



Site and Soil Evaluation for Onsite Wastewater Treatment and Disposal



Applicant and Project Name: 24-2488 Tortoise Ventures LLC - Pearson Rd Site 1

County: Fairfield Land Use/Earth Cover: \_\_\_\_\_

Property Address: \_\_\_\_\_ Landform: \_\_\_\_\_

Location/Subdivision: \_\_\_\_\_ Hillslope/Profile Position: backslope

\_\_\_\_\_ Percent Slope/Measured Elevations (if applicable): .467.5 ft.

Applicant Name: \_\_\_\_\_ Slope Shape: \_\_\_\_\_

Address: \_\_\_\_\_ Slope Aspect: \_\_\_\_\_

Phone #: \_\_\_\_\_ Date: August 9, 2024

Lot #: \_\_\_\_\_ Soil Classifier: Tyler Sgro Signature: \_\_\_\_\_

Test Hole #: Data Point 1 Repair Area?  Yes  No Soil Classifier Address: 4524 Orr Street, North Charleston, SC 29405

Latitude/Longitude: 34.36496747216667 / -81.33280734633333 Phone#: 843-754-6307

Method: Pit:  Auger:  Probe:



Soil Classifiers Embossment/Stamp: \_\_\_\_\_

Signature: Tyler Sgro

Soil Profile		Estimating Soil Saturation				Estimating Soil Permeability					Comments and Other Pertinent Soil Features	
Horizon Suffix	Depth (inches)	Matrix Color	Munsell Color (hue, value, chroma)		Texture			Structure		Consistence (Moist)		
			Concentrations	Depletions	LTAR Class USDA Class	Sticki Class	Plastic. Class	Grade	Type (shape)			
A	0-3	10yr 3/3			1	LS	SO	PO	0 - Structur eless	GR - Granular	L - Loose	
Bt	3-48	2.5yr 4/6	5yr 6/6 @ 44"	2.5yr 6/1 @ 44"	4	C		PO	2 - Moderat e	SBK - Subangu lar Blocky	FR - Friable	
Most Limiting Soil Conditions		Depth (in.) and Description		Soil Series and Soil Taxonomy			Comments/Recommendations					
Zone of Saturation		44		Overburden/Fill Material			Additional Comments:					
Clean Saprolite												
Restrictive Horizon		none		0.3								
Weather Conditions		Free Water		none								
Restrictive Horizon		Loading Rate ga/da/ft2		Vegetation Observed								



## Site and Soil Evaluation for Onsite Wastewater Treatment and Disposal



Applicant and Project Name: 24-2488 Tortoise Ventures LLC - Pearson Rd Site 1

County: Fairfield Land Use/Earth Cover: immature forest

Property Address: \_\_\_\_\_ Landform: hillslope

Location/Subdivision: \_\_\_\_\_ Hillslope/Profile Position: backslope

\_\_\_\_\_ Percent Slope/Measured Elevations (if applicable): 467.5 ft.

Applicant Name: \_\_\_\_\_ Slope Shape: \_\_\_\_\_

Address: \_\_\_\_\_ Slope Aspect: \_\_\_\_\_

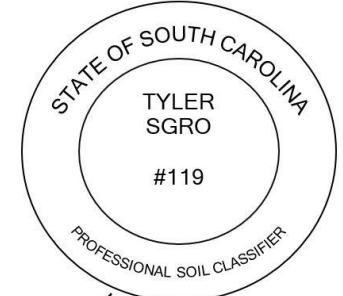
Phone #: \_\_\_\_\_ Date: August 9, 2024

Lot #: \_\_\_\_\_ Soil Classifier: Tyler Sgro Signature: \_\_\_\_\_

Test Hole #: Data Point 2 Repair Area?  Yes  No Soil Classifier Address: 4524 Orr Street, North Charleston, SC 29405

Latitude/Longitude: 34.36496664483332 / -81.33280903666667 Phone#: 843-754-6307

Method: Pit:  Auger:  Probe:



Soil Classifiers Embossment/Stamp: \_\_\_\_\_

*Tyler Sgro*

Soil Profile		Estimating Soil Saturation				Estimating Soil Permeability					Comments and Other Pertinent Soil Features	
Horizon Suffix	Depth (inches)	Matrix Color	Munsell Color (hue, value, chroma)		Texture				Consistence (Moist)			
			Redoximorphic Features/Mottles		LTAR Class	USDA Class	Sticki Class	Plastic. Class		Structure		
		Concentrations		Depletions					Grade	Type (shape)		
A	0-3	10yr 3/3			1	LS	SO	PO		0 - Structur eless	GR - Granular	L - Loose
Bt	3-48	2.5yr 4/6			4	C	SO	PO	2 - Moderat e	SBK - Subangu lar Blocky	FR - Friable	
Most Limiting Soil Conditions		Depth (in.) and Description		Most Limiting Soil Conditions		Depth (in.) and Description		Soil Series and Soil Taxonomy			Comments/Recommendations	
Zone of Saturation		>48		Overburden/Fill Material							Additional Comments:	
Clean Saprolite												
Restrictive Horizon		none		Loading Rate ga/da/ft2		0.3		Vegetation Observed				
Weather Conditions				Free Water		none						



## Site and Soil Evaluation for Onsite Wastewater Treatment and Disposal



Applicant and Project Name: 24-2488 Tortoise Ventures LLC - Pearson Rd Site 1

County: Fairfield Land Use/Earth Cover: immature forest

Property Address: \_\_\_\_\_ Landform: hillslope

Location/Subdivision: \_\_\_\_\_ Hillslope/Profile Position: backslope

\_\_\_\_\_ Percent Slope/Measured Elevations (if applicable): 466.86061482859 ft.

Applicant Name: \_\_\_\_\_ Slope Shape: \_\_\_\_\_

Address: \_\_\_\_\_ Slope Aspect: \_\_\_\_\_

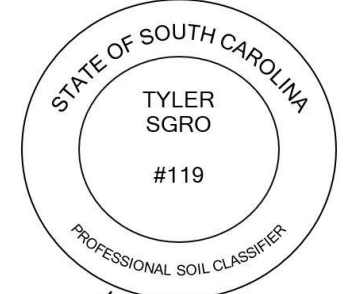
Phone #: \_\_\_\_\_ Date: August 9, 2024

Lot #: \_\_\_\_\_ Soil Classifier: Tyler Sgro Signature: \_\_\_\_\_

Test Hole #: Data Point 3 Repair Area?  Yes  No Soil Classifier Address: 4524 Orr Street, North Charleston, SC 29405

Latitude/Longitude: 34.36496758583333 / -81.332807445 Phone#: 843-754-6307

Method: Pit:  Auger:  Probe:



Soil Classifiers Embossment/Stamp: \_\_\_\_\_

*Tyler Sgro*

Soil Profile		Estimating Soil Saturation				Estimating Soil Permeability					Comments and Other Pertinent Soil Features	
Horizon Suffix	Depth (inches)	Matrix Color	Munsell Color (hue, value, chroma)		Texture				Consistence (Moist)			
			Redoximorphic Features/Mottles		LTAR Class	USDA Class	Sticki Class	Plastic. Class		Structure		
		Concentrations		Depletions					Grade	Type (shape)		
A	0-3	10yr 3/3			1	LS	SO	PO		0 - Structur eless	GR - Granular	L - Loose
Bt	3-48	2.5yr 4/6			4	C	SO	PO	2 - Moderat e	SBK - Subangu lar Blocky	FR - Friable	
Most Limiting Soil Conditions	Depth (in.) and Description	Most Limiting Soil Conditions	Depth (in.) and Description	Soil Series and Soil Taxonomy			Comments/Recommendations					
Zone of Saturation	>48	Overburden/Fill Material		Vegetation Observed			Additional Comments:					
Clean Saprolite												
Restrictive Horizon	none	Loading Rate ga/da/ft2	0.3									
Weather Conditions		Free Water	none									



## Site and Soil Evaluation for Onsite Wastewater Treatment and Disposal



Applicant and Project Name: 24-2488 Tortoise Ventures LLC - Pearson Rd Site 1

County: Fairfield Land Use/Earth Cover: immature forest

Property Address: \_\_\_\_\_ Landform: hillslope

Location/Subdivision: \_\_\_\_\_ Hillslope/Profile Position: backslope

\_\_\_\_\_ Percent Slope/Measured Elevations (if applicable): 464.6690181619456 ft.

Applicant Name: \_\_\_\_\_ Slope Shape: \_\_\_\_\_

Address: \_\_\_\_\_ Slope Aspect: \_\_\_\_\_

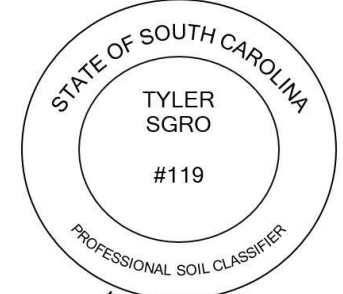
Phone #: \_\_\_\_\_ Date: August 9, 2024

Lot #: \_\_\_\_\_ Soil Classifier: Tyler Sgro Signature: \_\_\_\_\_

Test Hole #: Data Point 4 Repair Area?  Yes  No Soil Classifier Address: 4524 Orr Street, North Charleston, SC 29405

Latitude/Longitude: 34.36496843116667 / -81.3328079125 Phone#: 843-754-6307

Method: Pit:  Auger:  Probe:



Soil Classifiers Embossment/Stamp: \_\_\_\_\_

*Tyler Sgro*

Soil Profile		Estimating Soil Saturation				Estimating Soil Permeability					Comments and Other Pertinent Soil Features	
Horizon Suffix	Depth (inches)	Matrix Color	Munsell Color (hue, value, chroma)		Texture				Consistence (Moist)			
			Redoximorphic Features/Mottles		LTAR Class	USDA Class	Sticki Class	Plastic. Class		Structure		
		Concentrations		Depletions					Grade	Type (shape)		
A	0-3	10yr 3/3			1	LS	SO	PO		0 - Structur eless	GR - Granular	L - Loose
Bt	3-48	2.5yr 4/6	5yr 6/6 @ 45"	2.5yr 6/1 @ 45"	4	C	SO	PO	2 - Moderat e	SBK - Subangu lar Blocky	FR - Friable	
Most Limiting Soil Conditions		Depth (in.) and Description		Most Limiting Soil Conditions		Depth (in.) and Description		Soil Series and Soil Taxonomy			Comments/Recommendations	
Zone of Saturation		45		Overburden/Fill Material				Additional Comments:				
Clean Saprolite												
Restrictive Horizon		none		Loading Rate ga/da/ft2		0.3					Vegetation Observed	
Weather Conditions				Free Water		none						