

LAND APPLICATION OF BIOSOLIDS BLACKSTONE TIMBER

T-4647, T-6744

DINWIDDIE, VIRGINIA
JULY 2024

NUTRIBLEND INC DINWIDDIE COUNTY BLACKSTONE TIMBER

LOA DATE: 4/30/2024

LON DATE.	1/00/2021			ADJUSTED				
DEQ CONTROL NUMBER	SITE BOOK NAME	FIELD ID	GROSS ACRES	GROSS ACRES	CHANGE +/-	LANDOWNER	TAX PARCEL	NOTES
1053-00585-0000	Blackstone Timber	6744-1	132.8	132.0	-0.8	Blackstone Timber Co LLC	67-44	
	Blackstone Timber	4647-1	0	111.0	111.0	Blackstone Timber Co LLC	46-47	new site
	Blackstone Timber	4647-2	0	221.0	221.0	Blackstone Timber Co LLC	46-47	new site
		TOTALS	132.8	464.0	331.2			

NOTE:

blackstone timber 5/13/2024



SITE BOOK INFORMATION

COUNTY: Dinwiddie County - VPA00825

SITE BOOK NAME: **BLACKSTONE TIMBER LOA DATE:** 4/30/2024

TRACT NUMBERS: T-4647, T-6744

{Determined by Online Maps} LATITUDE / LONGITUDE: see field data sheet

LANDOWNER NAME: Blackstone Timber Co LLC

OPERATORS NAME: Lee Bethea

ADDRESS: 22619 Boydton Plank Road

McKenney, VA 23872

TELEPHONE #: 804-840-8849

GENERAL FARM TYPE: Silviculture

			GROSS	
	DEQ CONTROL#	FIELD ID #	ACRES	TAX ID #
1	51053-00585-0000	6744-1	132.0	67-44
2		4647-1	111.0	46-47
3		4647-2	221.0	46-47
		TOTAL GROSS ACRES	464.0	

TOTAL NUMBER OF FIELDS



FIELD DATA SHEET

SITE NAME: BLACKSTONE TIMBER TRACT: T-4647, T-6744

Ī	FIELD	GROSS	FIELD	FIELD COORDINATES		OWNER
	#	ACRES	TYPE	LATITUDE	LONGITUDE	OWNER
1	6744-1	132.0	Silviculture	37.019	-77.723	Blackstone Timber Co LLC
2	4647-1	111.0	Silviculture	37.084	-77.512	Blackstone Timber Co LLC
3	4647-2	221.0	Silviculture	37.084	-77.512	Blackstone Timber Co LLC
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	TOTAL	464.0				

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS							
A. This land application agreement is made on							
agricultural, silvicultural or recla	Landowner: The Landowner is the owner of record of the real property located in <u>Dinwiddle County</u> Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) with county documentation identifying owners, attached as Exhibit A.						
Table 1.: Parcels autho	rized to receive biosolid	a, water treatment residu	als or other industrial sludges				
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	<u>Tax Parcel ID</u>				
46-47							
67-44							
Additional parcels containing Land	Application Sites are identified	on Supplement A (check if ap	plicable)				
		of the properties identific					
In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall: 1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and 2. Notify the Permittee of the sale within two weeks following property transfer. The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect. The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the							
inspections on the land identified purpose of determining compliants	ed above, before, during	or after land application					
	atment residuals F	ood processing waste	Other industrial studges III Yes III No				
By: George A Ragsdale Title* Owner	Blackstone Timber Co Inc 6300 Appleberry Mt Rd By: George A Ragsdale Faber, VA 22938						
"IX I certify that I am a responsible official (or officer) authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.							
Permittee: Nutri-blend, Inc, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with \$10.1.104.2 of the Code of Virginia. The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.							
Printed name	Mailing Addre	SS PO Box 38060	Permittee- Authorized Representative Signature				
Bill Burnett		Richmond, VA 23231					
Title Office Manager	Phone No.	304-222-7514	First town To				

Page 1 of 2

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT County or City: Dinwiddie County Nutri-blend, INC Permittee: Blackstone Timber Co Inc Landowner: Landowner Site Management Requirements: I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids. I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices. I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site: 1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed. 2. Public Access a. Public access to land with a high potential for public exposure shall be restricted for at least one year

- following any application of biosolids.
- b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
- c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.

3. Crop Restrictions:

- a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
- Food crops with harvested parts below the surface of the land shall not be harvested for 20 months. after the application of biosolids when the blosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil.
- c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
- d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
- e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).

4. Livestock Access Restrictions:

Following blosofids application to pasture or hayland sites:

- a. Meat producing livestock shall not be grazed for 30 days,
- b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
- c. Other animals shall be restricted from grazing for 30 days;
- 5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
- Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land. for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

left.	4/20/2004
- man	4/30/2024
Landowner's Signature	Date

Rev 6/11/2018b

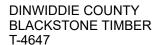
VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A *Land Application Agreement - Biosolids and Industrial Residuals* form with original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

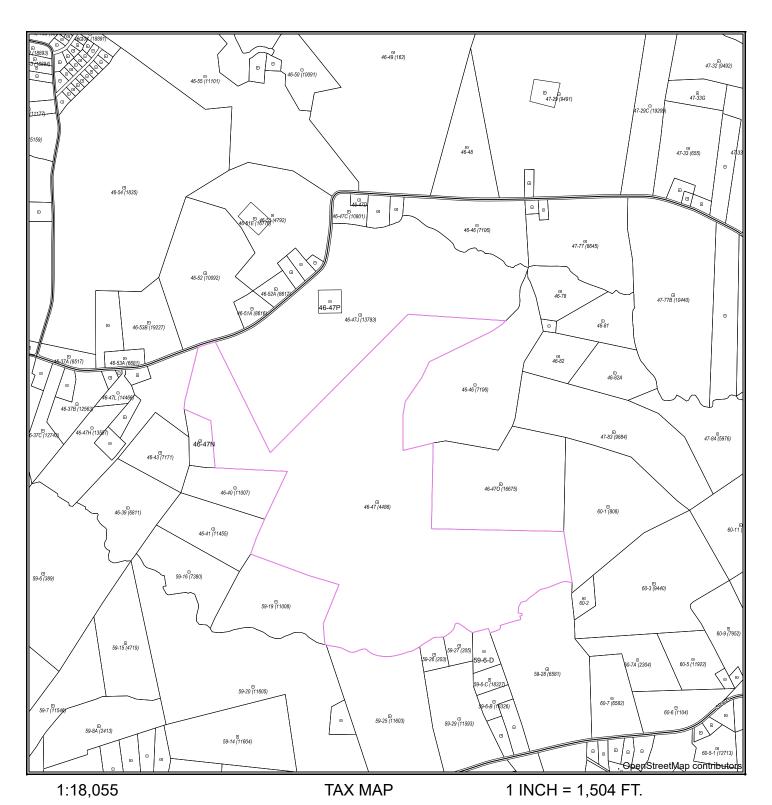
This form is not required when Form D - VPA Permit Application Workbook, Tabs 13.a and/or 13.b, are submitted. The information on that form supersedes the need to complete this Landowner Coordination Form.

Permittee	e:	NUTRIBLEND INC SITE: Blackstone Timber
County or C	City:	Dinwiddie County
Please Print		(Landowner signatures are not required on this
Tax Parcel	ID(s)	<u>Landowner(s)</u>
67-44		Blackstone Timber Company LLC
46-47		Blackstone Timber Company LLC

Rev 6/11/2018b Page 1 of 1







Landowner Property

Disclaimer: Information shown on these maps are derived from public records that are constantly undergoing change and do not replace a site survey, and is not warranted for content or accuracy. The County does not guarantee the positional or thematic accuracy of the GIS data. The GIS data or cartographic digital files are not legal representation of any of the features in which it depicts, and disclaims any assumption of the legal status of which it represents.

blackstone timber

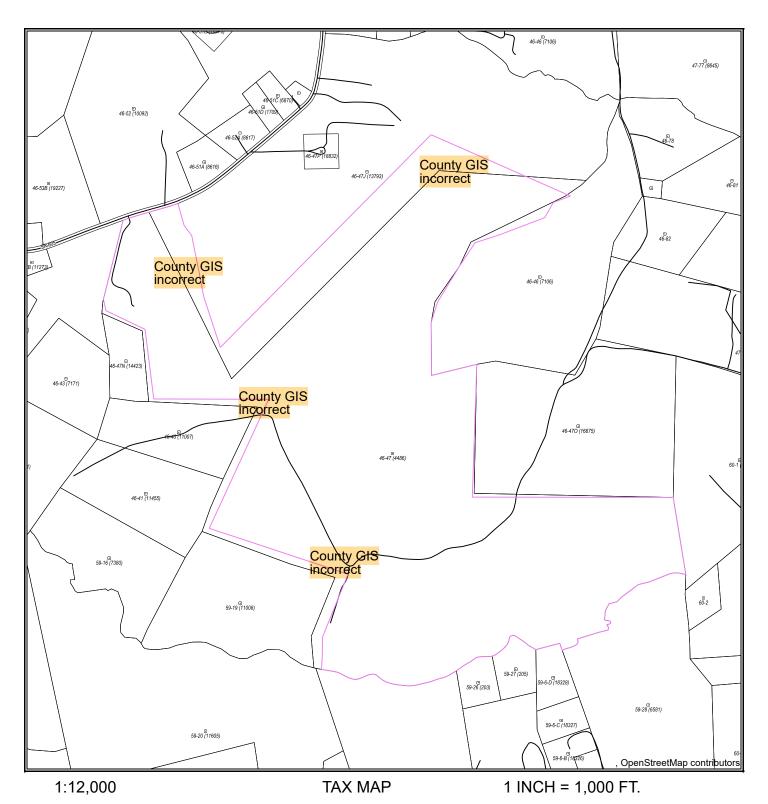
5/13/2024



IN



DINWIDDIE COUNTY BLACKSTONE TIMBER T-4647 (Corrected tax map)



Landowner Property

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blackstone timber

5/13/2024

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Location 0 City, State, Zip , VA

Tax Map # 46//47// **Acct#** 4486

Owner **BLACKSTONE TIMBER** Land Use Total \$0

COMPANY INC

Class AGR/UNDEV 100 UP ACR

Building Count 1 PID 12592

Legal Description Mines & Minerals VAUGHAN ROAD 46-47

Conserv Ease District 03: ROWANTY

Current Value

Assessment						
Valuation Year	Improvements	Land	Total	Land Use	Land Use Total	
2024	\$0	\$529,500	\$529,500	\$245,700	\$245,700	

Parcel Addresses

Additional Addresses	

No Additional Addresses available for this parcel

Owner of Record

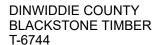
BLACKSTONE TIMBER COMPANY INC Sale Price Owner \$0 Co-Owner C/O GEORGE ALLEN RAGSDALE Year Address

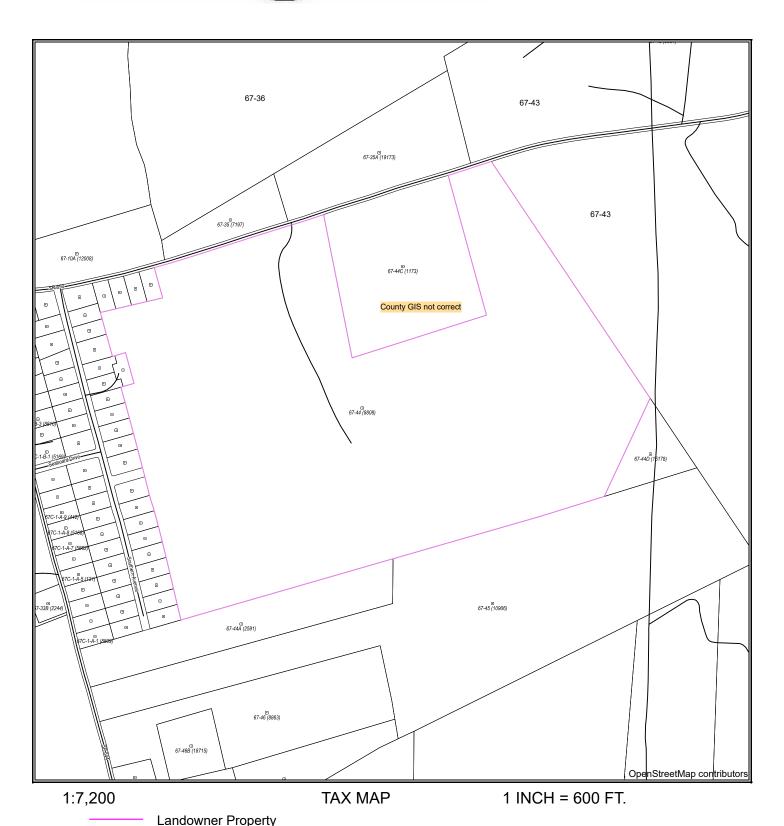
6300 APPLEBERRY MTN TRL Book & Page 333/256

Sale Date 02/17/2022 **FABER, VA 22938**

Ownership History

Ownership History					
Owner	Sale Price	Year	Book & Page	Sale Date	Instrument Number
BLACKSTONE TIMBER COMPANY INC	blackston	e timber	333/256	02/17/2022	5/13/20240
CIRCUIT COURT MAP INTEGRATION PROJ.	\$0	1990	0/0	01/01/1900	287007





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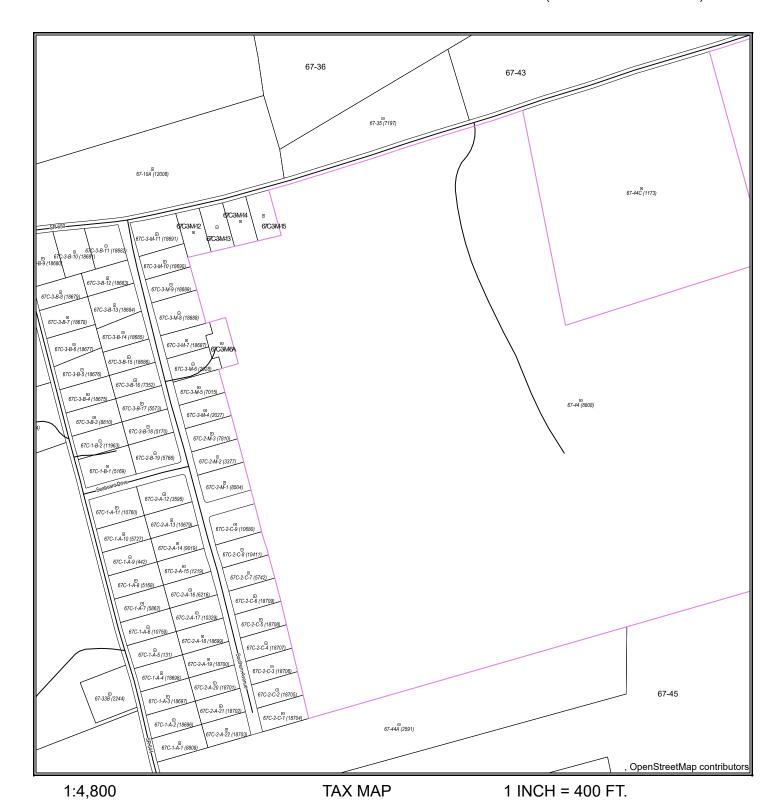
blackstone timber

5/13/2024





DINWIDDIE COUNTY BLACKSTONE TIMBER T-6744 (Closer View of West Side)



Landowner Property

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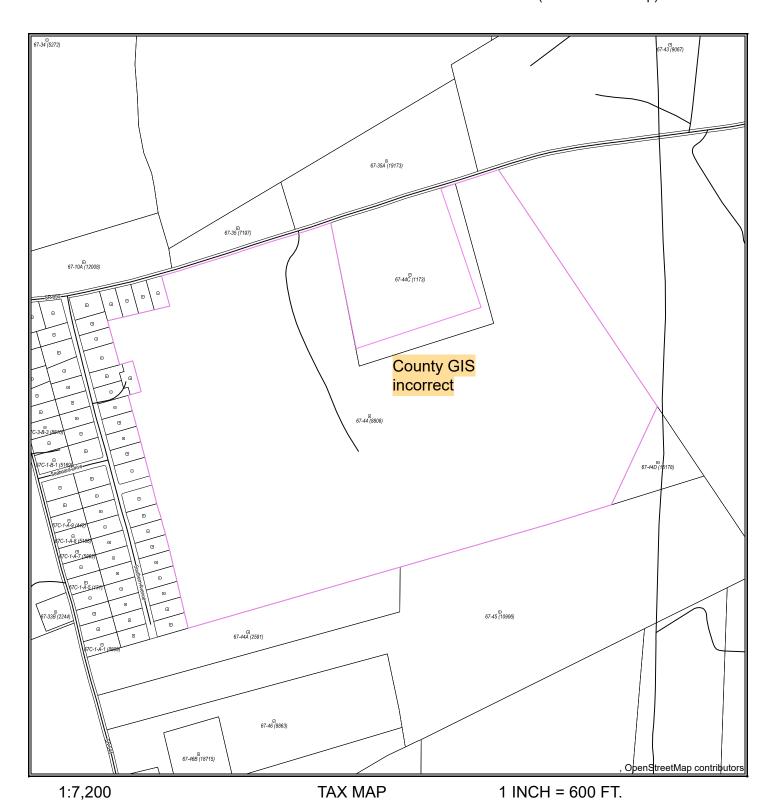
blackstone timber

5/13/2024

IN



DINWIDDIE COUNTY BLACKSTONE TIMBER T-6744 (Corrected Tax Map)



Landowner Property

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blackstone timber

5/13/2024

lack

0 LEW JONES RD

Location 0 LEW JONES RD **City, State, Zip**

Tax Map # 67//44// Acct# 8808

Owner BLACKSTONE TIMBER Land Use Total \$0

COMPANY INC

Class AGR/UNDEV 100 UP ACR

PID 17209 Building Count 1

Legal Description LEW JONES ROAD DB 211/301 Mines & Minerals

67-44

Conserv Ease

District 04: SAPONY

Current Value

Assessment						
Valuation Year	Improvements	Land	Total	Land Use	Land Use Total	
2024	\$0	\$331,900	\$331,900	\$92,400	\$92,400	

Parcel Addresses

Additional Addresses

No Additional Addresses available for this parcel

Owner of Record

OwnerBLACKSTONE TIMBER COMPANY INCSale Price\$0Co-OwnerC/O GEORGE ALLEN RAGSDALEYear0Address6300 APPLEBERRY MTN TRLBook & Page0/0

Sale Date 02/17/2022

FABER, VA 22938

Ownership History

Ownership History					
Owner	Sale Price blackston	Year le timber	Book & Page	Sale Date	Instrument Number
BLACKSTONE TIMBER COMPANY INC	\$0	0	0/0	02/17/2022	0

MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Lines



Soil Map Unit Points

Special Point Features

Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow

Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot

Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot

8

Spoil Area



Stony Spot



Very Stony Spot



Wet Spot Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24.000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

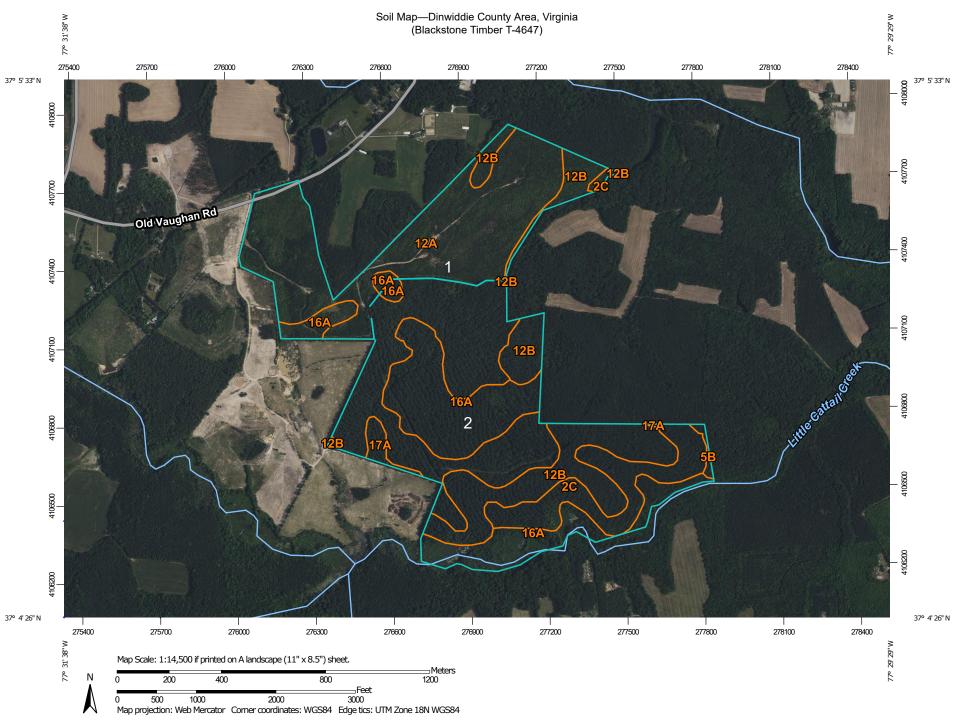
This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Dinwiddie County Area, Virginia Survey Area Data: Version 10, Aug 25, 2023

Soil map units are labeled (as space allows) for map scales 1:50.000 or larger.

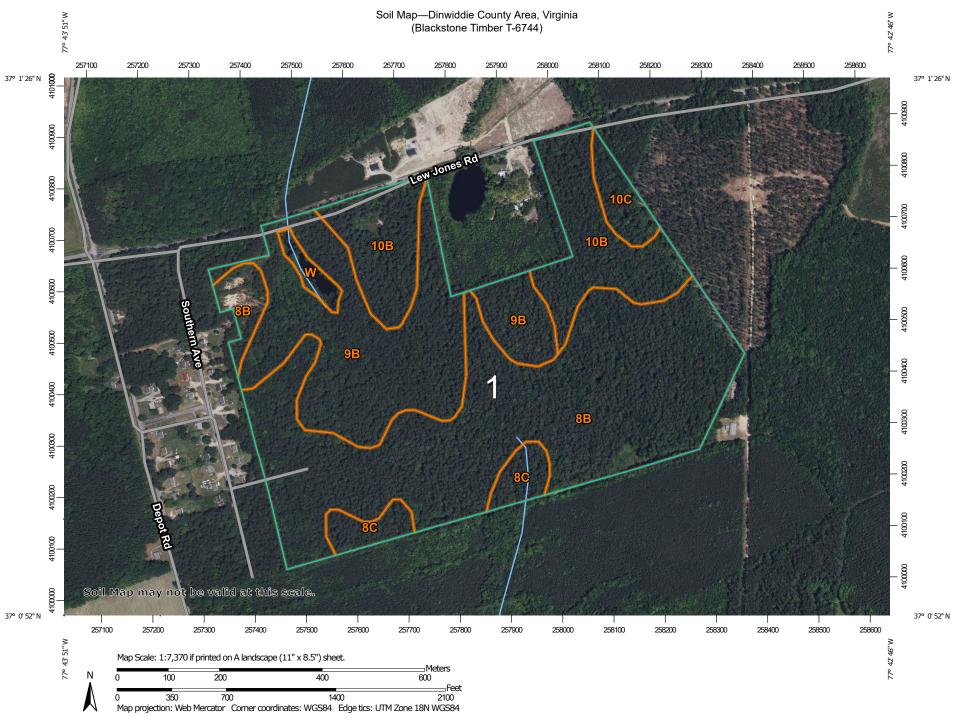
Date(s) aerial images were photographed: May 19, 2022—Jul 12, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
2C	Appling sandy loam, 7 to 15 percent slopes	29.9	9.0%
5B	Emporia sandy loam, 2 to 6 percent slopes	1.1	0.3%
12A	Mattaponi sandy loam, 0 to 2 percent slopes	170.6	51.4%
12B	Mattaponi sandy loam, 2 to 6 percent slopes	56.4	17.0%
16A	Roanoke loam, 0 to 2 percent slopes, occasionally flooded	70.3	21.2%
17A	Slagle sandy loam, 0 to 2 percent slopes	3.4	1.0%
Totals for Area of Interest		331.8	100.0%



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
8B	Georgeville silt loam, 2 to 7 percent slopes	63.2	48.8%
8C	Georgeville silt loam, 7 to 15 percent slopes	5.2	4.0%
9B	Helena loam, 2 to 7 percent slopes	34.1	26.3%
10B	Herndon loam, 2 to 7 percent slopes	22.0	17.0%
10C	Herndon loam, 7 to 15 percent slopes	3.4	2.6%
W	Water	1.6	1.3%
Totals for Area of Interest		129.5	100.0%

MAP LEGEND

Area of Interest (AOI) Area of Interest (AOI) Soils **Soil Rating Polygons** 0 - 25 25 - 50 50 - 100 100 - 150 150 - 200 > 200 Not rated or not available Soil Rating Lines 0 - 25 25 - 50 50 - 100 100 - 150 150 - 200 > 200 Not rated or not available **Soil Rating Points** 0 - 25 25 - 50 50 - 100 100 - 150 150 - 200

> 200

Not rated or not available

Water Features

Streams and Canals

Transportation

Rails

Interstate Highways

US Routes

Maior Roads

Local Roads

Background

Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24.000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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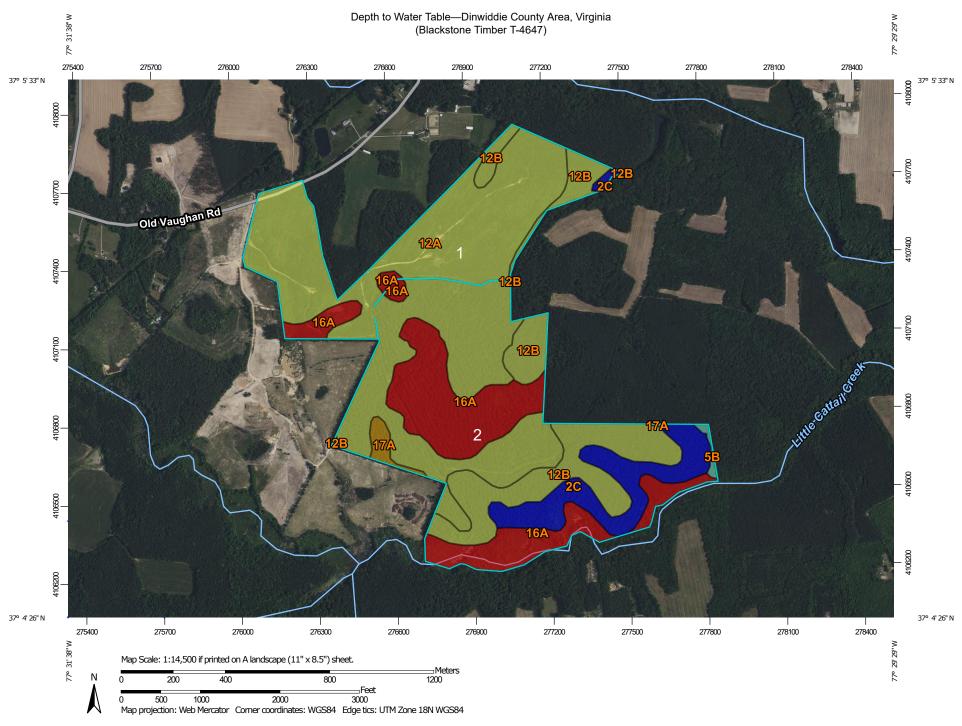
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Date(s) aerial images were photographed: May 19, 2022—Jul 12. 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



Depth to Water Table

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
2C	Appling sandy loam, 7 to 15 percent slopes	>200	29.9	9.0%
5B	Emporia sandy loam, 2 to 6 percent slopes	115	1.1	0.3%
12A	Mattaponi sandy loam, 0 to 2 percent slopes	69	170.6	51.4%
12B	Mattaponi sandy loam, 2 to 6 percent slopes	69	56.4	17.0%
16A	Roanoke loam, 0 to 2 percent slopes, occasionally flooded	15	70.3	21.2%
17A	Slagle sandy loam, 0 to 2 percent slopes	50	3.4	1.0%
Totals for Area of Interest		331.8	100.0%	

Description

"Water table" refers to a saturated zone in the soil. It occurs during specified months. Estimates of the upper limit are based mainly on observations of the water table at selected sites and on evidence of a saturated zone, namely grayish colors (redoximorphic features) in the soil. A saturated zone that lasts for less than a month is not considered a water table.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

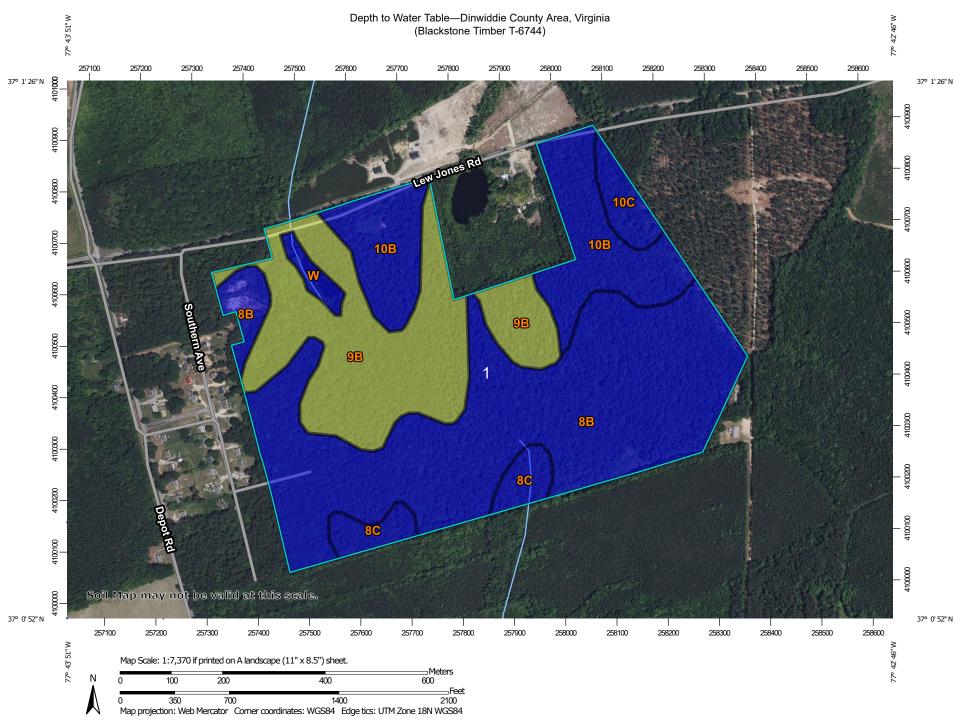
Rating Options

Units of Measure: centimeters

Aggregation Method: Dominant Component Component Percent Cutoff: None Specified

Tie-break Rule: Lower

Interpret Nulls as Zero: No Beginning Month: January Ending Month: December



Depth to Water Table

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
8B	Georgeville silt loam, 2 to 7 percent slopes	>200	63.2	48.8%
8C	Georgeville silt loam, 7 to 15 percent slopes	>200	5.2	4.0%
9B	Helena loam, 2 to 7 percent slopes	61	34.1	26.3%
10B	Herndon loam, 2 to 7 percent slopes	>200	22.0	17.0%
10C	Herndon loam, 7 to 15 percent slopes	>200	3.4	2.6%
W	Water	>200	1.6	1.3%
Totals for Area of Interest		129.5	100.0%	

Description

"Water table" refers to a saturated zone in the soil. It occurs during specified months. Estimates of the upper limit are based mainly on observations of the water table at selected sites and on evidence of a saturated zone, namely grayish colors (redoximorphic features) in the soil. A saturated zone that lasts for less than a month is not considered a water table.

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Aggregation Method: Dominant Component Component Percent Cutoff: None Specified

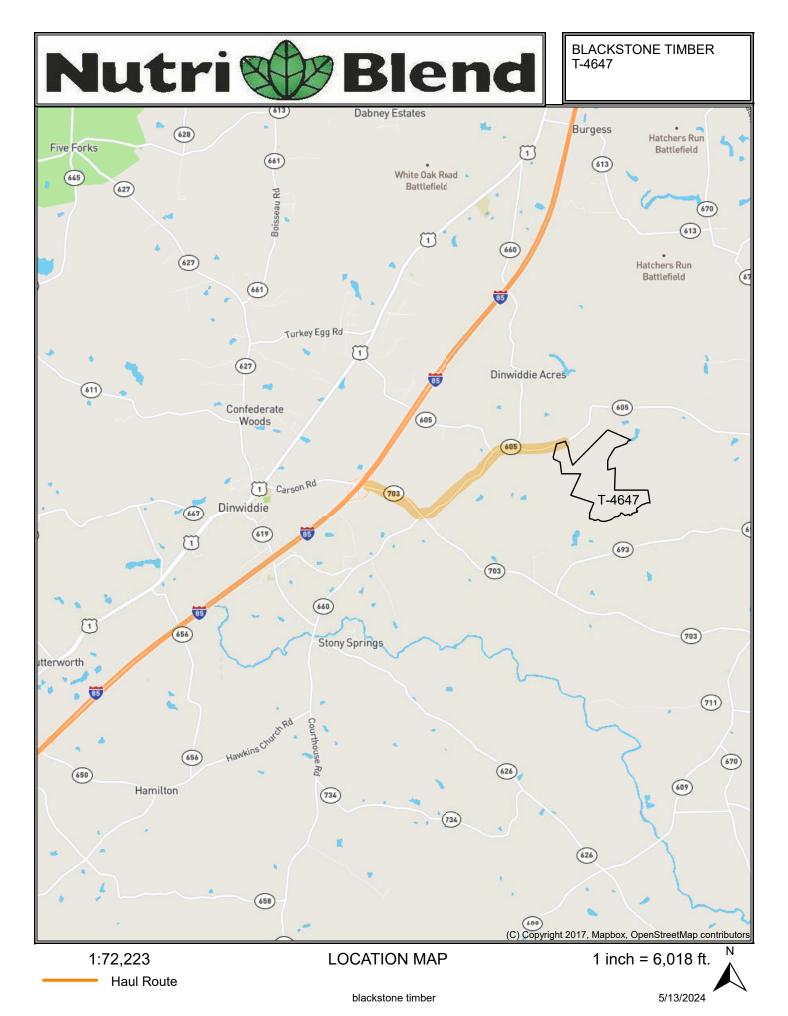
Tie-break Rule: Lower

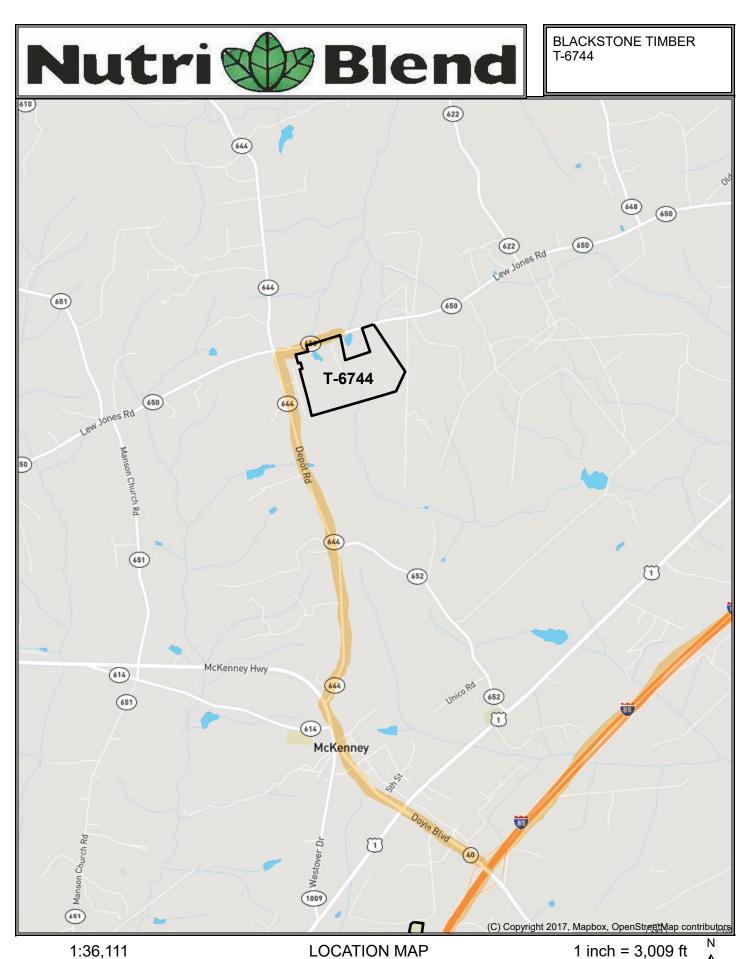
Interpret Nulls as Zero: No Beginning Month: January Ending Month: December



Map Legend

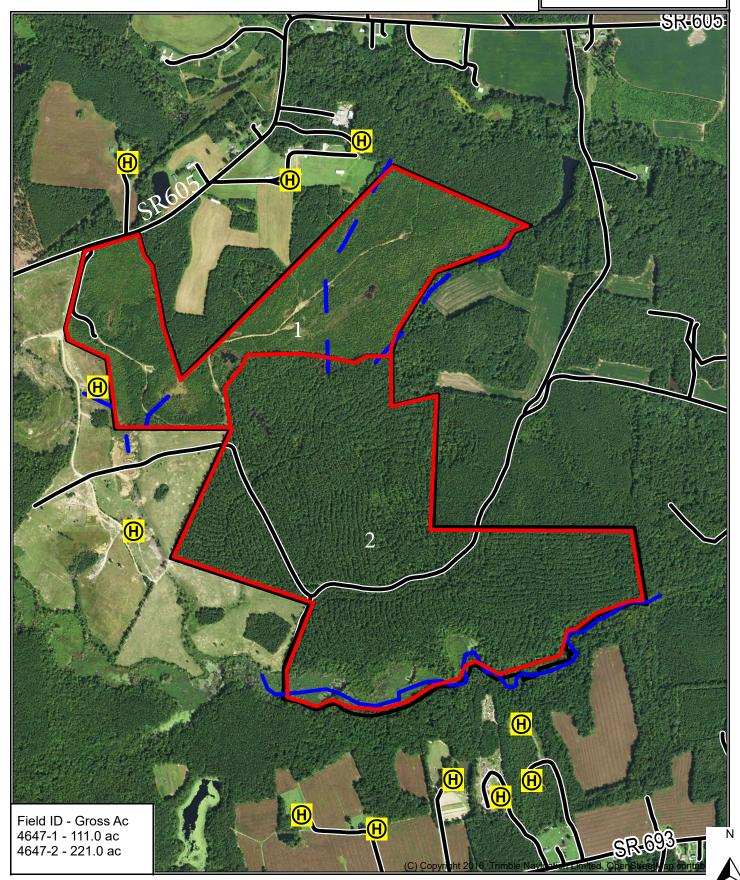
H	House / Occupied Dwelling with a well - 200' buffer - dwelling (with conditions for reduction) - 100' buffer - well
(Well / Spring - 100' buffer
V	Rock / Limestone Outcrop - 25' buffer - rock outcrop - 50' buffer - limestone outcrop
<u> </u>	Sink Hole - 100' buffer
	Water (surface) - 35' w/ vegetative buffer; 100' w/out vegetative buffer
P	Publicly Accessible Site - 200' buffer Publicly Accessible Site Property line - 400' buffer Odor Sensitive Site
L	Slope which exceeds 15%
	Stream / River
	- 35' w/ vegetative buffer; 100' w/out vegetative buffer
	Agricultural / Drainage Ditch
	Roadway
	- 10' improved highway buffer
	Field Boundary
	Property Line - 100' buffer unless waiver issued







BLACKSTONE TIMBER T-4647





BLACKSTONE TIMBER T-6744

