NUTRIBLEND INC CHARLES CITY Arthur Duke

				ADJUSTED				
DEQ CONTROL	SITE BOOK	FIELD	GROSS	GROSS	CHANGE			
NUMBER	NAME	ID	ACRES	ACRES	+/-	LANDOWNER	TAX PARCEL	NOTES
51036-00010-0000	Arthur Duke	108-1	11.6	11.6	0.0	Arthur Duke Trustee	45-38	
51036-00010-0000	Arthur Duke	108-2	17.9	17.9	0.0	Arthur Duke Trustee	45-38, 45-39	
51036-00010-0000	Arthur Duke	108-3	3	3.0	0.0	Arthur Duke Trustee	45-38, 45-39	
51036-00013-0000	Arthur Duke	108-4	16	16.0	0.0	Arthur Duke Trustee	45-38	
51036-00024-0000	Arthur Duke	122-1	8	8.0	0.0	Arthur Duke Trustee	69-10	
51036-00024-0000	Arthur Duke	122-2	51.5	51.5	0.0	Arthur Duke Trustee	69-10	
51036-00093-0000	Arthur Duke	39-1	48.7	48.7	0.0	Arthur Duke Trustee	56-21	
51036-00093-0000	Arthur Duke	39-10	25.7	25.7	0.0	Arthur Duke Trustee	56-22, 56-21, 56-51	
51036-00095-0000	Arthur Duke	39-15	39	39.0	0.0	Arthur Duke Trustee	56-55	
51036-00093-0000	Arthur Duke	39-17	7.6	7.6	0.0	Arthur Duke Trustee	56-51	
51036-00093-0000	Arthur Duke	39-2	7	12.0	5.0	Arthur Duke Trustee	56-51	Acreage Correction
51036-00093-0000	Arthur Duke	39-4	17.6	17.6	0.0	Arthur Duke Trustee	56-21	
51036-00093-0000	Arthur Duke	39-5	85	85.0	0.0	Arthur Duke Trustee	56-51	
51036-00093-0000	Arthur Duke	39-7	27.3	27.3	0.0	Arthur Duke Trustee	56-51	
51036-00101-0000	Arthur Duke	39-8	43.5	43.5	0.0	Arthur Duke Trustee	56-55, 56-56, 56-53	
51036-00093-0000	Arthur Duke	5621-1	126	126.0	0.0	Arthur Duke Trustee	56-21	
51036-00249-0000	Arthur Duke	564-1	41.4	41.4	0.0	Arthur Duke Trustee	56-4, 56-20	
51036-00250-0000	Arthur Duke	5651-1	403	357.0	-46.0	Arthur Duke Trustee	56-51, 56-49, 56- 50,56-52, 57-4, 57-5, 57-6, 56-46, 56-47	Acreage Correction
51036-00251-0000	Arthur Duke	5651-2	23	23.0	0.0	Arthur Duke Trustee	56-46, 56-47	<u> </u>
					0.0		30 10,00 11	
					0.0			
					0.0			
					0.0			
					0.0			
				_	0.0	_		
					0.0			
					0.0			
					0.0			
		TOTALS	1002.8	961.8	-41.0			

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

#ART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS							
A. This land application agreement is made on here as "Landowner", and Nutri-Blend Inc., referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.							
Landowner: The Landowner is the owner of record of the real property located in <u>Charles City</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 aut	norized to recei	ive biosolids, w	ater treatment residua	als or oth	ner industrial sludges		
Tax Parcel ID	Тах Ра	rcel ID	<u>Tax Parcel ID</u>		Tax Parcel ID		
69-10	56-56	,	45-39		57-4		
56-22	56-53		56-4		56-50		
510 - 55	45-38		56-20		56-52		
Additional parcels containing Land	Application Sites ar	re identified on Su	pplement A (check if applica	able)	o de la companya del companya de la companya del companya de la companya del la companya de la c		
☐ The La	ndowner is one	of multiple ow	he properties identifie ners of the properties	identifie	d herein.		
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 agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.							
Class B biosolids Water treatment residuals Food processing waste Other industrial sludges 以Yes 口No 四Yes 口No							
Printed name Arthur Duke		Mailing Address	11801 Farmers Rest	Landow	ner Signature		
By:		Cha	rles City, VA 23030	a	thur R. Duke		
Title Trustee Phone No. 804-241-5629							
* I certify that I have authority							
* 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: Notice Send, 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.							
The state of the s							
Printed name	1		P.O Box 38060	Canatura	- Authorized Representative		
Bill Burnett Title Office Manager			Henrico, VA 23231	R.D	& Burnett		
nee Onice manager		FIIOTIC NO.	804-222-7514	, ,,,,,,,			

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

Supplement A: Additional Land Application Sites

Permittee: Nutri - Charles C	Blend		
County: Charles C	-نام		
Landowner: Acthu	r Duke Living T	rust	
Parcels authorized	to receive biosolids, water	treatment residuals or othe	r industrial sludges
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	<u>Tax Parcel ID</u>
cont'd			
56-49			
57-6	444		
57-5			
S6-47			
56-46			

	OAT O	A / 118	301 Farmers Rest Charles City, VA 2303
hur Duke-Trustee andowner-Printed Name	Cathy R- 1 Signature	Juhi (Charles Cih, VA ZSOS Mailing Address

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VIRGINIA PO	LLUTION ABATEMENT PERMIT AP	PLICATION: PART D-V	TLAND APPLICATION AGREEME	NT.
Permittee:	Nutri-Blend.Inc.	County or City:	Charles City	_
Landowner: _	Arthur Duke Living Tru			_

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:

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.
- 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.
- b. 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 biosolids 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 biosolids 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;
- 6. 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).

Landowner's Signature

Date

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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 between Arthur by Re referred to here as "Landowner", and Nutri-Blend Inc., referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.								
Landowner: The Landowner is the owner of record of the real property located in <u>Charles City</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 auti	norized to rece	ive biosolids, w	ater treatment residua	als or other industrial sludges				
<u>Tax Parcel ID</u>	<u>Tax Pa</u>	arcel ID	<u>Tax Parcel ID</u>	Tax Parcel ID				
56-21								
56-51								
Additional parcels containing Land	Application Sites a	re identified on Su	pplement A (check if applica	able)				
Check one: The Lar	ndowner is the ndowner is one	sole owner of t of multiple ow	he properties identifie ners of the properties	d herein. identified herein.				
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.								
agricultural sites identified ab inspections on the land identi	The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.							
Class B biosolids Water to Yes □ No X Yes	treatment residu □ No	als <u>Food</u>	I processing waste es 🔲 No	Other industrial sludges X Yes				
Printed name Arthur Duhe		Mailing Address	11801 Farmers Rest	Landowner Signature				
By:		+	Charles City VAZZEZE	arthur R. Duk				
Title*		Phone No. 900	1-241-5629	course of same				
*□ I certify that I have authority	to sign for the lan	downer as indicate	ed by my title as executor.	Trustee or Power of attorney, etc.				
* 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: Notice - Blend, 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 particula	ne Landowner of ir application to t	r me Landowner' he Landowner's	s designee of the propos land. Notice shall includ	sed schedule for land application and le the source of residuals to be applied.				
Printed name	, ,	Mailing Address	P.O Box 38060	Permittee- Authorized Representative				
Bill Burnett			Henrico, VA 23231	Sill Burneth				
Title Office Manager		Phone No.	804-222-7514	But Burnow,				

VIRG	VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT						
Perm	nittee: Nutri-B	lend.Inc.	County or City:	Charles City			
Land	lowner: Arthur	Duke	· · · · · · · · · · · · · · · · · · ·				
	lowner Site Managemer						
	-	•					
	rning the land application			information regarding regulations proper handling and land application of			
restri		ust be complied with aff	ter biosolids have been	ent requirements and site access applied on my property in order to se practices.			
	ee to implement the follow cation of biosolids at the		oractices at each site ur	nder my ownership following the land			
1.	Notification Signs: I will as a biosolids land appl application at that site is	ication site, unless requ	posted by the Permittee rested by the Permittee	for the purpose of identifying my field until at least 30 days after land			
2.	Public Access						
			itial for public exposure	shall be restricted for at least one year			
	 Public access to following any are the site during to 	oplication of biosolids. I his same period of time	No biosolids amended s	shall be restricted for at least 30 days soil shall be excavated or removed from sions are made to prevent public			
	 c. Turf grown on la of biosolids when 		placed on either land wi	rvested for one year after application ith a high potential for public exposure			
3.	Crop Restrictions: a. Food crops with	ı harvested parts that to	ouch the biosolids/soil m	nixture and are totally above the land			
	 b. Food crops with 	harvested parts below		ion of biosolids. shall not be harvested for 20 months the land surface for a time period of			
		months prior to incorpo		shall not be harvested for 38 months			
	when the biosol			d of less than four (4) months prior to			
	incorporation. d. Other food crop	s and fiber crops shall:	not be barvested for 30	days after the application of biosolids;			
		II not be harvested for 3		ation of biosolids (60 days if fed to			
4.	a. Meat producingb. Lactating dairy	application to pasture of livestock shall not be g	grazed for 30 days, azed for a minimum of 6	60 days.			
5.	residuals applications s	uch that the total crop r	eeds for nutrients are r	dinated with the biosolids and industrial not exceeded as identified in the note with §10,1-104,2 of the Code of			

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exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Landowner's Signature

6. 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

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:	NUTRIBLEND INC SITE: Arthur Duke		
County or City:	Charles City		
Tax Parcel ID(s)	(Landowner signatures are not required on this <u>Landowner(s)</u>		
69-10	Arthur Duke Trustee		
56-21	Authur Duke Trustee		
56-22	Authur Duke Trustee		
56-51	Authur Duke Trustee		
56-55	Authur Duke Trustee		
56-56	Authur Duke Trustee		
56-53	Authur Duke Trustee		
45-38	Authur Duke Trustee		
45-39	Authur Duke Trustee		
56-4	Authur Duke Trustee		
56-20	Authur Duke Trustee		
56-50	Arthur Duke Trustee		
56-52	Arthur Duke Trustee		
56-49	Arthur Duke Trustee		
57-6	Arthur Duke Trustee		
57-5	Arthur Duke Trustee		
56-47	Arthur Duke Trustee		
56-46	Arthur Duke Trustee		

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SITE BOOK INFORMATION

COUNTY: Charles City -- VPA00828

SITE BOOK NAME: Duke LOA DATE: TRACT NUMBERS: T-122, T-39, T-108, T-5621, T-564, T-5651

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

LANDOWNER NAME: see landowner coordination form

OPERATORS NAME: Arthur Duke

ADDRESS: 22101 Old Neck Rd

Charles City, VA

TELEPHONE #: 804-241-5629

GENERAL FARM TYPE: Agriculture - Row Crop

			GROSS	
	DEQ CONTROL#	FIELD ID #	ACRES	TAX ID #
1	51036-00010-0000	108-1	11.6	45-38
2	51036-00010-0000	108-2	17.9	45-38, 45-39
3	51036-00010-0000	108-3	3.0	45-38, 45-39
4	51036-00013-0000	108-4	16.0	45-38
5	51036-00024-0000	122-1	8.0	69-10
6	51036-00024-0000	122-2	51.5	
7	51036-00093-0000	39-1	48.7	56-21
8	51036-00093-0000	39-10	25.7	56-22, 56-21, 56-51
9	51036-00095-0000	39-15	39.0	56-55
10	51036-00093-0000	39-17	7.6	
11	51036-00093-0000	39-2	12.0	56-51
12	51036-00093-0000	39-4	17.6	
13	51036-00093-0000	39-5	85.0	56-51
14	51036-00093-0000	39-7	27.3	56-51
15	51036-00101-0000	39-8	43.5	56-55, 56-56, 56-53
16	51036-00093-0000	5621-1	126.0	56-21
17	51036-00249-0000	564-1	41.4	56-4, 56-20
				56-51, 56-49, 56-50,56-52,
				57-4, 57-5, 57-6, 56-46, 56
18	51036-00250-0000	5651-1	357.0	47
19	51036-00251-0000	5651-2	23.0	56-46, 56-47
		TOTAL GROSS ACRES	961.8	



FIELD DATA SHEET

SITE NAME: Duke TRACT: T-122, T-39, T-108, T-564, T-5651

	FIELD	GROSS	FIELD	FIELD COORDINATES		OWNER
	#	ACRES	TYPE	LATITUDE	LONGITUDE	OWNER
1	108-1	11.6	Row Crop	37.358	-76.972	Arthur Duke Trustee
2	108-2	17.9	Row Crop	37.358	-76.972	Arthur Duke Trustee
3	108-3	3.0	Row Crop	37.358	-76.972	Arthur Duke Trustee
4	108-4	16.0	Row Crop	37.358	-76.972	Arthur Duke Trustee
5	122-1	8.0	Row Crop	37.305	-76.969	Arthur Duke Trustee
6	122-2	51.5	Row Crop	37.305	-76.969	Arthur Duke Trustee
7	39-1	48.7	Row Crop	37.330	-76.972	Arthur Duke Trustee
8	39-10	25.7	Row Crop	37.330	-76.972	Arthur Duke Trustee
9	39-15	39.0	Row Crop	37.330	-76.972	Arthur Duke Trustee
10	39-17	7.6	Row Crop	37.330	-76.972	Arthur Duke Trustee
11	39-2	12.0	Row Crop	37.330	-76.972	Arthur Duke Trustee
12	39-4	17.6	Row Crop	37.330	-76.972	Arthur Duke Trustee
13	39-5	85.0	Row Crop	37.330	-76.972	Arthur Duke Trustee
14	39-7	27.3	Row Crop	37.330	-76.972	Arthur Duke Trustee
15	39-8	43.5	Row Crop	37.330	-76.972	Arthur Duke Trustee
16	5621-1	126.0	Silviculture	37.327	-76.977	Arthur Duke Trustee
17	564-1	41.4	Silviculture	37.335	-76.923	Arthur Duke Trustee
18	5651-1	357.0	Silviculture	37.326	-76.951	Arthur Duke Trustee
19	5651-2	23.0	Silviculture	37.326	-76.951	Arthur Duke Trustee
	TOTAL	961.8				



Parcel ID 5621 Alternate 4238 Owner DUKE, ARTHUR RICHARD Last 2 Sales Sec/Twp/Rng n/a ID Address 11801 FARMERS REST Date Price Reason Qual 11680 ADAMS BRIDGE VACANT 8/14/2007 0 U Property Class ROAD n/a ROAD CHARLES CITY, VA 23030 Address Acreage 208.92 n/a 0 n/a n/a **CHARLES CITY**

District CHICKAHOMINY

Brief Tax Description FARMERS REST SHPB3 IN14-133 WB33-586,594 DB242-1018,260-332

(Note: Not to be used on legal documents)

Date created: 8/18/2021 Last Data Uploaded: 8/18/2021 1:54:13 AM

Developed by Schneider





Parcel ID 5622 Sec/Twp/Rng n/a

Property MEMORIAL HWY Address

17000 JOHN TYLER

Class Acreage 13.75 **CHARLES CITY**

Alternate 4239 **DWELLING**

Owner Address DUKE, ARTHUR RICHARD, TRUSTEE 11801 FARMERS REST ROAD

CHARLES CITY, VA 23030

Last 2 Sales Date Price Reason Qual 12/11/2007 0 n/a U n/a 0 n/a n/a

District

CHICKAHOMINY

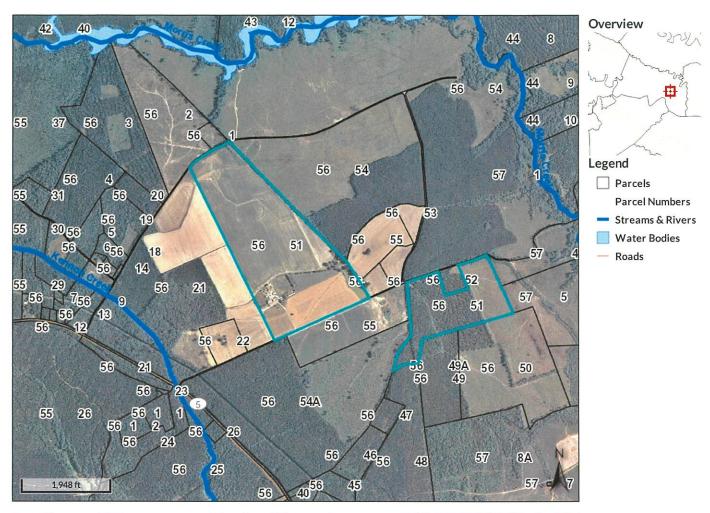
Brief Tax Description

FARMERS REST DB44-470,82-603 WB33-586,594 IN#18-795

(Note: Not to be used on legal documents)

Date created: 8/18/2021 Last Data Uploaded: 8/18/2021 1:54:13 AM





Parcel ID 5651 Alternate 4268 Owner DUKE, ARTHUR RICHARD Last 2 Sales Sec/Twp/Rng n/a Address 11801 FARMERS REST Date Price Reason Qual Property 22101 OLD NECK Class **DWELLING** ROAD 8/14/2007 0 n/a U Address ROAD Acreage 210 CHARLES CITY, VA 23030 n/a 0 n/a n/a **CHARLES CITY**

District CHICKAHOMINY

Brief Tax Description FARMERS REST DB 20-30 DB 21-305 WB 11-377 WB33-586,594

(Note: Not to be used on legal documents)

Date created: 8/18/2021 Last Data Uploaded: 8/18/2021 1:54:13 AM





Parcel ID Sec/Twp/Rng n/a Property Address 0

5655 Alternate ID 4271 Class Acreage

VACANT 80.39

Owner Address DUKE, ARTHUR RICHARD, TRUSTEE 11801 FARMERS REST ROAD CHARLES CITY, VA 23030

Last 2 Sales Date

n/a

Price Reason Qual 12/11/2007 0 n/a 0 n/a n/a

District Brief

CHICKAHOMINY

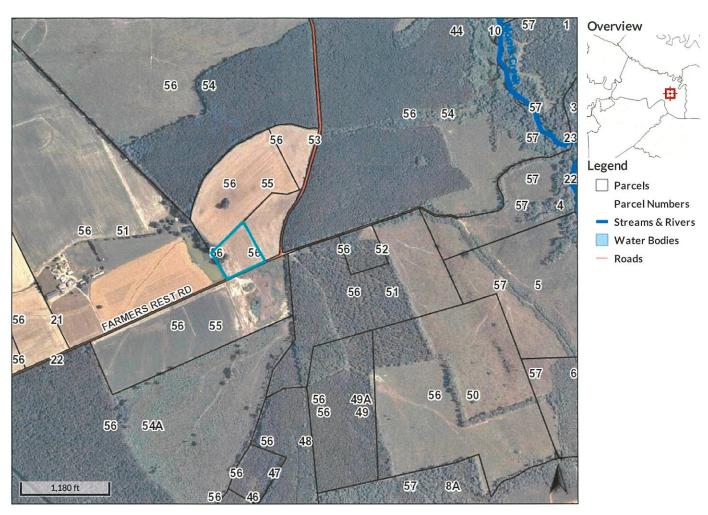
Tax Description

FARMINGTON DB82-603 WB33-586,594 IN#18-795

(Note: Not to be used on legal documents)

Date created: 8/18/2021 Last Data Uploaded: 8/18/2021 1:54:13 AM

Developed by Schneider



Parcel ID 5656
Sec/Twp/Rng n/a
Property 17010 JOHN TYLER
Address MEMORIAL HWY
CHARLES CITY

Alternate 4270 Owner ID Address Class IMPROVE Acreage 5

DUKE, ARTHUR RICHARD, TRUSTEE 11801 FARMERS REST ROAD CHARLES CITY, VA 23030

 Date
 Price
 Reason
 Qual

 12/11/2007
 0
 n/a
 U

 n/a
 0
 n/a
 n/a

District CHICKAHOMINY

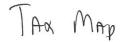
Brief Tax Description

FARMINGTON WB33-586,594 DB82-600 IN#18-795

(Note: Not to be used on legal documents)

Date created: 8/18/2021 Last Data Uploaded: 8/18/2021 1:54:13 AM







Parcel ID 5653 Sec/Twp/Rng n/a Property Address 0

Alternate ID 5829 Class

VACANT 14.21

Owner Address DUKE, ARTHUR RICHARD TRUSTEE 11801 FARMERS REST ROAD CHARLES CITY, VA 23030

Last 2 Sales

Date Price Reason Qual 12/30/2004 0 n/a U 0 n/a n/a

District Brief

CHICKAHOMINY

Acreage

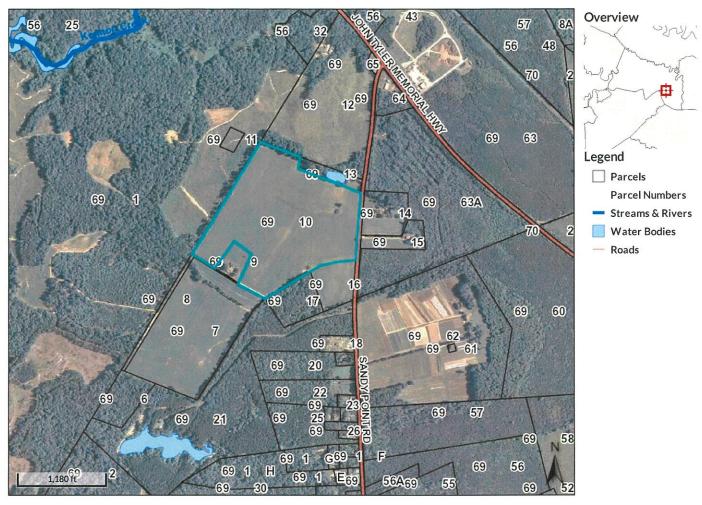
Tax Description

FARMINGTON 34-77L PS#177 DB 106-343

(Note: Not to be used on legal documents)

Date created: 8/18/2021 Last Data Uploaded: 8/18/2021 1:54:13 AM





Parcel ID 69 10 Sec/Twp/Rng n/a Property Address 0

Alternate ID 4363 Class Acreage

VACANT 57

Owner Address DUKE, ARTHUR RICHARD TRUSTEE

11801 FARMERS REST ROAD CHARLES CITY, VA 23030

Last 2 Sales

Date Price Reason Qual 12/30/2004 0 U n/a n/a 0 n/a

District Brief

CHICKAHOMINY

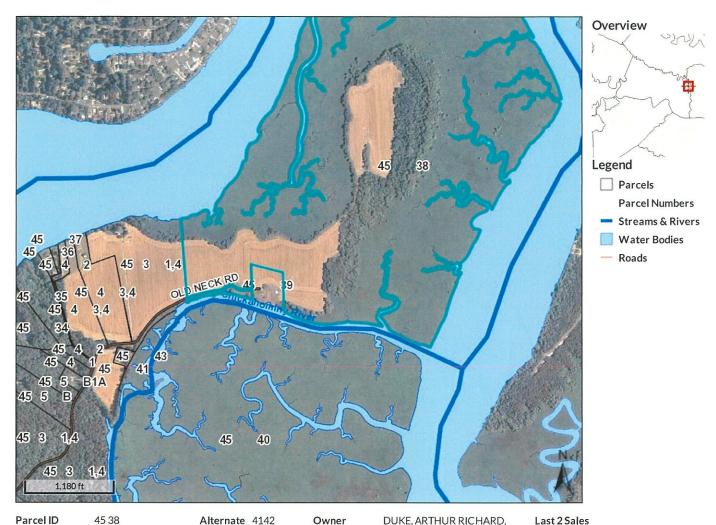
Tax Description

PT. OF FAIRFIELD DB 66-191 DB 130-234

(Note: Not to be used on legal documents)

Date created: 8/18/2021 Last Data Uploaded: 8/18/2021 1:54:13 AM





Alternate 4142 Last 2 Sales Sec/Twp/Rng Date n/a Address **TRUSTEE** Price Reason Qual 22100 OLD NECK **DWELLING** Property Class 11801 FARMERS REST ROAD 12/11/2007 0 n/a U Address **ROAD** Acreage 130.25 CHARLES CITY, VA 23030 n/a 0 n/a n/a **CHARLES CITY**

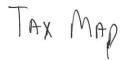
District CHICKAHOMINY

Brief
Tax Description
CHICKAHOMINY RIVER DB31-179 IN#18-795 WB33-586,594,17-206

(Note: Not to be used on legal documents)

Date created: 8/18/2021 Last Data Uploaded: 8/18/2021 1:54:13 AM







Sec/Twp/Rng Property

Parcel ID

Address

45 39 n/a

ROAD

CHARLES CITY

22101 OLD NECK

Alternate 4143 Class

Acreage

Address **DWELLING** 3.75

Owner

DUKE, ARTHUR RICHARD, TRUSTEE 11801 FARMERS REST ROAD

CHARLES CITY, VA 23030 n/a

Last 2 Sales Date 12/11/2007 0

0

Price Reason Qual n/a U n/a n/a

District

Brief

CHICKAHOMINY

Tax Description

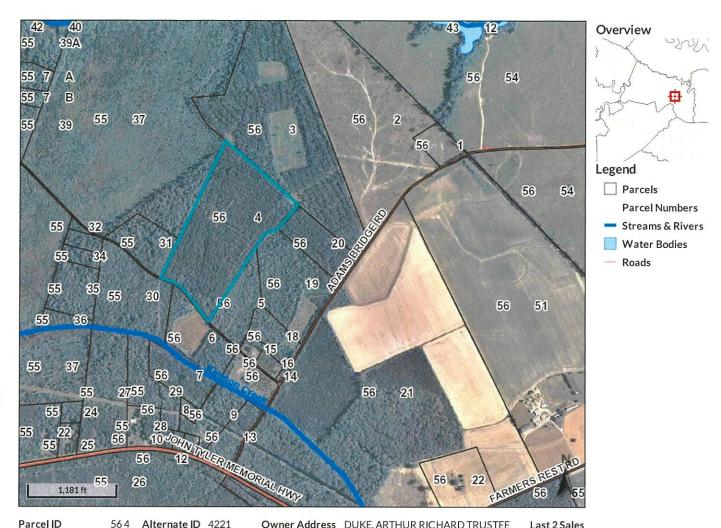
CHICKAHOMINY RIVER IN#07-967,18-795 WB33-586,594,DB41-155

(Note: Not to be used on legal documents)

Date created: 8/18/2021 Last Data Uploaded: 8/18/2021 1:54:13 AM



qPublic.net[™] Charles City County, VA



Parcel ID Sec/Twp/Rng Property Address 0

n/a

Class Acreage

VACANT 31.36

Owner Address DUKE, ARTHUR RICHARD TRUSTEE 11801 FARMERS REST ROAD CHARLES CITY, VA 23030

Last 2 Sales Date

Price Reason Qual 12/30/2004 0 n/a U n/a n/a n/a

District Brief

CHICKAHOMINY

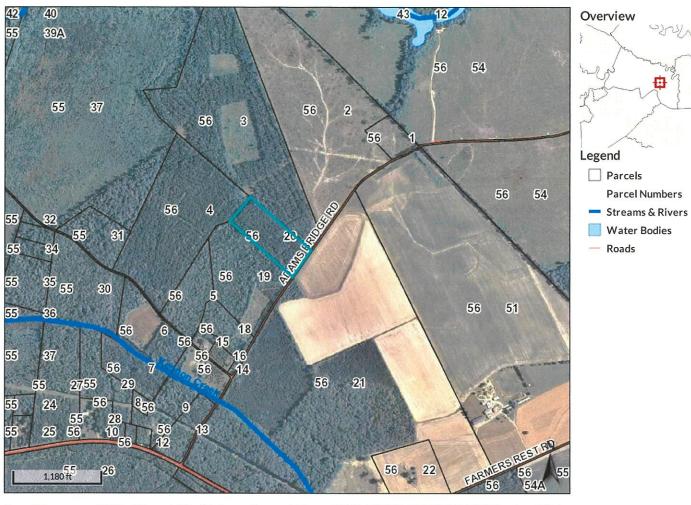
Tax Description

LEONARDS PS#30, DB 74-538 DB 70-538

(Note: Not to be used on legal documents)

Date created: 9/15/2021 Last Data Uploaded: 9/15/2021 1:54:22 AM

Developed by Schneider



Parcel ID Sec/Twp/Rng n/a Property Address 0

5620 Alternate ID 4237

Class Acreage VACANT 10

Owner Address DUKE, ARTHUR RICHARD TRUSTEE 11801 FARMERS REST ROAD CHARLES CITY, VA 23030

TAX MAP

Last 2 Sales Date

Price Reason Qual 12/30/2004 0 n/a U 0 n/a n/a

District Brief

CHICKAHOMINY

Tax Description

FARMER REST DB 67-731 DB 229-1091

(Note: Not to be used on legal documents)

Date created: 9/15/2021 Last Data Uploaded: 9/15/2021 1:54:22 AM





Parcel ID56 21Alternate4238OwnerDUKE, ARTHUR RICHARDLast 2 SalesSec/Twp/Rngn/aIDAddress11801 FARMERS RESTDatePriceReasonQual

Property 11680 ADAMS BRIDGE Class **VACANT ROAD** 8/14/2007 0 n/a U Address ROAD Acreage 208.92 CHARLES CITY, VA 23030 n/a n/a n/a **CHARLES CITY**

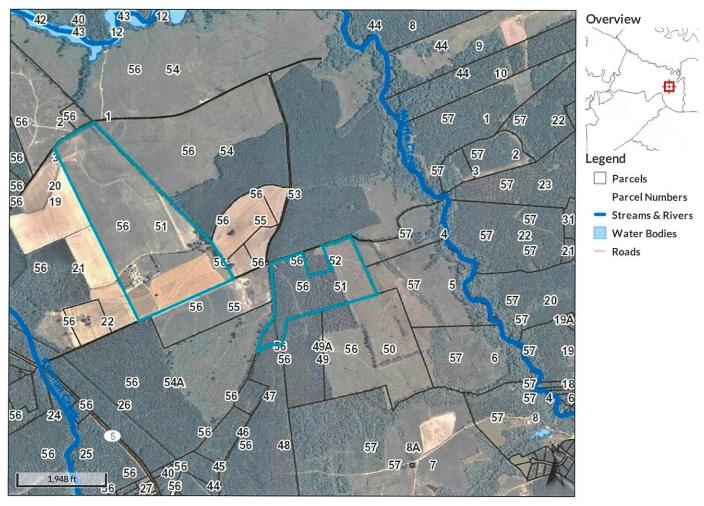
District CHICKAHOMINY

Brief Tax Description FARMERS REST SHPB3 IN14-133 WB33-586,594 DB242-1018,260-332

(Note: Not to be used on legal documents)

Date created: 9/15/2021 Last Data Uploaded: 9/15/2021 1:54:22 AM





5651 Parcel ID Alternate 4268 Owner DUKE, ARTHUR RICHARD Last 2 Sales Sec/Twp/Rng Address 11801 FARMERS REST Date Price Reason Qual Property 22101 OLD NECK Class **DWELLING ROAD** 8/14/2007 0 n/a U CHARLES CITY, VA 23030 Address **ROAD** Acreage 210 n/a 0 n/a n/a **CHARLES CITY**

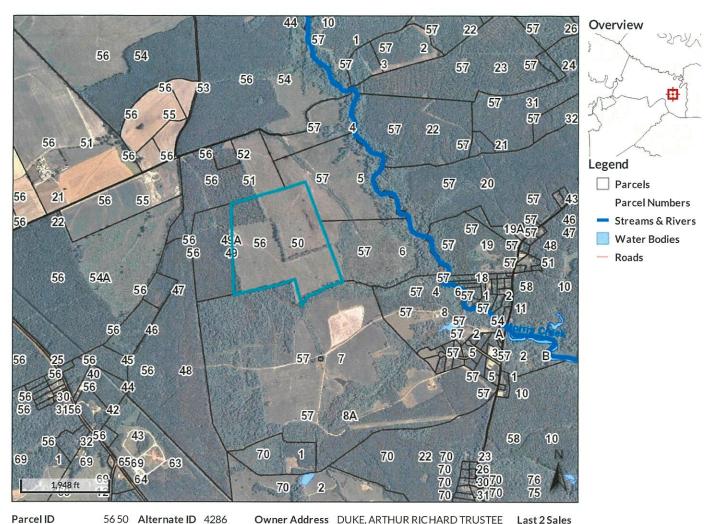
District CHICKAHOMINY

Brief Tax Description FARMERS REST DB 20-30 DB 21-305 WB 11-377 WB33-586,594

(Note: Not to be used on legal documents)

Date created: 9/15/2021 Last Data Uploaded: 9/15/2021 1:54:22 AM

Developed by Schneider



Sec/Twp/Rng Property Address 0

5650 Alternate ID 4286 Class

Acreage

VACANT 55.5

Owner Address DUKE, ARTHUR RICHARD TRUSTEE 22101 OLD NECK ROAD CHARLES CITY VA 23030

Last 2 Sales Date

Reason Qual Price 12/22/2009 \$83280 n/a U n/a n/a

District Brief

CHICKAHOMINY

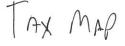
Tax Description

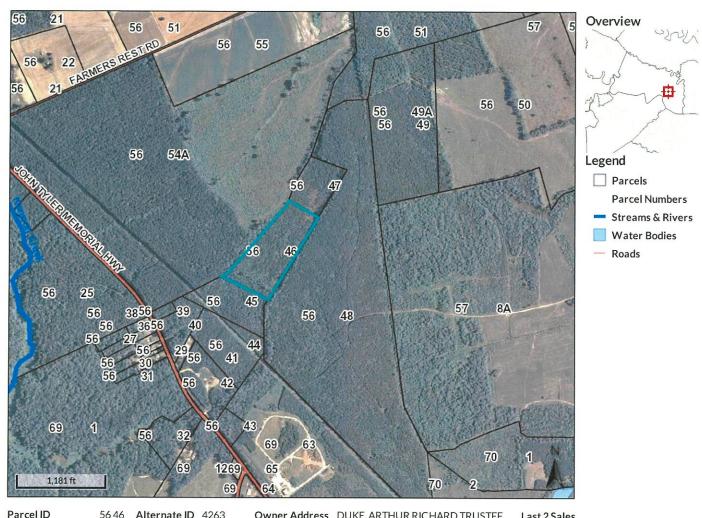
RURAL SHADES DB 87-512 WB 24-189

(Note: Not to be used on legal documents)

Date created: 9/15/2021 Last Data Uploaded: 9/15/2021 1:54:22 AM

Developed by Schneider





Sec/Twp/Rng Property Address 0

56 46 Class

Alternate ID 4263 VACANT Acreage 25

Owner Address DUKE, ARTHUR RICHARD TRUSTEE 11801 FARMERS REST CHARLES CITY, VA 23030

Last 2 Sales

Date Price Reason Qual 12/30/2004 0 n/a U 0 n/a n/a

District Brief

CHICKAHOMINY

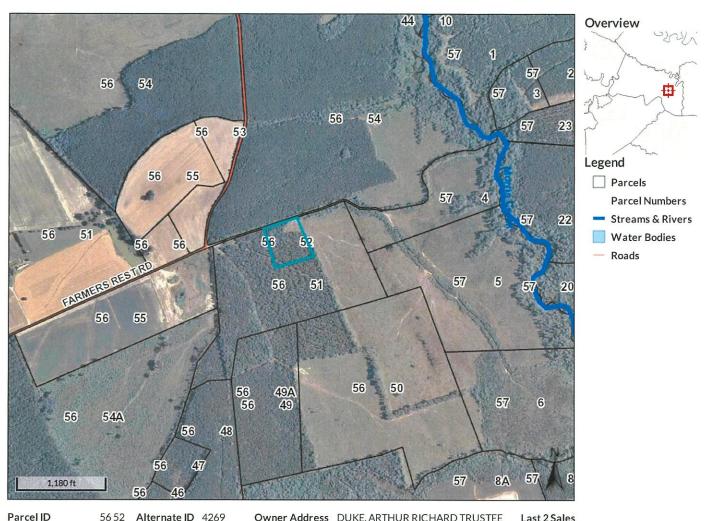
Tax Description

FARMINGTON DB 12-412, DB 101-646 DB 105-282 DB 100-640

(Note: Not to be used on legal documents)

Date created: 9/15/2021 Last Data Uploaded: 9/15/2021 1:54:22 AM

Developed by Schneider



Sec/Twp/Rng Property Address 0

56 52 Alternate ID 4269

Class Acreage **VACANT** 5

Owner Address DUKE, ARTHUR RICHARD TRUSTEE 11801 FARMERS REST ROAD CHARLES CITY, VA 23030

Last 2 Sales Date

Price Reason Qual 12/30/2004 0 n/a U n/a n/a

District Brief

CHICKAHOMINY

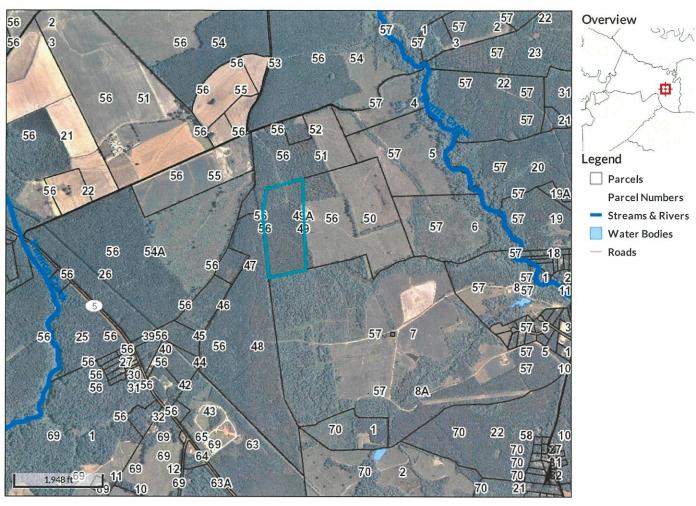
Tax Description

FARMERS REST DB 30A-383 DB 25-204 DB 21-115, DB 73-523

(Note: Not to be used on legal documents)

Date created: 9/15/2021 Last Data Uploaded: 9/15/2021 1:54:22 AM

Developed by Schneider



Parcel ID Sec/Twp/Rng Property Address 0

5649

Alternate ID 4267 Class Acreage

VACANT 30

Owner Address DUKE, ARTHUR RICHARD, TRUSTEE 11801 FARMERS REST ROAD CHARLES CITY, VA 23030

Last 2 Sales Date 12/11/2007 0

Price Reason Qual n/a U n/a n/a

District Brief

CHICKAHOMINY

Tax Description

NR. FOREST HILL DB82-603 WB33-586,594 IN#18-795

(Note: Not to be used on legal documents)

Date created: 9/15/2021 Last Data Uploaded: 9/15/2021 1:54:22 AM

Developed by Schneider



Sec/Twp/Rng Property Address 0

Alternate ID 4264 Class **VACANT** Acreage 6

Owner Address DUKE, ARTHUR RICHARD TRUSTEE 11801 FARMERS RESTROAD CHARLES CITY, VA 23030

Last 2 Sales Date Price Reason Qual 12/30/2004 0 n/a U 0 n/a n/a

District Brief

CHICKAHOMINY

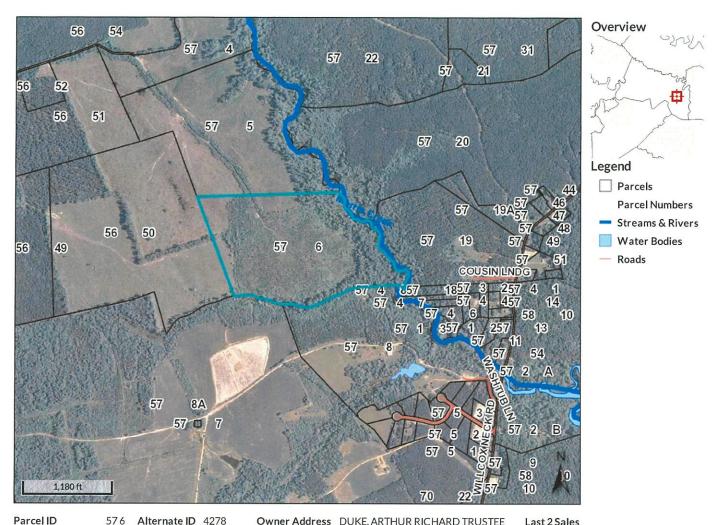
Tax Description

SUNNY DELL DB 47-313 DB 82-600 DB 242-1016

(Note: Not to be used on legal documents)

Date created: 9/15/2021 Last Data Uploaded: 9/15/2021 1:54:22 AM





Sec/Twp/Rng Property Address 0

576 n/a

Alternate ID 4278 Class Acreage

VACANT 36

Owner Address DUKE, ARTHUR RICHARD TRUSTEE 11801 FARMERS REST ROAD CHARLES CITY, VA 23030

Last 2 Sales Date 12/30/2004 0

Price Reason Qual n/a U n/a n/a

District Brief

CHICKAHOMINY

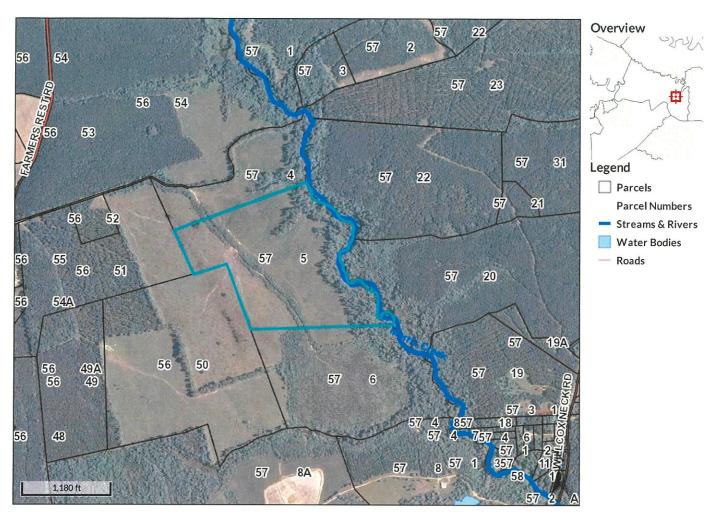
Tax Description

MOSES CREEK DB 50-94 DB 129-254 DB 130-80

(Note: Not to be used on legal documents)

Date created: 9/15/2021 Last Data Uploaded: 9/15/2021 1:54:22 AM





Parcel ID Sec/Twp/Rng Property Address 0

575 n/a

Alternate ID 4277 Class Acreage

VACANT 52.5

Owner Address DUKE, ARTHUR RICHARD, TRUSTEE 11801 FARMERS REST ROAD CHARLES CITY, VA 23030

Last 2 Sales Date

Price Reason Qual 12/11/2007 0 n/a U n/a n/a

District Brief

CHICKAHOMINY

Tax Description

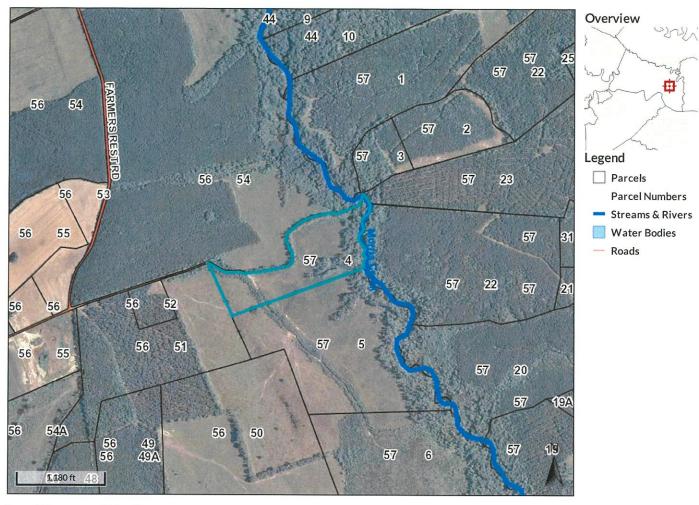
MOSES CREEK WB 14-280 WB33-586,594 IN#18-795

(Note: Not to be used on legal documents)

Date created: 9/15/2021

Last Data Uploaded: 9/15/2021 1:54:22 AM





Parcel ID Sec/Twp/Rng Property Address 0

n/a

Alternate ID 4276 Class Acreage

VACANT 26.25

Owner Address DUKE, ARTHUR RICHARD, TRUSTEE 11801 FARMERS REST ROAD CHARLES CITY, VA 23030

Last 2 Sales Date

n/a

Price Reason Qual 12/11/2007 0 n/a 0 n/a

U

n/a

District Brief

CHICKAHOMINY

Tax Description

MOSES CREEK WB14-280 WB33-586,594

(Note: Not to be used on legal documents)

TAX MAP

Date created: 9/15/2021 Last Data Uploaded: 9/15/2021 1:54:22 AM



MAP KEY

Highlighted Roads
Show Haul Route (Road Map)

Property Line

100 ft Buffer



100 ft without Veg Buffer 35 ft with Veg Buffer

50 ft Buffer

Field Boundary

rck Rock Outcrop

H/W

PAS

PWS

CEM

Slope 15% Max

Sink Hole 100 ft Buffer

Intermittant Stream Refer tp Water and PWS setbacks

House/Well 200 ft Buffer

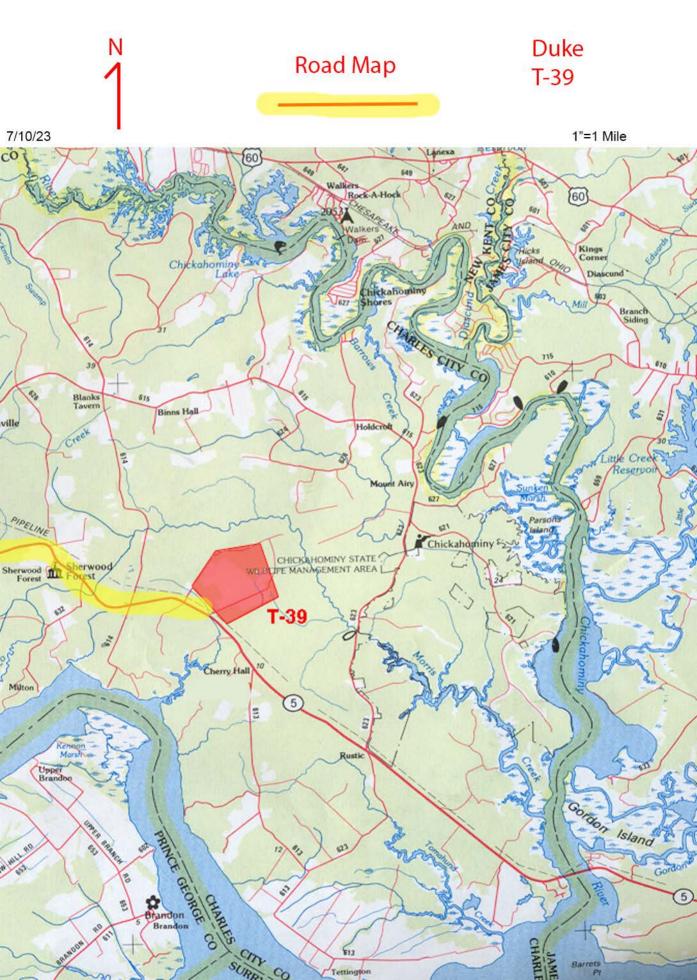
Publicly Accessible Site 200 ft from Property Line 400 ft from PAS

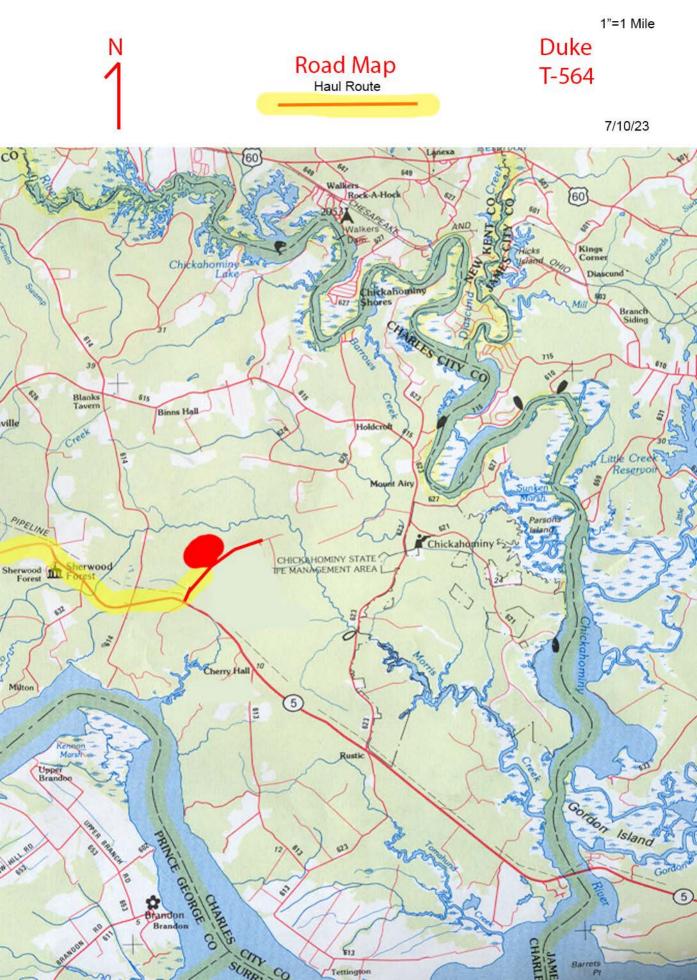
Public Water Supply
400 ft from Reservoir
100 ft stream/tributary

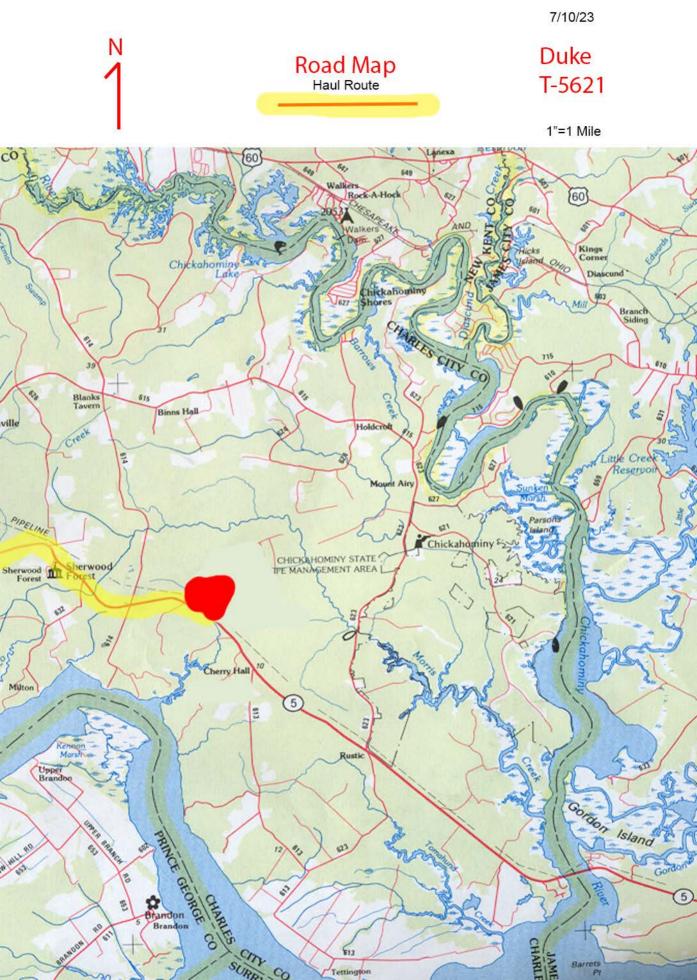
All Improved Roadways 10 Ft Buffer

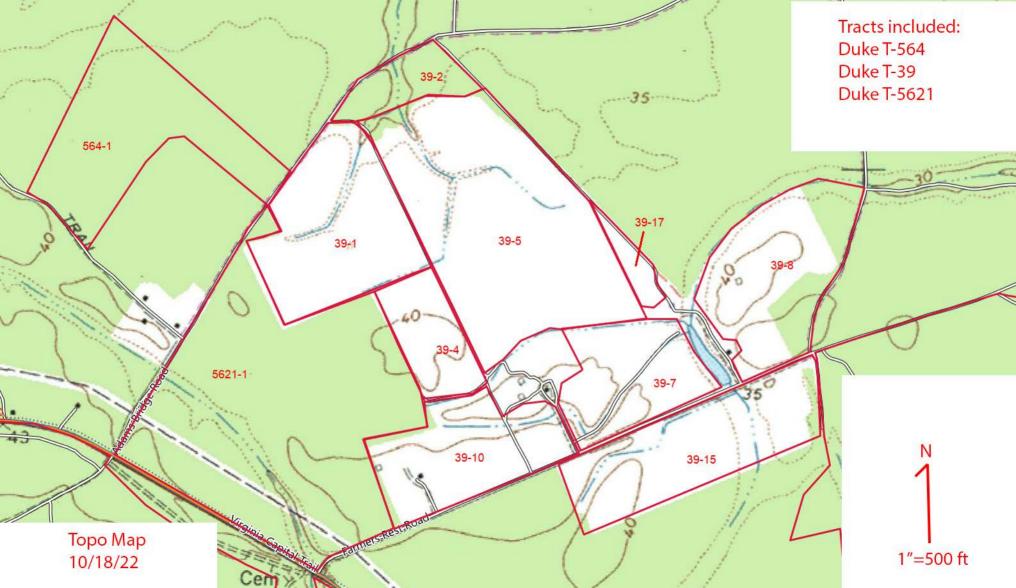
Water Supply Well or Spring 100 Ft Buffer

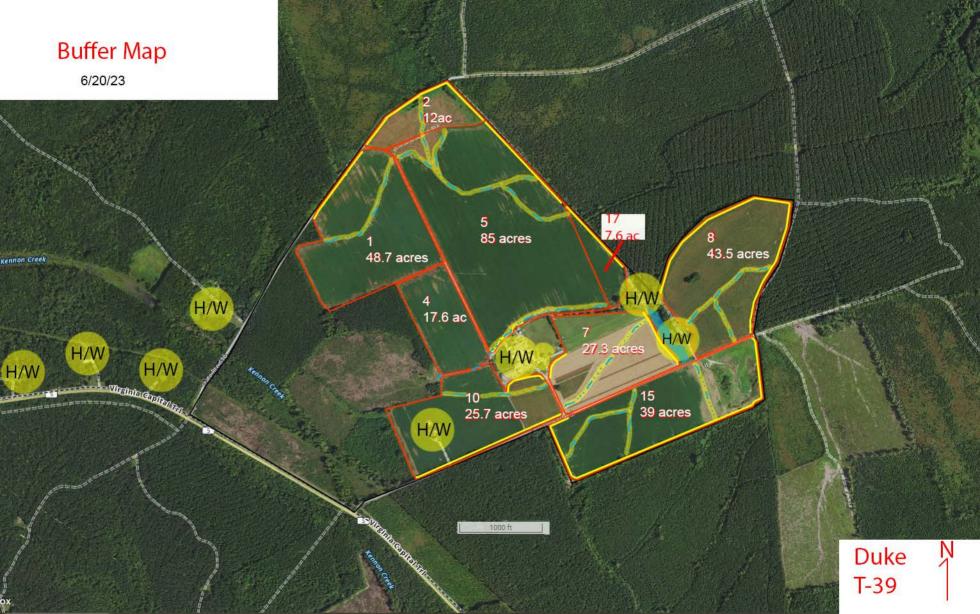
Cemetery

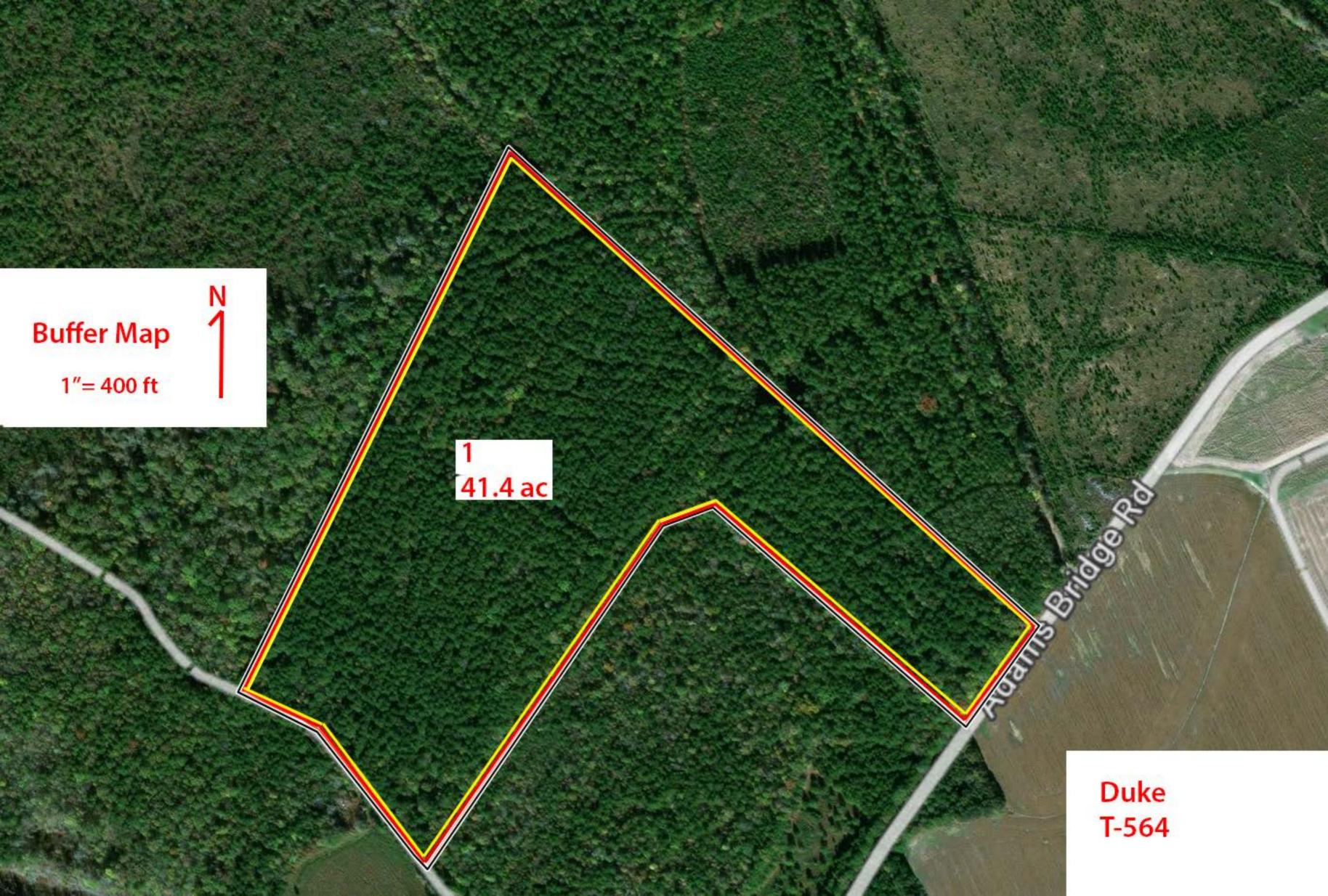


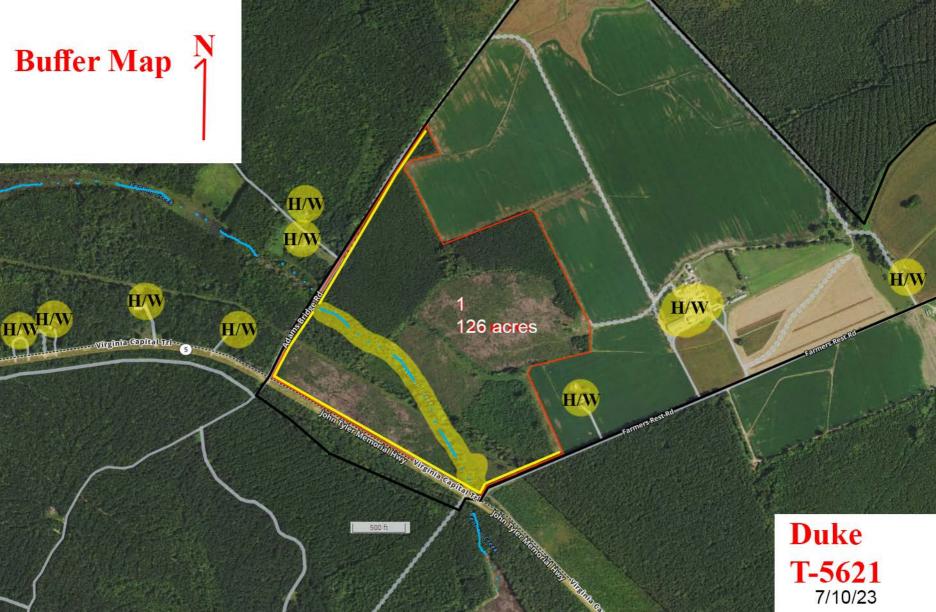


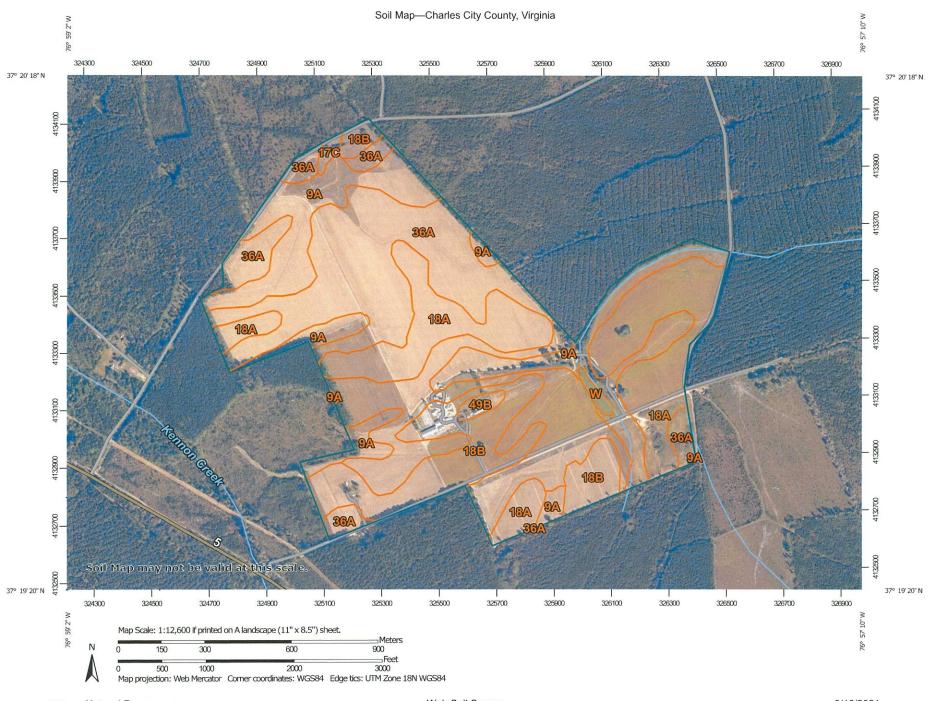












Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Lines



Soil Map Unit Points

Special Point Features

(e) Blowout

Borrow Pit

溪 Clay Spot

Closed Depression

.. Gravelly Spot

Landfill

Marsh or swamp

Mine or Quarry

(i) Miscellaneous Water

Perennial Water

√ Rock Outcrop

្នំ្ធំ Sandy Spot

Severely Eroded Spot

Sodic Spot

Sinkhole

🔈 Slide or Slip

Ø

Spoil Area

Stony Spot

Very Stony Spot

y Wet Spot

△ Other

Special Line Features

Water Features

Streams and Canals

Transportation

Rails

Interstate Highways

Security Section

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.

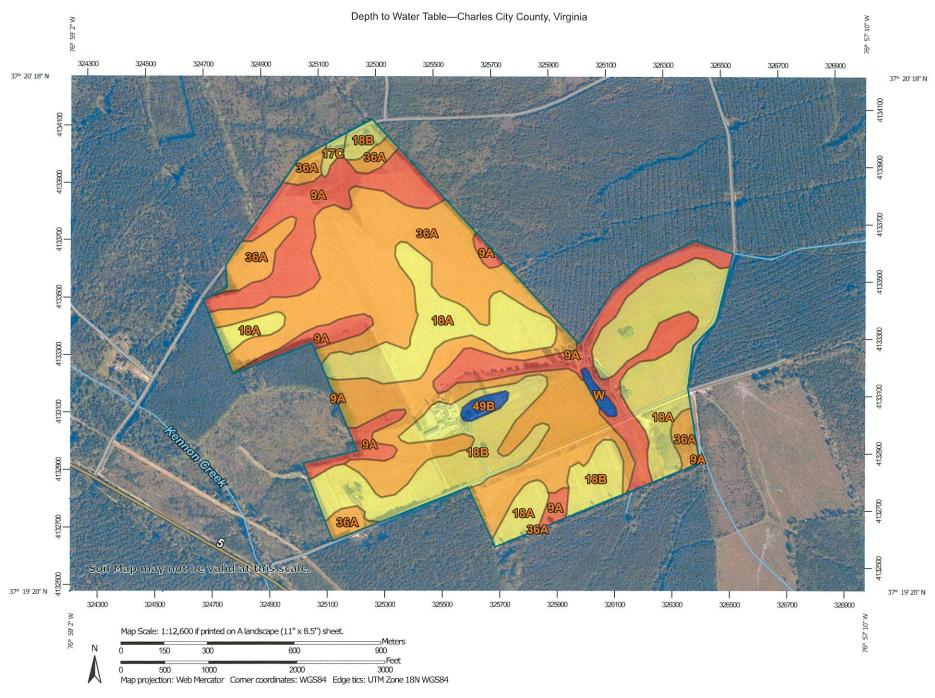
This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

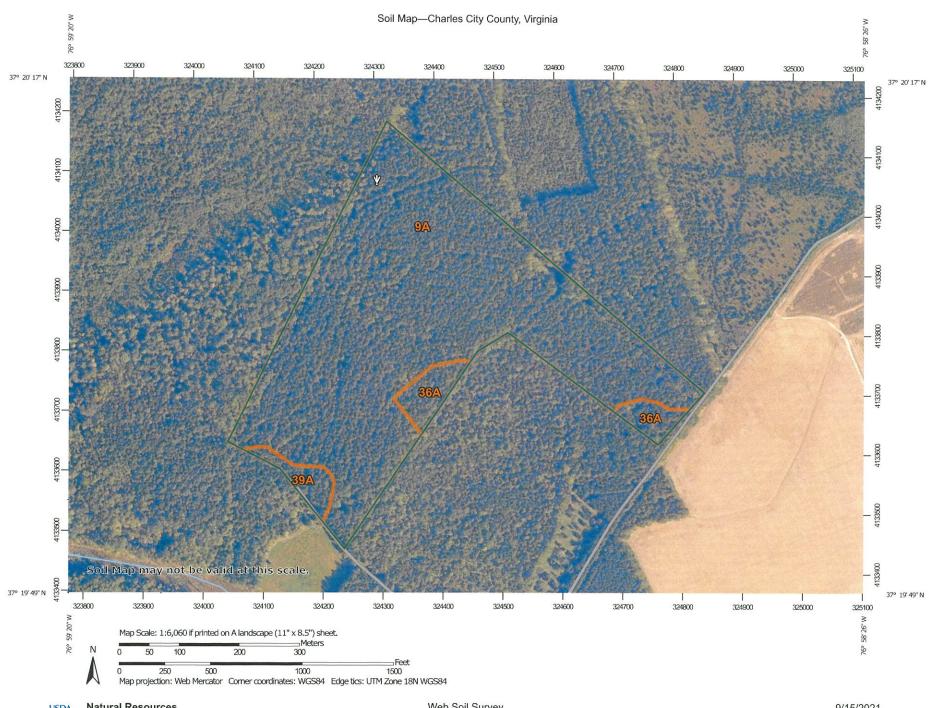
Soil Survey Area: Charles City County, Virginia Survey Area Data: Version 15, Jun 3, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 11, 2019—Oct 15, 2019

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
9A	Chickahominy loam, 0 to 2 percent slopes	76.7	21.1%
17C	Craven-Uchee complex, 6 to 10 percent slopes	1.6	0.4%
18A	Dogue silt loam, 0 to 2 percent slopes	81.6	22.4%
18B	Dogue silt loam, 2 to 6 percent slopes	48.7	13.4%
36A	Newflat silt loam, 0 to 2 percent slopes	151.5	41.6%
49B	Wickham fine sandy loam, 2 to 6 percent slopes	2.4	0.7%
W	Water	1.7	0.5%
Totals for Area of Interest		364.1	100.0%





0

Δ

Water Features

Transportation

Background

Spoil Area

Stony Spot

Wet Spot

Other

Rails

US Routes

Major Roads

Local Roads

Very Stony Spot

Special Line Features

Streams and Canals

Interstate Highways

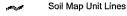
Aerial Photography

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Points

Special Point Features

(c) Blowout

Borrow Pit

溪 Clay Spot

Closed Depression

🤾 Gravel Pit

Gravelly Spot

Landfill

A Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

Saline Spot

. Sandy Spot

Severely Eroded Spot

Sinkhote

Slide or Slip

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.

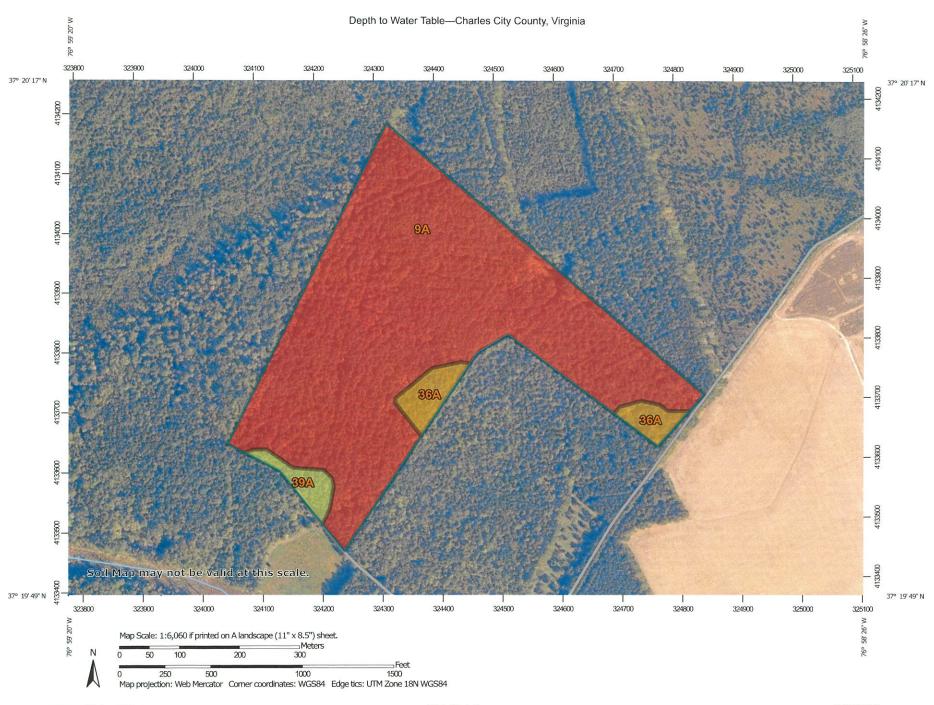
This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Charles City County, Virginia Survey Area Data: Version 15, Jun 3, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 11, 2019—Oct 15, 2019

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
9A	Chickahominy loam, 0 to 2 percent slopes	49.8	92.0%
36A	Newflat silt loam, 0 to 2 percent slopes	2.9	5.4%
39A	Peawick silt loam, 0 to 2 percent slopes	1.4	2.6%
Totals for Area of Interest	,	54,2	100.0%



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

Water Features

Streams and Canals

Transportation

Rails

Interstate Highways

US Routes

Major Roads Local Roads

Background

Aerial Photography

Soil Rating Lines

0 - 25

25 - 50

50 - 100

100 - 150

150 - 200

Not rated or not available

Not rated or not available

Soil Rating Points

0 - 25

25 - 50

50 - 100

100 - 150

150 - 200

> 200

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)

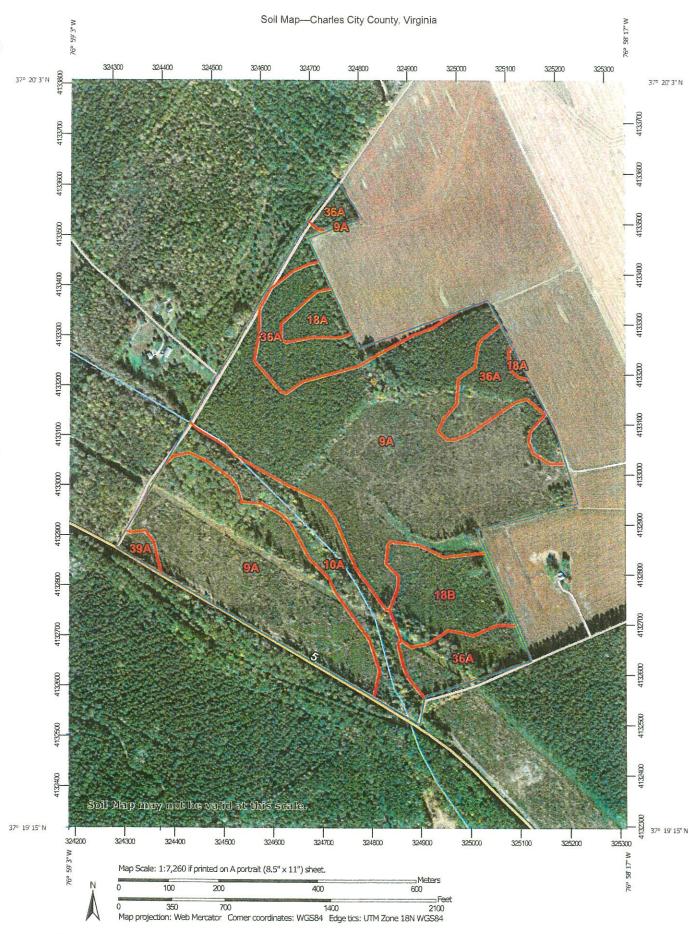
Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

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

Soil Survey Area: Charles City County, Virginia Survey Area Data: Version 15, Jun 3, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 11, 2019—Oct 15, 2019



Area of Interest (AOI) Soils Soil Map Unit Polygons Soil Map Unit Lines Soil Map Unit Points **100** Special Point Features Blowout (0) Borrow Pit Clay Spot Э× Closed Depression \Diamond 36 Grave! Pit Gravelly Spot Landfill Lava Flow Marsh or swamp Mine or Quarry $\phi_{i,j}^{\rm max}$ Miscellaneous Water Perennial Water Rock Outcrop Saline Spot Sandy Spot Severely Eroded Spot ويسيق Sinkhole Slide or Slip

Sodic Spot

Area of Interest (AOI)

7,44.7	Spoil Area
Ô	Stony Spot
B	Very Stony Spot
26	Wet Spot

Other

ಎ ... Special Line Features

Water Features Streams and Canals

Transportation

Raits Interstate Highways

US Routes Major Roads

Background

Aerial Photography

Local Roads

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.

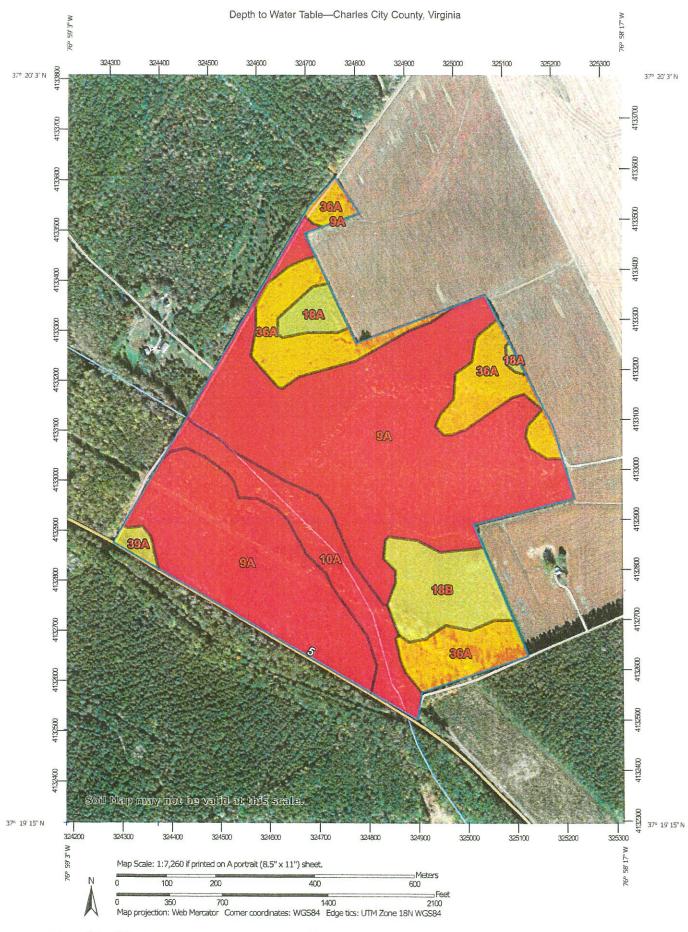
This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Charles City County, Virginia Survey Area Data: Version 12, Oct 2, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 17, 2016—Nov 22, 2016

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
9A	Chickahominy loam, 0 to 2 percent slopes	79.8	63.5%
10A	Chickahominy loam, 0 to 2 percent slopes, ponded	11.8	9.4%
18A	Dogue silt loam, 0 to 2 percent slopes	2.7	2.1%
18B	Dogue silt loam, 2 to 6 percent slopes	9.3	7.4%
36A	Newflat silt loam, 0 to 2 percent slopes	21.0	16.7%
39A	Peawick silt loam, 0 to 2 percent slopes	1.0	0.8%
Totals for Area of Interest		125.6	100.0%



Area of Int	erest (AOI)		Not rated or not available
	Area of Interest (AOI)	Water Feat	tures
Soils		. • • •	Streams and Canals
	ng Polygons	Transporta	ition
	0 - 25	***	Rails
	25 - 50	and the same	Interstate Highways
	50 - 100	goat garage	US Routes
	100 - 150		Major Roads
	150 - 200		Local Roads
	> 200	Backgroun	ıd
	Not rated or not available		Aerial Photography
Soll Rati	ng Lines		
ووالتصوي	0 - 25		
***	25 - 50		
# . #	50 - 100		
4 th 124 th	100 - 150		
-	150 - 200		
-	> 200		
* *	Not rated or not available		
Soil Ratio	ng Points		
	0 - 25		
	25 - 50		
	50 - 100		
	100 - 150		
77	150 - 200		
	> 200		

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: Charles City County, Virginia Survey Area Data: Version 12, Oct 2, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 17, 2016—Nov 22, 2016

Depth to Water Table

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
9A	Chickahominy loam, 0 to 2 percent slopes	8	79.8	63.5%
10A	Chickahominy loam, 0 to 2 percent slopes, ponded	8	11.8	9.4%
18A	Dogue silt loam, 0 to 2 percent slopes	61	2.7	2.1%
18B	Dogue silt loam, 2 to 6 percent slopes	61	9.3	7.4%
36A	Newflat silt loam, 0 to 2 percent slopes	31	21.0	16.7%
39A	Peawick silt loam, 0 to 2 percent slopes	61	1.0	0.8%
Totals for Area of Inter	est		125.6	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.

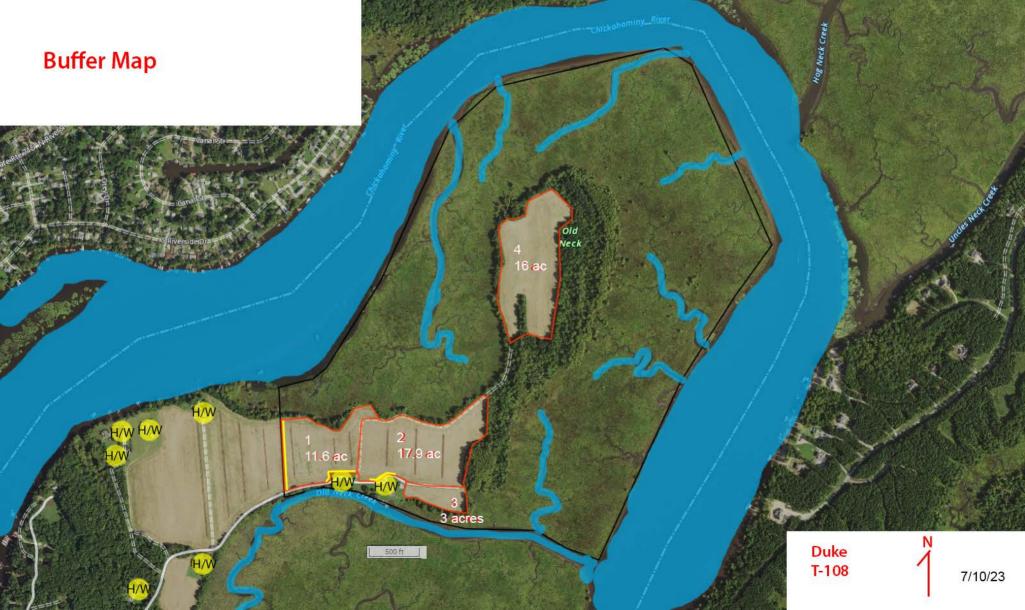
Rating Options

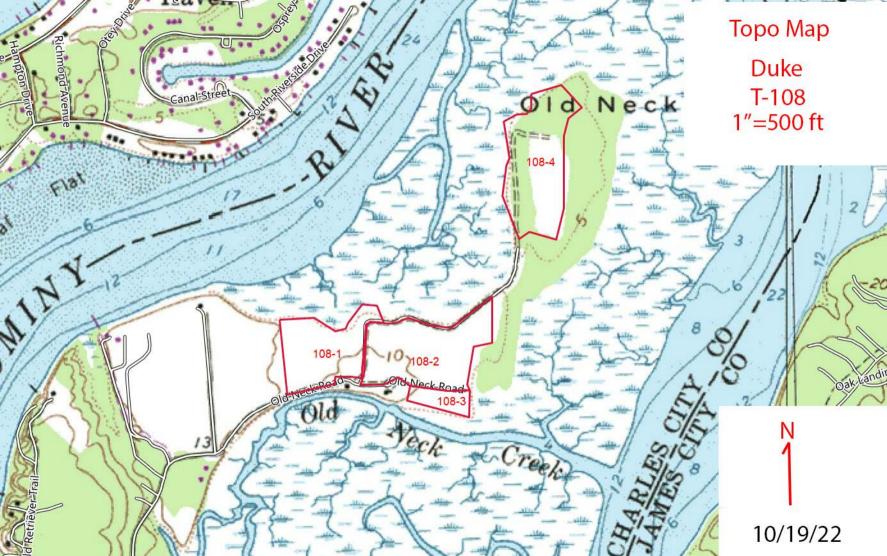
Units of Measure: centimeters

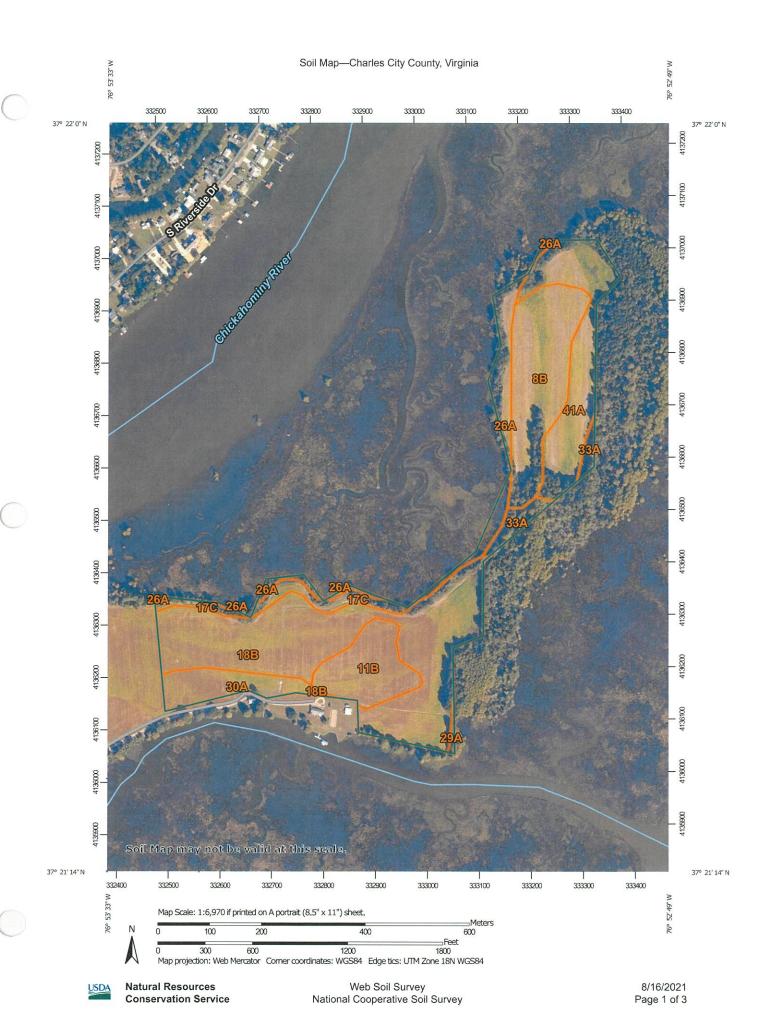
Aggregation Method: Dominant Component Component Percent Cutoff: None Specified

Tie-break Rule: Lower Interpret Nulls as Zero: No Beginning Month: January Ending Month: December

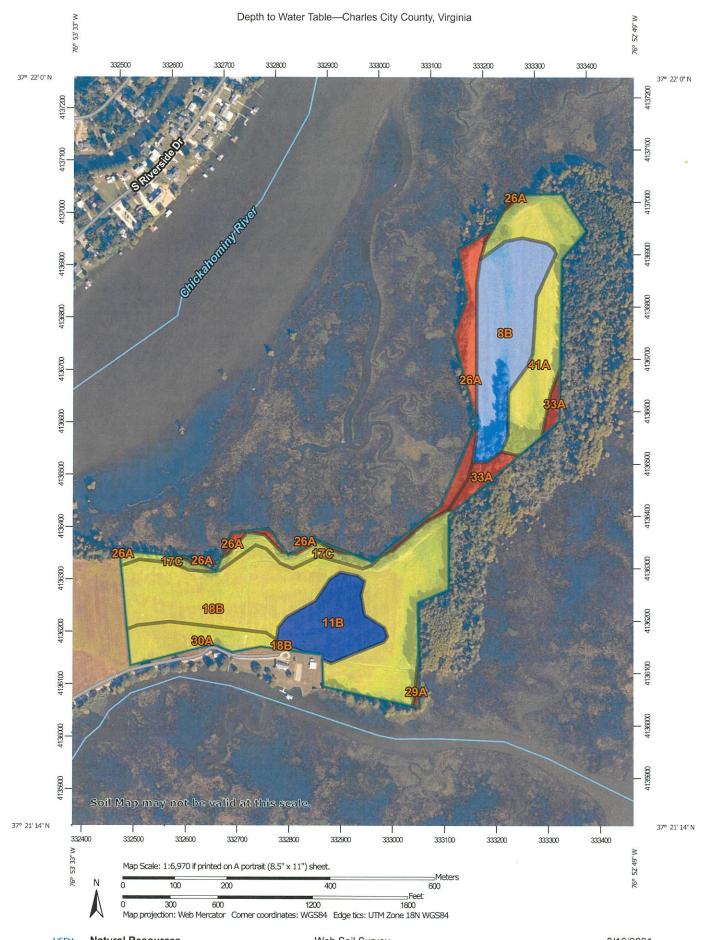








Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
8B	Catpoint loamy sand, 0 to 4 percent slopes	9.8	17.1%
11B	Conetoe loamy sand, 0 to 4 percent slopes	5.2	8.9%
17C	Craven-Uchee complex, 6 to 10 percent slopes	2.4	4.2%
18B	Dogue silt loam, 2 to 6 percent slopes	22.1	38.2%
26A	Lawnes muck, 0 to 1 percent slopes, very frequently flooded	4.2	7.3%
29A	Mattan mucky loam, 0 to 1 percent slopes, very frequently flooded	0.2	0.3%
30A	Munden loamy sand, 0 to 2 percent slopes	3.4	6.0%
33A	Nawney silt loam, 0 to 2 percent slopes, frequently flooded	1.6	2.8%
41A	Seabrook loamy sand, 0 to 2 percent slopes	8.8	15.2%
Totals for Area of Interest		57.7	100.0%



Not rated or not available

Streams and Canals

Interstate Highways

Aerial Photography

MAP LEGEND

Water Features

Transportation

Background

Rails

US Routes

Major Roads

Local Roads

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Rating Polygons

0 - 25

25 - 50

50 - 100

150 - 200

> 200

Not rated or not available

Soil Rating Lines

0 - 25

25 - 50

50 - 100

100 - 150

150 - 200

> 20

Not rated or not available

Soil Rating Points

0 - 25

25 - 50

50 - 100

100 - 150

150 - 200

> 200

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: Charles City County, Virginia Survey Area Data: Version 15, Jun 3, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 11, 2019—Oct 15, 2019

Depth to Water Table

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
8B	Catpoint loamy sand, 0 to 4 percent slopes	152	9.8	17.1%
11B	Conetoe loamy sand, 0 to 4 percent slopes	>200	5.2	8.9%
17C	Craven-Uchee complex, 6 to 10 percent slopes	76	2.4	4.2%
18B	Dogue silt loam, 2 to 6 percent slopes	61	22.1	38.2%
26A	Lawnes muck, 0 to 1 percent slopes, very frequently flooded	0	4.2	7.3%
29A	Mattan mucky loam, 0 to 1 percent slopes, very frequently flooded	0	0.2	0.3%
30A	Munden loamy sand, 0 to 2 percent slopes	61	3.4	6.0%
33A	Nawney silt loam, 0 to 2 percent slopes, frequently flooded	0	1.6	2.8%
41A	Seabrook loamy sand, 0 to 2 percent slopes	76	8.8	15.2%
Totals for Area of Inter	rest	· · · - · · · · · · · · · · · · · · · ·	57.7	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.

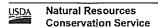
This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative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

Rating Options

Units of Measure: centimeters

Aggregation Method: Dominant Component Component Percent Cutoff: None Specified

Tie-break Rule: Lower

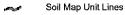


Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Points

Special Point Features

o) Blowout

Borrow Pit

X Clay Spot

Closed Depression

Gravel Pit

.. Gravelly Spot

Landfill

A Lava Flow

.1. Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

- Saline Spot

. Sandy Spot

Severely Eroded Spot

Sinkhole

3 Slide or Slip

ND

Stony Spot

Very Stony Spot

Spoil Area

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

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

Coordinate System: Web Mercator (EPSG:3857)

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

Soil Survey Area: Charles City County, Virginia Survey Area Data: Version 15, Jun 3, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 11, 2019—Oct 15, 2019

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
8B	Catpoint loamy sand, 0 to 4 percent slopes	9.8	17.1%
11B	Conetoe loamy sand, 0 to 4 percent slopes	5.2	8.9%
17C	Craven-Uchee complex, 6 to 10 percent slopes	2.4	4.2%
18B	Dogue silt loam, 2 to 6 percent slopes	22.1	38.2%
26A	Lawnes muck, 0 to 1 percent slopes, very frequently flooded	4.2	7.3%
29A	Mattan mucky loam, 0 to 1 percent slopes, very frequently flooded	0.2	0.3%
30A	Munden loamy sand, 0 to 2 percent slopes	3.4	6.0%
33A	Nawney silt loam, 0 to 2 percent slopes, frequently flooded	1.6	2.8%
41A	Seabrook loamy sand, 0 to 2 percent slopes	8.8	15.2%
Totals for Area of Interest		57.7	100.0%

Not rated or not available

Streams and Canals

Interstate Highways

MAP LEGEND

Water Features

Transportation

Background

Rails

US Routes

Major Roads

Local Roads

Aerial Photography

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

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

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

Coordinate System: Web Mercator (EPSG:3857)

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Date(s) aerial images were photographed: Oct 11, 2019—Oct 15, 2019

Depth to Water Table

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
9A	Chickahominy loam, 0 to 2 percent slopes	8	76.7	21.1%
17C	Craven-Uchee complex, 6 to 10 percent slopes	76	1.6	0.4%
18A	Dogue silt loam, 0 to 2 percent slopes	61	81.6	22.4%
18B	Dogue silt loam, 2 to 6 percent slopes	61	48.7	13.4%
36A	Newflat silt loam, 0 to 2 percent slopes	31	151.5	41.6%
49B	Wickham fine sandy loam, 2 to 6 percent slopes	>200	2.4	0.7%
W	Water	>200	1.7	0.5%
Totals for Area of Inter	rest		364.1	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.

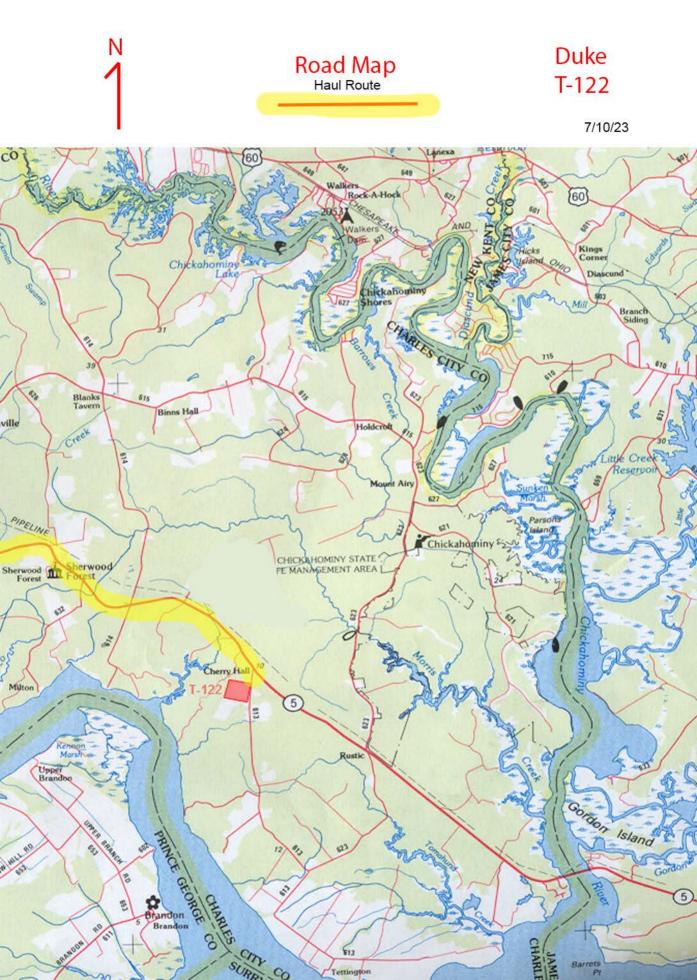
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Rating Options

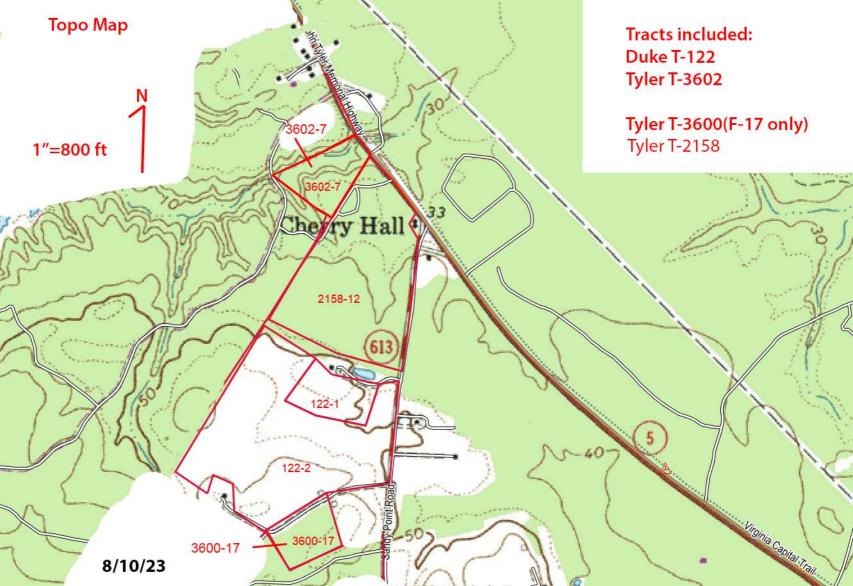
Units of Measure: centimeters

Aggregation Method: Dominant Component Component Percent Cutoff: None Specified

Tie-break Rule: Lower
Interpret Nulls as Zero: No
Beginning Month: January
Ending Month: December









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 X

Clay Spot X

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

Stony Spot



Very Stony Spot



Wet Spot

Spoil Area



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.

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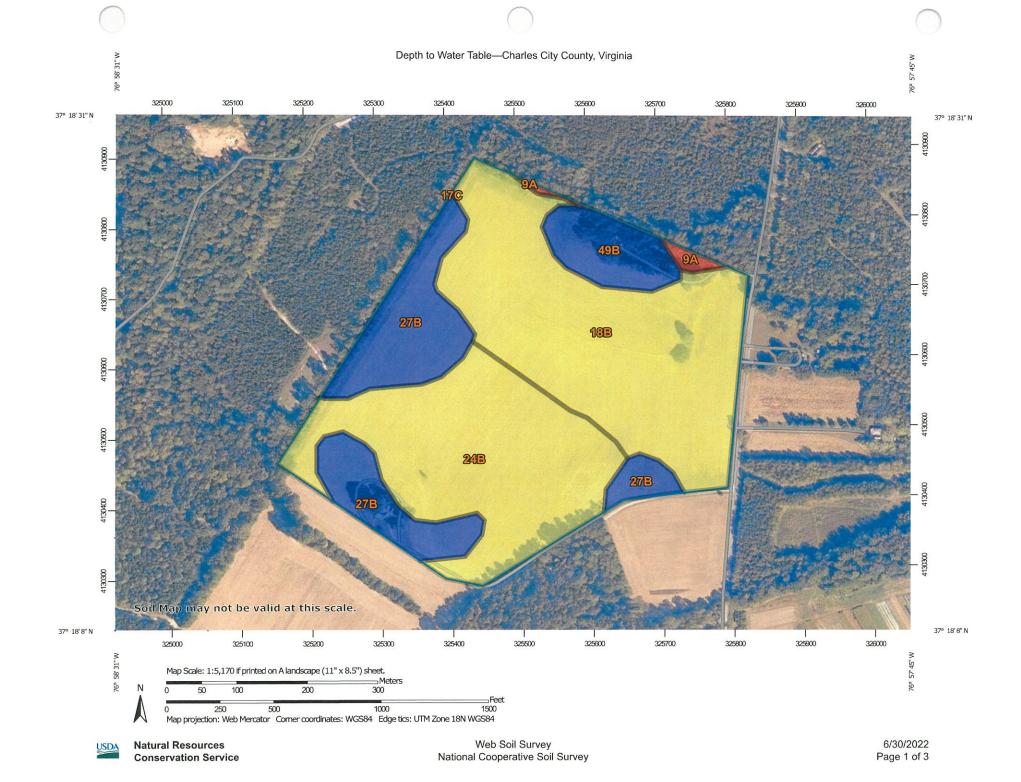
This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Charles City County, Virginia Survey Area Data: Version 15, Jun 3, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 11, 2019—Oct 15, 2019

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
9A	Chickahominy loam, 0 to 2 percent slopes	0.5	0.8%
17C	Craven-Uchee complex, 6 to 10 percent slopes	0.0	0.0%
18B	Dogue silt loam, 2 to 6 percent slopes	26.3	42.0%
24B	Izagora silt loam, 0 to 4 percent slopes	20.3	32.4%
27B	Masada loam, 2 to 6 percent slopes	12.5	19.9%
49B	Wickham fine sandy loam, 2 to 6 percent slopes	3.0	4.8%
Totals for Area of Interest		62,6	100.0%



Not rated or not available

Streams and Canals

Interstate Highways

MAP LEGEND

Water Features

Transportation

Background

Rails

US Routes

Major Roads

Local Roads

Aerial Photography

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Rating Polygons

0 - 25

25 - 50

20 - 0

50 - 100

> 200

100 - 150

150 - 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

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

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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: Charles City County, Virginia Survey Area Data: Version 16, Sep 17, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 11, 2019—Oct 15, 2019

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 symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
9A	Chickahominy loam, 0 to 2 percent slopes	8	0.6	1.0%
17C	Craven-Uchee complex, 6 to 10 percent slopes	76	0.0	0.0%
18B	Dogue silt loam, 2 to 6 percent slopes	61	25.7	41.2%
248	Izagora silt loam, 0 to 4 percent slopes	76	20.3	32.5%
27B	Masada loam, 2 to 6 percent slopes	>200	11.9	19.1%
49B	Wickham fine sandy loam, 2 to 6 percent slopes	>200	3.9	6.3%
Totals for Area of Interest			62,5	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.

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



Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
9A	Chickahominy loam, 0 to 2 percent slopes	8	49.8	92.0%
36A	Newflat silt loam, 0 to 2 percent slopes	31	2.9	5.4%
39A	Peawick silt loam, 0 to 2 percent slopes	61	1.4	2.6%
Totals for Area of Interest			54,2	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.

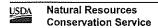
This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative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

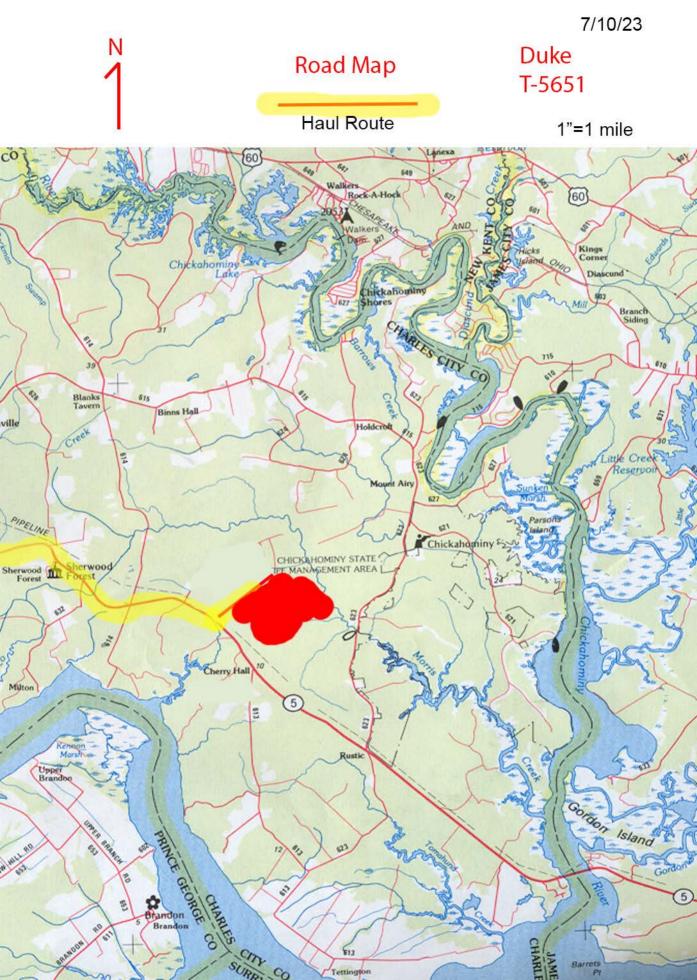
Rating Options

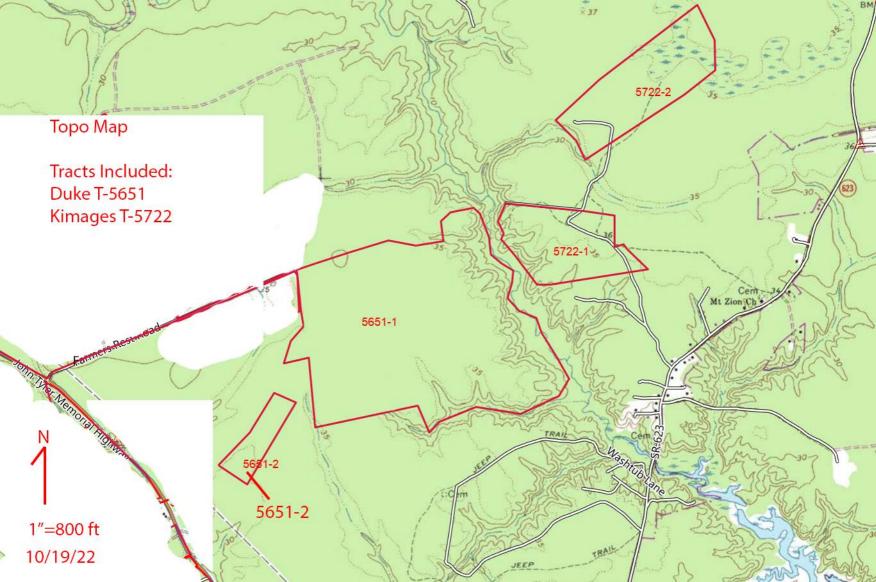
Units of Measure: centimeters

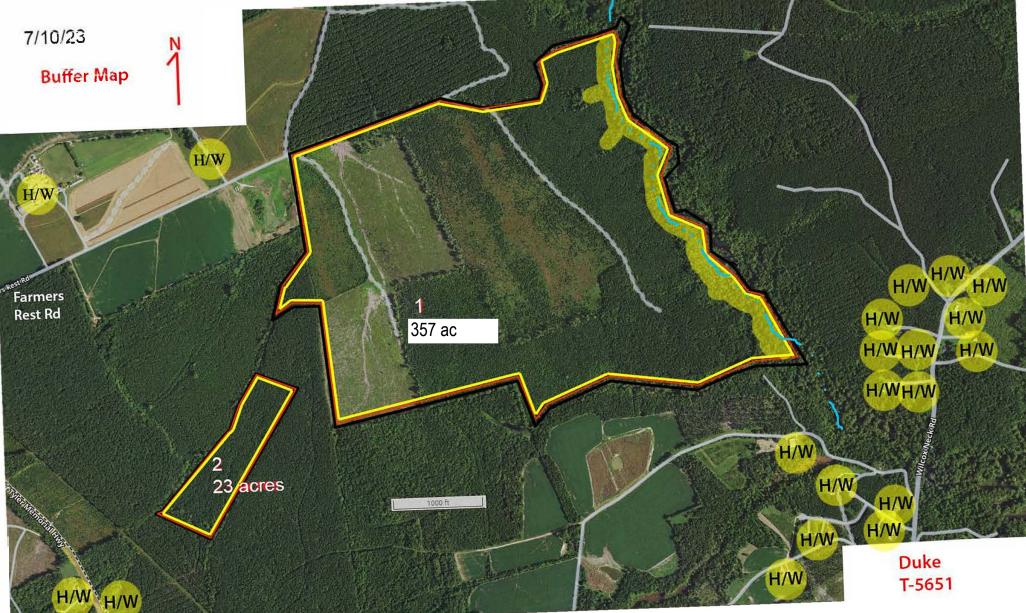
Aggregation Method: Dominant Component Component Percent Cutoff: None Specified

Tie-break Rule: Lower
Interpret Nulls as Zero: No
Beginning Month: January
Ending Month: December





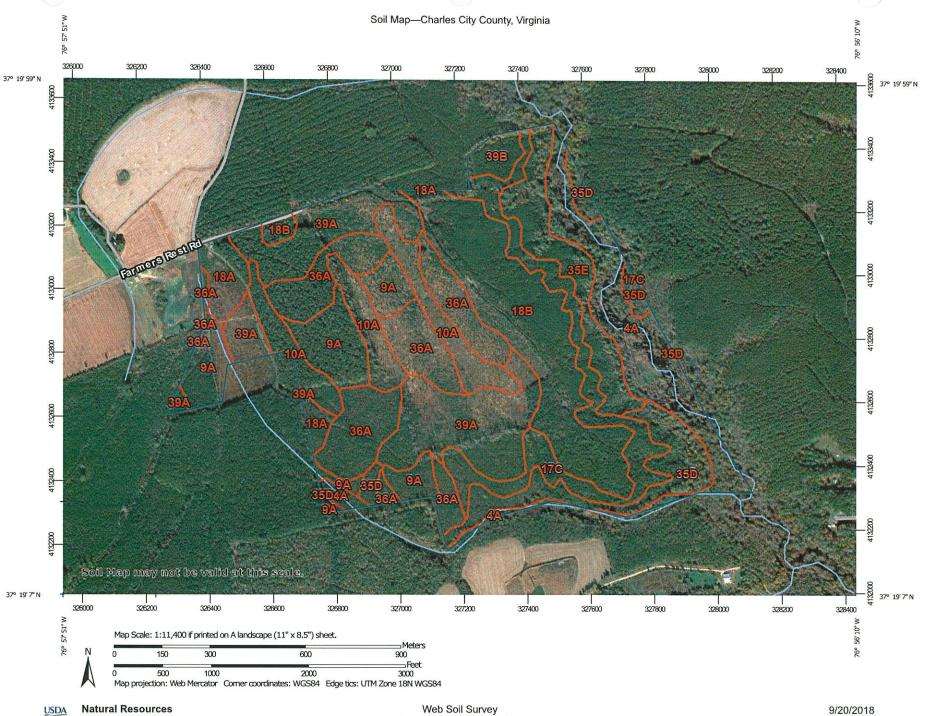




Duke Tract T-5651 Field Data Sheet

Field	Total	Tract C	oordinates		
	Acres	Latitude	Longitude	Field Type	
5651-1 5651-2	357.0 23.0	37.3259	-76.9507	Silviculture Silviculture	
SUM	380.0	0 1000 - 0000			

*All Latitude/Longitude Points were obtained through Google Earth



Natural Resources Conservation Service

Web Soil Survey National Cooperative Soil Survey

Page 1 of 3

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 (0)

X

Borrow Pit

Clay Spot *

Closed Depression \Diamond

 \mathcal{H}

Gravel Pit

Gravelly Spot

Landfill

٨

Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water (0)

Perennial Water

Rock Outcrop

Saline Spot

Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot

Ô

Spoil Area Stony Spot

Very Stony Spot

707

Wet Spot

Other Δ

Special Line Features

Water Features

Streams and Canals

Transportation

+++

Rails

Interstate Highways

US Routes

Background

Major Roads

Local Roads



Aerial Photography

MAP INFORMATION

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

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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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Soil Survey Area: Charles City County, Virginia Survey Area Data: Version 12, Oct 2, 2017

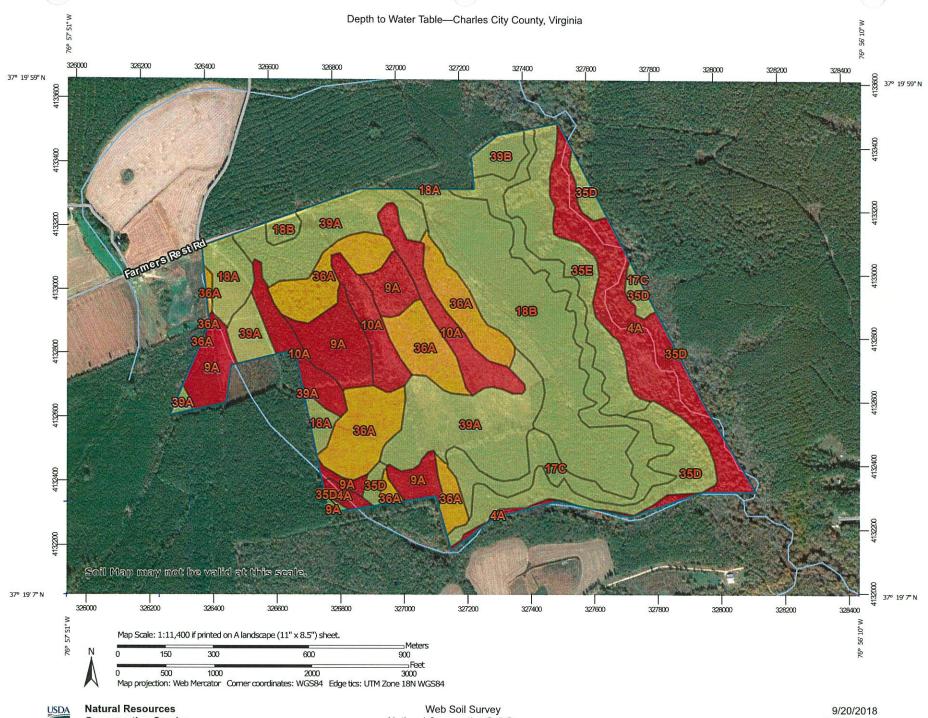
Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 17, 2016—Nov 22, 2016

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 10.7%	
4A	Bibb fine sandy loam, 0 to 2 percent slopes, frequently flooded	36.4		
9A	Chickahominy loam, 0 to 2 percent slopes	29.5	8.7%	
10A	Chickahominy loam, 0 to 2 percent slopes, ponded	28.2	8.3%	
17C	Craven-Uchee complex, 6 to 10 percent slopes	29.2	8.6%	
18A	Dogue silt loam, 0 to 2 percent slopes	9.9	2.9%	
18B	Dogue silt loam, 2 to 6 percent slopes	52.6	15.5%	
35D	Nevarc-Remlik complex, 10 to 15 percent slopes	25.3	7.5%	
35E	Nevarc-Remlik complex, 15 to 25 percent slopes	21.0	6.2%	
36A	Newflat silt loam, 0 to 2 percent slopes	48.7	14.4%	
39A	Peawick silt loam, 0 to 2 percent slopes	53.2	15.7%	
39B	Peawick silt loam, 2 to 6 percent slopes	4.7	1.4%	
Totals for Area of Interest		338.8	100.0%	



Conservation Service

National Cooperative Soil Survey

Page 1 of 4

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

Not rated or not available

Water Features

Streams and Canals

Transportation

++ Ra

Interstate Highways

-

US Routes
Major Roads

SHIP!

Local Roads

Background

Aerial Photography

Soil Rating Lines

-

0 - 25 25 - 50

-

50 - 100

part of

100 - 150

150 - 200

> 200

Not rated or not available

Soil Rating Points

0 - 25

25 - 50

50 - 100

100 - 150

150 - 200

> 200

MAP INFORMATION

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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.

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Soil Survey Area: Charles City County, Virginia Survey Area Data: Version 12, Oct 2, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 17, 2016—Nov 22, 2016

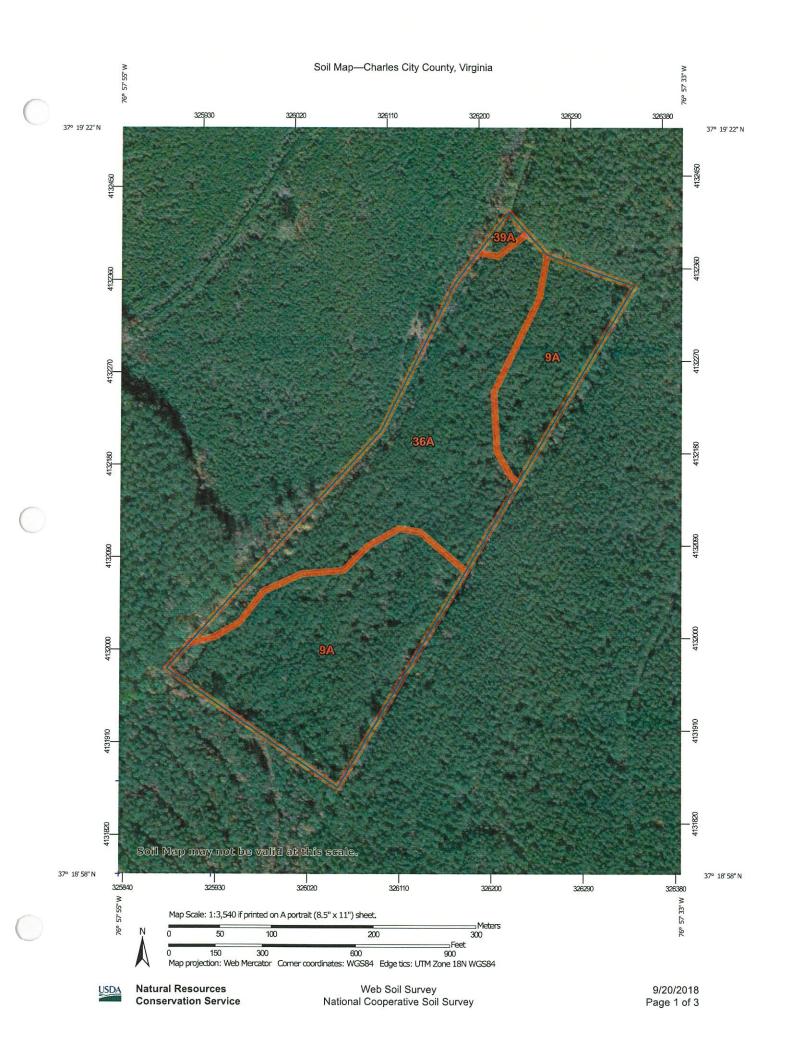
The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
4A	Bibb fine sandy loam, 0 to 2 percent slopes, frequently flooded	23	36.4	10.7%
9A	Chickahominy loam, 0 to 2 percent slopes	8	29.5	8.7%
10A	Chickahominy loam, 0 to 2 percent slopes, ponded	8	28.2	8.3%
17C	Craven-Uchee complex, 6 to 10 percent slopes	76	29,2	8.6%
18A	Dogue silt loam, 0 to 2 percent slopes	61	9.9	2.9%
18B	Dogue silt loam, 2 to 6 percent slopes	61	52.6	15.5%
35D	Nevarc-Remlik complex, 10 to 15 percent slopes	61	25.3	7.5%
35E	Nevarc-Remlik complex, 15 to 25 percent slopes	61	21.0	6.2%
36A	Newflat silt loam, 0 to 2 percent slopes	31	48.7	14.4%
39A	Peawick silt loam, 0 to 2 percent slopes	61	53.2	15.7%
39B	Peawick silt loam, 2 to 6 percent slopes	61	4.7	1.4%
Totals for Area of Interest			338.8	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.



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 37.

 \Diamond Closed Depression

Gravel Pit

Gravelly Spot ..

Landfill

Lava Flow

Marsh or swamp

Miscellaneous Water

علقه

go. Mine or Quarry

(6) Perennial Water

Rock Outcrop

Saline Spot

Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot

Spoil Area

Stony Spot O

Œ, Very Stony Spot

Wet Spot

Other Δ

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

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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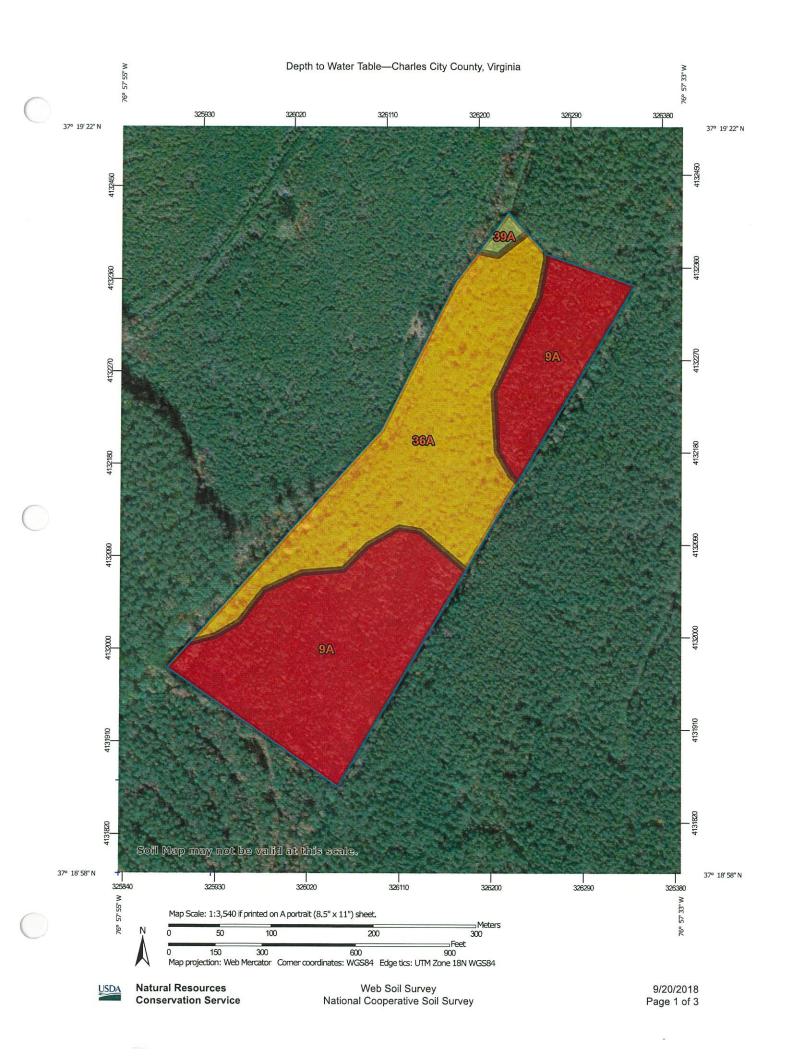
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Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
9A	Chickahominy loam, 0 to 2 percent slopes	12.3	55.4%
36A	Newflat silt loam, 0 to 2 percent slopes	9.7	43.6%
39A	Peawick silt loam, 0 to 2 percent slopes	0.2	1.0%
Totals for Area of Interest		22.2	100.0%



Area of Interest (AOI) Area of Interest (AOI) Soils Soil Rating Polygons 0 - 25 25 - 5050 - 100 100 - 150 150 - 200 > 200 Not rated or not available Soil Rating Lines 0 - 2525 - 50 50 - 100 100 - 150

Not rated or not available

Water Features

Streams and Canals

Transportation

Rails

Interstate Highways

US Routes

Major Roads Local Roads

Background

Aerial Photography

150 - 200

> 200

Not rated or not available

Soil Rating Points

0 - 25

25 - 50

50 - 100

100 - 150

150 - 200

> 200

MAP INFORMATION

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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

