Onsite Wastewater Soil Report Verification Form

This form is to be completed by South Carolina Licensed Soil Classifiers submitting soil reports for review by the Department for system standards within Regulation 61-56. This form should not be utilized for System Standard 610 - Specialized Onsite Wastewater System Designs (less than 1500 GPD).

Soil Classifier Information:

1. Name: Randall K. Fowler
2. S.C. PSC License #: 38
3. Applicant Name: GoldSoil Realty Investments
4. TMS #: 022-06-04-014
5. Site Location/Address: 40 Red Maple Court, North Augusta
6. County: Aiken
7. DHEC File # (if applicable):

Items For Submittal:

☐ **Soil Report** with stamp or seal must be documented on DHEC Form 2883 "*Onsite Wastewater Site and Soil Evaluation*" or DHEC Form 1774 "*Site and Soil Evaluation for Onsite Wastewater Treatment and Disposal.*"

☐ **Site Sketch To Include:**

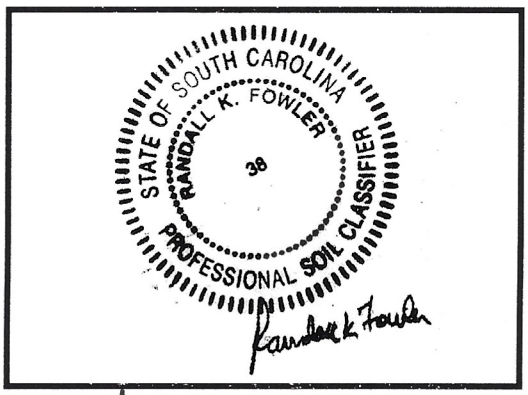
- Sketch/Dimensions: A sketch of the property must be made showing property dimensions and all pertinent structures, wells, ditches, etc.
- Minimum Borings: A minimum of two soil borings must be done in the area of the proposed drainfield and a minimum of one soil boring in the proposed repair area if it is adjacent to the proposed drainfield. If the proposed repair area is not adjacent to the proposed drainfield, a minimum of an additional two consistent borings must be done in the proposed repair area.
- Boring Locations: Soil borings must be located sufficiently by referencing the distance from soil borings to two defined features or locations such as property lines, existing buildings, or other features; or to a defined proposed building location (with dimensions) that is referenced by distances to property lines, etc.
- All soil borings must be numbered.
- Designated system installation and 50% repair area.
- Wells: The location of a proposed or existing well, either on the site or on an adjacent property, which would affect the placement of the system, must be adequately recorded.
- Topographical Features: The location of the slope and other topographical feature(s) affecting the system design or location must be noted.

☐ **Proposed System Specifications:**

- Regulation 61-56 System Standard: 360-101
- Residential/Commercial: Residential
- Gallons Per Day/# of Bedrooms: 480GPD/4BR
- LTAR: 0.9
- Total Linear Footage: 180 feet
- Trench Width: 36 inches
- Maximum Trench Depth: 36 inches
- Aggregate Depth: 14 inches
- Curtain Drain: Yes ☐ No ☒ Depth:_____ Lengh:_____

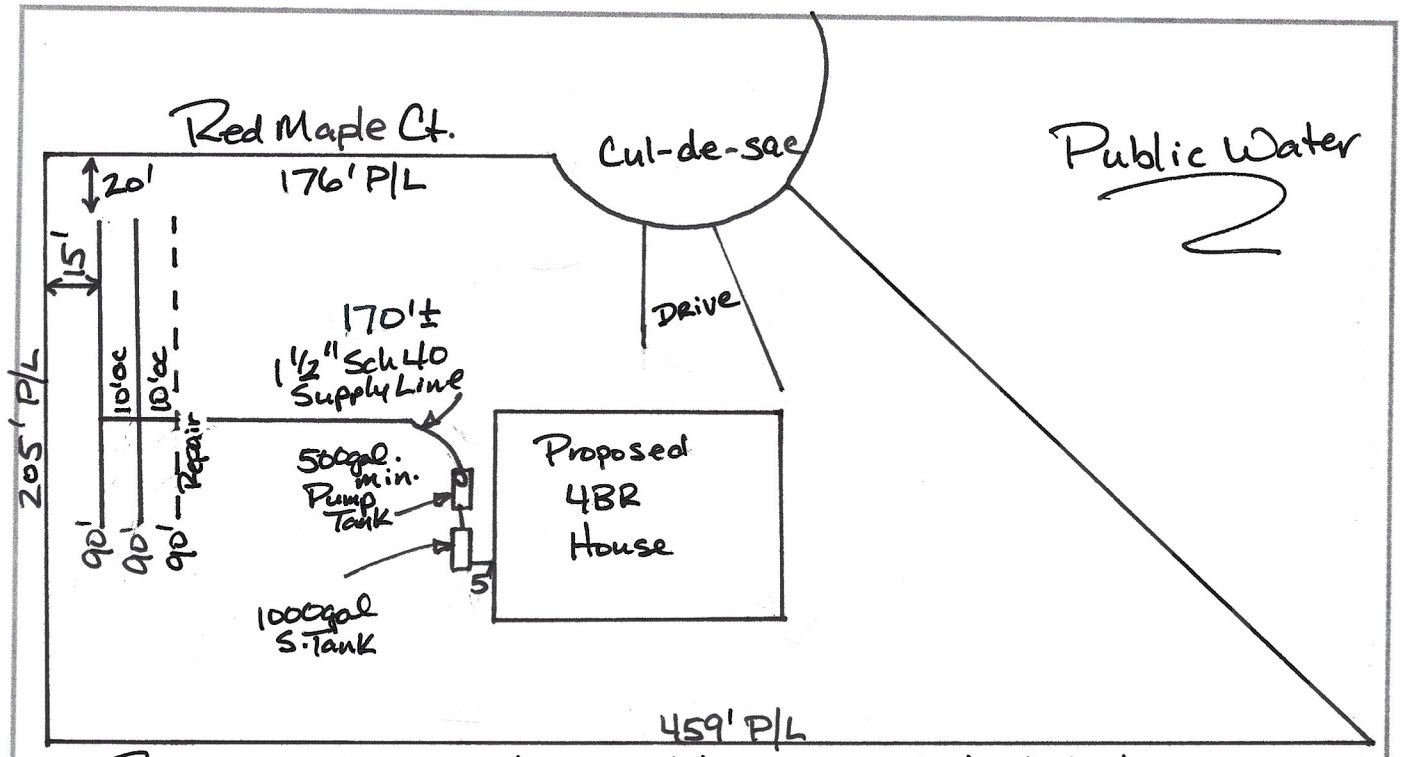
Signature: Randall K Fowler

Stamp or Seal



Date: November 14, 2022

CLIENT NAME: GoldSoil Realty Investments
SITE ADDRESS/LOCATION: 40 Red Maple Court
TMS #: 022-06-04-014
COUNTY: Aiken
DATE: 11/14/2022
CSWS PROJECT #: 2022-296



*Run lines along contours utilizing serial distribution
* Sewage effluent pump to achieve 10gpm @ 35'TDH

Max. Trench Depth: 36"

Agg. Trench Depth: 14"

Notes

Well Setbacks: 75-foot minimum setback from private well or 100-foot setback to public well from any part of the septic system.

Drainfield Cover and Grading: If the top of the aggregate in the trench is less than 9 inches to the natural surface, a 12-inch fill cap will be required with a 5-foot buffer and a 10-foot taper to natural grade. Toe of the taper will meet the 5-foot setback requirement to property lines.

Alternative Drainfield Products: May be allowed with this system. Contact S.C. DHEC for appropriate sizing and reduction requirements.

Soil Classifier Stamp/Seal

STATE OF SOUTH CAROLINA
RANDALL K. FOWLER
38
PROFESSIONAL SOIL CLASSIFIER

SEPTIC DESIGN PLAN

NOT TO SCALE

Coastal Soil and Wetland Services

CLIENT NAME: Gold Soil Realty Investments
SITE ADDRESS/LOCATION: 40 Red Maple Court, North Augusta
TMS #: 022-06-04-014
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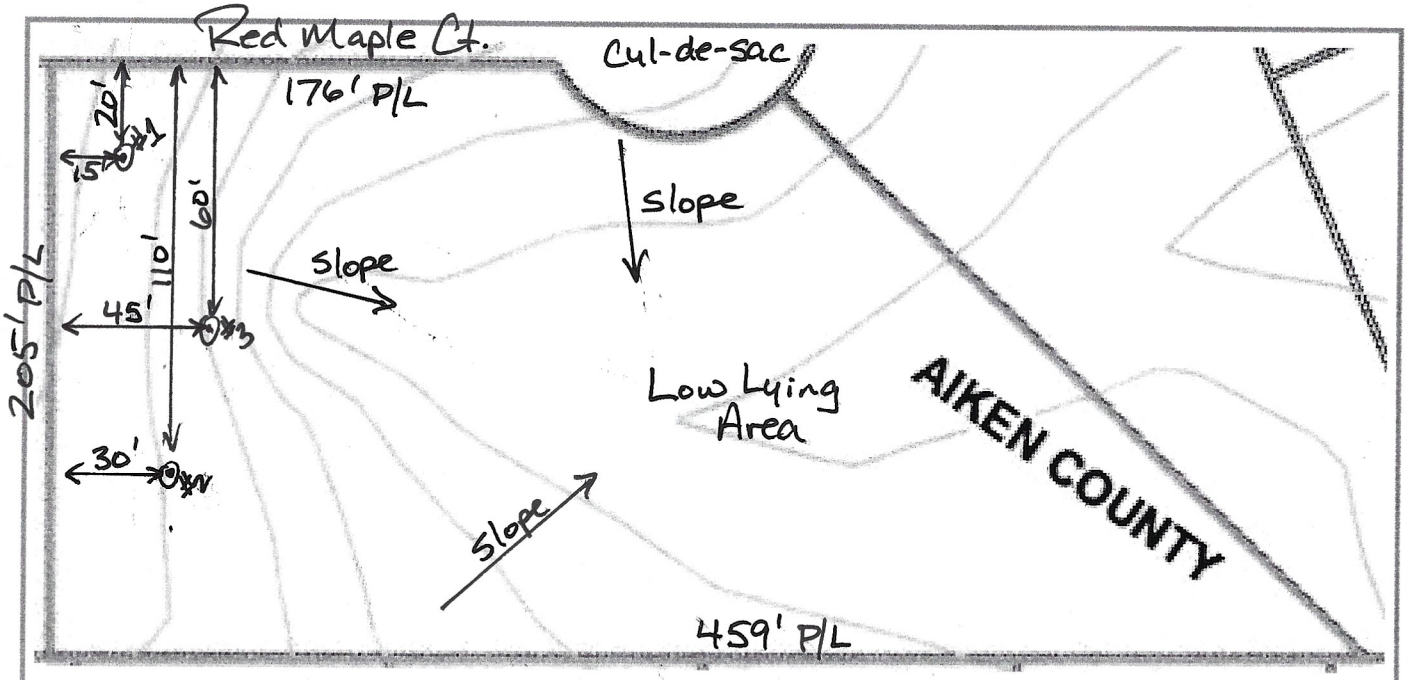

5 Foot Contour Lines

Elevation Readings

SB #1: 3'8"
SB #2: 5'7"
SB #3: 7'11"

Soil Classifier Stamp/Seal

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SITE EVALUATION

NOT TO SCALE

Coastal Soil and Wetland Services

Client Name: Gold Soil Realty Investments, Inc. Site Location: 40 Red Maple Ct., North Augusta TMS # 022-06-04-014

Date: 11/14/2022 CSWS Project#: 2022-296

Test Hole # #1 Location Latitude/Longitude: County: Aiken

Soil Profile		Estimating Soil Saturation			Estimating Soil Permeability						Comments and Other Pertinent Soil Features
		Munsell Color (hue, value, chroma)			Texture			Structure			
Horizon Suffix	Depth (inches)	Matrix Color	Redoximorphic Features/Mottles: Concentrations	Redoximorphic Features/Mottles: Depletions	LTAR Class / USDA Class	Sticki Class	Plastic. Class	Grade	Type (shape)	Consistence (Moist)	
A	0-6	10yR 4/2			I LS						
C1	6-20	10yR6/4			I LS						
C2	20-48	10yR7/3			I LS						

Most Limiting Soil Conditions	Depth (in.) and Description	Most Limiting Soil Conditions	Depth (in.) and Description	Most Limiting Soil Conditions	Depth (in.) and Description	Additional Comments
Zone of Saturation	48"+	Clean Saprolite	N/A	Restrictive Horizon	N/A	Stickiness, plasticity, structure and consistence will not affect LTAR or System Design
Loading Rate ga/da/ft2	0.9	Free Water	None	Overburden/Fill Material	N/A	

Test Hole # #2 Location Latitude/Longitude:

Soil Profile		Estimating Soil Saturation			Estimating Soil Permeability						Comments and Other Pertinent Soil Features
		Munsell Color (hue, value, chroma)			Texture			Structure			
Horizon Suffix	Depth (inches)	Matrix Color	Redoximorphic Features/Mottles: Concentrations	Redoximorphic Features/Mottles: Depletions	LTAR Class / USDA Class	Sticki Class	Plastic. Class	Grade	Type (shape)	Consistence (Moist)	
A	0-8	10yR 4/2			I LS						
C1	8-18	10yR 6/4			I LS						
C2	18-48	10yR 7/3			I LS						

Most Limiting Soil Conditions	Depth (in.) and Description	Most Limiting Soil Conditions	Depth (in.) and Description	Most Limiting Soil Conditions	Depth (in.) and Description	Additional Comments
Zone of Saturation	48"+	Clean Saprolite	N/A	Restrictive Horizon	N/A	Stickiness, plasticity, structure and consistence will not affect LTAR or System Design
Loading Rate ga/da/ft2	0.9	Free Water	None	Overburden/Fill Material	N/A	

STATE OF SOUTH CAROLINA
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PROFESSIONAL SOIL CLASSIFIER
Randall K. Fowler

Client Name: Gold&Soil Realty Investments, Inc. Site Location: 40 Red Maple Ct., North Augusta TMS # 022-06-04-014

Date: 11/14/2022 CSWS Project#: 2022-296

Test Hole # #3 Location Latitude/Longitude: _____ County: Aiken

Soil Profile		Estimating Soil Saturation			Estimating Soil Permeability							Comments and Other Pertinent Soil Features
		Munsell Color (hue, value, chroma)			Texture				Structure			
Horizon Suffix	Depth (inches)	Matrix Color	Redoximorphic Features/Mottles: Concentrations	Redoximorphic Features/Mottles: Depletions	LTAR Class / USDA Class		Sticki Class	Plastic. Class	Grade	Type (shape)	Consistence (Moist)	
A	0-7	10yR4/2			I	LS						
C1	7-22	10yR6/4			I	LS						
C2	22-48	10yR7/3			I	LS						

Most Limiting Soil Conditions	Depth (in.) and Description	Most Limiting Soil Conditions	Depth (in.) and Description	Most Limiting Soil Conditions	Depth (in.) and Description	Additional Comments
Zone of Saturation	48"+	Clean Saprolite	N/A	Restrictive Horizon	N/A	Stickiness, plasticity, structure and consistence will not affect LTAR or System Design
Loading Rate ga/da/ft2	0.9	Free Water	None	Overburden/Fill Material	N/A	

Test Hole # _____ Location Latitude/Longitude: _____

Soil Profile		Estimating Soil Saturation			Estimating Soil Permeability							Comments and Other Pertinent Soil Features
		Munsell Color (hue, value, chroma)			Texture				Structure			
Horizon Suffix	Depth (inches)	Matrix Color	Redoximorphic Features/Mottles: Concentrations	Redoximorphic Features/Mottles: Depletions	LTAR Class / USDA Class		Sticki Class	Plastic. Class	Grade	Type (shape)	Consistence (Moist)	

Most Limiting Soil Conditions	Depth (in.) and Description	Most Limiting Soil Conditions	Depth (in.) and Description	Most Limiting Soil Conditions	Depth (in.) and Description	Additional Comments
Zone of Saturation		Clean Saprolite		Restrictive Horizon		Stickiness, plasticity, structure and consistence will not affect LTAR or System Design
Loading Rate ga/da/ft2		Free Water		Overburden/Fill Material		

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