



Site and Soil Evaluation for Onsite Wastewater Treatment and Disposal



Applicant and Project Name: 24-2488 Tortoise Ventures LLC - Pearson Rd Site 2

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

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

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

\_\_\_\_\_ Percent Slope/Measured Elevations (if applicable): 464.2031598287186 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: 34.36494222533334 / -81.33285811266666 Phone#: 843-754-6307

Method: Pit:  Auger:  Probe:



*Tyler Sgro*

*Tyler Sgro*

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

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)		
			Redoximorphic Features/Mottles		LTAR Class	Sticki Class	Plastic. Class	Grade	Type (shape)				
			Concentrations	Depletions	USDA Class								
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 @ 35"	2.5yr 6/1 @ 35"	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		35		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 2

County: Fairfield Land Use/Earth Cover: immature forest

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

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

\_\_\_\_\_ Percent Slope/Measured Elevations (if applicable): 464.276923162103 ft.

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

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

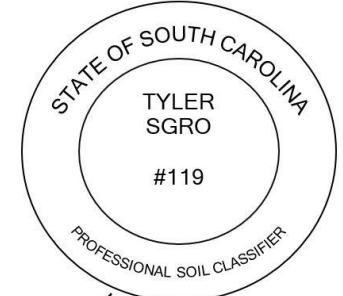
Phone #: \_\_\_\_\_ Date: August 9, 2024

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: 34.36495210066666 / -81.33283316566667 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 @ 34"	2.5yr 6/1 @ 34"		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		34		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 2

County: Fairfield Land Use/Earth Cover: immature forest

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

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

\_\_\_\_\_ Percent Slope/Measured Elevations (if applicable): 462.2064206619503 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: 34.364961829 / -81.33283149383332 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 @ 40"	2.5yr 6/1 @ 40"		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		40		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 2

County: Fairfield Land Use/Earth Cover: immature forest

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

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

\_\_\_\_\_ Percent Slope/Measured Elevations (if applicable): 460.295647328555 ft.

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

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

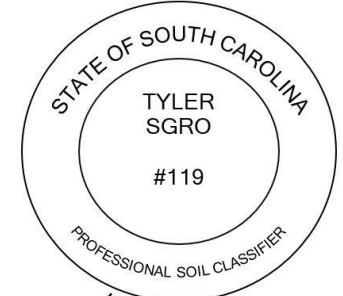
Phone #: \_\_\_\_\_ Date: August 9, 2024

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: 34.3649666545 / -81.33282740633335 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		
Bt	3-48	2.5yr 4/6	5yr 6/6 @ 38"	2.5yr 6/1 @ 38"	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		34		Overburden/Fill Material							Additional Comments:	
Clean Saprolite												
Restrictive Horizon		none		Loading Rate ga/da/ft2		0.3		Vegetation Observed				
Weather Conditions				Free Water		none						