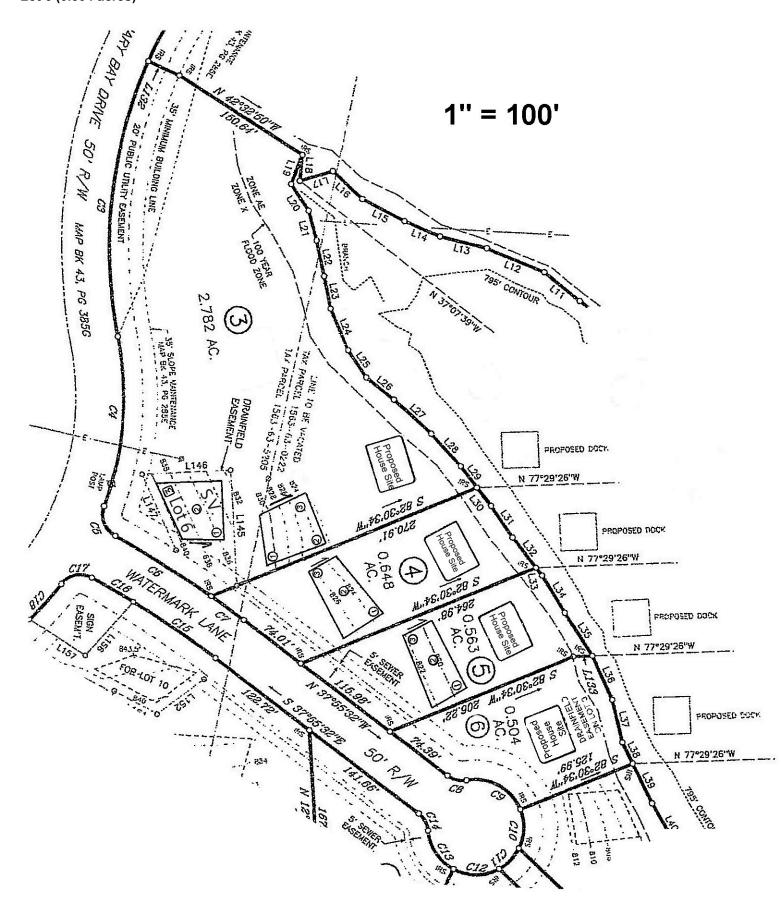
x See application sketch See construction permit

Applicants:			Subdivision: Sanctuary Village Lot: 6 Acre	eage: 0.504
Hole #	Horizon	Depth (in)	Description	Texture Group
Auger 1	A BA Bt BC C	0-5 5-16 16-32 32-45 45-84	Dark Brown (7.5YR 3/4) sandy loam Reddish Brown (5YR 4/4) sandy loam Dark Red (2.5YR 3/6) clay loam Red (2.5YR 4/6) loam Red (2.5YR 5/8) channery loam with many mica flakes	2 2 3 2 2
Auger 2	A BA Bt BC C	0-2 2-8 8-24 24-42 42-77	Dark Brown (7.5YR 3/4) sandy loam Reddish Brown (5YR 4/4) sandy loam Dark Red (2.5YR 3/6) clay loam Red (2.5YR 4/6) loam Red (2.5YR 5/8) channery loam with many mica flakes	2 2 3 2 2
Auger 3	Ap Bt C1 C2	0-5 5-27 27-110 110-120	Reddish Brown (5YR 4/4) loam Red (2.5YR 5/8) clay loam; moderate, medium, subangular blocky structure Reddish Yellow (7.5YR 7/8) loam with many mica flakes Reddish Yellow (7.5YR 7/8) extremely gravelly loam with many mica	2 3 2 2

flakes; 50% coarse fragments

Applicants: Subdivision: Sanctuary Village Lot: 6 Acreage: 0.504

Main DF		Reserve DF		
Type of system	Pump to DF Easement	Reserve Area Required	No	
EPR	35	Type of Reserve	N/A	
Slope %	10	EPR	N/A	
# Bedrooms	3	Slope %	N/A	
Gallons/Day	450	Gallons/Day	N/A	
Width of Trench (ft.)	3	Width of Trench (ft.)	N/A	
Total Square Ft. of Trench Bottom Required per BR	286	Total Square Ft. of Trench Bottom Required	N/A	
Total Square Ft. of Trench Bottom per BR in Design	300	Total Square Ft. of Trench Bottom in Design	N/A	
Total Square Ft. of Trench Bottom Required	858	# Lines of Reserve	N/A	
Total Square Ft. of Trench Bottom in Design	900	Line Length (ft.)	N/A	
# Lines Installed	5	Installed <24" from Rock or Other Impervious Strata	N/A	
Length of Line Installed (ft.)	60	Centers (ft.)	N/A	
Installed <24" from Rock or Other Impervious Strata	Yes	Width Required (ft.)	N/A	
Centers (ft.)	10	Width in Design (ft.)	N/A	
Width Required (ft.)	43	Installation Depth (inches into natural soil)	N/A	
Installation Depth (inches into natural soil)	54	Amount of Backfill Required (inches)	N/A	
Amount of Backfill Required (inches)	N/A			
,		Type of Well Recommended	Community Water Supply	
		Amount of Casing & Grout (ft.)	N/A	





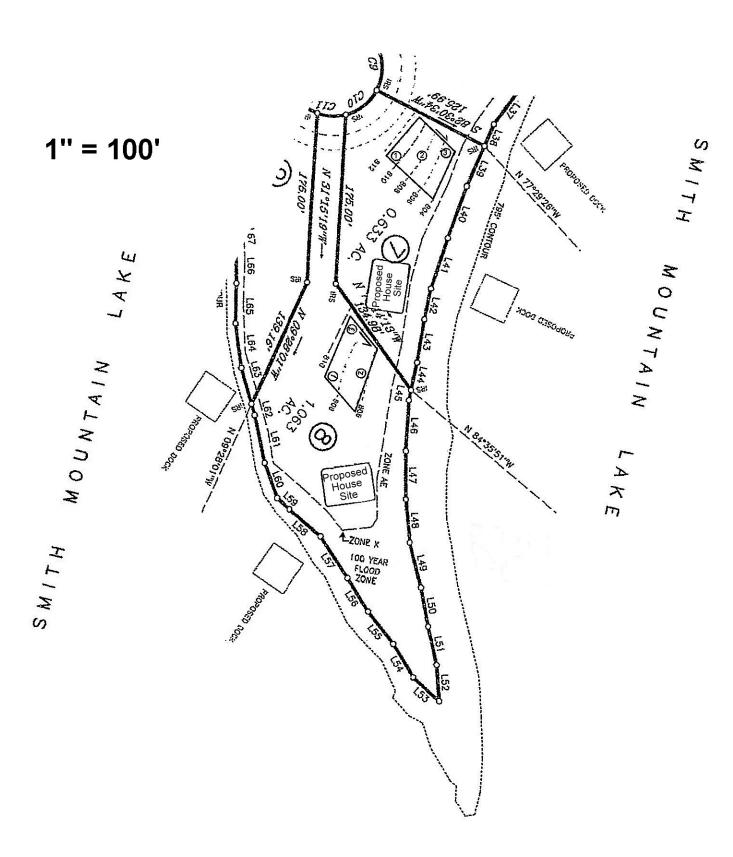
the Pi	cant: ess: tions to roperty: ivision:	4/22/2020 Pittsylvania County Health Department Plyler Properties,Inc Telephone #: (540) 537-3865 <b>Erik Plyler</b> 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121 US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to contine on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, +/- 0.5 miles to property on L Sanctuary Village Lot: 7 0.633
		Soil Information Summary
1. I	Position in la	andscape satisfactory Yes x No Describe: Sideslope
2.	Slope 14	%
3. I	Depth to roc	ek∖impervious strata: Max. >84" Min. None
4. I	Depth to sea	asonal water table (gray mottling or gray color) No x Yes
5. I	Free water p	present No x Yes range in inches
6.	Soil percola	tion rate estimated Yes X Texture group 2 No Estimated rate 35 Min/inch
7. I	Percolation	test performed  Yes  No  X  Number of percolation test holes  Depth of percolation test holes  Average percolation rate
Name	and title of	evaluator: Olivia Simpson AOSE
Signa	iture:	
X	at 60" d	roved: Absorption trenches dispersing septic tank effluent via pump to be placed epth at site designated. Site provides a total of 900 square feet of absorption the drainfield. This site does not require a reserve.
	Site Disa	approved:
Reaso 1 2 3 4 5 6 7	Position Insufficie Insufficie Rates of Insufficie	ion: (check all that apply) in landscape subject to flooding or periodic saturation. ent depth of suitable soil over hard rock. ent depth of suitable soil to seasonal water table. absorption too slow. ent area of acceptable soil for required drainfield, and\or reserve area d system too close to well pecify)

Date of Evaluation: 9/30/2019 Pittsylvania County Health Department

Applicants:			Subdivision: Sanctuary Village Lot: 7	7	Acreage:	0.633
Hole #	Horizon	Depth (in)	Description			exture Group
Auger 1	A BA Bt BC C	0-1 1-5 5-20 20-30 30-84	Dark Brown (7.5YR 3/3) sandy loam Reddish Brown (5YR 4/4) loam Red (2.5YR 4/6) silty clay loam Dark Red (2.5YR 3/6) loam Red (2.5YR 4/8) sandy loam			2 2 3 2 2
Auger 2	A BA Bt C1 C2	0-2 2-8 8-28 28-52 52-84	Brown (7.5YR 4/4) sandy loam Reddish Brown (5YR 4/4) loam Red (2.5YR 4/6) silty clay loam Brown (7.5YR 4/4) sandy loam with many mica flakes Dark Red (2.5YR 3/6) loam with many mica flakes			2 2 3 2 2
Auger 3	A BA Bt BC C	0-1 1-10 10-30 30-45 45-84	Dark Brown (7.5YR 3/3) sandy loam Reddish Brown (5YR 4/4) loam Red (2.5YR 4/6) silty clay loam Dark Red (2.5YR 3/6) loam Red (2.5YR 4/8) sandy loam			2 2 3 2 2

Applicants: Subdivision: Sanctuary Village Lot: 7 Acreage: 0.633

Main DF		Reserve DF		
Type of system	Pump	Reserve Area Required	No	
EPR	35	Type of Reserve	N/A	
Slope %	14	EPR	N/A	
# Bedrooms	3	Slope %	N/A	
Gallons/Day	450	Gallons/Day	N/A	
Width of Trench (ft.)	3	Width of Trench (ft.)	N/A	
Total Square Ft. of Trench Bottom Required per BR	286	Total Square Ft. of Trench Bottom Required	N/A	
Total Square Ft. of Trench Bottom per BR in Design	300	Total Square Ft. of Trench Bottom in Design	N/A	
Total Square Ft. of Trench Bottom Required	858	# Lines of Reserve	N/A	
Total Square Ft. of Trench Bottom in Design	900	Line Length (ft.)	N/A	
# Lines Installed	6	Installed <24" from Rock or Other Impervious Strata	N/A	
Length of Line Installed (ft.)	50	Centers (ft.)	N/A	
Installed <24" from Rock or Other Impervious Strata	No	Width Required (ft.)	N/A	
Centers (ft.)	10	Width in Design (ft.)	N/A	
Width Required (ft.)	53	Installation Depth (inches into natural soil)	N/A	
Installation Depth (inches into natural soil)	60	Amount of Backfill Required (inches)	N/A	
Amount of Backfill Required (inches)	N/A			
(		Type of Well Recommended	Community Water Supply	
		Amount of Casing & Grout (ft.)	N/A	





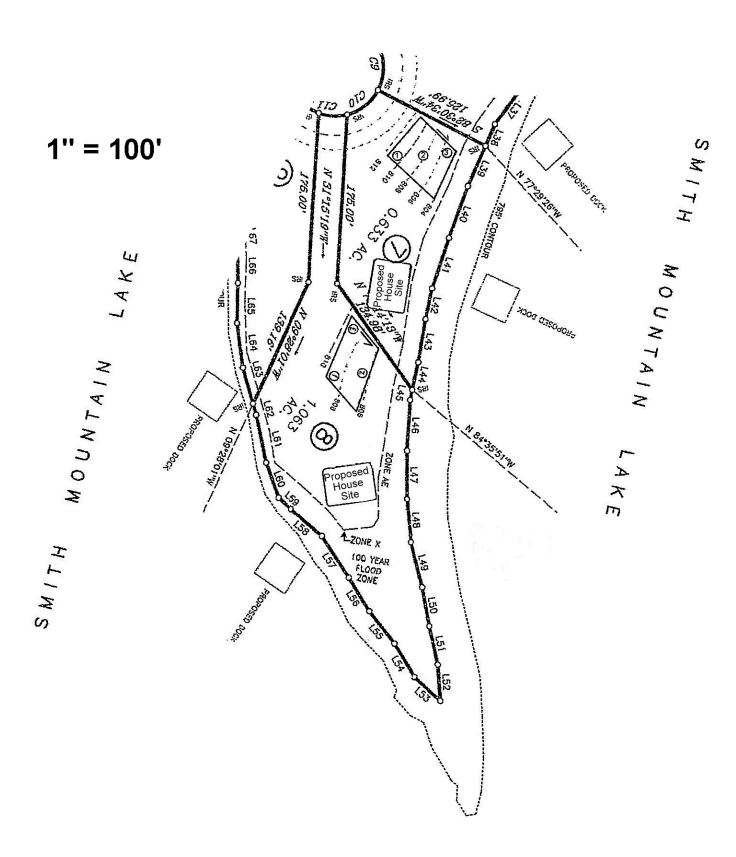
Date: Applicant: Address: Directions to the Property: Subdivision: Acreage:		4/22/2020 Pittsylvania County Health Department Plyler Properties,Inc Telephone #: (540) 537-3865 <b>Erik Plyler</b> 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121 US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to contine on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, +/- 0.5 miles to property on L Sanctuary Village Lot: 8 1.063
	<b>.</b>	Soil Information Summary
1.	Position in I	andscape satisfactory Yes x No Describe: Sideslope
2.	Slope 7	%
3.	Depth to roo	ck\impervious strata: Max. >86" Min. 80" None
4.	Depth to se	asonal water table (gray mottling or gray color) No x Yes
5.	Free water	present No x Yes range in inches
6.	Soil percola	tion rate estimated Yes x Texture group 2 No Estimated rate 30 Min/inch
7.	Percolation	test performed Yes Number of percolation test holes No x Depth of percolation test holes Average percolation rate
Nan	ne and title of	evaluator: Olivia Simpson AOSE
Sigr	nature:	
	at 62" d	roved: Absorption trenches dispersing septic tank effluent via pump to be placed epth at site designated. Site provides a total of 780 square feet of absorption the drainfield. This site does not require a reserve.
	Site Disa	approved:
Rea 1 2 3 4 5 6 7	Position Insufficien Insufficien Rates of Insufficien	ion: (check all that apply) in landscape subject to flooding or periodic saturation. ent depth of suitable soil over hard rock. ent depth of suitable soil to seasonal water table. absorption too slow. ent area of acceptable soil for required drainfield, and\or reserve area d system too close to well pecify)

Date of Evaluation: 9/27/2019 Pittsylvania County Health Department

Applican	ıts:		Subdivision: Sanctuary Village Lot: 8	Acreage: 1.063
Hole #	Horizon	Depth (in)	Description	Texture Group
Auger 1	A BA Bt C	0-6 6-15 15-30 30-86	Dark Brown (7.5YR 3/4) loam Yellowish Red (5YR 5/8) loam with many mica flakes Yellowish Red (5YR 4/6) clay loam Reddish Brown (5YR 4/4) sandy loam with many mica flakes	2 2 2 2
Auger 2	A Bt BC C1 C2	0-10 10-28 28-38 38-50 50-84	Brown (7.5YR 4/4) sandy loam Dark Red (2.5YR 3/6) clay loam Yellowish Red (5YR 4/6) loam Yellowish Red (5YR 4/6) loam with many mica flakes Brown (7.5YR 4/4) sandy loam with many mica flakes	2 3 2 2 2
Auger 3	A Bt BC C1 C2	0-2 2-12 12-30 30-42 42-80	Brown (7.5YR 4/4) sandy loam Red (2.5YR 4/6) clay loam Red (2.5YR 4/6) loam Yellowish Red (5YR 4/6) sandy loam Red (2.5YR 4/8) sandy loam	2 3 2 2 2

Applicants: Subdivision: Sanctuary Village Lot: 8 Acreage: 1.063

Main DF		Reserve DF	
Type of system	Pump	Reserve Area Required	No
EPR	30	Type of Reserve	N/A
Slope %	7	EPR	N/A
# Bedrooms	3	Slope %	N/A
Gallons/Day	450	Gallons/Day	N/A
Width of Trench (ft.)	3	Width of Trench (ft.)	N/A
Total Square Ft. of Trench Bottom Required per BR	260	Total Square Ft. of Trench Bottom Required	N/A
Total Square Ft. of Trench Bottom per BR in Design	260	Total Square Ft. of Trench Bottom in Design	N/A
Total Square Ft. of Trench Bottom Required	780	# Lines of Reserve	N/A
Total Square Ft. of Trench Bottom in Design	780	Line Length (ft.)	N/A
# Lines Installed	4	Installed <24" from Rock or Other Impervious Strata	N/A
Length of Line Installed (ft.)	65	Centers (ft.)	N/A
Installed <24" from Rock or Other Impervious Strata	Yes	Width Required (ft.)	N/A
Centers (ft.)	10	Width in Design (ft.)	N/A
Width Required (ft.)	33	Installation Depth (inches into natural soil)	N/A
Installation Depth (inches into natural soil)	62	Amount of Backfill Required (inches)	N/A
Amount of Backfill Required (inches)	N/A		
(mones)		Type of Well Recommended	Community Water Supply
		Amount of Casing & Grout (ft.)	N/A





Addi Directhe F Subo	e: icant: ress: ctions to Property: division: eage:	US-29 N (7.1 m	. Washington Hwy, Suit i), L on Old Mine Rd (3. i, R on Smith Mtn Rd (4	7 mi), slight L then	/A 24121 <sup>^</sup> right to contine on Old	Frik Plyler  Mine Rd (1.5 mi), L
1.	Position in la	andscape satisfa		nation Summary No Descr	ribe: Sideslope	
2.	Slope 24	%			·	
3.	Depth to roo	ck\impervious str	ata: Max. 70"	Min. 64"	None	
4.	Depth to sea	asonal water tab	le (gray mottling or gray	color) No x	Yes	
5.	Free water p	present No	x Yes	range in inches		
6.	Soil percola	tion rate estimat		re group 2 ated rate 35	Min/inch	
7.	Percolation	test performed	No x Depth of p	f percolation test ho percolation test hol percolation rate		
Nam	e and title of	evaluator:	David Hall	A	OSE/PSS	
Sign	ature:	1000	7			
;	at 42" d	epth at site desi	on trenches dispersing s gnated. Site provides a cated in easement on S	total of 900 squa	re feet of absorption	
	Site Disa	approved:				
Reas 1 2 3 4 5 6 7	Position Insufficie Insufficie Rates of Insufficie	ent depth of suita ent depth of suita absorption too s ent area of accep d system too clo	bject to flooding or periouble soil over hard rock.  Able soil to seasonal wat blow.  Stable soil for required d	er table.	serve area	

Applicants:

Auger 3

Bt

С

0-16

16-64

### PROFILE DESCRIPTION SOIL EVALUATION REPORT

Date of Evaluation: 10/4/2019 Pittsylvania County Health Department

**Subdivision:** Sanctuary Village

Red (2.5YR 5/8) channery clay loam; 15% coarse fragments

Strong Brown (7.5YR 5/6) loam with many mica flakes

**Lot**: 9

Acreage:

0.524

3

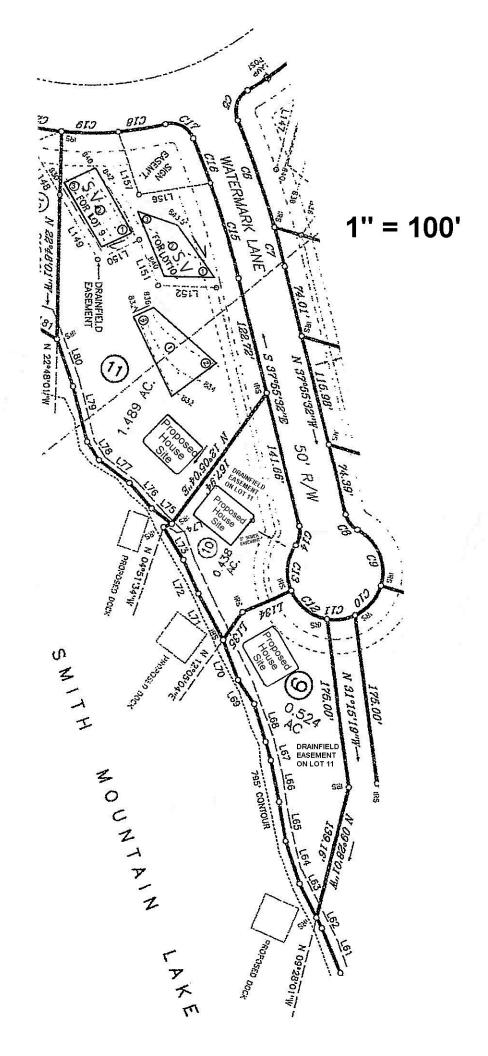
2

Hole #	Horizon	Depth (in)	Description	Texture Group
Auger 1	Bt C1 C2	0-18 18-54 54-70	Red (2.5YR 5/8) clay loam Yellowish Red (5YR 5/8) loam with many mica flakes Strong Brown (7.5YR 5/6) loam with many mica flakes	3 2 2
Auger 2	Bt BC C	0-8 8-28 28-66	Red (2.5YR 5/8) clay loam Reddish Yellow (7.5YR 6/8) channery loam with many mica flakes; 15% coarse fragments Red (10R 5/6) loam with many mica flakes	3 2 2

Applicants: Subdivision: Sanctuary Village Lot: 9 Acreage: 0.524

Main DF		Reserve DF	
Type of system	Pump to DF Easement	Reserve Area Required	No
EPR	35	Type of Reserve	N/A
Slope %	24	EPR	N/A
# Bedrooms	3	Slope %	N/A
Gallons/Day	450	Gallons/Day	N/A
Width of Trench (ft.)	3	Width of Trench (ft.)	N/A
Total Square Ft. of Trench Bottom Required per BR	286	Total Square Ft. of Trench Bottom Required	N/A
Total Square Ft. of Trench Bottom per BR in Design	300	Total Square Ft. of Trench Bottom in Design	N/A
Total Square Ft. of Trench Bottom Required	858	# Lines of Reserve	N/A
Total Square Ft. of Trench Bottom in Design	900	Line Length (ft.)	N/A
# Lines Installed	4	Installed <24" from Rock or Other Impervious Strata	N/A
Length of Line Installed (ft.)	75	Centers (ft.)	N/A
Installed <24" from Rock or Other Impervious Strata	Yes	Width Required (ft.)	N/A
Centers (ft.)	11	Width in Design (ft.)	N/A
Width Required (ft.)	36	Installation Depth (inches into natural soil)	N/A
Installation Depth (inches into natural soil)	42	Amount of Backfill Required (inches)	N/A
Amount of Backfill Required (inches)	N/A		
,		Type of Well Recommended	Community Water Supply
		Amount of Casing & Grout (ft.)	N/A

Page 37 of 82 Sanctuary Village Lot 9 (0.524 acres)





# SOIL AND ENVIRONMENTAL TECHNOLOGY, INC 111 N. Franklin Street, Christiansburg, VA 24073 Phone: (540) 381-0309 Fax: (540) 381-9430 E-mail: setec@soilandenvironmentaltechnology.com

Addi Directhe F	e: licant: ress: ctions to Property: division: eage"	US-29 N (7.1 m	. Washington Hwy, S i), L on Old Mine Rd ( , R on Smith Mtn Rd	(3.7 mi), slight L	eta, VA 24121 ( then right to contine	7-3865 <b>Erik Plyler</b> e on Old Mine Rd (1.	5 mi), L
1.	Position in la	andscape satisfa		ormation Summa	<b>ary</b> Describe: Sideslope	)	
2.	Slope 8	%	,		·		
3.	·	ck\impervious str	ata: Max. >84"	Min.	None		
4.	Depth to sea	asonal water tab	le (gray mottling or gr	ray color) No	x Yes		
5.	Free water <sub>l</sub>	present No	x Yes	range in inch	nes		
6.	Soil percola	tion rate estimate	<del></del> -	cture group 2 imated rate 35	5 Min/inch		
7.	Percolation	test performed	No x Depth of	r of percolation to of percolation tes e percolation rate	st holes		
	ne and title of	evaluator:	David Hall		AOSE/PSS		
		1 grand	•				
,	at 66" d area for	epth at site desig	on trenches dispersin gnated. Site provides cated in easement or	a total of 900 s	square feet of abso	rption	
	Site Disa	approved:					
Reas 1 2 3 4 5 6 7	Position Insufficie Insufficie Rates of Insufficie	ent depth of suita ent depth of suita absorption too s ent area of accep d system too clo	oject to flooding or pe ble soil over hard roo ble soil to seasonal v low. stable soil for required	ck. vater table.			

Date of Evaluation: 10/4/2019 Pittsylvania County Health Department

x See application sketch See construction permit

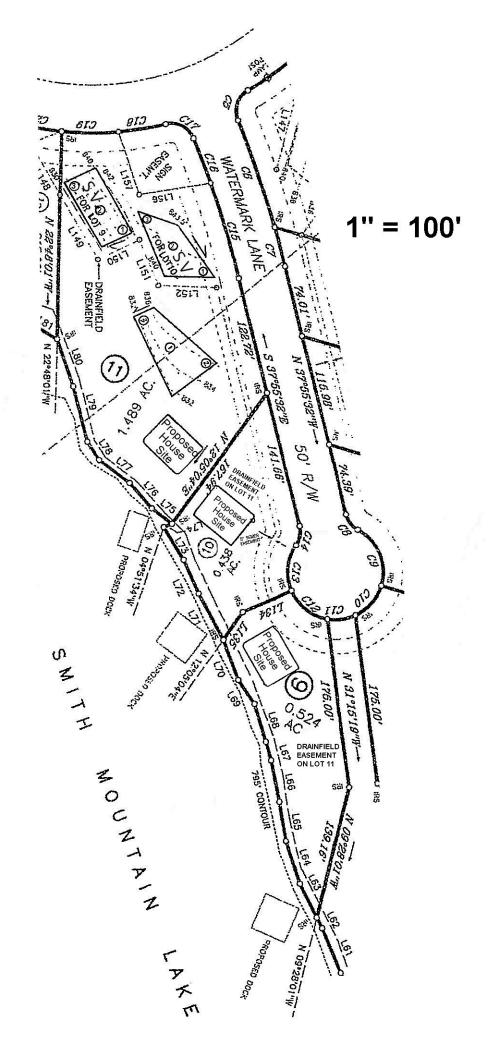
Applicants: Subdivision: Sanctuary Village Lot: 10 Acreage: 0.438

Hole #	Horizon	Depth (in)	Description	Texture Group
Auger 1	Α	0-1	Brown (7.5YR 4/4) sandy loam	2
	Bt	1-18	Yellowish Red (5YR 5/8) clay loam	3 2
	C1	18-50	Yellowish Red (5YR 4/6) channery loam with many mica flakes; 15% coarse fragments	2
	C2	50-70	Red (2.5YR 5/8) channery loam with many mica flakes; 15% coarse fragments	2
	C3	70-84	Brown (7.5YR 4/4) channery loam with many mica flakes; 15% coarse fragments	2
Auger 2	A Bt	0-3	Dark Brown (7.5YR 3/4) sandy loam	2 3 2 2
		3-30	Dark Red (2.5YR 3/6) clay loam	ა ე
	ВС	30-60	Yellowish Red (5YR 4/6) loam	2
Auger 3	C A BA	60-84 0-3 3-20	Red (10R 4/6) sandy loam with many mica flakes  Dark Brown (7.5YR 3/4) loam  Yellowish Red (5YR 4/6) loam	2 2 2 3 2
	Bt	20-45	Dark Red (2.5YR 3/6) clay loam	3
	BC	45-84	Red (2.5YR 4/8) loam	2

Applicants: Subdivision: Sanctuary Village Lot: 10 Acreage: 0.438

Main DF		Reserve DF	
Type of system	Pump to DF Easement	Reserve Area Required	No
EPR	35	Type of Reserve	N/A
Slope %	8	EPR	N/A
# Bedrooms	3	Slope %	N/A
Gallons/Day	450	Gallons/Day	N/A
Width of Trench (ft.)	3	Width of Trench (ft.)	N/A
Total Square Ft. of Trench Bottom Required per BR	286	Total Square Ft. of Trench Bottom Required	N/A
Total Square Ft. of Trench Bottom per BR in Design	300	Total Square Ft. of Trench Bottom in Design	N/A
Total Square Ft. of Trench Bottom Required	858	# Lines of Reserve	N/A
Total Square Ft. of Trench Bottom in Design	900	Line Length (ft.)	N/A
# Lines Installed	6	Installed <24" from Rock or Other Impervious Strata	N/A
Length of Line Installed (ft.)	50	Centers (ft.)	N/A
Installed <24" from Rock or Other Impervious Strata	Yes	Width Required (ft.)	N/A
Centers (ft.)	10	Width in Design (ft.)	N/A
Width Required (ft.)	53	Installation Depth (inches into natural soil)	N/A
Installation Depth (inches into natural soil)	66	Amount of Backfill Required (inches)	N/A
Amount of Backfill Required (inches)	N/A		
(1101)		Type of Well Recommended	Community Water Supply
		Amount of Casing & Grout (ft.)	N/A

Page 41 of 82 Sanctuary Village Lot 10 (0.438 acres)





Other (Specify)

## SOIL AND ENVIRONMENTAL TECHNOLOGY, INC 111 N. Franklin Street, Christiansburg, VA 24073 Phone: (540) 381-0309 Fax: (540) 381-9430 E-mail: setec@soilandenvironmentaltechnology.com

Add Dire the I Sub	e: licant: ress: ctions to Property: division: eage:	4/22/2020 Pittsylvania County Health Department Plyler Properties,Inc Telephone #: (540) 537-3865 <b>Erik Plyler</b> 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121 US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to contine on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, +/- 0.5 miles to property on L Sanctuary Village Lot: 11 1.489
1.	Position in I	Soil Information Summary  andscape satisfactory  Yes x No Describe: Sideslope
2.	Slope 23	
3.	·	ck∖impervious strata: Max. 72" Min. None
4.	Depth to se	asonal water table (gray mottling or gray color) No x Yes
5.	Free water <sub>l</sub>	present No x Yes range in inches
6.	Soil percola	tion rate estimated Yes x No Estimated rate 30 Min/inch
7.	Percolation	test performed  Yes  No  No  No  No  No  No  No  No  No  N
Nan	ne and title of	evaluator: Olivia Simpson AOSE
Sigr	nature:	
	at 48" de	proved: Absorption trenches dispersing septic tank effluent via pump to be placed epth at site designated. Site provides a total of 810 square feet of absorption the drainfield. This site does not require a reserve.
	Site Disa	approved:
Rea 1 2 3 4 5 6 7	Position Insufficie Insufficie Rates of Insufficie	tion: (check all that apply) in landscape subject to flooding or periodic saturation. ent depth of suitable soil over hard rock. ent depth of suitable soil to seasonal water table. f absorption too slow. ent area of acceptable soil for required drainfield, and\or reserve area d system too close to well specify)

### **PROFILE DESCRIPTION SOIL EVALUATION REPORT**

Date of Evaluation: 9/27/2019 Pittsylvania County Health Department

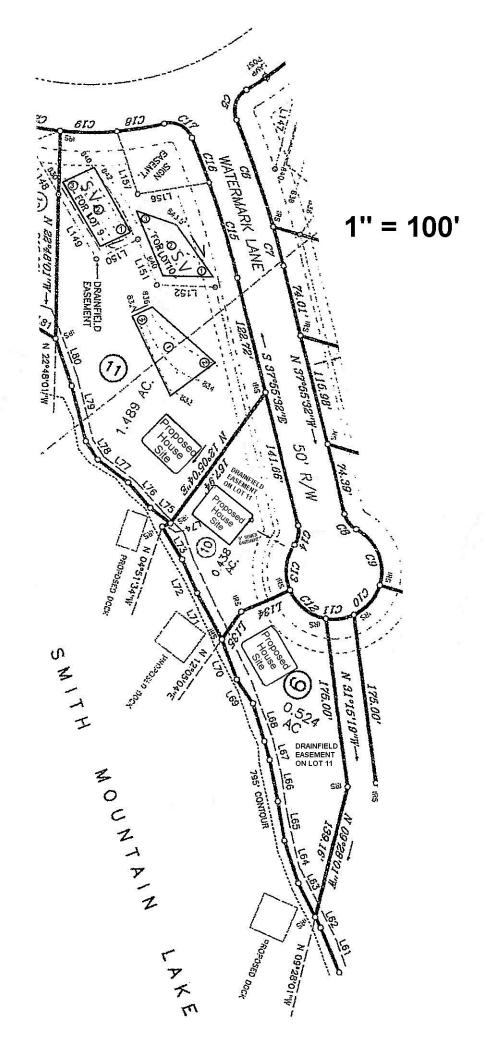
x See application sketch See construction permit

Applicants:			Subdivision: Sanctuary Village Lot: 11 Acr	eage: 1.489
Hole #	Horizon	Depth (in)	Description	Texture Group
Auger 1	A Bt BC C	0-4 4-15 15-36 36-72	Dark Brown (7.5YR 3/2) sandy loam Dark Red (2.5YR 3/6) silty clay loam Yellowish Red (5YR 4/6) loam with many mica flakes Reddish Brown (5YR 4/4) sandy loam with many mica flakes	2 3 2 2
Auger 2	A BA Bt C1	0-1 1-12 12-24 24-72	Dark Brown (7.5YR 3/2) sandy loam Yellowish Red (5YR 5/6) sandy loam Dark Red (2.5YR 3/6) silty clay loam Brown (7.5YR 4/4) channery sandy loam with many mica flakes; 15% coarse fragments	2 2 3 2
Auger 3	A BA Bt C1	0-1 1-5 5-24 24-72	Dark Brown (7.5YR 3/2) sandy loam Yellowish Red (5YR 5/6) sandy loam Dark Red (2.5YR 3/6) silty clay loam Reddish Brown (5YR 4/4) sandy loam with many mica flakes	2 2 3 2

Applicants: Subdivision: Sanctuary Village Lot: 11 Acreage: 1.489

	Reserve DF	
Pump	Reserve Area Required	No
30	Type of Reserve	N/A
23	EPR	N/A
3	Slope %	N/A
450	Gallons/Day	N/A
3	Width of Trench (ft.)	N/A
260	Total Square Ft. of Trench Bottom Required	N/A
270	Total Square Ft. of Trench Bottom in Design	N/A
780	# Lines of Reserve	N/A
810	Line Length (ft.)	N/A
3	Installed <24" from Rock or Other Impervious Strata	N/A
90	Centers (ft.)	N/A
No	Width Required (ft.)	N/A
10	Width in Design (ft.)	N/A
23	Installation Depth (inches into natural soil)	N/A
48	Amount of Backfill Required (inches)	N/A
N/A		
	Type of Well Recommended	Community Water Supply
	Amount of Casing & Grout (ft.)	N/A
	30 23 3 450 3 260 270 780 810 3 90 No 10 23 48	Pump Reserve Area Required  30 Type of Reserve  23 EPR  3 Slope %  450 Gallons/Day  3 Width of Trench (ft.)  260 Total Square Ft. of Trench Bottom Required  270 Total Square Ft. of Trench Bottom in Design  780 #Lines of Reserve  810 Line Length (ft.)  3 Installed <24" from Rock or Other Impervious Strata  90 Centers (ft.)  No Width Required (ft.)  10 Width in Design (ft.)  23 Installation Depth (inches into natural soil)  48 Amount of Backfill Required (inches)  N/A

Page 45 of 82 Sanctuary Village Lot 11 (1.489 acres)





# SOIL AND ENVIRONMENTAL TECHNOLOGY, INC 111 N. Franklin Street, Christiansburg, VA 24073 Phone: (540) 381-0309 Fax: (540) 381-9430 E-mail: setec@soilandenvironmentaltechnology.com

the Pr	ess: ions to operty: vision:	4/22/2020 Pittsylvania County Health Department Plyler Properties,Inc Telephone #: (540) 537-3865 <b>Erik Plyler</b> 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121 US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to contine on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, +/- 0.5 miles to property on L Sanctuary Village Lot: 12 4.124
1. I	Position in la	Soil Information Summary  andscape satisfactory  Yes X No Describe: Sideslope
	Slope 16	%
3. [	Depth to roc	ck\impervious strata: Max. >108" Min. None
4. [	Depth to sea	asonal water table (gray mottling or gray color) No x Yes
5. I	Free water រុ	present No x Yes range in inches
6. \$	Soil percola	tion rate estimated Yes X Texture group 2 No Estimated rate 35 Min/inch
7. I	Percolation	test performed Yes Number of percolation test holes No x Depth of percolation test holes Average percolation rate
Name	and title of	evaluator: David Hall PSS/AOSE
Signa	ture: _	VALOR
X	at 90" de	roved: Absorption trenches dispersing septic tank effluent via pump to be placed epth at site designated. Site provides a total of 900 square feet of absorption the drainfield. This site does not require a reserve.
	Site Disa	approved:
Reaso 1 2 3 4 5 6 7	Position Insufficie Insufficie Rates of Insufficie	ion: (check all that apply) in landscape subject to flooding or periodic saturation. ent depth of suitable soil over hard rock. ent depth of suitable soil to seasonal water table. absorption too slow. ent area of acceptable soil for required drainfield, and\or reserve area d system too close to well pecify)

Date of Evaluation: 10/29/2019 Pittsylvania County Health Department

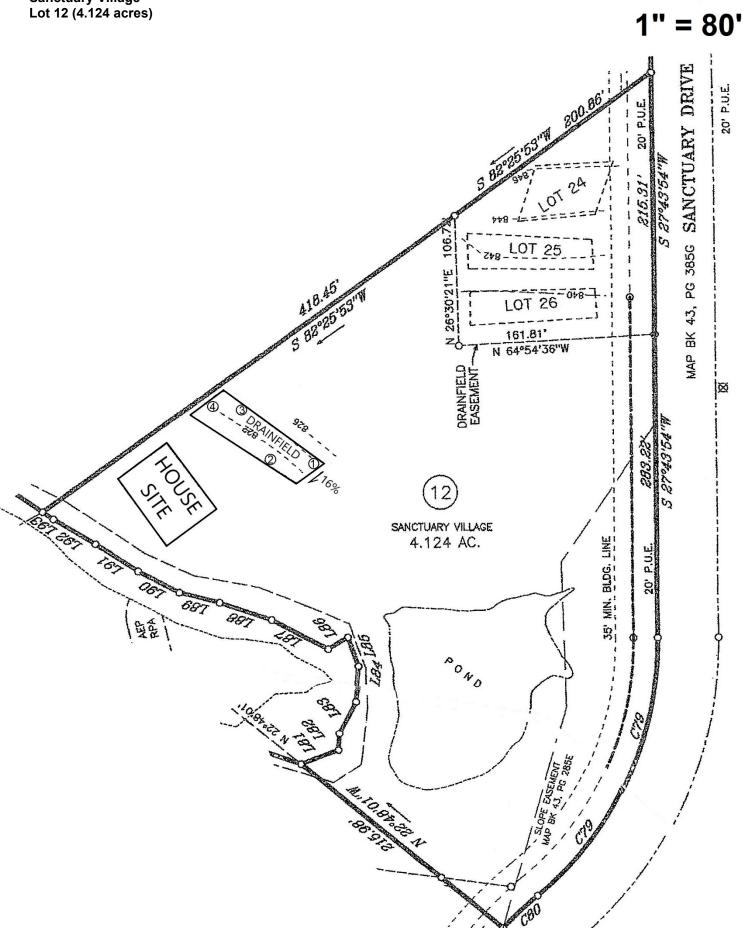
x See application sketch See construction permit

Applicants: Subdivision: Sanctuary Village Lot: 12 Acreage: 4.124

Hole #	Horizon	Depth (in)	Description	Texture Group
Auger 1	A	0-2	Dark Brown (7.5YR 3/3) Loam	2
	BA Bt	2-6 6-36	Brown (7.5YR 5/4) Loam Red (2.5YR 5/8) Clay	Z 1
	C1	36-48	Yellowish Brown (10YR 5/6) Loam w/ many mica flakes; 10% Phylite Channers	2 4 2
	C2	48-74	Red (2.5YR 5/6) Loam w/ many mica flakes	2
	C3	74-108	Yellowish Red (5YR 5/6) Loam w/ many mica flakes	2 2
Auger 2	A BA	0-1 1-6	Dark Brown (7.5YR 3/3) gravelly Loam; 15% coarse fragments Brown (7.5YR 5/4) Loam	2
	Bt	6-40	Red (2.5YR 5/8) Clay	<u> </u>
	BC	40-50	Yellowish Red (5YR 5/6) Clay Loam	2 4 3 2 2
	C1	50-76	Reddish Yellow (5YR 6/8) Loam	2
	C2	76-108	Reddish Yellow (7.5YR 6/8) Sandy Loam	2
Auger 3	A BA Bt BC	0-2 2-8 8-42 42-66	Dark Brown (7.5YR 3/3) gravelly Loam; 15% coarse fragments Brown (7.5YR 5/4) Loam Red (2.5YR 5/8) Clay Yellowish Red (5YR 5/6) Clay Loam	2 2 4 3 2
	С	66-108	Reddish Yellow (7.5YR 6/8) Sandy Loam	2

Applicants: Subdivision: Sanctuary Village Lot: 12 Acreage: 4.124

Main DF		Reserve DF	
Type of system	Pump	Reserve Area Required	No
EPR	35	Type of Reserve	N/A
Slope %	16	EPR	N/A
# Bedrooms	3	Slope %	N/A
Gallons/Day	450	Gallons/Day	N/A
Width of Trench (ft.)	3	Width of Trench (ft.)	N/A
Total Square Ft. of Trench Bottom Required per BR	286	Total Square Ft. of Trench Bottom Required	N/A
Total Square Ft. of Trench Bottom per BR in Design	300	Total Square Ft. of Trench Bottom in Design	N/A
Total Square Ft. of Trench Bottom Required	858	# Lines of Reserve	N/A
Total Square Ft. of Trench Bottom in Design	900	Line Length (ft.)	N/A
# Lines Installed	3	Installed <24" from Rock or Other Impervious Strata	N/A
Length of Line Installed (ft.)	100	Centers (ft.)	N/A
Installed <24" from Rock or Other Impervious Strata	Yes	Width Required (ft.)	N/A
Centers (ft.)	10	Width in Design (ft.)	N/A
Width Required (ft.)	23	Installation Depth (inches into natural soil)	N/A
Installation Depth (inches into natural soil)	90	Amount of Backfill Required (inches)	N/A
Amount of Backfill Required (inches)	N/A		
,		Type of Well Recommended	Community Water Supply
		Amount of Casing & Grout (ft.)	N/A





Other (Specify)

# SOIL AND ENVIRONMENTAL TECHNOLOGY, INC 111 N. Franklin Street, Christiansburg, VA 24073 Phone: (540) 381-0309 Fax: (540) 381-9430 E-mail: setec@soilandenvironmentaltechnology.com

	ss: ions to operty: vision:	4/22/2020 Pittsylvania County Health Department Plyler Properties,Inc Telephone #: (540) 537-3865 <b>Erik Plyler</b> 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121 US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to contine on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, +/- 0.5 miles to property on L Sanctuary Village Lot: 13 1.728
4 -	S 141 1 1	Soil Information Summary
1. F	Position in I	andscape satisfactory Yes x No Describe: Sideslope
2. 8	Slope 10	%
3. [	Depth to roo	ck\impervious strata: Max. >100" Min. 86" None
4. C	Depth to sea	asonal water table (gray mottling or gray color) No x Yes
5. F	ree water p	present No x Yes range in inches
6. 8	Soil percola	tion rate estimated Yes X Texture group 2 No Estimated rate 35 Min/inch
7. F	Percolation	test performed Yes Number of percolation test holes No x Depth of percolation test holes Average percolation rate
Name	and title of	evaluator: David Hall PSS/AOSE
Signat	ture: _	VSASOL
X	at 60" de	roved: Absorption trenches dispersing septic tank effluent via pump to be placed epth at site designated. Site provides a total of 900 square feet of absorption the drainfield. This site does not require a reserve.
	Site Disa	approved:
Reaso 1 2 3 4 5 6 7	Position Insufficie Insufficie Rates of Insufficie	ion: (check all that apply) in landscape subject to flooding or periodic saturation. ent depth of suitable soil over hard rock. ent depth of suitable soil to seasonal water table. absorption too slow. ent area of acceptable soil for required drainfield, and\or reserve area d system too close to well pecify)

C2

74-88

### PROFILE DESCRIPTION SOIL EVALUATION REPORT

Date of Evaluation: 9/27/2019 Pittsylvania County Health Department

x See application sketch See construction permit

Applicants:			Subdivision: Sanctuary Village Lot: 13	Acreage:	1.728
Hole #	Horizon	Depth (in)	Description		exture Group
Auger 1	A BA Bt BC C	0-3 3-12 12-30 30-48 48-86	Brown (7.5YR 4/3) sandy loam Brown (7.5YR 5/4) sandy loam Red (2.5YR 5/8) clay loam Yellowish Red (5YR 5/8) sandy clay loam Yellowish Red (5YR 5/8) sandy loam with many mica flakes		2 2 3 2 2
Auger 2	A BA Bt BC C1 C2	0-2 2-6 6-30 30-48 48-84 84-100	Brown (7.5YR 4/3) sandy loam Brown (7.5YR 5/4) sandy loam Red (2.5YR 5/8) clay loam Yellowish Red (5YR 5/8) sandy clay loam Yellowish Red (5YR 5/8) sandy loam with many mica flakes Reddish Yellow (7.5YR 6/8) sandy loam with many mica flakes		2 2 3 2 2 2
Auger 3	A BA Bt C1	0-4 4-10 10-30 30-74	Brown (7.5YR 4/3) sandy loam Brown (7.5YR 5/4) sandy loam Yellowish Red (5YR 5/8) sandy clay loam Yellowish Red (5YR 5/8) sandy loam with many mica flakes		2 2 2 2

Reddish Yellow (7.5YR 6/8) sandy loam with many mica flakes

2

Applicants: Subdivision: Sanctuary Village Lot: 13 Acreage: 1.728

Main DF		Reserve DF	
Type of system	Pump	Reserve Area Required	No
EPR	35	Type of Reserve	N/A
Slope %	10	EPR	N/A
# Bedrooms	3	Slope %	N/A
Gallons/Day	450	Gallons/Day	N/A
Width of Trench (ft.)	3	Width of Trench (ft.)	N/A
Total Square Ft. of Trench Bottom Required per BR	286	Total Square Ft. of Trench Bottom Required	N/A
Total Square Ft. of Trench Bottom per BR in Design	300	Total Square Ft. of Trench Bottom in Design	N/A
Total Square Ft. of Trench Bottom Required	858	# Lines of Reserve	N/A
Total Square Ft. of Trench Bottom in Design	900	Line Length (ft.)	N/A
# Lines Installed	5	Installed <24" from Rock or Other Impervious Strata	N/A
Length of Line Installed (ft.)	60	Centers (ft.)	N/A
Installed <24" from Rock or Other Impervious Strata	No	Width Required (ft.)	N/A
Centers (ft.)	10	Width in Design (ft.)	N/A
Width Required (ft.)	43	Installation Depth (inches into natural soil)	N/A
Installation Depth (inches into natural soil)	60	Amount of Backfill Required (inches)	N/A
Amount of Backfill Required (inches)	N/A		
,		Type of Well Recommended	Community Water Supply
		Amount of Casing & Grout (ft.)	N/A



# SOIL AND ENVIRONMENTAL TECHNOLOGY, INC 111 N. Franklin Street, Christiansburg, VA 24073 Phone: (540) 381-0309 Fax: (540) 381-9430 E-mail: setec@soilandenvironmentaltechnology.com

the P	cant: ess: tions to roperty: ivision:	4/22/2020 Pittsylvania County Health Department Plyler Properties,Inc Telephone #: (540) 537-3865 <b>Erik Plyler</b> 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121 US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to contine on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, +/- 0.5 miles to property on L Sanctuary Village Lot: 14 2.348
4	D :4: : !-	Soil Information Summary
1.	Position in ia	andscape satisfactory Yes x No Describe: Sideslope
2.	Slope 15	%
3.	Depth to roc	sk∖impervious strata: Max. >84" Min. None
4.	Depth to sea	asonal water table (gray mottling or gray color) No x Yes
5.	Free water բ	present No x Yes range in inches
6.	Soil percola	tion rate estimated Yes X Texture group 2 No Estimated rate 35 Min/inch
7.	Percolation <sup>•</sup>	test performed  Yes  No  X  Number of percolation test holes  Depth of percolation test holes  Average percolation rate
Name	e and title of	evaluator: Olivia Simpson AOSE
Signa	ature:	
X	at 60" d	roved: Absorption trenches dispersing septic tank effluent via pump to be placed epth at site designated. Site provides a total of 900 square feet of absorption the drainfield. This site does not require a reserve.
	Site Disa	approved:
Reas 1 2 3 4 5 6 7	Position Insufficie Insufficie Rates of Insufficie	ion: (check all that apply) in landscape subject to flooding or periodic saturation. ent depth of suitable soil over hard rock. ent depth of suitable soil to seasonal water table. absorption too slow. ent area of acceptable soil for required drainfield, and\or reserve area d system too close to well pecify)

Date of Evaluation: 9/20/2019 Pittsylvania County Health Department

x See application sketch See construction permit

Applicants:			Subdivision: Sanctuary Village Lot: 14 A	creage:	2.348
Hole #	Horizon	Depth (in)	Description		exture Group
Auger 1	A BA Bt BC C	0-4 4-12 12-36 36-50 50-84	Brown (7.5YR 4/4) sandy loam Reddish Brown (5YR 4/4) loam Yellowish Red (5YR 4/6) clay loam Red (2.5YR 4/6) loam Red (2.5YR 4/6) gravelly sandy loam with many mica flakes; 15% coarse fragments		2 2 3 2 2
Auger 2	A Bt BC C	0-1 1-15 15-30 30-84	Brown (7.5YR 4/3) sandy loam Red (2.5YR 4/6) clay loam Reddish Brown (2.5YR 4/4) channery sandy loam with many mica flakes; 15% coarse fragments Yellowish Red (5YR 4/6) channery sandy loam with many mica flakes 15% coarse fragments	s;	2 3 2 2
Auger 3	A BA Bt BC C	0-3 3-12 12-30 30-42 42-84	Brown (7.5YR 4/4) sandy loam Reddish Brown (5YR 4/4) loam Yellowish Red (5YR 4/6) clay loam Red (2.5YR 4/6) loam Red (2.5YR 4/6) gravelly sandy loam with many mica flakes; 15%		2 2 3 2 2

coarse fragments

Applicants: Subdivision: Sanctuary Village Lot: 14 Acreage: 2.348

Main DF		Reserve DF	
Type of system	Pump	Reserve Area Required	No
EPR	35	Type of Reserve	N/A
Slope %	15	EPR	N/A
# Bedrooms	3	Slope %	N/A
Gallons/Day	450	Gallons/Day	N/A
Width of Trench (ft.)	3	Width of Trench (ft.)	N/A
Total Square Ft. of Trench Bottom Required per BR	286	Total Square Ft. of Trench Bottom Required	N/A
Total Square Ft. of Trench Bottom per BR in Design	300	Total Square Ft. of Trench Bottom in Design	N/A
Total Square Ft. of Trench Bottom Required	858	# Lines of Reserve	N/A
Total Square Ft. of Trench Bottom in Design	900	Line Length (ft.)	N/A
# Lines Installed	4	Installed <24" from Rock or Other Impervious Strata	N/A
Length of Line Installed (ft.)	75	Centers (ft.)	N/A
Installed <24" from Rock or Other Impervious Strata	No	Width Required (ft.)	N/A
Centers (ft.)	10	Width in Design (ft.)	N/A
Width Required (ft.)	33	Installation Depth (inches into natural soil)	N/A
Installation Depth (inches into natural soil)	60	Amount of Backfill Required (inches)	N/A
Amount of Backfill Required (inches)	N/A		
(		Type of Well Recommended	Community Water Supply
		Amount of Casing & Grout (ft.)	N/A



# SOIL AND ENVIRONMENTAL TECHNOLOGY, INC 111 N. Franklin Street, Christiansburg, VA 24073 Phone: (540) 381-0309 Fax: (540) 381-9430 E-mail: setec@soilandenvironmentaltechnology.com

	ant: ss: ions to operty: vision:	4/22/2020 Pittsylvania County Health Department Plyler Properties,Inc Telephone #: (540) 537-3865 <b>Erik Plyler</b> 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121 US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to contine on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, +/- 0.5 miles to property on L Sanctuary Village Lot: 15 2.617
4 5		Soil Information Summary
1. P	Position in 18	andscape satisfactory Yes x No Describe: Sideslope
2. S	Slope 14	%
3. D	Depth to roc	k\impervious strata: Max. >84" Min. None
4. D	Depth to sea	asonal water table (gray mottling or gray color) No x Yes
5. F	ree water p	present No x Yes range in inches
6. S	Soil percola	tion rate estimated Yes X Texture group 2 No Estimated rate 35 Min/inch
7. P	Percolation	test performed Yes Number of percolation test holes No x Depth of percolation test holes Average percolation rate
Name	and title of	evaluator: Olivia Simpson AOSE
Signat	ture:	De- Q-
X	at 60" d	roved: Absorption trenches dispersing septic tank effluent via pump to be placed epth at site designated. Site provides a total of 900 square feet of absorption the drainfield. This site does not require a reserve.
	Site Disa	approved:
Reaso 1 2 3 4 5 6 7	Position Insufficie Insufficie Rates of Insufficie	ion: (check all that apply) in landscape subject to flooding or periodic saturation. ent depth of suitable soil over hard rock. ent depth of suitable soil to seasonal water table. absorption too slow. ent area of acceptable soil for required drainfield, and\or reserve area d system too close to well pecify)

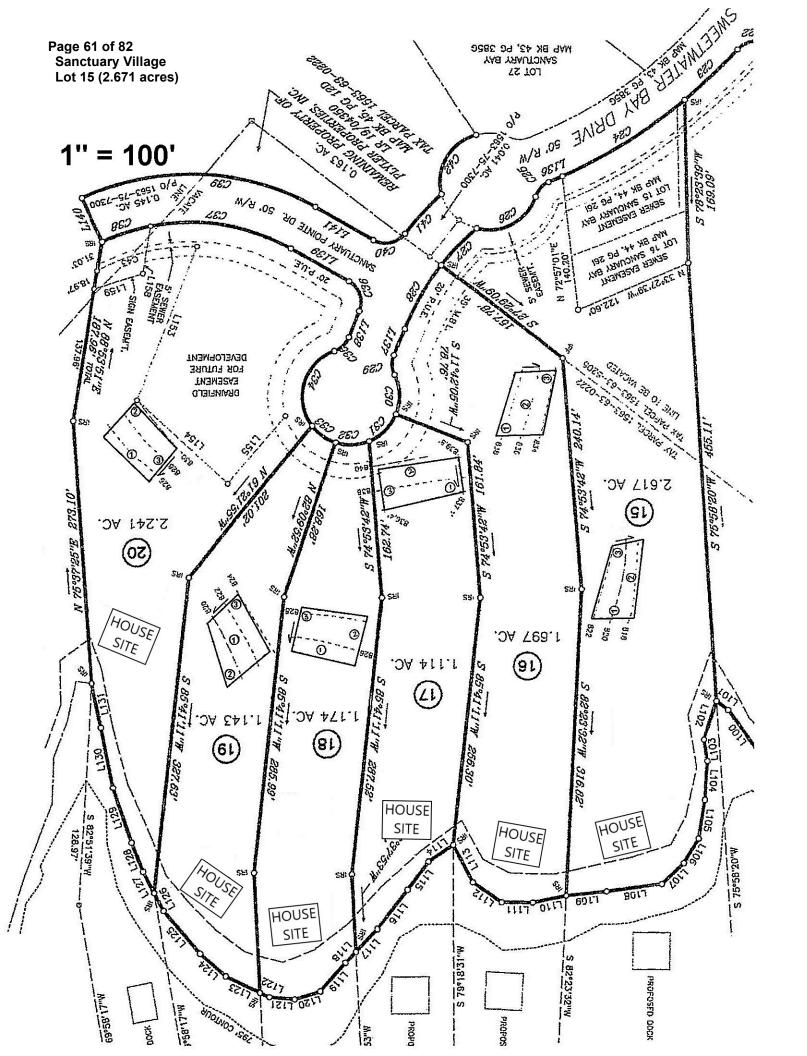
Date of Evaluation: 9/17/2019 Pittsylvania County Health Department

x See application sketch See construction permit

Applicants:			<b>Subdivision</b> : Sanctuary Village <b>Lot</b> : 15	Acreage: 2	.617
Hole #	Horizon	Depth (in)	Description	Textu Grou	
Auger 1	A Bt BC C1 C2	0-4 4-24 24-30 30-50 50-84	Reddish Brown (5YR 4/3) sandy loam Dark Red (2.5YR 3/6) silty clay loam Yellowish Red (5YR 4/6) loam with many mica flakes Strong Brown (7.5YR 4/6) loam with many mica flakes Red (2.5YR 4/6) sandy loam with many mica flakes	2 3 2 2 2	
Auger 2	A BA Bt BC C	0-1 1-8 8-24 24-30 30-84	Reddish Brown (5YR 4/3) sandy loam Strong Brown (7.5YR 4/6) loam Dark Red (2.5YR 3/6) silty clay loam Red (2.5YR 4/6) sandy clay loam Red (2.5YR 4/6) sandy loam	2 2 3 2 2	
Auger 3	A BA Bt C	0-1 1-10 10-30 30-84	Reddish Brown (5YR 4/3) sandy loam Strong Brown (7.5YR 4/6) sandy loam Yellowish Red (5YR 4/6) silty clay loam Red (2.5YR 4/6) sandy loam	2 2 3 2	

Applicants: Subdivision: Sanctuary Village Lot: 15 Acreage: 2.617

Main DF		Reserve DF	
Type of system	Pump	Reserve Area Required	No
EPR	35	Type of Reserve	N/A
Slope %	14	EPR	N/A
# Bedrooms	3	Slope %	N/A
Gallons/Day	450	Gallons/Day	N/A
Width of Trench (ft.)	3	Width of Trench (ft.)	N/A
Total Square Ft. of Trench Bottom Required per BR	286	Total Square Ft. of Trench Bottom Required	N/A
Total Square Ft. of Trench Bottom per BR in Design	300	Total Square Ft. of Trench Bottom in Design	N/A
Total Square Ft. of Trench Bottom Required	858	# Lines of Reserve	N/A
Total Square Ft. of Trench Bottom in Design	900	Line Length (ft.)	N/A
# Lines Installed	4	Installed <24" from Rock or Other Impervious Strata	N/A
Length of Line Installed (ft.)	75	Centers (ft.)	N/A
Installed <24" from Rock or Other Impervious Strata	No	Width Required (ft.)	N/A
Centers (ft.)	10	Width in Design (ft.)	N/A
Width Required (ft.)	33	Installation Depth (inches into natural soil)	N/A
Installation Depth (inches into natural soil)	60	Amount of Backfill Required (inches)	N/A
Amount of Backfill Required (inches)	N/A		
(mones)		Type of Well Recommended	Community Water Supply
		Amount of Casing & Grout (ft.)	N/A





7

# SOIL AND ENVIRONMENTAL TECHNOLOGY, INC 111 N. Franklin Street, Christiansburg, VA 24073 Phone: (540) 381-0309 Fax: (540) 381-9430 E-mail: setec@soilandenvironmentaltechnology.com

the Pr	eant: ss: ions to operty: vision:	4/22/2020 Pittsylvania County Health Dep Plyler Properties,Inc Telephone #: (540) 537-3865 <b>Erik Plyler</b> 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121 US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to contine on Old Mine Rd (1.5 on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, +/- 0.5 miles to property Sanctuary Village Lot: 16 1.697	5 mi), L
4 -	Daaitian in le	Soil Information Summary	
1. F	Position in 18	landscape satisfactory  Yes x No Describe: Sideslope	
2. 5	Slope 13	3 %	
3. [	Depth to roc	ock\impervious strata: Max. >84" Min. 78" None	
4. C	Depth to sea	easonal water table (gray mottling or gray color) No x Yes	
5. F	ree water p	r present No x Yes range in inches	
6. 5	Soil percolat	ation rate estimated Yes X Texture group 2 No Estimated rate 35 Min/inch	
7. F	Percolation	Number of percolation test holes  No x  No percolation test holes  Average percolation rate	
Name	and title of	of evaluator: David Hall PSS/AOSE	
Signat	ture: _	TOUGH	
X	at 60" de	proved: Absorption trenches dispersing septic tank effluent via pump to be placed depth at site designated. Site provides a total of 975 square feet of absorption r the drainfield. This site does not require a reserve.	
	Site Disa	sapproved:	
Reaso 1 2 3 4 5 6 7	Position Insufficie Insufficie Rates of Insufficie	ction: (check all that apply) n in landscape subject to flooding or periodic saturation. cient depth of suitable soil over hard rock. cient depth of suitable soil to seasonal water table. of absorption too slow. cient area of acceptable soil for required drainfield, and\or reserve area ed system too close to well Specify)	

Date of Evaluation: 9/17/2019 Pittsylvania County Health Department

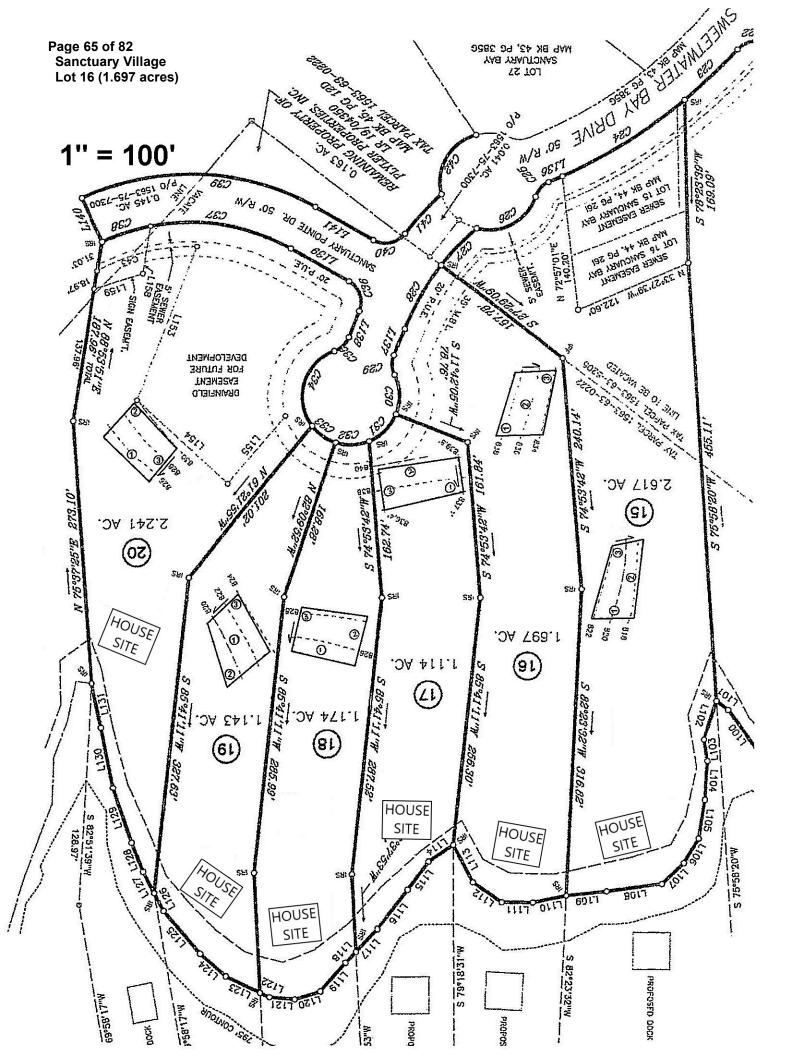
x See application sketch See construction permit

Applicants: Subdivision: Sanctuary Village Lot: 16 Acreage: 1.697

Hole #	Horizon	Depth (in)	Description	Texture Group
Auger 1	Α	0-4	Brown (7.5YR 4/3) sandy loam	2
_	BA	4-12	Yellowish Red (5YR 4/6) sandy loam	2 3
	Bt	12-30	Dark Red (2.5YR 3/6) clay loam; strong medium subangular blocky structure	3
	ВС	30-84	Yellowish Red (5YR 4/6) sandy loam with many mica flakes	2
Auger 2	Α	0-2	Brown (7.5YR 4/3) sandy loam	2
3	BA	2-12	Yellowish Red (5YR 4/6) sandy loam	2 2 3
	Bt	12-40	Dark Red (2.5YR 3/6) clay loam; strong medium subangular blocky structure	3
	C1	40-60	Yellowish Red (5YR 4/6) sandy loam with many mica flakes	2
	C2	60-78	Reddish Brown (2.5YR 4/4) sandy loam with many mica flakes	2
Auger 3	Α	0-4	Brown (7.5YR 4/3) sandy loam	2
3	BA	4-16	Yellowish Red (5YR 4/6) sandy loam	2 2 3
	Bt	16-48	Dark Red (2.5YR 3/6) clay loam; strong medium subangular blocky structure	3
	С	48-78	Dark Reddish Brown (2.5YR 3/4) sandy loam with many mica flakes	2

Applicants: Subdivision: Sanctuary Village Lot: 16 Acreage: 1.697

Main DF		Reserve DF	
Type of system	Pump	Reserve Area Required	No
EPR	35	Type of Reserve	N/A
Slope %	13	EPR	N/A
# Bedrooms	3	Slope %	N/A
Gallons/Day	450	Gallons/Day	N/A
Width of Trench (ft.)	3	Width of Trench (ft.)	N/A
Total Square Ft. of Trench Bottom Required per BR	286	Total Square Ft. of Trench Bottom Required	N/A
Total Square Ft. of Trench Bottom per BR in Design	325	Total Square Ft. of Trench Bottom in Design	N/A
Total Square Ft. of Trench Bottom Required	858	# Lines of Reserve	N/A
Total Square Ft. of Trench Bottom in Design	975	Line Length (ft.)	N/A
# Lines Installed	5	Installed <24" from Rock or Other Impervious Strata	N/A
Length of Line Installed (ft.)	65	Centers (ft.)	N/A
Installed <24" from Rock or Other Impervious Strata	Yes	Width Required (ft.)	N/A
Centers (ft.)	10	Width in Design (ft.)	N/A
Width Required (ft.)	43	Installation Depth (inches into natural soil)	N/A
Installation Depth (inches into natural soil)	60	Amount of Backfill Required (inches)	N/A
Amount of Backfill Required (inches)	N/A		
		Type of Well Recommended	Community Water Supply
		Amount of Casing & Grout (ft.)	N/A





7

# SOIL AND ENVIRONMENTAL TECHNOLOGY, INC 111 N. Franklin Street, Christiansburg, VA 24073 Phone: (540) 381-0309 Fax: (540) 381-9430 E-mail: setec@soilandenvironmentaltechnology.com

Addi Dire the I Sub	e: licant: ress: ctions to Property: division: eage:	4/22/2020 Pittsylvania County Health Department Plyler Properties,Inc Telephone #: (540) 537-3865 <b>Erik Plyler</b> 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121 US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to contine on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, +/- 0.5 miles to property on L Sanctuary Village Lot: 17 1.114
1.	Position in I	Soil Information Summary  andscape satisfactory  Yes x No Describe: Sideslope
2.	Slope 8	%
3.	Depth to roo	ck∖impervious strata: Max. >84" Min. None
4.	Depth to se	asonal water table (gray mottling or gray color) No x Yes
5.	Free water	present No x Yes range in inches
6.	Soil percola	tion rate estimated Yes X Texture group 2 No Estimated rate 35 Min/inch
7.	Percolation	test performed  Yes  No  No  No  No  No  No  No  No  No  N
Nam	ne and title of	f evaluator: David Hall PSS/AOSE
Sign	nature:	VSASOL
	at 66" d	proved: Absorption trenches dispersing septic tank effluent via pump to be placed lepth at site designated. Site provides a total of 960 square feet of absorption the drainfield. This site does not require a reserve.
	Site Disa	approved:
Rea 1 2 3 4 5 6 7	Position Insufficie Insufficie Rates of Insufficie	tion: (check all that apply) in landscape subject to flooding or periodic saturation. ent depth of suitable soil over hard rock. ent depth of suitable soil to seasonal water table. f absorption too slow. ent area of acceptable soil for required drainfield, and\or reserve area ed system too close to well Specify)

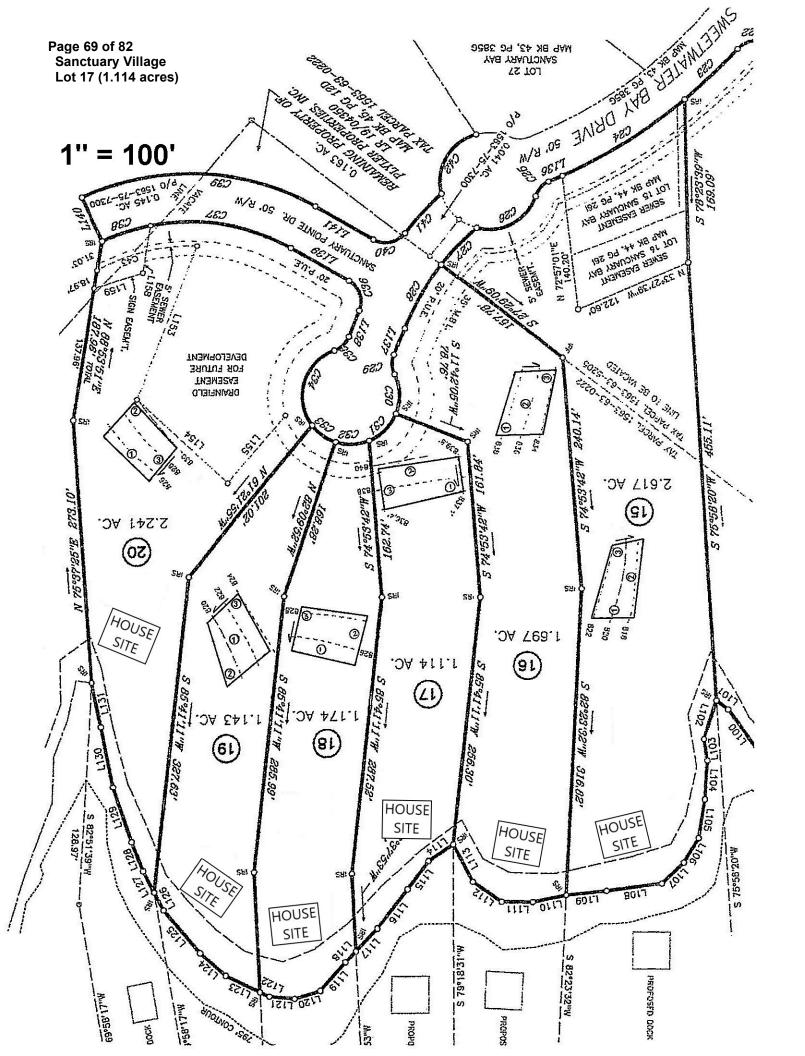
Date of Evaluation: 9/16/2019 Pittsylvania County Health Department

x See application sketch See construction permit

Applicants:			Subdivision: Sanctuary Village Lot: 17	Acreage: 1.114
Hole #	Horizon	Depth (in)	Description	Texture Group
Auger 1	Oi BA Bt1 Bt2 BC	0-1 1-6 6-12 12-50 50-84	Very Dark Gray (7.5YR 3/1) Strong Brown (7.5YR 5/8) loam Yellowish Red (5YR 5/8) clay loam Red (2.5YR 4/6) silty clay loam Yellowish Red (5YR 4/6) loam with many mica flakes	2 3 3 2
Auger 2	Oi BA Bt1 Bt2 BC	0-1 1-6 6-12 12-50 50-84	Very Dark Gray (7.5YR 3/1) Strong Brown (7.5YR 5/8) loam Yellowish Red (5YR 5/8) clay loam Red (2.5YR 4/6) silty clay loam Yellowish Red (5YR 4/6) loam with many mica flakes	2 3 3 2
Auger 3	BA Bt1 Bt2 BC	1-6 6-12 12-50 50-84	Strong Brown (7.5YR 5/8) loam Yellowish Red (5YR 5/8) clay loam Red (2.5YR 4/6) silty clay loam Yellowish Red (5YR 4/6) loam with many mica flakes	2 3 3 2

Applicants: Subdivision: Sanctuary Village Lot: 17 Acreage: 1.114

Main DF		Reserve DF		
Type of system	Pump	Reserve Area Required	No	
EPR	35	Type of Reserve	N/A	
Slope %	8	EPR	N/A	
# Bedrooms	3	Slope %	N/A	
Gallons/Day	450	Gallons/Day	N/A	
Width of Trench (ft.)	3	Width of Trench (ft.)	N/A	
Total Square Ft. of Trench Bottom Required per BR	286	Total Square Ft. of Trench Bottom Required	N/A	
Total Square Ft. of Trench Bottom per BR in Design	320	Total Square Ft. of Trench Bottom in Design	N/A	
Total Square Ft. of Trench Bottom Required	858	# Lines of Reserve	N/A	
Total Square Ft. of Trench Bottom in Design	960	Line Length (ft.)	N/A	
# Lines Installed	4	Installed <24" from Rock or Other Impervious Strata	N/A	
Length of Line Installed (ft.)	80	Centers (ft.)	N/A	
Installed <24" from Rock or Other Impervious Strata	Yes	Width Required (ft.)	N/A	
Centers (ft.)	10	Width in Design (ft.)	N/A	
Width Required (ft.)	33	Installation Depth (inches into natural soil)	N/A	
Installation Depth (inches into natural soil)	66	Amount of Backfill Required (inches)	N/A	
Amount of Backfill Required (inches)	N/A			
		Type of Well Recommended	Community Water Supply	
		Amount of Casing & Grout (ft.)	N/A	





Other (Specify)

# SOIL AND ENVIRONMENTAL TECHNOLOGY, INC 111 N. Franklin Street, Christiansburg, VA 24073 Phone: (540) 381-0309 Fax: (540) 381-9430 E-mail: setec@soilandenvironmentaltechnology.com

Addr Directhe F	icant: ress: ctions to Property: division:	4/22/2020 Pittsylvania County Health Department Plyler Properties,Inc Telephone #: (540) 537-3865 <b>Erik Plyler</b> 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121 US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to contine on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, +/- 0.5 miles to property on L Sanctuary Village Lot: 18
1.	Position in I	Soil Information Summary  andscape satisfactory  Yes x No Describe: Sideslope
2.	Slope 6	%
3.	Depth to roo	ck\impervious strata: Max. >84" Min. None
4.	Depth to sea	asonal water table (gray mottling or gray color) No x Yes
5.	Free water p	present No x Yes range in inches
6.	Soil percola	tion rate estimated Yes X Texture group 2 No Estimated rate 35 Min/inch
7.	Percolation	test performed Yes Number of percolation test holes No x Depth of percolation test holes Average percolation rate
Nam	e and title of	evaluator: David Hall PSS/AOSE
Sign	ature:	VSASOL
2	at 66" d	proved: Absorption trenches dispersing septic tank effluent via pump to be placed epth at site designated. Site provides a total of 975 square feet of absorption the drainfield. This site does not require a reserve.
	Site Disa	approved:
Reas 1 2 3 4 5 6 7	Position Insufficie Insufficie Rates of Insufficie	in landscape subject to flooding or periodic saturation. ent depth of suitable soil over hard rock. ent depth of suitable soil to seasonal water table. absorption too slow. ent area of acceptable soil for required drainfield, and\or reserve area d system too close to well epecify)

Date of Evaluation: 9/16/2019 Pittsylvania County Health Department

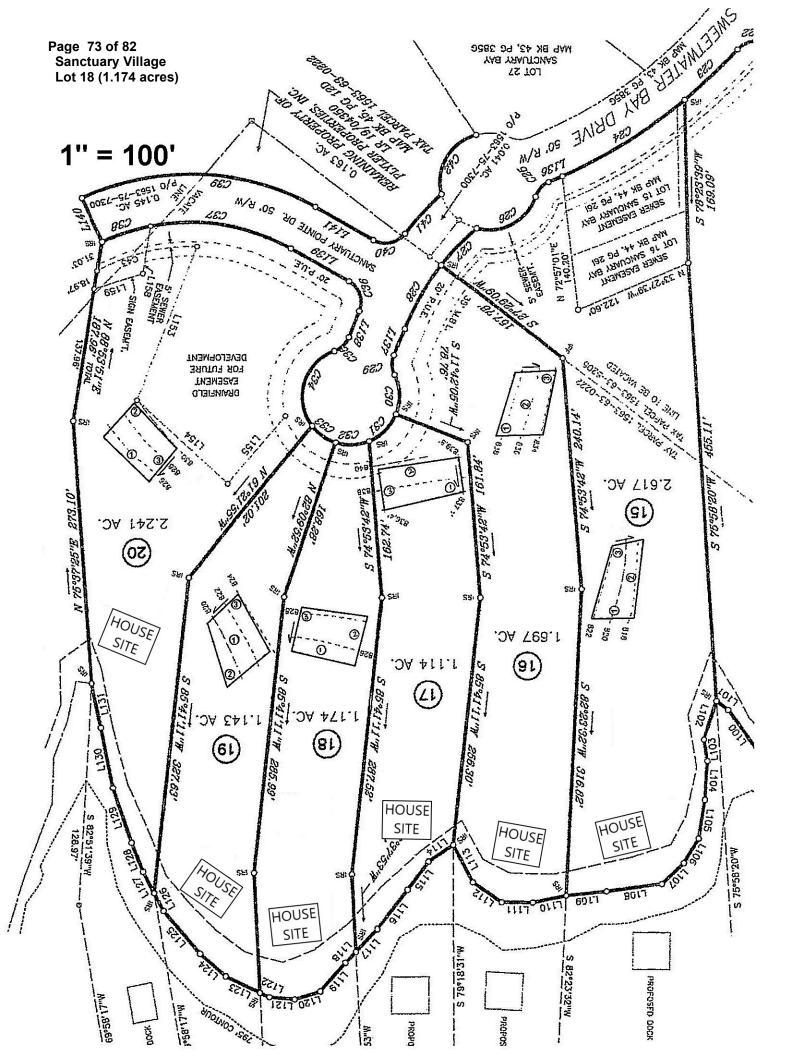
x See application sketch See construction permit

Applicants: Subdivision: Sanctuary Village Lot: 18 Acreage: 1.174

Hole #	Horizon	Depth (in)	Description	Texture Group
Auger 1	Oi Bt BC C1 C2	0-1 1-12 12-42 42-55 55-84	Very Dark Gray (7.5YR 3/1) Red (2.5YR 5/8) clay Dark Red (2.5YR 3/6); channery clay loam; 15% coarse fragments Red (2.5YR 5/8) loam Yellowish Red (5YR 5/8) loam	4 3 2 2
Auger 2	Oi A Bt C	0-1 1-8 8-36 36-84	Very Dark Gray (7.5YR 3/1) Strong Brown (7.5YR 5/8) loam Red (2.5YR 5/8) clay loam Red (2.5YR 4/6) sandy loam with many mica flakes	- 2 3 2
Auger 3	Oi A Bt BC C	0-1 1-10 10-30 30-50 50-84	Very Dark Gray (7.5YR 3/1) Strong Brown (7.5YR 5/6) loam Yellowish Red (5YR 5/6) silty clay loam Yellowish Red (5YR 4/6) loam Red (2.5YR 4/6) sandy loam with many mica flakes	2 3 2 2

Applicants: Subdivision: Sanctuary Village Lot: 18 Acreage: 1.174

Main DF		Reserve DF		
Type of system	Pump	Reserve Area Required	No	
EPR	35	Type of Reserve	N/A	
Slope %	6	EPR	N/A	
# Bedrooms	3	Slope %	N/A	
Gallons/Day	450	Gallons/Day	N/A	
Width of Trench (ft.)	3	Width of Trench (ft.)	N/A	
Total Square Ft. of Trench Bottom Required per BR	286	Total Square Ft. of Trench Bottom Required	N/A	
Total Square Ft. of Trench Bottom per BR in Design	325	Total Square Ft. of Trench Bottom in Design	N/A	
Total Square Ft. of Trench Bottom Required	858	# Lines of Reserve	N/A	
Total Square Ft. of Trench Bottom in Design	975	Line Length (ft.)	N/A	
# Lines Installed	5	Installed <24" from Rock or Other Impervious Strata	N/A	
Length of Line Installed (ft.)	65	Centers (ft.)	N/A	
Installed <24" from Rock or Other Impervious Strata	Yes	Width Required (ft.)	N/A	
Centers (ft.)	10	Width in Design (ft.)	N/A	
Width Required (ft.)	43	Installation Depth (inches into natural soil)	N/A	
Installation Depth (inches into natural soil)	66	Amount of Backfill Required (inches)	N/A	
Amount of Backfill Required (inches)	N/A			
,		Type of Well Recommended	Community Water Supply	
		Amount of Casing & Grout (ft.)	N/A	





Other (Specify)

# SOIL AND ENVIRONMENTAL TECHNOLOGY, INC 111 N. Franklin Street, Christiansburg, VA 24073 Phone: (540) 381-0309 Fax: (540) 381-9430 E-mail: setec@soilandenvironmentaltechnology.com

Add Dire the I Sub	e: licant: ress: ctions to Property: division: eage:	4/22/2020 Pittsylvania County Health Departme Plyler Properties,Inc Telephone #: (540) 537-3865 <b>Erik Plyler</b> 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121 US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to contine on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, +/- 0.5 miles to property on L Sanctuary Village Lot: 19 1.143
1.	Position in I	Soil Information Summary  andscape satisfactory  Yes x No Describe: Sideslope
2.	Slope 11	%
3.	Depth to roo	ck\impervious strata: Max. >84" Min. None
4.	Depth to se	asonal water table (gray mottling or gray color) No x Yes
5.	Free water	present No x Yes range in inches
6.	Soil percola	tion rate estimated Yes x No Estimated rate 35 Min/inch
7.	Percolation	test performed  Yes  No  No  No  No  No  No  No  No  No  N
Nan	ne and title of	evaluator: David Hall PSS/AOSE
Sigr	nature:	VSASOL
	depth at	proved: Absorption trenches dispersing septic tank effluent to be placed at 66" site designated. Site provides a total of 1170 square feet of absorption area for field. This site does not require a reserve.
	Site Disa	approved:
Rea 1 2 3 4 5 6 7	Position Insufficien Insufficien Rates of Insufficien	tion: (check all that apply) in landscape subject to flooding or periodic saturation. ent depth of suitable soil over hard rock. ent depth of suitable soil to seasonal water table. i absorption too slow. ent area of acceptable soil for required drainfield, and\or reserve area id system too close to well specify)

Date of Evaluation: 9/16/2019 Pittsylvania County Health Department

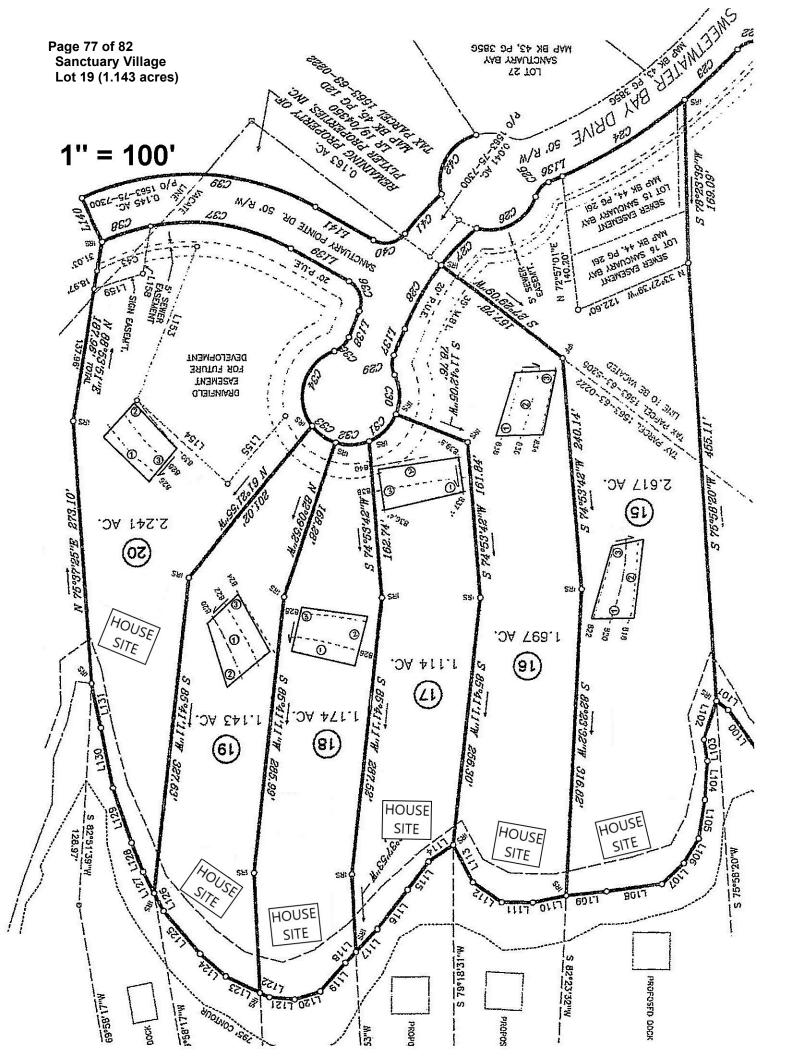
x See application sketch See construction permit

Applicants: Subdivision: Sanctuary Village Lot: 19 Acreage: 1.143

Hole #	Horizon	Depth (in)	Description	Texture Group
Auger 1	A BA Bt BC C	0-2 2-15 15-40 40-50 50-84	Very Dark Gray (7.5YR 3/1) sandy loam Strong Brown (7.5YR 5/6) loam Red (2.5YR 4/6) silty clay loam; strong medium subangular blocky structure Yellowish Red (5YR 4/6) loam with many mica flakes Red (2.5YR 4/8) loam	2 2 3 2 2
Auger 2	A Bt BC C	0-4 4-24 24-50 50-84	Very Dark Gray (7.5YR 3/1) sandy loam Red (2.5YR 4/6) silty clay loam; strong medium subangular blocky structure Yellowish Red (5YR 4/6) loam with many mica flakes Red (2.5YR 4/8) loam	2 3 2 2
Auger 3	A BA Bt1 Bt2 C	0-1 1-4 4-20 20-50 50-84	Very Dark Gray (7.5YR 3/1) sandy loam Strong Brown (7.5YR 5/6) loam Yellowish Red (5YR 4/6) clay; strong fine subangular blocky structure Red (2.5YR 4/6) clay; strong medium subangular blocky structure Red (2.5YR 4/6) sandy loam with many mica flakes	2 2 4 4 2

Applicants: Subdivision: Sanctuary Village Lot: 19 Acreage: 1.143

Main DF		Reserve DF		
Type of system	Pump	Reserve Area Required	No	
EPR	35	Type of Reserve	N/A	
Slope %	11	EPR	N/A	
# Bedrooms	3	Slope %	N/A	
Gallons/Day	450	Gallons/Day	N/A	
Width of Trench (ft.)	3	Width of Trench (ft.)	N/A	
Total Square Ft. of Trench Bottom Required per BR	286	Total Square Ft. of Trench Bottom Required	N/A	
Total Square Ft. of Trench Bottom per BR in Design	390	Total Square Ft. of Trench Bottom in Design	N/A	
Total Square Ft. of Trench Bottom Required	858	# Lines of Reserve	N/A	
Total Square Ft. of Trench Bottom in Design	1170	Line Length (ft.)	N/A	
# Lines Installed	6	Installed <24" from Rock or Other Impervious Strata	N/A	
Length of Line Installed (ft.)	65	Centers (ft.)	N/A	
Installed <24" from Rock or Other Impervious Strata	Yes	Width Required (ft.)	N/A	
Centers (ft.)	10	Width in Design (ft.)	N/A	
Width Required (ft.)	53	Installation Depth (inches into natural soil)	N/A	
Installation Depth (inches into natural soil)	66	Amount of Backfill Required (inches)	N/A	
Amount of Backfill Required (inches)	N/A			
,		Type of Well Recommended	Community Water Supply	
		Amount of Casing & Grout (ft.)	N/A	





# SOIL AND ENVIRONMENTAL TECHNOLOGY, INC 111 N. Franklin Street, Christiansburg, VA 24073 Phone: (540) 381-0309 Fax: (540) 381-9430 E-mail: setec@soilandenvironmentaltechnology.com

Add Dire the Sub	e: licant: ress: ctions to Property: division: eage:	4/22/2020 Pittsylvania County Health Department Plyler Properties,Inc Telephone #: (540) 537-3865 <b>Erik Plyler</b> 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121 US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to contine on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, +/- 0.5 miles to property on L Sanctuary Village Lot: 20 2.241
4	Desition in I	Soil Information Summary
1.	Position in it	andscape satisfactory Yes x No Describe: Sideslope
2.	Slope 8	%
3.	Depth to roo	ck\impervious strata: Max. >90" Min. 86" None
4.	Depth to sea	asonal water table (gray mottling or gray color) No x Yes
5.	Free water p	present No x Yes range in inches
6.	Soil percola	tion rate estimated Yes x Texture group 2 No Estimated rate 35 Min/inch
7.	Percolation	test performed Yes Number of percolation test holes No x Depth of percolation test holes Average percolation rate
Nan	ne and title of	evaluator: David Hall AOSE/PSS
Sigr	nature: _	VSASOL
	depth at	roved: Absorption trenches dispersing septic tank effluent to be placed at 68" site designated. Site provides a total of 900 square feet of absorption area for field. This site does not require a reserve.
	Site Disa	approved:
Rea 1 2 3 4 5 6 7	Position Insufficie Insufficie Rates of Insufficie	ion: (check all that apply) in landscape subject to flooding or periodic saturation. ent depth of suitable soil over hard rock. ent depth of suitable soil to seasonal water table. absorption too slow. ent area of acceptable soil for required drainfield, and\or reserve area d system too close to well pecify)

Date of Evaluation: 10/24/2019 Pittsylvania County Health Department

x See application sketch See construction permit

Applicants: Subdivision: Sanctuary Village Lot: 20 Acreage: 2.241

Hole #	Horizon	Depth (in)	Description	Texture Group
Auger 1	A Bt BC C	0-3 3-32 32-56 56-90	7.5YR 3/2 (Dark Brown) loam 2.5YR 3/6 (Dark Red) clay; strong medium subangular blocky structure 2.5YR 4/6 (Red) loam w/ many mica flakes 2.5YR 4/6 (Red) sandy loam w/ many mica flakes	2 4 2 2
Auger 2	A BA Bt BC C	0-2 2-12 12-36 36-60 60-90	7.5YR 3/2 (Dark Brown) sandy loam 7.5YR 4/6 (Strong Brown) sandy loam 2.5YR 3/6 (Dark Red) clay; strong medium subangular blocky structure 2.5YR 4/6 (Red) loam 5YR 5/8 (Yellowish Red) sandy loam w/ many mica flakes	2 2 4 2 2
Auger 3	A BA Bt BC C	0-4 4-12 12-24 24-40 40-86	7.5YR 3/2 (Dark Brown) sandy loam 7.5YR 4/6 (Strong Brown) sandy loam 2.5YR 3/6 (Dark Red) clay; strong medium subangular blocky structure 2.5YR 4/6 (Red) loam 2.5YR 4/8 (Red) sandy loam w/ many mica flakes	2 2 4 2 2

Applicants: Subdivision: Sanctuary Village Lot: 20 Acreage: 2.241

Main DF		Reserve DF		
Type of system	Pump	Reserve Area Required	No	
EPR	35	Type of Reserve	N/A	
Slope %	8	EPR	N/A	
# Bedrooms	3	Slope %	N/A	
Gallons/Day	450	Gallons/Day	N/A	
Width of Trench (ft.)	3	Width of Trench (ft.)	N/A	
Total Square Ft. of Trench Bottom Required per BR	286	Total Square Ft. of Trench Bottom Required	N/A	
Total Square Ft. of Trench Bottom per BR in Design	300	Total Square Ft. of Trench Bottom in Design	N/A	
Total Square Ft. of Trench Bottom Required	858	# Lines of Reserve	N/A	
Total Square Ft. of Trench Bottom in Design	900	Line Length (ft.)	N/A	
# Lines Installed	5	Installed <24" from Rock or Other Impervious Strata	N/A	
Length of Line Installed (ft.)	60	Centers (ft.)	N/A	
Installed <24" from Rock or Other Impervious Strata	Yes	Width Required (ft.)	N/A	
Centers (ft.)	10	Width in Design (ft.)	N/A	
Width Required (ft.)	43	Installation Depth (inches into natural soil)	N/A	
Installation Depth (inches into natural soil)	68	Amount of Backfill Required (inches)	N/A	
Amount of Backfill Required (inches)	N/A			
		Type of Well Recommended	Community Water Supply	
		Amount of Casing & Grout (ft.)	N/A	

