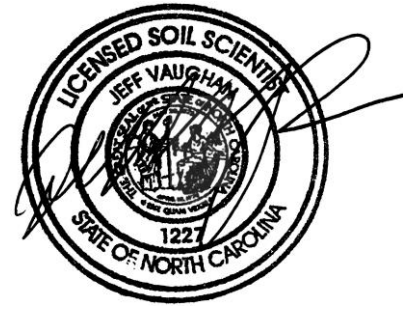




Agri-Waste Technology, Inc.

501 N Salem Street, Suite 203, Apex, NC 27502

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Soil Suitability for Domestic Sewage Treatment and Disposal Systems

Brassfield Road
Creedmoor, NC 27522
Granville County
PIN: 181500588619 & 181500597390

Prepared For: Richard Kolarov, Client

Prepared By: Jeff Vaughan, Ph.D., L.S.S.
Senior Agronomist/Soil Scientist

Bailey Stiles
Environmental Scientist

Report Date: May 31, 2024



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Soil Suitability for Domestic Sewage Treatment and Disposal Systems
Brassfield Rd, Creedmoor, NC 27522
Granville County PIN: 181500588619 & 181500597390

Prepared For: Richard Kolarov, Client

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Senior Agronomist/Soil Scientist

Bailey Stiles
Environmental Scientist

Report Date: May 31, 2024

Soil suitability for domestic sewage treatment and disposal systems was evaluated on May 29, 2024, for the property located on Brassfield Rd in Creedmoor, NC. Bailey Stiles, Jordan Harris and Noah Puckett of Agri-Waste Technology, Inc. (AWT) conducted the soils and site evaluation. Property reference maps are in Attachment 1.

The total property area is approximately 29 acres, all of which were selected for evaluation. The property is currently partially developed with multiple home sites, barns, and accessory structures. The site also contains multiple existing on-site wastewater (septic) systems and wells. The majority of the property is open agricultural field or grasslands, however, a portion of the property that was evaluated is wooded and undeveloped. There is a pond located on the Northern portion property that is associated with a severe drainage feature located to the north and south of the pond. These areas are noted on the map and are unsuitable for an on-site wastewater system(s). Generally, the property has moderate to severe slopes ranging from 5 – 15%+ across the different landscape positions. (Attachment 2).

The dominant soil types mapped on this property are Creedmoor coarse sandy loam (map symbol CrB/CrC). Soil characteristics within the evaluated area most closely matched those of a Creedmoor coarse sandy loam soil, in some evaluated areas the soils were shallow and eroded or were a result of anthropogenic activity. Limiting features of the soil borings advanced on this property include shallow indications of saturation and

massive structure. These soils typically are severely suited for onsite wastewater systems as they can restrict the movement of water through the soil. No deviations from this mapped soil type were noted in any borings within the area evaluated by AWT. A total of 40 borings were advanced in different areas during the evaluation. Generally, the provisionally suitable areas most closely matched the mapped Creedmoor soil series, and these areas were delineated and are shown as Area 1 and Area 2 on the site evaluation map (Attachment 2). Areas not highlighted on the site evaluation map were lower in elevation and impacted by drainage features, eroded from tillage, or contained soils that were unsuitable for a subsurface wastewater system. The Creedmoor soil series, found in Area 1 is more suitable for shallow conventional or drip depth on-site wastewater systems. The Creedmoor soil series, found in Area 2, is only suitable for drip depth on-site wastewater systems. Representative septic system area computations for these types of systems can be seen in Attachment 3 and the NRCS Soil Survey information regarding this soil type can be found in Attachment 4.

Conclusions:

Based on the site findings, two specific areas have been identified as having soils provisionally suitable to support a shallow conventional or drip type on-site wastewater (septic) systems. The septic system drainfield area calculations for each of these types of systems can be found in Attachment 5. Area 1 is ~123,859 ft² and Area 2 has ~110,011ft², each area contains highly variable soils and will require detailed work to ensure what type of on-site wastewater system(s) can be supported on this site. The square footage of the suitable areas are noted on the soils evaluation map. These areas do not include future setbacks from other features that can only be factored in during detailed evaluation work and site planning. It's important to remember to consider the space occupied by the proposed home, driveways/roads, wells, and other factors such as the existing septic systems and wells located on the property. Any permit documentation found related to the subject property can be seen in Attachment 5. More detailed soils work, and a field layout will be required in order to determine system(s), types, and size and to obtain permits to install the system.

We appreciate the opportunity to assist you in this matter. Please contact us with any questions, concerns, or comments.

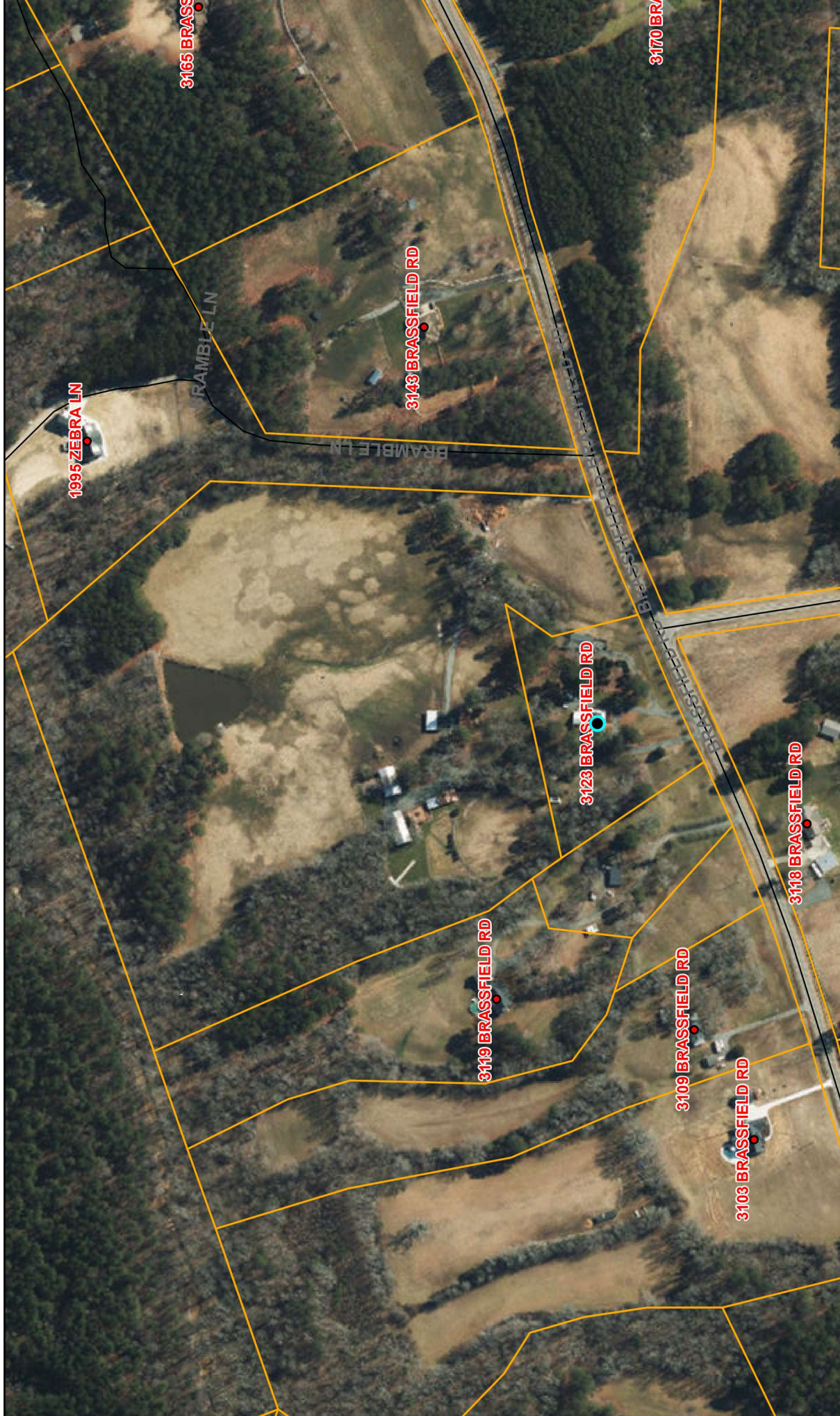
Sincerely,

A handwritten signature in black ink, appearing to read "Jeff Vaughan", with a stylized flourish at the end.

Jeff Vaughan

ATTACHMENT 1: Property Reference Map

Granville County, NC



5/31/2024, 11:10:27 AM

- Address Points
- County Boundary
- Centerlines
- Hydro
- Parcels
- granville_nc_anno

**ATTACHMENT 2: Property Map Detailing Soil Suitability
for Septic Systems and Soil Types**

Preliminary Soil Evaluation

Richard Kolarov
Granville Co., NC
PIN: 181500588619
181500597390

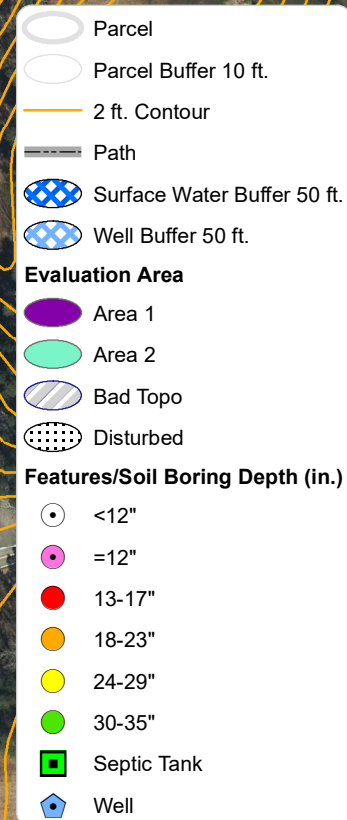


Area for Septic:
Area 1: ~123,859 sq.ft.
Area 2: ~110,011 sq.ft.

Soil Types:
CrB/CrC: Creedmoor coarse sandy loam

Drawn By: William Snoeyink
Reviewed By: Bailey Stiles
Date: 5/30/2024

0 50 100 200
Feet





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agriwaste.com | 919.859.0669

Preliminary Soil Evaluation

Richard Kolarov
Granville Co., NC
PIN: 181500588619
181500597390

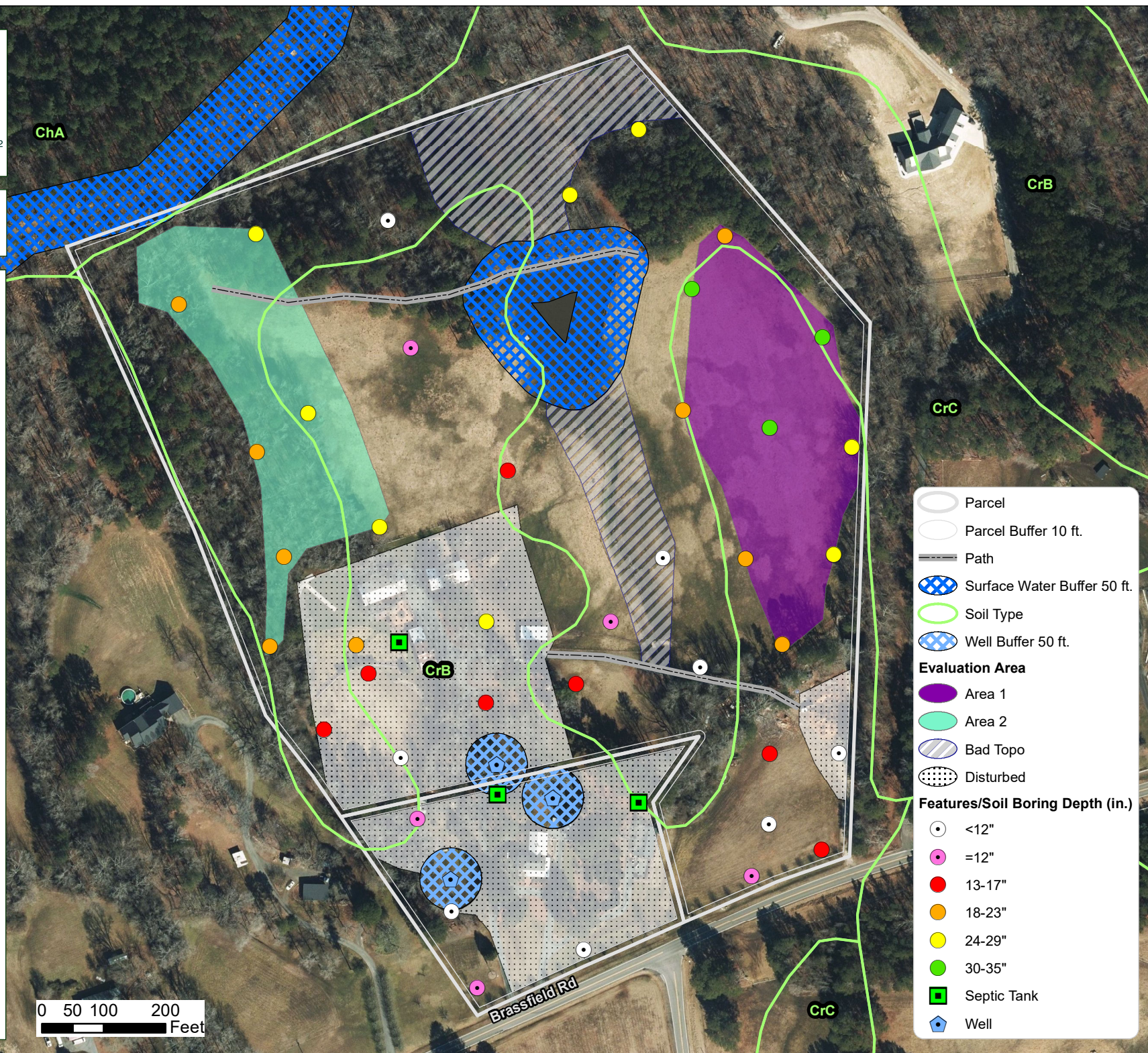


Area for Septic:
Area 1: ~123,859 sq.ft.
Area 2: ~110,011 sq.ft.

Soil Types:
CrB/CrC: Creedmoor coarse
sandy loam

Drawn By: William Snoeyink
Reviewed By: Bailey Stiles
Date: 5/30/2024

0 50 100 200
Feet



- Parcel
- Parcel Buffer 10 ft.
- Path
- Surface Water Buffer 50 ft.
- Soil Type
- Well Buffer 50 ft.
- Evaluation Area**
- Area 1
- Area 2
- Bad Topo
- Disturbed
- Features/Soil Boring Depth (in.)**
- <12"
- =12"
- 13-17"
- 18-23"
- 24-29"
- 30-35"
- Septic Tank
- Well

Surface water and/or bad topo areas have not been officially evaluated for stream ID according to local regulatory requirements. This map is intended for preliminary purposes only and not to be used as a plat/survey or can it be assumed all streams are identified on this property.

**ATTACHMENT 3: Septic System Area
Computation Spreadsheets**

Conventional Septic System Area Computation

Created by: JV
Created on: 6/20/2001
Updated on: 5/30/2024

Client Name: Kolarov
Number Bedrooms: 2
Design Flow (gal/day): 240 (120 gal/day/bedroom, minimum 240 gal/day/dwelling)
LTAR (gal/day/ft²): 0.25
Trench Bottom Area (ft²): 960 (Design flow/LTAR)
Trench Width (ft): 3
On-center distance between trenches (ft): 9
Trench Bottom Length (ft): 320

Minimum Field Area Required (ft²): 2880 (Trench Bottom Length*Trench on-center distance)
Minimum Field Area Required (Innovative) (ft²): 2160 (25% reduction from above)
Total Field Area Required (ft²)⁽¹⁾: 7200 (Minimum field area*2.5)
Total Field Area Required (Innovative) (ft²)⁽¹⁾: 5400 (25% reduction from above)
Total Field Area Required (ft²)⁽¹⁾: 8640 (Minimum field area*3)
Total Field Area Required (Innovative) (ft²)⁽¹⁾: 6480 (25% reduction from above)

(1) Provides for reserve area and soil irregularity, 2.5 to 3 is multiplier.

Client Name: Kolarov
Number Bedrooms: 2
Design Flow (gal/day): 240 (120 gal/day/bedroom, minimum 240 gal/day/dwelling)
LTAR (gal/day/ft²): 0.3
Trench Bottom Area (ft²): 800 (Design flow/LTAR)
Trench Width (ft): 3
On-center distance between trenches (ft): 9
Trench Bottom Length (ft): 266.6667

Minimum Field Area Required (ft²): 2400 (Trench Bottom Length*Trench on-center distance)
Minimum Field Area Required (Innovative) (ft²): 1800 (25% reduction from above)
Total Field Area Required (ft²)⁽¹⁾: 6000 (Minimum field area*2.5)
Total Field Area Required (Innovative) (ft²)⁽¹⁾: 4500 (25% reduction from above)
Total Field Area Required (ft²)⁽¹⁾: 7200 (Minimum field area*3)
Total Field Area Required (Innovative) (ft²)⁽¹⁾: 5400 (25% reduction from above)

(1) Provides for reserve area and soil irregularity, 2.5 to 3 is multiplier.

Client Name: Kolarov
Number Bedrooms: 2
Design Flow (gal/day): 240 (120 gal/day/bedroom, minimum 240 gal/day/dwelling)
LTAR (gal/day/ft²): 0.35
Trench Bottom Area (ft²): 685.7143 (Design flow/LTAR)
Trench Width (ft): 3
On-center distance between trenches (ft): 9
Trench Bottom Length (ft): 228.5714

Minimum Field Area Required (ft²): 2057.143 (Trench Bottom Length*Trench on-center distance)
Minimum Field Area Required (Innovative) (ft²): 1542.857 (25% reduction from above)
Total Field Area Required (ft²)⁽¹⁾: 5142.857 (Minimum field area*2.5)
Total Field Area Required (Innovative) (ft²)⁽¹⁾: 3857.143 (25% reduction from above)
Total Field Area Required (ft²)⁽¹⁾: 6171.429 (Minimum field area*3)
Total Field Area Required (Innovative) (ft²)⁽¹⁾: 4628.571 (25% reduction from above)

(1) Provides for reserve area and soil irregularity, 2.5 to 3 is multiplier.

Conventional Septic System Area Computation

Created by: JV
Created on: 6/20/2001
Updated on: 5/30/2024

Client Name: Kolarov
Number Bedrooms: 3
Design Flow (gal/day): 360 (120 gal/day/bedroom, minimum 240 gal/day/dwelling)
LTAR (gal/day/ft²): 0.25
Trench Bottom Area (ft²): 1440 (Design flow/LTAR)
Trench Width (ft): 3
On-center distance between trenches (ft): 9
Trench Bottom Length (ft): 480

Minimum Field Area Required (ft²): 4320 (Trench Bottom Length*Trench on-center distance)
Minimum Field Area Required (Innovative) (ft²): 3240 (25% reduction from above)
Total Field Area Required (ft²)⁽¹⁾: 10800 (Minimum field area*2.5)
Total Field Area Required (Innovative) (ft²)⁽¹⁾: 8100 (25% reduction from above)
Total Field Area Required (ft²)⁽¹⁾: 12960 (Minimum field area*3)
Total Field Area Required (Innovative) (ft²)⁽¹⁾: 9720 (25% reduction from above)

(1) Provides for reserve area and soil irregularity, 2.5 to 3 is multiplier.

Client Name: Kolarov
Number Bedrooms: 3
Design Flow (gal/day): 360 (120 gal/day/bedroom, minimum 240 gal/day/dwelling)
LTAR (gal/day/ft²): 0.3
Trench Bottom Area (ft²): 1200 (Design flow/LTAR)
Trench Width (ft): 3
On-center distance between trenches (ft): 9
Trench Bottom Length (ft): 400

Minimum Field Area Required (ft²): 3600 (Trench Bottom Length*Trench on-center distance)
Minimum Field Area Required (Innovative) (ft²): 2700 (25% reduction from above)
Total Field Area Required (ft²)⁽¹⁾: 9000 (Minimum field area*2.5)
Total Field Area Required (Innovative) (ft²)⁽¹⁾: 6750 (25% reduction from above)
Total Field Area Required (ft²)⁽¹⁾: 10800 (Minimum field area*3)
Total Field Area Required (Innovative) (ft²)⁽¹⁾: 8100 (25% reduction from above)

(1) Provides for reserve area and soil irregularity, 2.5 to 3 is multiplier.

Client Name: Kolarov
Number Bedrooms: 3
Design Flow (gal/day): 360 (120 gal/day/bedroom, minimum 240 gal/day/dwelling)
LTAR (gal/day/ft²): 0.35
Trench Bottom Area (ft²): 1028.571 (Design flow/LTAR)
Trench Width (ft): 3
On-center distance between trenches (ft): 9
Trench Bottom Length (ft): 342.8571

Minimum Field Area Required (ft²): 3085.714 (Trench Bottom Length*Trench on-center distance)
Minimum Field Area Required (Innovative) (ft²): 2314.286 (25% reduction from above)
Total Field Area Required (ft²)⁽¹⁾: 7714.286 (Minimum field area*2.5)
Total Field Area Required (Innovative) (ft²)⁽¹⁾: 5785.714 (25% reduction from above)
Total Field Area Required (ft²)⁽¹⁾: 9257.143 (Minimum field area*3)
Total Field Area Required (Innovative) (ft²)⁽¹⁾: 6942.857 (25% reduction from above)

(1) Provides for reserve area and soil irregularity, 2.5 to 3 is multiplier.

Conventional Septic System Area Computation

Created by: JV
Created on: 6/20/2001
Updated on: 5/30/2024

Client Name: Kolarov
Number Bedrooms: 4
Design Flow (gal/day): 480 (120 gal/day/bedroom, minimum 240 gal/day/dwelling)
LTAR (gal/day/ft²): 0.25
Trench Bottom Area (ft²): 1920 (Design flow/LTAR)
Trench Width (ft): 3
On-center distance between trenches (ft): 9
Trench Bottom Length (ft): 640

Minimum Field Area Required (ft²): 5760 (Trench Bottom Length*Trench on-center distance)
Minimum Field Area Required (Innovative) (ft²): 4320 (25% reduction from above)
Total Field Area Required (ft²)⁽¹⁾: 14400 (Minimum field area*2.5)
Total Field Area Required (Innovative) (ft²)⁽¹⁾: 10800 (25% reduction from above)
Total Field Area Required (ft²)⁽¹⁾: 17280 (Minimum field area*3)
Total Field Area Required (Innovative) (ft²)⁽¹⁾: 12960 (25% reduction from above)

(1) Provides for reserve area and soil irregularity, 2.5 to 3 is multiplier.

Client Name: Kolarov
Number Bedrooms: 4
Design Flow (gal/day): 480 (120 gal/day/bedroom, minimum 240 gal/day/dwelling)
LTAR (gal/day/ft²): 0.3
Trench Bottom Area (ft²): 1600 (Design flow/LTAR)
Trench Width (ft): 3
On-center distance between trenches (ft): 9
Trench Bottom Length (ft): 533.3333

Minimum Field Area Required (ft²): 4800 (Trench Bottom Length*Trench on-center distance)
Minimum Field Area Required (Innovative) (ft²): 3600 (25% reduction from above)
Total Field Area Required (ft²)⁽¹⁾: 12000 (Minimum field area*2.5)
Total Field Area Required (Innovative) (ft²)⁽¹⁾: 9000 (25% reduction from above)
Total Field Area Required (ft²)⁽¹⁾: 14400 (Minimum field area*3)
Total Field Area Required (Innovative) (ft²)⁽¹⁾: 10800 (25% reduction from above)

(1) Provides for reserve area and soil irregularity, 2.5 to 3 is multiplier.

Client Name: Kolarov
Number Bedrooms: 4
Design Flow (gal/day): 480 (120 gal/day/bedroom, minimum 240 gal/day/dwelling)
LTAR (gal/day/ft²): 0.35
Trench Bottom Area (ft²): 1371.429 (Design flow/LTAR)
Trench Width (ft): 3
On-center distance between trenches (ft): 9
Trench Bottom Length (ft): 457.1429

Minimum Field Area Required (ft²): 4114.286 (Trench Bottom Length*Trench on-center distance)
Minimum Field Area Required (Innovative) (ft²): 3085.714 (25% reduction from above)
Total Field Area Required (ft²)⁽¹⁾: 10285.71 (Minimum field area*2.5)
Total Field Area Required (Innovative) (ft²)⁽¹⁾: 7714.286 (25% reduction from above)
Total Field Area Required (ft²)⁽¹⁾: 12342.86 (Minimum field area*3)
Total Field Area Required (Innovative) (ft²)⁽¹⁾: 9257.143 (25% reduction from above)

(1) Provides for reserve area and soil irregularity, 2.5 to 3 is multiplier.

Drip Septic System Area Computation

Created by: JV
Created on: 6/20/2001
Updated on: 5/30/2024

Client Name: *Kolarov*
Number Bedrooms: 2
Design Flow (gal/day): 240 (120 gal/day/bedroom, minimum 240 gal/day/dwelling)
LTAR (gal/day/ft²): 0.05
Trench Bottom Area (ft²): 4800 (Design flow/LTAR)
Trench Width (ft): 0
On-center distance between trenches (ft): 2
Trench Bottom Length (ft): 2400

Minimum Field Area Required (ft²): 4800 (Trench Bottom Length*Trench on-center distance)
Total Field Area Required (ft²)⁽¹⁾: 12000 (Minimum field area*2.5)
Total Field Area Required (ft²)⁽¹⁾: 14400 (Minimum field area*3)

(1) Provides for reserve area and soil irregularity, 2.5 to 3 is multiplier.

Client Name: *Kolarov*
Number Bedrooms: 2
Design Flow (gal/day): 240 (120 gal/day/bedroom, minimum 240 gal/day/dwelling)
LTAR (gal/day/ft²): 0.1
Trench Bottom Area (ft²): 2400 (Design flow/LTAR)
Trench Width (ft): 0
On-center distance between trenches (ft): 2
Trench Bottom Length (ft): 1200

Minimum Field Area Required (ft²): 2400 (Trench Bottom Length*Trench on-center distance)
Total Field Area Required (ft²)⁽¹⁾: 6000 (Minimum field area*2.5)
Total Field Area Required (ft²)⁽¹⁾: 7200 (Minimum field area*3)

(1) Provides for reserve area and soil irregularity, 2.5 to 3 is multiplier.

Client Name: *Kolarov*
Number Bedrooms: 2
Design Flow (gal/day): 240 (120 gal/day/bedroom, minimum 240 gal/day/dwelling)
LTAR (gal/day/ft²): 0.15
Trench Bottom Area (ft²): 1600 (Design flow/LTAR)
Trench Width (ft): 0
On-center distance between trenches (ft): 2
Trench Bottom Length (ft): 800

Minimum Field Area Required (ft²): 1600 (Trench Bottom Length*Trench on-center distance)
Total Field Area Required (ft²)⁽¹⁾: 4000 (Minimum field area*2.5)
Total Field Area Required (ft²)⁽¹⁾: 4800 (Minimum field area*3)

(1) Provides for reserve area and soil irregularity, 2.5 to 3 is multiplier.

Drip Septic System Area Computation

Created by: JV
Created on: 6/20/2001
Updated on: 5/30/2024

Client Name: *Kolarov*
Number Bedrooms: 3
Design Flow (gal/day): 360 (120 gal/day/bedroom, minimum 240 gal/day/dwelling)
LTAR (gal/day/ft²): 0.05
Trench Bottom Area (ft²): 7200 (Design flow/LTAR)
Trench Width (ft): 0
On-center distance between trenches (ft): 2
Trench Bottom Length (ft): 3600

Minimum Field Area Required (ft²): 7200 (Trench Bottom Length*Trench on-center distance)
Total Field Area Required (ft²)⁽¹⁾: 18000 (Minimum field area*2.5)
Total Field Area Required (ft²)⁽¹⁾: 21600 (Minimum field area*3)

(1) Provides for reserve area and soil irregularity, 2.5 to 3 is multiplier.

Client Name: *Kolarov*
Number Bedrooms: 3
Design Flow (gal/day): 360 (120 gal/day/bedroom, minimum 240 gal/day/dwelling)
LTAR (gal/day/ft²): 0.1
Trench Bottom Area (ft²): 3600 (Design flow/LTAR)
Trench Width (ft): 0
On-center distance between trenches (ft): 2
Trench Bottom Length (ft): 1800

Minimum Field Area Required (ft²): 3600 (Trench Bottom Length*Trench on-center distance)
Total Field Area Required (ft²)⁽¹⁾: 9000 (Minimum field area*2.5)
Total Field Area Required (ft²)⁽¹⁾: 10800 (Minimum field area*3)

(1) Provides for reserve area and soil irregularity, 2.5 to 3 is multiplier.

Client Name: *Kolarov*
Number Bedrooms: 3
Design Flow (gal/day): 360 (120 gal/day/bedroom, minimum 240 gal/day/dwelling)
LTAR (gal/day/ft²): 0.15
Trench Bottom Area (ft²): 2400 (Design flow/LTAR)
Trench Width (ft): 0
On-center distance between trenches (ft): 2
Trench Bottom Length (ft): 1200

Minimum Field Area Required (ft²): 2400 (Trench Bottom Length*Trench on-center distance)
Total Field Area Required (ft²)⁽¹⁾: 6000 (Minimum field area*2.5)
Total Field Area Required (ft²)⁽¹⁾: 7200 (Minimum field area*3)

(1) Provides for reserve area and soil irregularity, 2.5 to 3 is multiplier.

Drip Septic System Area Computation

Created by: JV
Created on: 6/20/2001
Updated on: 5/30/2024

Client Name: *Kolarov*
Number Bedrooms: 4
Design Flow (gal/day): 480 (120 gal/day/bedroom, minimum 240 gal/day/dwelling)
LTAR (gal/day/ft²): 0.05
Trench Bottom Area (ft²): 9600 (Design flow/LTAR)
Trench Width (ft): 0
On-center distance between trenches (ft): 2
Trench Bottom Length (ft): 4800

Minimum Field Area Required (ft²): 9600 (Trench Bottom Length*Trench on-center distance)
Total Field Area Required (ft²)⁽¹⁾: 24000 (Minimum field area*2.5)
Total Field Area Required (ft²)⁽¹⁾: 28800 (Minimum field area*3)

(1) Provides for reserve area and soil irregularity, 2.5 to 3 is multiplier.

Client Name: *Kolarov*
Number Bedrooms: 4
Design Flow (gal/day): 480 (120 gal/day/bedroom, minimum 240 gal/day/dwelling)
LTAR (gal/day/ft²): 0.1
Trench Bottom Area (ft²): 4800 (Design flow/LTAR)
Trench Width (ft): 0
On-center distance between trenches (ft): 2
Trench Bottom Length (ft): 2400

Minimum Field Area Required (ft²): 4800 (Trench Bottom Length*Trench on-center distance)
Total Field Area Required (ft²)⁽¹⁾: 12000 (Minimum field area*2.5)
Total Field Area Required (ft²)⁽¹⁾: 14400 (Minimum field area*3)

(1) Provides for reserve area and soil irregularity, 2.5 to 3 is multiplier.

Client Name: *Kolarov*
Number Bedrooms: 4
Design Flow (gal/day): 480 (120 gal/day/bedroom, minimum 240 gal/day/dwelling)
LTAR (gal/day/ft²): 0.15
Trench Bottom Area (ft²): 3200 (Design flow/LTAR)
Trench Width (ft): 0
On-center distance between trenches (ft): 2
Trench Bottom Length (ft): 1600

Minimum Field Area Required (ft²): 3200 (Trench Bottom Length*Trench on-center distance)
Total Field Area Required (ft²)⁽¹⁾: 8000 (Minimum field area*2.5)
Total Field Area Required (ft²)⁽¹⁾: 9600 (Minimum field area*3)

(1) Provides for reserve area and soil irregularity, 2.5 to 3 is multiplier.

ATTACHMENT 4: Soil Survey Information

TABLE 10.--SANITARY FACILITIES

(Some terms that describe restrictive soil features are defined in the Glossary. See text for definitions of "slight," "fair," and other terms. Absence of an entry indicates that the soil was not rated. The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation)

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
AaA----- Altavista	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.	Fair: wetness, too clayey.
ApB----- Appling	Moderate: percs slowly.	Moderate: seepage, slope.	Moderate: too clayey.	Slight-----	Fair: too clayey, hard to pack.
ApC----- Appling	Moderate: percs slowly, slope.	Severe: slope.	Moderate: slope, too clayey.	Moderate: slope.	Fair: too clayey, hard to pack, slope.
AuC*: Appling-----	Moderate: percs slowly.	Moderate: seepage, slope.	Moderate: too clayey.	Slight-----	Fair: too clayey, hard to pack.
Urban land.					
CaB, CeB2----- Cecil	Moderate: percs slowly.	Moderate: seepage, slope.	Moderate: too clayey.	Slight-----	Fair: too clayey, hard to pack.
CeC2----- Cecil	Moderate: percs slowly, slope.	Severe: slope.	Moderate: slope, too clayey.	Moderate: slope.	Fair: too clayey, hard to pack, slope.
ChA*: Chewacla-----	Severe: flooding, wetness.	Severe: flooding, wetness.	Severe: flooding, wetness.	Severe: flooding, wetness.	Poor: hard to pack, wetness.
Wehadkee-----	Severe: flooding, wetness.	Severe: flooding, wetness.	Severe: flooding, wetness.	Severe: flooding, wetness.	Poor: wetness, thin layer.
CoA----- Congaree	Severe: flooding, wetness.	Severe: flooding, wetness.	Severe: flooding, wetness.	Severe: flooding, wetness.	Fair: too clayey, wetness.
CrB----- Creedmoor	Severe: wetness, percs slowly.	Moderate: slope.	Severe: wetness, too clayey.	Moderate: wetness.	Poor: too clayey, hard to pack.
CrC----- Creedmoor	Severe: wetness, percs slowly.	Severe: slope.	Severe: wetness, too clayey.	Moderate: wetness, slope.	Poor: too clayey, hard to pack.
EnB----- Enon	Severe: percs slowly.	Moderate: slope.	Severe: too clayey.	Slight-----	Poor: too clayey, hard to pack.

See footnote at end of table.

**ATTACHMENT 5: Granville County Health
Department Permit Documentation**

GRANVILLE-VANCE HEALTH DEPARTMENT—Sewage Disposal Record

Owner or Contractor Thomas Jenkins Date 1-26-01 S.R. No. 1700

Location/Address 3123 Brassfield Rd.

Subdivision/Mobile Home Park Name _____ Lot Size _____

Permit No. # 2825 Lot No. _____

New System ☒ Repair _____

House _____ Mobile Home _____ Business ☒

No. Bedrooms _____ No. People 1 No. Toilets _____

Water Supply: Private Beauty Shop Approved _____

Semi-Public _____ Unapproved _____

Public _____ None _____

Nitrification System:

Tank Size 1000 gal.

Distribution Box _____ No. Lines 1

Nitrification Field 420 Sq. Ft.

Lines: 1 2 3 4 5 6

Width 3'

Length 110'

Grade 0"

Stone Depth EFE 222 Lay

Layout to be followed by installer:

* sketch on back

Improvements Permit By David Cumbee Installer Blackley Bros.

Certificate of Completion By David Cumbee Date of Inspection 1-29-01

* Construction must comply with all other applicable state and local regulations, but the permit is not a guarantee that the system will not malfunction and the Granville-Vance Health District will not be held responsible for a malfunctioning system.

NOTE: Make sketch of installation showing location of house, septic tanks, privies, water supplies on adjacent property, etc. Write in measurements in order that installations may be located at later date.

