

EarthWorks

Environmental Services, LLC
(770) 503-6488

1440 Gran Forest Drive
Cumming, GA 30041



LEVEL 3 SOIL INVESTIGATION REPORT

Report Date: 9/24/2023	Inspection Date: 9/21/2023	Level of Study: 3
Site Location: 4175 Jay Green Road	Job No. 23457	
Client: Steve Leffers	Phone: 678-866-8700	
County: Cherokee	Land Lot: 933 & 934	District: 3 rd Section: 2 nd
Field Inspection By: Jeffrey A. Reichel Jr.		
Boring Location Method: EOS Arrow 100 Submeter GPS Unit and Surveyed Property Corner		
Certified By: Jeffrey A. Reichel Jr, DPH CSC		

SOIL SERIES & INTERPRETIVE PROPERTIES

Soil Series & Slope Class (%)	Depth to Bedrock (in)	Depth to PWT* (in)	Estimated Perc. (min/in)	Depth of Estimated Perc/(in)	Recommended Installation Depth (in)	Soil Suitability Code
Hayesville, 2-15%	>72**	>72	45	12-48	24-36	A

* Perched Water Table ** Auger Refusal on Seams of Rock Fragments that Should be rippable with a backhoe

SOIL SUITABILITY CODE DEFINITIONS

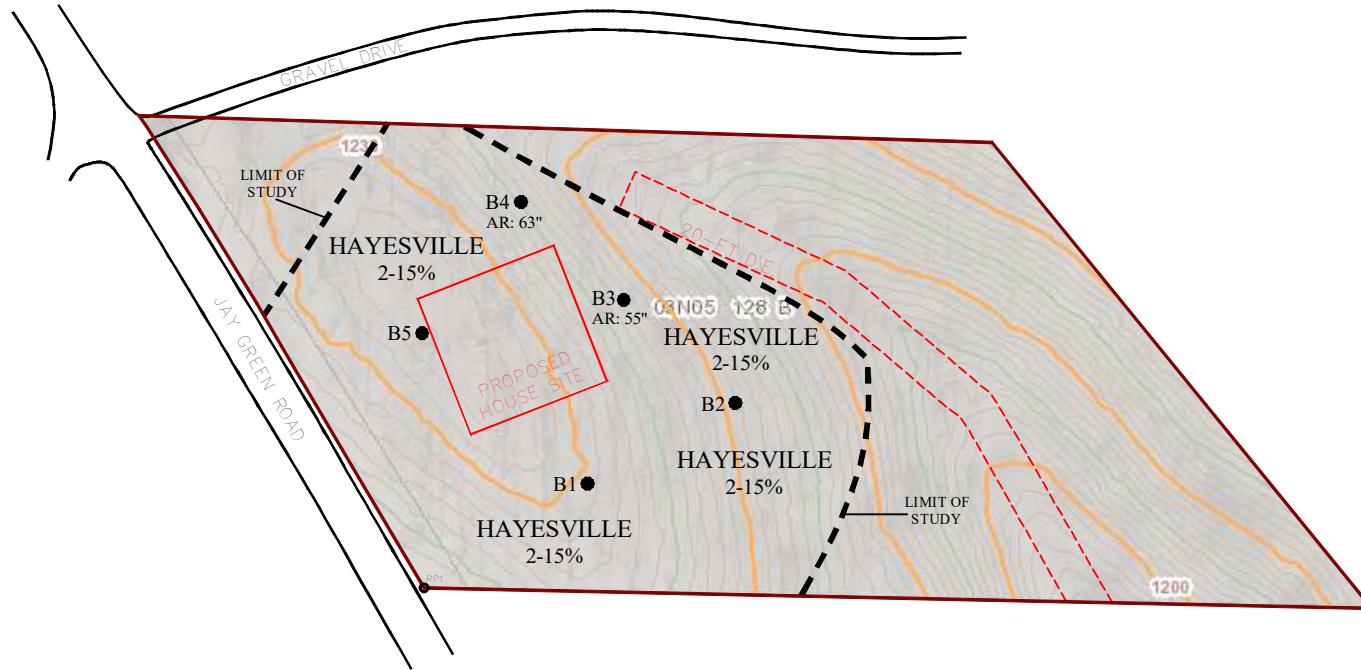
- A Soils are typically suitable for conventional absorption field with proper design, installation and maintenance.

GENERAL NOTES & COMMENTS

1. The base map was obtained from the Cherokee County GIS Website and the survey provided.
2. Borings were located using an EOS Arrow 100 Submeter GPS Unit and Surveyed Rebar Property Corner Reference Point.
3. Modification of the site including cut and fill of the drain field area may void the conditions cited.
4. When installing drain line in clay soils, every effort should be made to prevent smearing trench walls and bottom. These conditions reduce drainage rate and may cause premature failure. Installation should be conducted under dry soil conditions. If smearing is evident, surface should be picked or raked prior to placement of distribution media.

NOTES:

1. STORMWATER MUST BE ROUTED AWAY FROM PRIMARY SEPTIC ABSORPTION FIELD FOR PROPER SYSTEM FUNCTION.
2. PROPERTY BOUNDARIES, DRAINAGE EASEMENT AND PROPOSED HOUSE LOCATION WERE OBTAINED FROM THE SURVEY PROVIDED. ELEVATION CONTOURS (1') WERE OBTAINED FROM THE CHEROKEE COUNTY GIS WEBSITE AND SHOULD BE CONSIDERED APPROXIMATE.
3. SOIL BORINGS WERE LOCATED USING AN EOS ARROW 100 SUBMETER GPS UNIT AND SURVEYED REBAR PROPERTY CORNER REFERENCE POINT (RP1).



LEGEND	
●	= AUGER BORING
■	= SEPTIC TANK
□	= BACKHOLE PIT
AR	= AUGER REFUSAL
PWT	= PERCHED WATER TABLE
TWT	= TRANSIENT WATER TABLE
↘	= SLOPE ARROW
ORP	= REFERENCE POINT
FD	= DEPTH OF OBSERVED FILL
BT	= BORING TERMINATION



LEVEL 3 SOIL MAP
4175 JAY GEEN ROAD
L.L. 933 & 934, 3RD DISTRICT, 2ND DISTRICT
CHEROKEE COUNTY, GEORGIA

PROJECT NO: 23457
LAST DATE OF FIELD WORK: 9/21/23
DATE OF SOIL MAP: 9/24/23



EarthWorks
Environmental Services, LLC
jeff@myearthworks.net
(770) 503 - 6488



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
10/05/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Hester and Associates, Inc. 6015 Southard Trace Cumming, GA 30040	CONTACT NAME: Maria Aligheri PHONE (A/C, No, Ext): 678-679-0400 FAX (A/C, No): 678-679-0404 E-MAIL ADDRESS: info@hesterinsurance.com <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">INSURER(S) AFFORDING COVERAGE</th> <th style="text-align: left;">NAIC #</th> </tr> <tr> <td>INSURER A : Century Surety Company</td> <td></td> </tr> <tr> <td>INSURER B :</td> <td></td> </tr> <tr> <td>INSURER C :</td> <td></td> </tr> <tr> <td>INSURER D :</td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Century Surety Company		INSURER B :		INSURER C :		INSURER D :		INSURER E :		INSURER F :	
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INSURED Jeffrey A. Reichel, Jr. dba Earthworks Environmental Services, LLC 1440 Gran Forest Drive Cumming, GA 30041															

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PRO-JECT ☐ LOC OTHER:			CCP1095340	10/06/2022	10/06/2023	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ \$100,000 MED EXP (Any one person) \$ \$5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 1,000,000 PRODUCTS - COMP/OP AGG \$ 1,000,000 COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ EACH OCCURRENCE \$ AGGREGATE \$ PER STATUTE OTH-ER
	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY						
	UMBRELLA LIAB ☐ OCCUR EXCESS LIAB ☐ CLAIMS-MADE DED RETENTION \$						
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						
	Y / N N / A						
A	Contractor's Pollution Liability Consultant's Professional Liability			CCP1095340 CCP1095340	10/06/2022 10/06/2022	10/06/2023 10/06/2023	Occurrence \$ 1,000,000 Claims Made \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Soil sampling/test soils ability to dispose waste water/storm water testing/environmental phase I assessments

CERTIFICATE HOLDER

CANCELLATION

Georgia Department of Public Health Attn: Chris Kumnick Two Peachtree Street NW 13th Floor Atlanta, GA 30303	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE MHA
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