ROXSOL

976 McIntire Ave. Zanesville, Ohio 43701 Phone: 740-704-1879 Email: kylebaldwin@roxsol.com

May 30, 2025

CountryTyme Realty
c/o Donovan Kuhn
3451 Cincinnati-Zanesville Rd. SW.
Lancaster, OH. 43130
(614) 345-5317

RE: Site and soil evaluation (Par#240007220000, Dutch Ridge Rd.)

You requested this site and soil evaluation for your proposed lot splits. The soil logs and site plan are attached. A layout plan will also be required prior to applying for a permit to install. The information provided in this report is necessary to complete the layout plan.

Test Holes were flagged during the site visit and are in an area proposed to serve as a primary and/or secondary leaching site. Disturbance of the proposed leach areas, prior to septic system installation, may negate the validity of this report. This includes, but is not limited to, vehicle traffic, excavations, stump removal, topsoil/earth fill storage or adding permanent structures that will have an adverse impact to natural soil structure and biology. **All surface and groundwater should be diverted away from the leach field.**

Septic tank absorption fields are areas in which effluent from a septic tank is distributed into the soil through subsurface tiles or perforated pipes. Only that part of the soil between depths of 0 and 60 inches is evaluated. The ratings are based on the soil properties that affect absorption of the effluent, construction and maintenance of the system, and public health. Saturated hydraulic conductivity (Ksat), depth to a water table, ponding, depth to bedrock, and flooding affect absorption of the effluent. Stones, boulders, and bedrock interfere with installation. Subsidence interferes with installation and maintenance. Excessive slope may cause lateral seepage and surfacing of the effluent in downslope areas. Some soils are underlain by loose sand and gravel or fractured bedrock at a depth of less than 4 feet below the distribution lines. In these soils the absorption field may not adequately filter the effluent, particularly when the system is new. As a result, the ground water may become contaminated.

Rating class terms indicate the extent to which the soils are limited by all the soil features that affect the specified use (Septic Tank Absorption Field). "Not limited" indicates that the soil has features that are very favorable for the specified use. Good performance and very low maintenance can be expected. "Somewhat limited" indicates that the soil has features that are moderately favorable for the specified use. The limitations can be overcome or minimized by special planning, design, or installation. Fair performance and moderate maintenance can be expected. "Very limited" indicates that the soil has one or more features that are unfavorable for the specified use. The limitations generally cannot be overcome without major soil reclamation, special design, or expensive installation procedures. Poor performance and high maintenance can be expected.

Rating class terms indicate the extent to which the soils are limited by all the soil features that affect the specified use. (Septic Tank Absorption Field)

SOIL RATING (LIMITATIONS)	CONVENTIONAL GRAVITY FLOW SYSTEM	MODIFIED CONVENTIONAL SYSTEM GRAVITY FLOW	SPECIAL DEVICES (REQUIRING AERATION, UV LIGHT, PUMPS.	SPECIAL DEVICES (INCLUDING AERATION, UV LIGHT, PUMPS, MOUNDS, SPRAY/DRIP, NPDES ETC...)
VERY LIMITED (WATER TABLE(8"-14"), BEDROCK ≤ 44"), HIGHLY PERMEABLE (SAND), SLOPE≥20%, OTHER RESTRICTIONS≤ 34", EARTH FILL, CLAY CONTENT, COMPACTED, LIMITED AREA, OTHER)	N/A	N/A	YES (TRENCH DEPTH MAY REQUIRE SOME TOPSOIL COVER AND/OR AERATION-UV LIGHT OR COMBINATION)	YES
SOMEWHAT LIMITED (WATER TABLE(14"-26"), BEDROCK ≤ 44"), HIGHLY PERMEABLE (SAND), SLOPE, OTHER RESTRICTIONS≤ 34"	YES	YES (TRENCH DEPTH MAY REQUIRE SOME TOPSOIL COVER, POTENTIAL DISCHARGE ON SLOPES)	YES (TRENCH DEPTH MAY REQUIRE SOME TOPSOIL COVER AND/OR AERATION-UV LIGHT OR COMBINATION-DISCHARGE POTENTIAL ON SLOPES)	N/A
NOT LIMITED (NO RESTRICTIONS OR WATER TABLE)	YES	N/A	N/A	N/A

SYSTEM COST & MAINTENANCE INCREASES ↑

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The Perry County Health Department has regulatory authority over residential onsite wastewater treatment systems and will make the final determination for approval or disapproval in accordance with current rules.

LIMITATIONS

The analysis and any loading rate recommendations contained in this report are based on the data obtained from limited observation and testing of the materials encountered and our review of data provided by others and published information. Test borings indicate soil conditions only at specific locations and times, and only at the depths penetrated. They do not necessarily reflect strata or variations that may exist between exploration locations. There is no express or implied agreement that uniformity of material exists between explored locations. This information has been obtained solely for the owner's use as an aid for project design. This information is not intended for the contractor's bid development and the contractor shall not rely on the information for bidding purposes. The owner assumes no liability for the contractor's interpretation of the information contained in this report. This report has solely been provided to the contractor for informational purposes only.

This report includes all supporting exploration logs, field data, field notes, laboratory test data, calculations, estimates, and other documents prepared by Roxsol, LLC in connection with this project have been prepared for the exclusive use of Donovan Kuhn-CountryTyme Realty to our proposal dated May 21, 2025, and in accordance with generally accepted sampling practice. All terms and conditions set forth in the Agreement are incorporated herein by reference. No warranty, express or implied, is made herein. The use and reproduction of this report by any other person without the expressed written permission of Roxsol, LLC and Donovan Kuhn-CountryTyme Realty are unauthorized and such use is at the sole risk of the user.

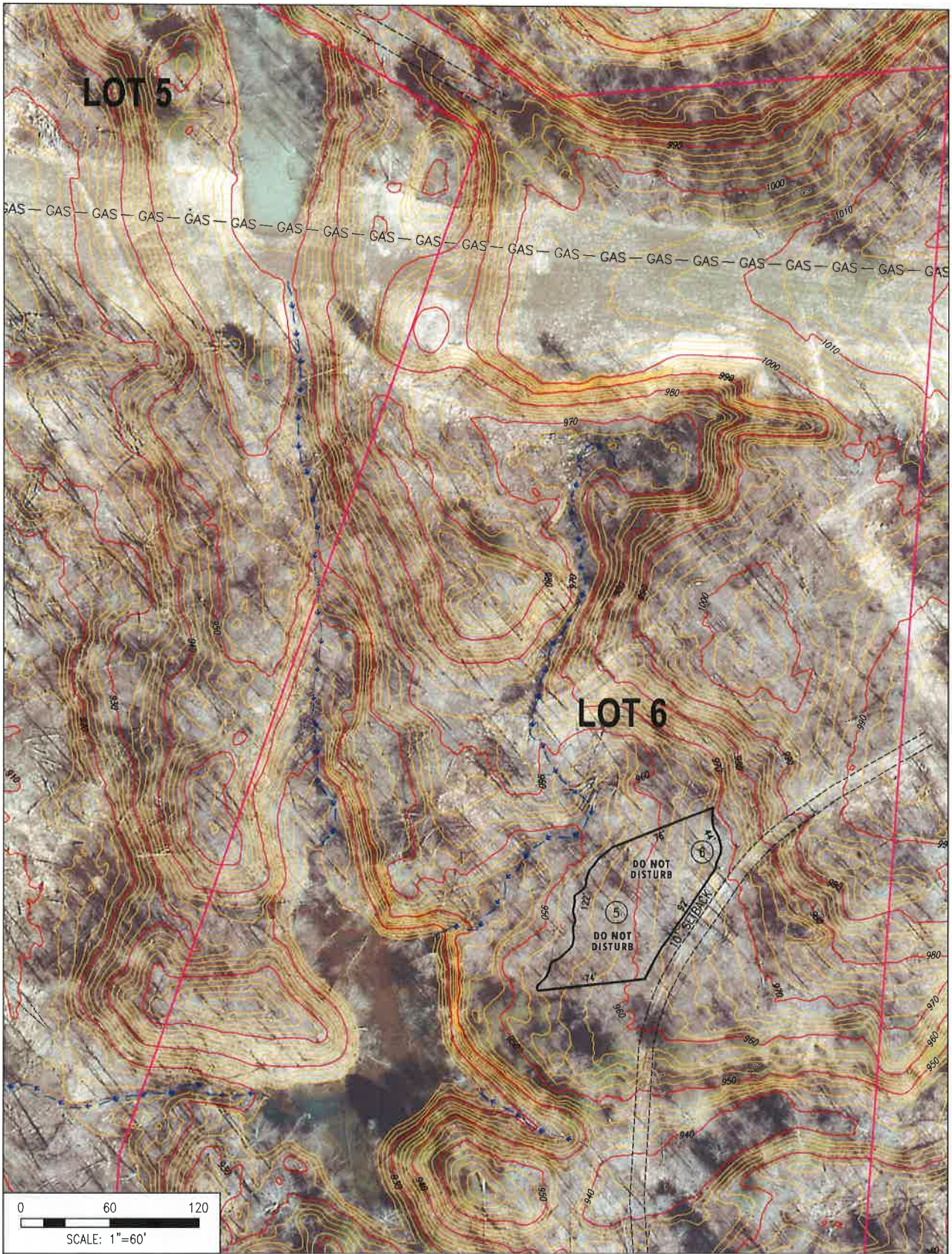
The analyses and any loading rate recommendations must be considered preliminary until the subsurface conditions can be verified by direct observation at the time of construction. If variations in subsurface conditions from those described in this report are noted during construction, recommendations in this report may need to be re-evaluated. If any changes in the nature, design, or location of the facilities are planned, the conclusions and recommendations contained in this report should not be considered valid unless the changes are reviewed, and the conclusions of this report are verified in writing. Roxsol, LLC. is not responsible for any claims, damages, or liability associated with interpretation of subsurface data or reuse of the subsurface data or engineering analyses without the expressed written authorization of Roxsol, LLC.

This report and the attached logs are instruments of service. The subject matter of this report is limited to the facts and matters stated herein. Absence of a reference to any other conditions or subject matter shall not be construed by the reader to imply approval by the writer.

Sincerely,

Kyle Baldwin, Geologist

Att: Site plan, Soil test hole logs



NOTE: SITE PLAN PREPARED USING GARMIN GPS, PERRY CO., AND OGRIP GIS DATA. DATA SHOWN IS ASSUMED CORRECT, BUT HAS NOT BEEN SURVEYED. HOUSE, WELL, BURIED UTILITIES AND DRIVEWAY LOCATIONS, IF SHOWN, ARE NOT FINAL. ALL SHOULD BE SITUATED ON THE LOT TO ALLOW FOR AN ON LOT SYSTEM THAT MEETS, OR EXCEEDS, THE MINIMUM SIZE REQUIRED.

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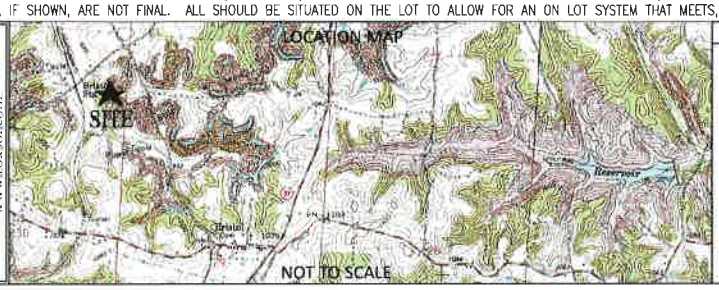
www.roxsol.com

LOCATION MAP



LEGEND

- LOT
- (#) TEST PIT
- DRAINAGE
- —GAS— GAS LINE

NOTE: DO NOT DISTURB DESIGNATED LEACH FIELD AREAS UNTIL INSTALLATION

COUNTRYTYME
C/O DONOVAN KUHN
DUTCH RIDGE RD.,
NEW LEXINGTON, OH 43764

PARCEL: 240007220000 (LOT 6)

2' CONTOUR INTERVAL

SCALE: 1"=60'

DATE	5/21/25
REVIEWED BY	KB

N

Site and Soil Evaluation for Sewage Treatment and Dispersal

County: PERRY
Township / Sec.: PIKE
Property Address/Location: 0 DUTCH RIDGE RD.
JUNCTION CITY, OH. 43748
Applicant Name: COUNTRYTYME REALTY-DONOVAN KUHN
Address: 3451 CINCINNATI-ZANESVILLE RD. SW.
LANCASTER, OH. 43130
Phone #: (614) 354-5317
Lot #: 240007220000
Test Hole #: 5
Latitude/Longitude: 39.67845, -82.23788
Method: ___ Pit ___ Auger X Probe

Land Use / Vegetation: UNDEVELOPED WOODS/BRUSH
Landform: UPLAND
Position on Landform: HILLSLOPE
Percent Slope: 10%
Shape of Slope: LINEAR-CONVEX

Date: May 21, 2025
Evaluator:
KYLE BALDWIN, GEOLOGIST

AOP SOILS PROFESSIONAL
ODH APPROVED SOIL EVALUATOR
Certification #
Signature: KYLE BALDWIN
Phone#: 740-704-1879

Soil Profile		Estimating Soil Saturation			Estimating Soil Permeability							Loading Rates		
		Munsell Color (hue, value, chroma)												
			Redoximorphic Features		Texture			Structure				Infiltration		Linear
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	>30BOD	<30BOD	g/d/ft
A	6	10YR 4/3			SIL	20	0	2	M	GR	FR	0.6	0.8	TBD
Bt1	18	10YR 5/4	10YR 5/4		SIL	20	0	2	F	SBK	FR	0.6	0.8	TBD
2Bt2	32	10YR 5/4	10YR 5/6 3/2	10YR 6/2	SICL	30	5	2	M	SBK	FI	0.4	0.6	TBD
2BC	46	2.5YR 5/4	10YR 5/6 3/2	10YR 6/1	CL	30	10	2	CO	SBK	FI	0.4	0.6	TBD
2C	60	2.5YR 5/4	10YR 5/6 3/2	10YR 6/1	CNCL	30	20	0	0	0	FI	0.0	0.0	TBD

Limiting Conditions	Depth to (in.)	Descriptive Notes	Remarks / Risk Factors/ Soil Rating:
Perched Seasonal Water Table	18	REDOXIMORPHIC FEATURES PRESENT	
Apparent Water Table	N/O	NOT OBSERVED	
Highly Permeable Material	N/O	NOT OBSERVED	SOIL RATING: SOMEWHAT LIMITED
Bedrock	N/O	NOT OBSERVED	
Restrictive Layer	46	STRUCTURELESS	

Note : The evaluation should include a complete site plan or site drawing.

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Township / Sec.: PIKE
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JUNCTION CITY, OH. 43748
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LANCASTER, OH. 43130
Phone #: (614) 354-5317
Lot #: 240007220000
Test Hole #: 6
Latitude/Longitude: 39.67857, -82.23766
Method: ___ Pit ___ Auger X Probe

Land Use / Vegetation: UNDEVELOPED WOODS/BRUSH
Landform: UPLAND
Position on Landform: HILLSLOPE
Percent Slope: 10%
Shape of Slope: LINEAR-CONVEX

Date: May 21, 2025
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