### NUTRIBLEND INC CHARLES CITY BLACK

DEQ CONTROL NUMBER	SITE BOOK NAME	FIELD ID	GROSS ACRES	ADJUSTED GROSS ACRES	CHANGE +/-	LANDOWNER	TAX PARCEL	NOTES
51036-00173-0000	Black	718-2	4	2.6	-1.4	Minnie and Nancy Bates	8-14	Acreage correction
51036-00173-0000	Black	718-1B	1.4	1.4	0.0	Minnie and Nancy Bates	8-14	
51036-00173-0000	Black	718-1	18	16.0	-2.0	Minnie and Nancy Bates	8-14	Acreage correction
51036-00176-0000	Black	718-3	24	21.0	-3.0	Mark Black	8-6	Acreage correction
51036-00176-0000	Black	718-6	4.5	2.5	-2.0	Mark Black	8-6	Acreage correction
51036-00176-0000	Black	718-4	32.1	38.5	6.4	Mark Black; James Smith III	8-9; 8-5	
51036-00176-0000	Black	718-8	6	2.1	-3.9	Mark Black	8-6	Acreage correction
51036-00176-0000	Black	718-7	7	5.3	-1.7	Mark Black	8-6	Acreage correction
New Field	Black	718-9	8	8.0	0.0	Minnie and Nancy Bates	8-14	New Field
New Field	Black	718-10	20	20.0	0.0	Minnie and Nancy Bates	8-14	New Field
51036-00247-0000	Black	599-1	14	14.0	0.0	Mark Black	4-23	
51036-00247-0000	Black	599-2	12.5	12.5	0.0	Mark Black	4-23	
51036-00247-0000	Black	599-3	15	15.0	0.0	N.S. Farms LLC	8-71	
51036-00247-0000	Black	599-4	7	7.0	0.0	Jennifer and Aaron Black; Lisa Black	8-62; 8-48B	
51036-00247-0000	Black	599-5	5	5.0	0.0	Lisa Black	8-48B	
51036-00247-0000	Black	599-6A	40	30.0	-10.0	Lisa Black	8-48B	Split Field 6 (6A and 6B)
	Black	599-6B	0	10.0	10.0	Lisa Black	8-48B	Split Field 6 (6A and 6B)
51036-00247-0000	Black	599-7	50	50.0	0.0	N.S. Farms LLC	8-71	
51036-00247-0000	Black	599-8	148	112.7	-35.3	Lisa Black	8-48B	
51036-00247-0000	Black	599-9	134	134.0	0.0	Lisa Black; Jennifer & Aaron Black	8-48B, 8-47; 8-62	
New Field	Black	599-10	5	5.0	0.0	N.S. Farms LLC	8-71	New Field
51036-00238-0000	Black	1053-1	22.6	22.6	0.0	Renard and Cynthia Charity	25-63	
		TOTALS	578.1	535.2	-42.9			

PART D-VI: LAND APPLICA	ATION AGRE	EMENT - BIOSC	LIDS AND INDUSTRI	AL RESIDUALS			
A. This land application agre			19 between	Aaron Black			
referred to here as "Landowner", and \( \frac{1 \frac{1}{2}							
Landowner: The Landowner is the owner of record of the real property located in agricultural, silvicultural or reclamation sites identified below in Table 1 and identified \$\display\$ the tax map(s) with county documentation identifying owners, attached as Exhibit A.							
Table 1.: Parcels aut	horized to rec	eive biosolids, v	vater treatment residua	als or other industrial sludges			
Tax Parcel ID	<u>Tax F</u>	arcel ID	Tax Parcel ID	Tax Parcel ID			
§ - 62							
	5						
M Additional and the second states							
☐ Additional parcels containing Lar							
Check one:  The La	ndowner is the ndowner is on	e sole owner of e of multiple ow	the properties identifie mers of the properties	ed 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.							
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 Mater    Mater    No □ Yes	treatment reside <b>X</b> ) No	<u>≀als Foo</u> d □ Y	d processing waste es <b>X</b> No	Other industrial sludges □ Yes 🙀 No			
Printed name  Aaron Black		Mailing Address	arnells Rd	Landowner Signature			
By:		Providence	e forge VA	00001			
Title Owner - Co	<u></u>	T-1.12-12-11	04 241 5262	- Gentler			
*□ I certify that I have authority	to sign for the la	ndowner as indicat	ed by my title as executor,	, Trustee or Power of attorney, etc.			
* I certify that I am a responsib proprietorship, LLC, municipal	le official (or offi	cer] authorized to	act on behalf of the followi	ing corporation, partnership,			
	,,	io, aberray, eta.	a	The state of the s			
Permittee; <u>Vitri - Blend</u> , the I	Permittee, agre	es to apply biosol	ids and/or industrial resid	iduals on the Landowner's land in the			
manner authorized by the VPA I	Permit Regulati	on and in amount	s not to exceed the rates	s identified in the nutrient management.			
pion prepared for each land app The Permittee person to notify the	ncation field by	a person centiles	in accordance with §10	0.1-104.2 of the Code of Virginia			
specifically prior to any particula	r application to	the Landowner's	land. Notice shall includ	sed schedule for land application and de the source of residuels to be applied.			
Printed name		Mailing Address Po Box	38040	Permittee Authorized Representative			
Bill Burnett			Henrico, VA 23251	Bill Bunett			
Title Office Man	ager	Phone No. 804	- 222 - 7514	1900x Burnery			

### VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT Nutri - Blenc) \_\_\_\_\_ County or City: \_\_ Charles City Landowner: Aaron Black and Jennifer Black 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. 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. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids; 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, Lactating dairy animals shall not be grazed for a minimum of 60 days 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).

Rev 6/11/2018b

### VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL FEFT UENT AND BIOSOLIDS

r	OKNI D: NIONICIPAL EF	LLUEN! AND BIO2	OLID3	
	LICATION AGREEMENT			
the Landowner in the event individual parcels identified	eement is made on	party or, with respect to the sels, until ownership of all nose parcels for which ow	nose parceis that are parcels changes. If controls in the parcels changes are parcels in the parcel in	retained by ownership of
Landowner: The Landowner is the owner the agricultural, silvicultural attached as Exhibit A.	er of record of the real propert or reclamation sites identified	y located in Charles below in Table 1 and ide	رِ المثالي Virginia, which entified on the tax ma	n includes p(s)
Table 1.: Parcels aut	horized to receive biosolids, v	vater treatment residuals	or other industrial slu	dges
Tax Parcel ID	<u>Tax Parcel ID</u>	Tax Parcel ID	Tax Par	cel ID
8 6Z				
Check one:  In the event that the Landowithin 38 months of the late  Notify the purchase later than the date  Notify the Permittee	d Application Sites are identified on Site Landowner is the sole owner is Landowner is one of multiple where sells or transfers all or post date of biosolids application or transferee of the application of the property transfer; and se of the sale within two weeks	er of the properties identified owners of the properties art of the property to which the Landowner shall: ble public access and cross following property transf	ied herein. s identified herein. ch biosolids have bee p management restri	ctions no
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 a inspections on the land idea purpose of determining con		andowner also grants pe or after land application of	ermission for DEQ sta f permitted residuals	aff to conduct for the
Jenni Fer A. C. Black Landowner – Printed Name, Title		300 300	O Barnetts Rd Mailing Address	<u>Provide</u> nce Forge VA 23140
manner authorized by the VPA	e Permittee, agrees to apply bios A Permit Regulation and in amou oplication field by a person certif	ints not to exceed the rates	identified in the nutrien	t management
	the Landowner or the Landown lar application to the Landowner			

Permittee – Authorized Representative
Printed Name

Signature

□ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

? ○ BR 39000

Richmond VA 23867 Mailing Address

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

Permittee: Nutri-Blend Inc.	County or City:	Richmond, VA
Landowner: Jennifer A.C. Black		

#### 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

- 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;
- 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).

AlBlack	9-27-18
Vandowner's Signature	Date
Aaron Black	804 241 5262

Operator's Name

2 of 2

### 7/27/23

PART D-VI: LAND APPL	ICATION AC	GREEMENT	r - BIOSOLID	S AND II	<i>VDUSTRI</i>	AL RESIDUALS
A. This land application agreement is made on 1/27/23 between Lisa Black 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 agricultural, silvicultural or re documentation identifying ov	clamation site	s identified b	elow in Table	Charles 1 and ident	City , V tified on th	rirginia, which includes the e tax map(s) with county
Table 1.: Parcels aut	norized to rece	eive biosolids	s, water treatm	ent residua	als or othe	r industrial sludges
<u>Tax Parcel ID</u>	<u>Tax P</u>	arcel ID	Tax	Parcel ID		Tax Parcel ID
8-49B						AMI and a second
9-47						
The state of the s		**************************************				
Additional parcels containing Land	Application Sites	are identified on	Supplement A (cl	heck if applic	able)	
Check one: The La	ndowner is the ndowner is on	e sole owner e of multiple	of the propertion	es identifie properties	d herein. identified	hereîn.
within 38 months of the lates  1. Notify the purchaser than the date of the	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  ⊘ZYes □ No ラ子Yes	treatment residu □ No		ood processing Yes <b>12</b> 0		<u>Other in</u> □ Yes	dustrial sludges र्ट्स No
Printed name Lisa Black		Mailing Addre	155 3000 Barr	reft 121	Landowne	r Signature
By:	<u> </u>		ess <i>3000 Barr</i> Royaltrez for G04- 543-89	81 VA Z31	10 1	0 -
Title*		Phone No.	804- S47-89	119	10	a Block
*□ I certify that I have authority	to sign for the lar	rdowner as indi	cated by my title	as executor.	Trustee or P	lower of attorney, etc.
*□ I certify that I have authority to sign for the landowner as indicated 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:  Midri - (lend), the manner authorized by the VPA plan prepared for each land app. The Permittee agrees to notify t specifically prior to any particular.	Permit Regulatio Hication field by he Landowner c	on and in amo a person certi or the Landowr	unts not to exce fied in accordan ner's designee c	ed the rates ace with <u>§10</u> of the propos	s identified <u>.1-104.2 of</u> sed schedu	in the nutrient management the Code of Virginia. Ile for land application and
Printed name			55 P.O Box 38		Permittee-	authorized Representative
Bill Burnett			Henrico, V	1	Signature	Burnett
Title Office Manager		Phone No.	804-222-75	514	Bill	Surne!

### 7/27/23

UIDOINIA DOLLUTION ADATEMENT DEDMIT ADDITOATION, DADT DAGLAND ADDITOATION AG

Permittee:	Nutri-Blend.Inc.	County or City:	Charles City	
Landowner: _	Lisa Black			
	to Management Deput			

#### 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

- 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;
- 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).

Zee Mary

Date

### VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D. MUNICIPAL FEELLIENT AND BIOSOLIDS

1	OKM D. MONICIPAL LI	LUCITI AND BIOSOCI	<b>D</b> 3				
	LICATION AGREEMENT -						
A. This land application agreement is made on							
Landowner: The Landowner is the owner the agricultural, silvicultural attached as Exhibit A.	er of record of the real property or reclamation sites identified	located in Chalus City below in Table 1 and identifi	, _, Virginia, which includes ed on the tax map(s)				
Table 1.: Parcels aut	horized to receive biosolids, w	rater treatment residuals or of	her industrial sludges				
Tax Parcel ID	<u>Tax Parcel ID</u>	Tax Parcel ID	<u>Tax Parcel ID</u>				
8 71 8 48A 8 64							
Additional parcels containing Lan	d Application Sites are identified on S	unnlement A (check if applicable)					
Check one: ☐ Th	e Landowner is the sole owne e Landowner is one of multiple	r of the properties identified he owners of the properties ide	entified herein.				
within 38 months of the late 1. Notify the purchase later than the date	wner sells or transfers all or past date of biosolids application or transferee of the application of the property transfer; and so of the sale within two weeks	n, the Landowner shall: ale public access and crop ma					
notify the Permittee immed	er agreements for land applica ately if conditions change suc f this agreement becomes inv	ch that the fields are no longe	r available to the Permittee				
agricultural sites identified a inspections on the land ide purpose of determining con	ntified above, before, during on pliance with regulatory requi	andowner also grants permis r after land application of per rements applicable to such a	ssion for DEQ staff to conduct mitted residuals for the pplication.				
Class B biosolids Wate  ▼1 Yes □ No □ Ye		Vec Kilo I	ner industrial sludges Yes Ki No Z OH Viview RJ				
Landowner – Printed Name, Titl	S LL (OC)	Maili	ng Address / Va 73050				
manner authorized by the VPA	e Permittee, agrees to apply bios A Permit Regulation and in amou oplication field by a person certifi	nts not to exceed the rates ident	ified in the nutrient management				
	the Landowner or the Landowner		chedule for land application and source of residuals to be applied.				
I reviewed the document(s)		the person signing for landowne check this box if the landowner sign	r above. I will make a copy of this				
Normal Permittee - Authorized Represe	RIU Run	· <del></del>	ing Address				
Printed Name	•	··· <del>·</del>	•				

Dana 1 of 3

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

Permittee:	Nutri-Blend Inc.	County or City:	Richmond, VA
Landowner:	U.S. Forms LLC		

#### 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

- 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;
- 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).

2 of 2

	5/m/s
Landowner's Signature	904 741 52 62
Jan Olac	00121132

Operator's Name Contact Number

COTO III LUID CONTO LA COMPANIA DE CONTO LA CONT
PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS
A. This land application agreement is made on 2.4.3 between Minni Batch referred to here as "Landowner", and Making Bland 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 Churles City Arginia, 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 authorized to receive biosolids, water treatment residuals or other industrial studges
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Offeck one:  The Landowner is the sole owner of the properties identified herein.  The Landowner is one of multiple owners of the properties identified setein.
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. Molify the purchaser or transferse of the applicable public access and crop ownergement restrictions or 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 of ange 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 kereby 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 circolids Water treatment residuals Food processing waste Other industrial studies  XYes □ No □ Yes XNo □ Yes XNo
Printed name  Munic Bales  By: Deale Stille  Phone No. 804-824-2752  Title Co - o one Phone No. 804-824-2752  El certify that there outhority to signific the landowner as inducated by my title as enecutor, Trustee or Forwar of cition by more proprietorship, LLC, municipality, state or federal agency, etc.
Penniftee:  Note: Bless  the Permitee: agrees to apply bioacities and or industrial residuals on the Landouver's land in the manner authorized by the VFA 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 Virulnia
The Permitise 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 Address 38040 Serminee Authorized Sepreser titree
THE AFFICE Manager FRENCE CAR 222 7514 Bell Burnett

	VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT
	Permittee: Nutri-Blend country or city: Charles City
	Landowner: Minnie Rater
•	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;
	<ol> <li>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.</li> </ol>
	<ul> <li>a. Public Access</li> <li>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.</li> <li>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;</li> <li>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.</li> </ul>
	<ul> <li>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.</li> <li>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,</li> <li>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.</li> <li>d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;</li> <li>e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days If fed to lactating dairy animals).</li> </ul>
	<ul> <li>4. Livestock Access Restrictions:     Following blosolids application to pasture or hayland sites:     a. Meat producing livestock shall not be grazed for 30 days,</li> <li>b. Lactating dairy animals shall not be grazed for a minimum of 60 days.</li> <li>c. Other animals shall be restricted from grazing for 30 days;</li> </ul>
	<ol> <li>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;</li> </ol>
	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).    A
	Rev 6/11/2018b Page 2 pl 2
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	Minnie Bater

\* Nancy Bates

PART D-VI: LAND APPLI	CATION AGREEMENT -	BIOSOLIDS AND INC	DUSTRIAL RESID	UALS	
A. This land application ag referred to here as "Lando agreement remains in effe retained by the Landowne ownership of individual pa will no longer be authorize	wner", and <u>/ V/Vri</u> - R lot until it is terminated in v r in the event of a sale of roets identified in this agre	referonder of the referonder o	red to here as the ror, with respect t until ownership o se parcels for whi	'Permittee". This o those parcels that are fall parcels changes. I ch ownership has chan	if
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	authorized to receive biose	clids, water treatmen	t residuals or othe	r industrial sludges	
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The Landowner has no of notify the Permittee Imme application or any part of	distely if conditions chang	ge such that the field:	s are no longer a:	alable to the Permitte	e for
The Landowner hereby gragricultural sites identified inspections on the land id purpose of determining or	I above and in Extribit A. Sentified above, before idu	The Landowner elso iring or effer land app	grants permission dication of permit	n for DEQ staff to cont led residuals for the	isc
	iter (reatment residuals Yes	Food processing w D Yes % 'Vo		Mo Mo Mo	
Printed name  Nancy Bates  By: Many batu  Title CJ- awner	L EA	ASSTRESS CONTRACTOR CONTRACTOR CONTRACTOR NO 80482422	Rd 1/1	uning to Bata	/ <sup>2</sup> J
'El certify that I have sucho	only to eightfor the fendowner.			Power of attorney, at "	
	ns a e official (or officer) aucho cipelity, state or federal agency		tre following colpor	endn geriners ib,	
mariner authorized by the kill plan prepared for each land. The Permittee agrees to no	illa Permoses, ograes to app PA Permit Regulation and in Lapplication Fald by a persor bify the Landowner or the La louter application to the Land	n ameun's not to aucae n carified in accordanc ndowner's designee of	o the rates identifies the <u>\$10.1-104.2</u> the proposed sche that include the so	d in the numerst mar age of the Code of Virginia dule for land application tree of residuals to be ar	ile. t add
Bill Burneft Tile Office K	Mailing Po	odireis 38040 664 - Henrico VA 40. 804 - 222 - 7	Formitie Signature 28281 Q	e Authorized Representative	

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT				
Permittee: Nutri - Blend County or City: Charles City  Landowner: Nancy Bates				
Landowner: Nancy Bates				
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.				
l agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:				
<ol> <li>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.</li> </ol>				
<ul> <li>2. Public Access</li> <li>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.</li> <li>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</li> </ul>				
<ul> <li>the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;</li> <li>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.</li> </ul>				
<ul> <li>3. Crop Restrictions:</li> <li>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 blosolids.</li> <li>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,</li> <li>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.</li> <li>d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;</li> <li>e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).</li> </ul>				
<ul> <li>4. Livestock Access Restrictions;</li> <li>Following biosolids application to pasture or hayland sites:</li> <li>a. Meat producing livestock shall not be grazed for 30 days,</li> <li>b. Lactating dairy animals shall not be grazed for a minimum of 60 days</li> <li>c. Other animals shall be restricted from grazing for 30 days;</li> </ul>				
<ol> <li>Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industria 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;</li> </ol>				
<ol> <li>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 pdunds/acre (0.5 kilograms/hectare).</li> </ol>				
Landowner's Signature R Bate, 2-16-22  Date				
Rev 6/11/20186 Nancy Paler Page 2 of 2				

	MENT - BIOSOLIDS AI	DINDUSTRIAL	RESIDUALS
A. This land application agreement is made referred to here as "Landowner", and	Ari - Blend nated in writing by either sale of one or more pa this agreement change	referred to here party or, with re- roels, until owner s, those parcels f	as the 'Permittee'. This spect to those parcels that are ship of all parcels changes. If or which ownership has changed
Landowner: The Landowner is the owner of record of the agricultural, silvicultural or reclamation sites documentation identifying owners, attached	s identified below in Tab	n Charles	d dn khe tax map(s) with county
Table 1 . Parcels authorized to rece		tment residuals	or other industrial sludges
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Landowner Site Management Requiremen	act Sheet that includes	
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4. Livestock Access Restrictions: Following biosolids application to pasture a. Meat producing livestock shall not be b. Lactating dairy animals shall not be g c. Other animals shall be restricted from	grazed for 30 days, razed for a minimum o	f 60 days
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<ol> <li>Tobacco, because it has been shown to accurate for three years following the application of bid exceeding 0.45 pounds/acre (0.5 kilograms/h</li> </ol>	solids or industrial res ectare).	uld not be grown on the Landowner's land iduals which bear cadmium equal to or
Landowner's Signature	Tall	2-16-22
Landowner's Signature  Rev 6/11/20186		Date Page 2 cf 2
Mark Black		

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\* James Snith

PART D-VI: LAND APPLICATION	ON AGREEMENT - B	IOSOLIDS AND IN	DUSTRIAL RES	BIDUALS
A. This land application agreement referred to here as "Landowner" agreement remains in effect unit retained by the Landowner in the ownership of individual parcels i will no longer be authorized to re	, and	riting by either party ne or more parcels, ement changes, tho	y or, with respect until ownership se parcels for w	he "Permittee". This of to those parcels that are of all parcels changes. If which ownership has changed
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Printed name James Sonith By: Janhy Smith Title Owner	Phone N	804-517-71	12 0	Swiner Signature
*E I certify that I have authority to ** I certify that I art a responsible proprietorship, LLC, municipality	orficial (or officer) author	izad to acc on behalf of		
Permittee:  North Bland the Permanner authorized by the VPA Perplan prepared for each land applic The Permittee agrees to notify the	amili Regulation and in ation field by a person	amounts not to excer certified in accordant	ad the rates identice with <u>\$10.1-10</u>	4.2 of the Code of Virginia
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VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT Permittee: Nutri - Blend Landowner: James Sm. H county or city: Charles 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 Fermittee 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. 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; 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. Grop Restrictions: 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 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; Feed crops shall not be harvested for 30 days after the application of bicsolids (60 days if fed to lactating dairy animals). 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; 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) Rev 8/01/20185 James Smith

# FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS Renard Charty Cynthia Michennia PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

the Landowner in the event individual parcels identified longer be authorized to rec	erminated in writing by either of a sale of one or more par in this agreement changes, eive biosolids or industrial re	between RMC referred to here as the "Permi referred to here as	e parcels that are retained by reels changes. If ownership of rship has changed will no	
	horized to receive biosolids,	water treatment residuals or	other industrial sludges	
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	
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☐ Additional parcels containing Lan				
Check one: ✓ Th	e Landowner is the sole ow: e Landowner is one of multi	ner of the properties identified ple owners of the properties in	herein.	
1. Notify the purchase later than the date 2. Notify the Permitte The Landowner has no oth notify the Permittee immed for application or any part of incorrect.	est date of biosolids applicater or transferee of the applic of the property transfer; and e of the sale within two weel er agreements for land appliately if conditions change softhis agreement becomes it	able public access and crop roll ks following property transfer. ication on the fields identified uch that the fields are no long nvalid or the information here	nanagement restrictions no herein. The Landowner will ler available to the Permittee in contained becomes	
inspections on the land ide purpose of determining cor	above and in Exhibit A.  The ntified above, before, durinc	ttee to land apply residuals as Landowner also grants perm g or after land application of po- uirements applicable to such	rission for DEQ staff to conduct	
	er treatment residuals	Food processing waste C	Other industrial sludges  I Yes  MANo	
manner authorized by the VP.	e Permittee, agrees to apply bit A Permit Regulation and in am	U iosolids and/or industriat residual	O BATTERY WELL DATA  alling Address  N N T CO, VA. 232  s on the Landowner's land in the entified in the nutrient management of the Code of Virginia.	TU <u>F</u> 3 [
The Permittee agrees to notif	y the Landowner or the Landov	wner's designee of the proposed	schedule for land application and ne source of residuals to be applied	
☐ I reviewed the document(s	) assigning signatory authority		ner above. I will make a copy of this	
Bill Burnett Permittee - Authorized Represi		ett PO Be	-Blend, inc. ox 38060 ico, VA 23231	

Rev 9/14/2012

Permittee:	Nutri - Blend	County or City:	Charles	City	
Landowner:	Renard Charity	+ Cynthia Mcc	lennon		

#### 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

- 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;
- 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;
- 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).

Landowner's Signature

Rev 9/14/2012

Page 2 of 2

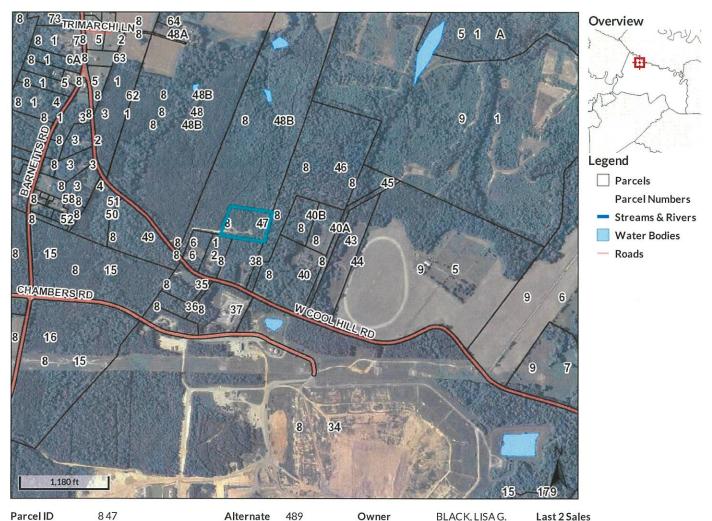
### VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT Landowner Coordination Form

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.

NUTRIBLEND INC SITE: Black Permittee: **Charles City** County or City: Please Print (Landowner signatures are not required on this Tax Parcel ID(s) Landowner(s) 8-14 Minnie and Nancy Bates 8-6 Mark Black 8-9 Mark Black James Smith III 8-5 Jennifer and Aaron Black 8-62 N.S. Farms LLC 8-64 N.S. Farms LLC 8-71 Mark Black 4-23 Lisa Black 8-47 Lisa Black 8-48B Renard and Cynthia Charity 25-63

Rev 6/11/2018b Page 1 of 1



Parcel ID Sec/Twp/Rng Property

Address

847

7920 W COOL HILL

ROAD

**PROVIDENCE FORGE** 

District **HARRISON** 

Brief Tax Description CHIMNEY HILL-RESIDUE PS#459,451,452,38 IN#9-540 WB28-196

Class

Acreage

(Note: Not to be used on legal documents)

Date created: 6/2/2022 Last Data Uploaded: 6/2/2022 2:33:16 AM



TAX MAP

Address

GARAGE/APT

P O BOX 506

**QUINTON VA** 

23141

Date

n/a

2/25/2010 0

0

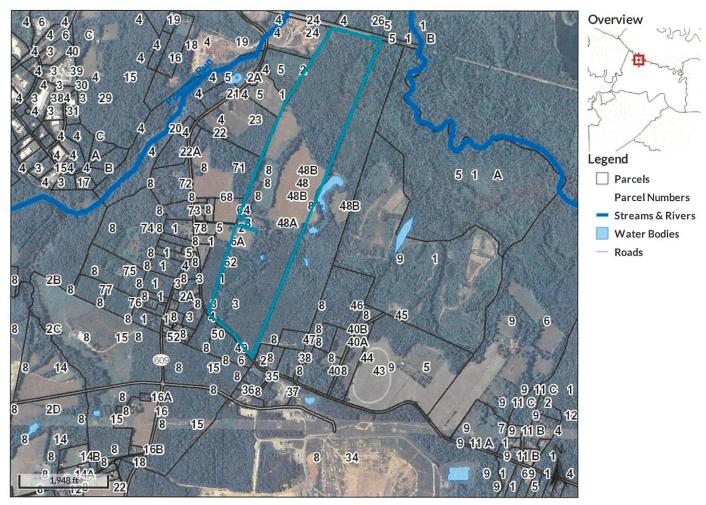
Price Reason Qual

n/a

n/a

U

n/a



Parcel ID 8 48B Owner Address BLACK, LISA G. Alternate ID 492 Last 2 Sales Sec/Twp/Rng n/a Class VACANT P O BOX 506 Price Reason Qual Date Property Address 0 Acreage 110.83 QUINTON VA 23141 2/25/2010 0 n/a U n/a n/a n/a

District Brief HARRISON

Tax Description

MT. AIRY PS#459,38 IN#9-540 DB95-85,WB28-196

(Note: Not to be used on legal documents)

Date created: 6/2/2022 Last Data Uploaded: 6/2/2022 2:33:16 AM



TAX MAP



Property Address 0 Acreage

**HARRISON** 

District

Brief Tax Description PT. OF COOL HILL PS#527 IN15-981,7-35 WF7-88,17-249 DB94-31

(Note: Not to be used on legal documents)

2.68

Date Price Reason Qual 5/2/2016 0 n/a U n/a n/a

Agron Black

Date created: 6/2/2022 Last Data Uploaded: 6/2/2022 2:33:16 AM



TAX MAP

CHARLES CITY VA 23030



Sec/Twp/Rng n/a Class Property Address 0 Acreage Owner Address

Date Price Reason Qual 11/8/2007 0 n/a U

District **HARRISON** Brief Tax Description PT. OF COOL HILL INSTR. NO.070000035 DB94-31

VACANT

6.81

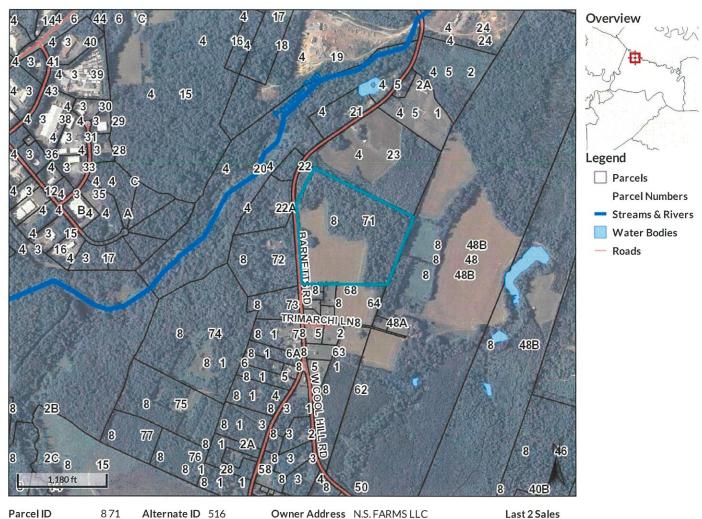
(Note: Not to be used on legal documents)

Date created: 6/2/2022 Last Data Uploaded: 6/2/2022 2:33:16 AM

Developed by Schneider

N.S. Farms LLC
6725 OLDUNUZAURU
Charles City VA 23030

TAX MAP



Sec/Twp/Rng n/a Property Address 0 Alternate ID 516 Class VACANT Acreage 116.92 Owner Address N.S. FARMS LLC 6725 OLD UNION ROAD CHARLES CITY VA 23030 Last 2 SalesDatePriceReasonQual12/21/20150n/aUn/a0n/an/a

District HARRISON

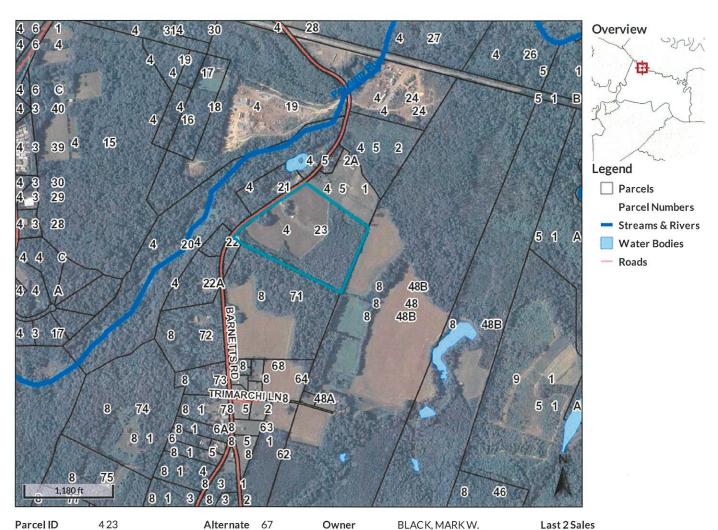
Brief
Tax Description
PT. OF COOL HILL PS#527,IN15-981, WF7-88 DB83-496,92-309,IN7-35

(Note: Not to be used on legal documents)

Date created: 6/2/2022 Last Data Uploaded: 6/2/2022 2:33:16 AM



TAX MAP



Address

**DWELLING** 

25

Parcel ID Sec/Twp/Rng Property

Address

423 n/a

2500 BARNETTS **ROAD** 

**PROVIDENCE** 

**FORGE** 

District **HARRISON** 

Brief Tax Description CHICKAHOMINY RIVER DB 77-63 WB 28-196

(Note: Not to be used on legal documents)

ID

Class

Acreage

Date created: 6/2/2022 Last Data Uploaded: 6/2/2022 2:33:16 AM

Developed by Schneider

TAX MAP

23140

2500 BARNETTS ROAD

**PROVIDENCE FORGE VA** 

Price Reason Qual

U

n/a

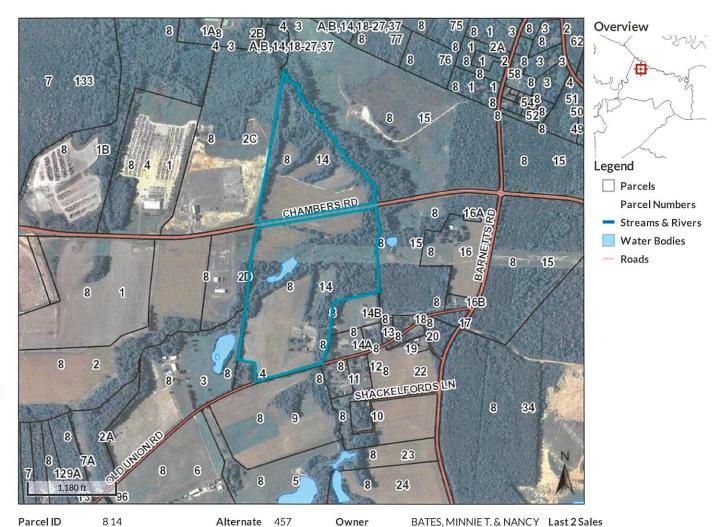
n/a

n/a

Date

6/18/2009 0

# **qPublic.net** Charles City County, VA



Sec/Twp/Rng n/a
Property 7000 OLD U

Address

7000 OLD UNION ROAD

CHARLES CITY

District HARRISON

Brief Tax Description GREEN MEADOW PS#473,443,PS#509 IN7-1486,DB54-646

(Note: Not to be used on legal documents)

Class

Acreage

Date created: 8/11/2021 Last Data Uploaded: 8/11/2021 2:40:33 AM



TAX MAP

Address

**DWELLING** 

116.14

Date

n/a

8/5/2011 0

6840 OLD UNION ROAD

CHARLES CITY, VA 23030

Price Reason Qual

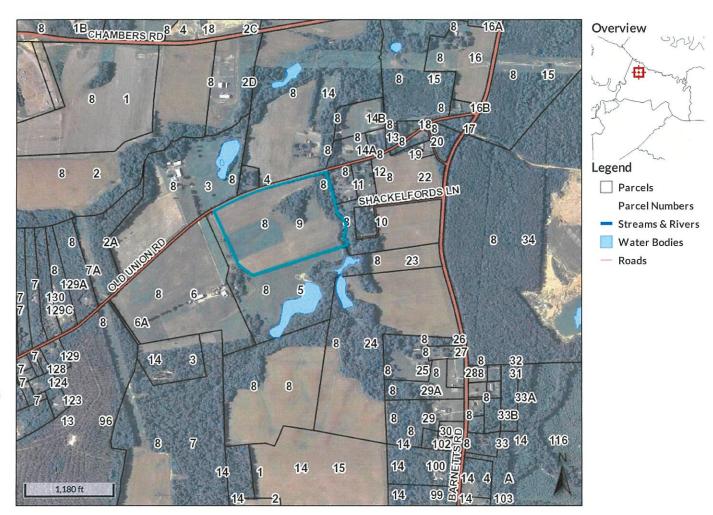
U

n/a

n/a

n/a

### **qPublic.net** Charles City County, VA



Parcel ID 89 Sec/Twp/Rng

Property Address 0

Alternate ID 452 Class Acreage

**VACANT** 16.27

Owner Address BLACK, MARK W.

2500 BARNETTS ROAD PROVIDENCE FORGE VA 23140 Last 2 Sales

Date Price Reason Qual 1/1/1900 0 n/a U 0 n/a n/a

District Brief

**HARRISON** 

Tax Description

GREEN MEADOW DB60-360,61-483 PB5-127

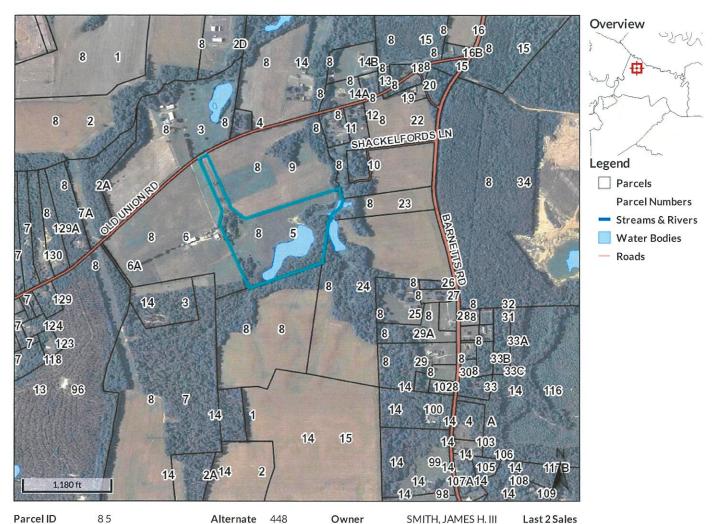
(Note: Not to be used on legal documents)

Date created: 8/11/2021 Last Data Uploaded: 8/11/2021 2:40:33 AM

Developed by Schneider

TAX MAP

## **qPublic.net** Charles City County, VA



Parcel ID 85 Alternate 448
Sec/Twp/Rng n/a ID
Property 6721 OLD UNION Class DWELLING
Address ROAD Acreage 31.9

**CHARLES CITY** 

SMITH, JAMES H. III 6721 OLD UNION ROAD CHARLES CITY VA 23030 
 Last 2 Sales

 Date
 Price
 Reason
 Qual

 4/29/2019
 \$362000
 n/a
 U

 n/a
 0
 n/a
 n/a

Tax Description GREEN MEADOW PS#97 CWF11-15 IN#11-804 IN#12-112,12-355,16-627

(Note: Not to be used on legal documents)

Date created: 8/11/2021 Last Data Uploaded: 8/11/2021 2:40:33 AM

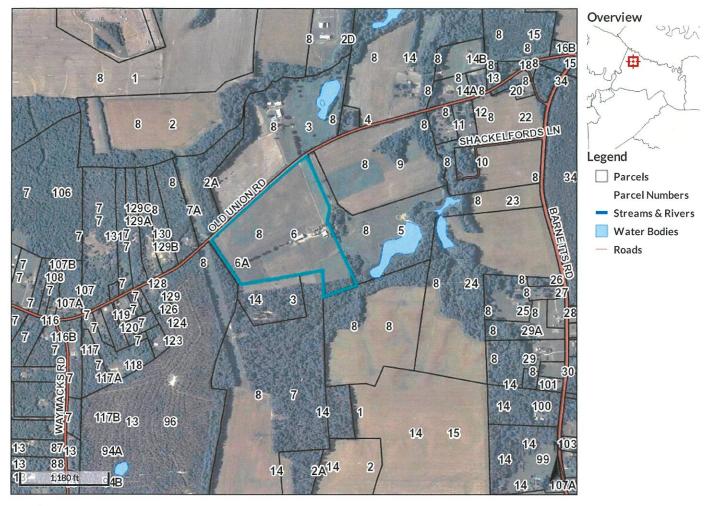


District Brief

TAX MAP

Address

# **qPublic.net**<sup>™</sup> Charles City County, VA



Parcel ID 86 Alternate 449 Owner Sec/Twp/Rng n/a Address 6725 OLD UNION **IMPROVE** Property Class Address **ROAD** Acreage 56.32 **CHARLES CITY** 

BLACK, MARK W. Last 2 Sales 2500 BARNETTS ROAD Date Price Reason Qual PROVIDENCE FORGE VA 1/1/1900 0 n/a 23140

U

n/a

Brief Tax Description GREEN MEADOW &NANCES SHOP DB61-462 PB5-122 (Note: Not to be used on legal documents)

**HARRISON** 

Date created: 8/11/2021 Last Data Uploaded: 8/11/2021 2:40:33 AM



District

TAX MAP

### **qPublic.net**™ Charles City County, VA



Parcel ID 25 63 Sec/Twp/Rng n/a Property Address 0 Alternate ID 1358 Class VACANT Acreage 75 Owner Address CHARITY, RENARD A. &

CYNTHIA MCCLENNON 1460 BATTERY HILL DRIVE RICHMOND, VA 23231

TAN MAP

Last 2 Sales

 Date
 Price
 Reason
 Qual

 1/1/1900
 0
 n/a
 U

 n/a
 0
 n/a
 n/a

District Brief **HARRISON** 

Tax Description

HAYES DB 55-128

tion

(Note: Not to be used on legal documents)

Date created: 9/21/2021 Last Data Uploaded: 9/21/2021 1:51:40 AM





### SITE BOOK INFORMATION

COUNTY: Charles City -- VPA00828

SITE BOOK NAME: Mark Black

TRACT NUMBERS: T-718, T-599, T-1053

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

LANDOWNER NAME: see landowner coordination form

OPERATORS NAME: Mark Black

ADDRESS: 2500 Barnetts Road

Providence Forge, VA

TELEPHONE #:

GENERAL FARM TYPE: Agriculture - Row Crop

OZITZIWAZ I WARION I I I Z	1.6. Total Care		
		GROSS	
DEQ CONTROL#	FIELD ID #	ACRES	TAX ID#
51036-00173-0000	718-2	2.6	8-14
51036-00173-0000	718-1B	1.4	8-14
<u>51036-00173-0000</u>	718-1		8-14
<u>51036-00176-0000</u>	718-3	21.0	8-6
<u>51036-00176-0000</u>	718-6	2.5	8-6
<u>51036-00176-0000</u>	718-4	32.1	8-9
			8-5
			8-6
<u>51036-00176-0000</u>	718-7		8-6
	718-9		8-14
New Field	718-10	20.0	8-14
<u>51036-00247-0000</u>	599-1	14	4-23
51036-00247-0000	599-2	12.5	4-23
<u>51036-00247-0000</u>	599-3	15	8-71
<u>51036-00247-0000</u>	599-4	7	8-62
			8-48B
<u>51036-00247-0000</u>	599-5	5	8-48B
51036-00247-0000	599-6A	30	8-48B
Split old field 6	599-6B	10	8-48B
51036-00247-0000	599-7	50	8-71
51036-00247-0000	599-8	70	8-48B
51036-00247-0000	599-9	134	8-48B, 8-47
			8-62
New Field	599-10	5	8-71
	51036-00173-0000 51036-00173-0000 51036-00173-0000 51036-00176-0000 51036-00176-0000 51036-00176-0000 51036-00176-0000 New Field New Field New Field  51036-00247-0000 51036-00247-0000 51036-00247-0000 51036-00247-0000 51036-00247-0000 51036-00247-0000 51036-00247-0000 51036-00247-0000 51036-00247-0000 51036-00247-0000 51036-00247-0000 51036-00247-0000 51036-00247-0000	51036-00173-0000       718-2         51036-00173-0000       718-1B         51036-00176-0000       718-1         51036-00176-0000       718-3         51036-00176-0000       718-6         51036-00176-0000       718-8         51036-00176-0000       718-7         New Field       718-9         New Field       718-10         51036-00247-0000       599-1         51036-00247-0000       599-2         51036-00247-0000       599-3         51036-00247-0000       599-4         51036-00247-0000       599-6A         Split old field 6       599-6B         51036-00247-0000       599-7         51036-00247-0000       599-8         51036-00247-0000       599-8         51036-00247-0000       599-9	DEQ CONTROL #         FIELD ID #         ACRES           51036-00173-0000         718-2         2.6           51036-00173-0000         718-1B         1.4           51036-00176-0000         718-1         16.0           51036-00176-0000         718-3         21.0           51036-00176-0000         718-6         2.5           51036-00176-0000         718-4         32.1           51036-00176-0000         718-7         5.3           New Field         718-9         8.0           New Field         718-10         20.0           51036-00247-0000         599-1         14           51036-00247-0000         599-2         12.5           51036-00247-0000         599-3         15           51036-00247-0000         599-4         7           51036-00247-0000         599-6A         30           Split old field 6         599-6B         10           51036-00247-0000         599-7         50           51036-00247-0000         599-8         70           51036-00247-0000         599-9         134

		GROSS	
DEQ CONTROL#	FIELD ID #	ACRES	TAX ID#
<u>51036-00238-0000</u>	1053-1	22.6	25-63
	TOTAL GROSS ACRES	486.1	

TOTAL GROSS ACRES

**TOTAL NUMBER OF FIELDS** 

22



### FIELD DATA SHEET

SITE NAME: Black TRACT: T-718, T-599, T-1053

	FIELD	GROSS	FIELD	FARM COORDINATES		OWNED
	#	ACRES	TYPE	LATITUDE LONGITUDE		OWNER
1						
2	718-2	2.6	Row Crop	37.431	-77.148	Minnie and Nancy Bates
3	718-1B	1.4	Row Crop			Minnie and Nancy Bates
4	718-1	16.0				Minnie and Nancy Bates
5	718-3	21.0	Row Crop			Mark Black
6	718-6	2.5	Row Crop			Mark Black
7	718-4	32.1	Row Crop			Mark Black;
8						James Smith III
9	718-8	2.1	Row Crop			Mark Black
.0	718-7	5.3	Row Crop			Mark Black
.1						
.2	718-9	8.0	Row Crop			Minnie and Nancy Bates
.3	718-10	20.0	Row Crop			Minnie and Nancy Bates
.4						
.5	599-1	14	Row Crop	37.451	-77.133	Mark Black
ſ	599-2	12.5	Row Crop			Mark Black
	599-3	15	Row Crop			N.S. Farms LLC
	599-4	7	Row Crop			Jennifer and Aaron Black;
						Lisa Black
ſ	599-5	5	Row Crop			Lisa Black
ĺ	599-6A	30	Row Crop			Lisa Black
	599-6B	10	Row Crop			Lisa Black
	599-7	50	Row Crop			N.S. Farms LLC
ĺ	599-8	70	Silviculture			Lisa Black
	599-9	134	Silviculture			Lisa Black;
						Jennifer and Aaron Black
	599-10	5	Row Crop			N.S. Farms LLC
	1053-1	22.6	Row Crop	37.378	-77.129	Renard and Cynthia Charity
	TOTAL	486.1				

### **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

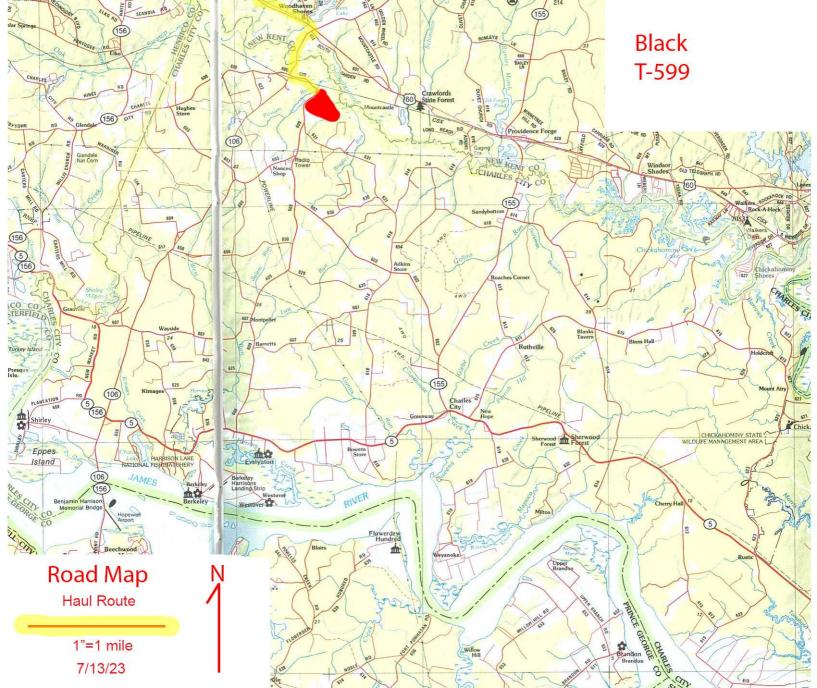
Publicly Accessible Site 200 ft from Property Line 400 ft from PAS

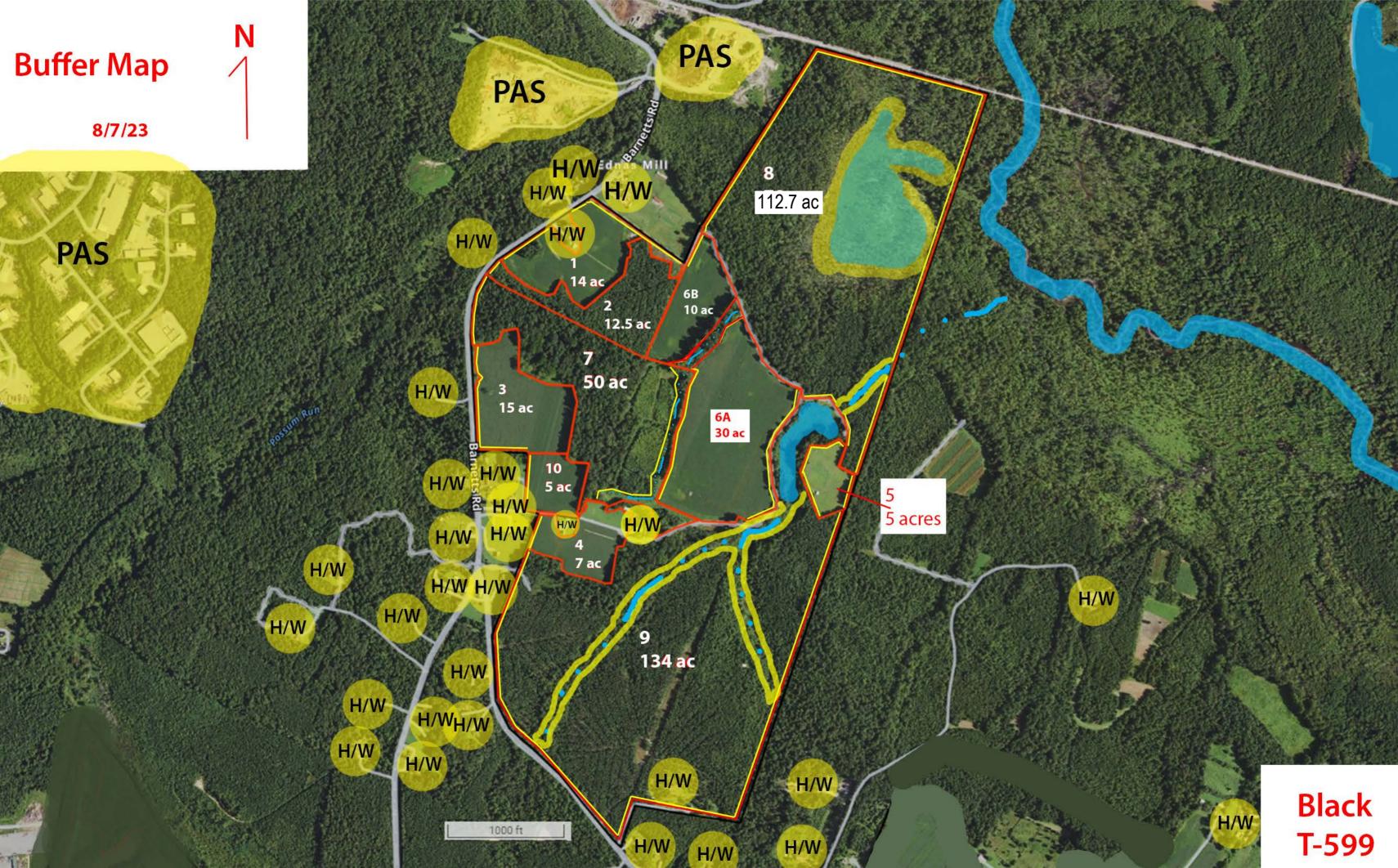
Public Water Supply
400 ft from Reservoir
100 ft stream/tributary

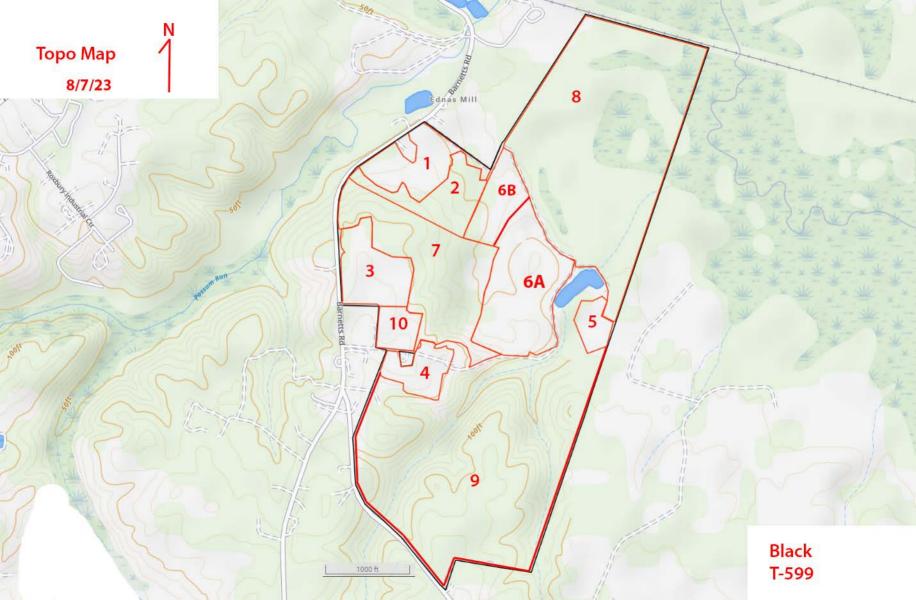
All Improved Roadways 10 Ft Buffer

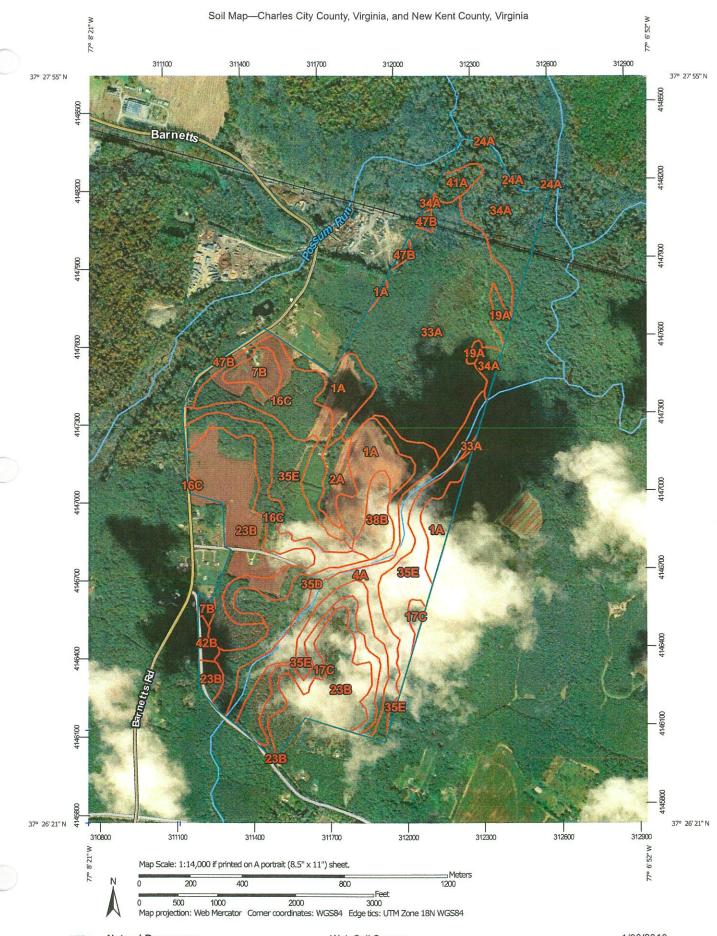
Water Supply Well or Spring 100 Ft Buffer

Cemetery









#### Area of Interest (AOI) Spoil Area Area of Interest (AOI) Stony Spot Soils Very Stony Spot 133 Soil Map Unit Polygons Wet Spot Soil Map Unit Lines Other Δ Soil Map Unit Points 緩 Special Line Features **Special Point Features Water Features (**0) Blowout Streams and Canals Borrow Pit Transportation \*\* Clay Spot Raits Closed Depression $\Diamond$ Interstate Highways Gravel Pit $\mathbb{X}$ **US Routes** Gravelly Spot 7 Major Roads Landfill Local Roads Lava Flow Background Marsh or swamp Aerial Photography Mine or Quarry 徼 (O) Miscellaneous Water Perennial Water Rock Outcrop 387 Saline Spot

Sandy Spot

Sinkhole

Slide or Slip Sodic Spot

Severely Eroded Spot

#### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at scales ranging from 1:15,800 to 1:24,000.

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 13, Aug 28, 2018

Soil Survey Area: New Kent County, Virginia Survey Area Data: Version 11, Aug 28, 2018

Your area of interest (AOI) includes more than one soil survey area. These survey areas may have been mapped at different scales, with a different land use in mind, at different times, or at different levels of detail. This may result in map unit symbols, soil properties, and interpretations that do not completely agree across soil survey area boundaries.

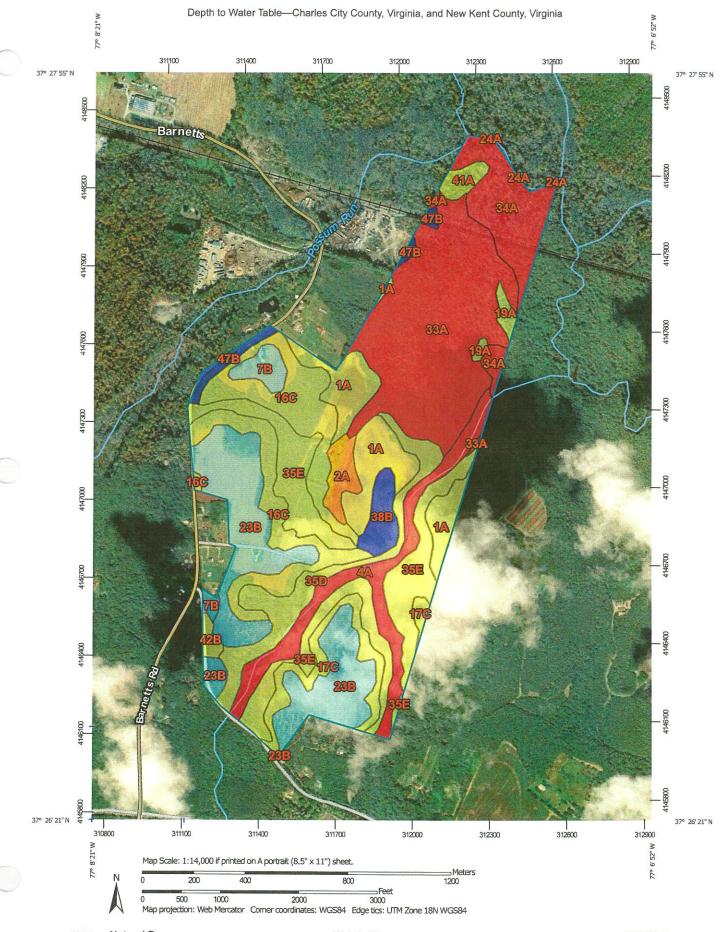
Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 11, 2015—Oct 27, 2017

# **Map Unit Legend**

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
1A	Altavista fine sandy loam, 0 to 3 percent slopes	35.1	8.0%
2A	Augusta sandy loam, 0 to 2 percent slopes	7.1	1.6%
4A	Bibb fine sandy loam, 0 to 2 percent slopes, frequently flooded		6.8%
7B	Caroline-Emporia complex, 2 to 6 percent slopes	7.3	1.7%
16C	Craven-Remlik complex, 6 to 10 percent slopes	52.5	12.0%
17C	Craven-Uchee complex, 6 to 10 percent slopes	15.0	3.4%
19A	Dragston fine sandy loam, 0 to 2 percent slopes	3.1	0.7%
23B	Emporia-Kempsville complex, 2 to 6 percent slopes	65.4	15.0%
33A	Nawney silt loam, 0 to 2 percent slopes, frequently flooded		21.0%
34A	Nawney silt loam, 0 to 2 percent slopes, ponded	29.7	6.8%
35D	Nevarc-Remlik complex, 10 to 15 percent slopes	24.2	5.5%
35E	Nevarc-Remlik complex, 15 to 25 percent slopes	55.3	12.7%
38B	Pamunkey loam, 2 to 6 percent slopes	8.3	1.9%
41A	Seabrook loamy sand, 0 to 2 percent slopes	4.1	1.0%
42B	Slagle fine sandy loam, 0 to 4 percent slopes	2.2	0.5%
47B	Udorthents, loamy, gently sloping	5.6	1.3%
Subtotals for Soil Survey A	rea	436.5	100.0%
Totals for Area of Interest		436.5	100.0%

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
24A	Nawney silt loam, 0 to 2 percent slopes, frequently flooded	0.1	0.0%
Subtotals for Soil Survey Area		0.1	0.0%
Totals for Area of Interest		436.5	100.0%



#### Area of Interest (AOI) Not rated or not available Area of Interest (AOI) **Water Features** Sails Streams and Canals Soil Rating Polygons Transportation 0 - 25 Rails 25 - 50 Interstate Highways 50 - 100 **US Routes** 100 - 150 Major Roads 150 - 200 Local Roads > 200 Background Not rated or not available Aerial Photography 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 scales ranging from 1:15,800 to 1:24,000.

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.

Soi Survey Area: Charles City County, Virginia Survey Area Data: Version 13, Aug 28, 2018

Soi Survey Area: New Kent County, Virginia Survey Area Data: Version 11, Aug 28, 2018

Your area of interest (AOI) includes more than one soil survey area. These survey areas may have been mapped at different scales, with a different land use in mind, at different times, or at different levels of detail. This may result in map unit symbols, soil properties, and interpretations that do not completely agree across soil survey area boundaries.

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

Data(s) aerial images were photographed: Apr 11, 2015—Oct 27, 2017

# **Depth to Water Table**

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
1A	Altavista fine sandy loam, 0 to 3 percent slopes	61	35.1	8.0%
2A	Augusta sandy loam, 0 to 2 percent slopes	46	7.1	1.6%
4A	Bibb fine sandy loam, 0 to 2 percent slopes, frequently flooded	23	29.7	6.8%
7B	Caroline-Emporia complex, 2 to 6 percent slopes	130	7.3	1.7%
10C	Craven-Remlik complex, 6 to 10 percent slopes	76	52.5	12.0%
17C	Craven-Uchee complex, 6 to 10 percent slopes	76	15.0	3.4%
19A	Dragston fine sandy loam, 0 to 2 percent slopes	53	3.1	0.7%
23B	Emporia-Kempsville complex, 2 to 6 percent slopes	107	65.4	15.0%
33A	Nawney silt loam, 0 to 2 percent slopes, frequently flooded	0	91.8	21.0%
34A	Nawney silt loam, 0 to 2 percent slopes, ponded	0	29.7	6.8%
35D	Nevarc-Remlik complex, 10 to 15 percent slopes	61	24.2	5.5%
35E	Nevarc-Remlik complex, 15 to 25 percent slopes	61	55.3	12.7%
38B	Pamunkey loam, 2 to 6 percent slopes	>200	8.3	1.9%
41A	Seabrook loamy sand, 0 to 2 percent slopes	76	4.1	1.0%
428	Slagle fine sandy loam, 0 to 4 percent slopes	61	2.2	0.5%
47B	Udorthents, loamy, gently sloping	>200	5.6	1.3%
Subtotals for Soil Surv	ey Area	Audio 44.2	436.5	100.0%
Totals for Area of Intere	est		436.5	100.0%

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
24A	Nawney silt loam, 0 to 2 percent slopes, frequently flooded	8	0.1	0.0%
Subtotals for Soil Surv	ey Area		0.1	0.0%
Totals for Area of Interest			436.5	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



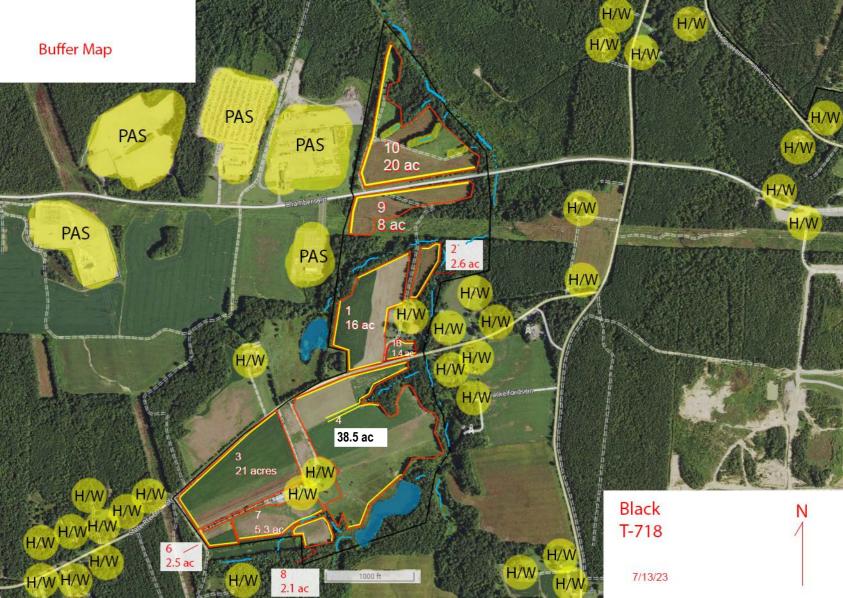


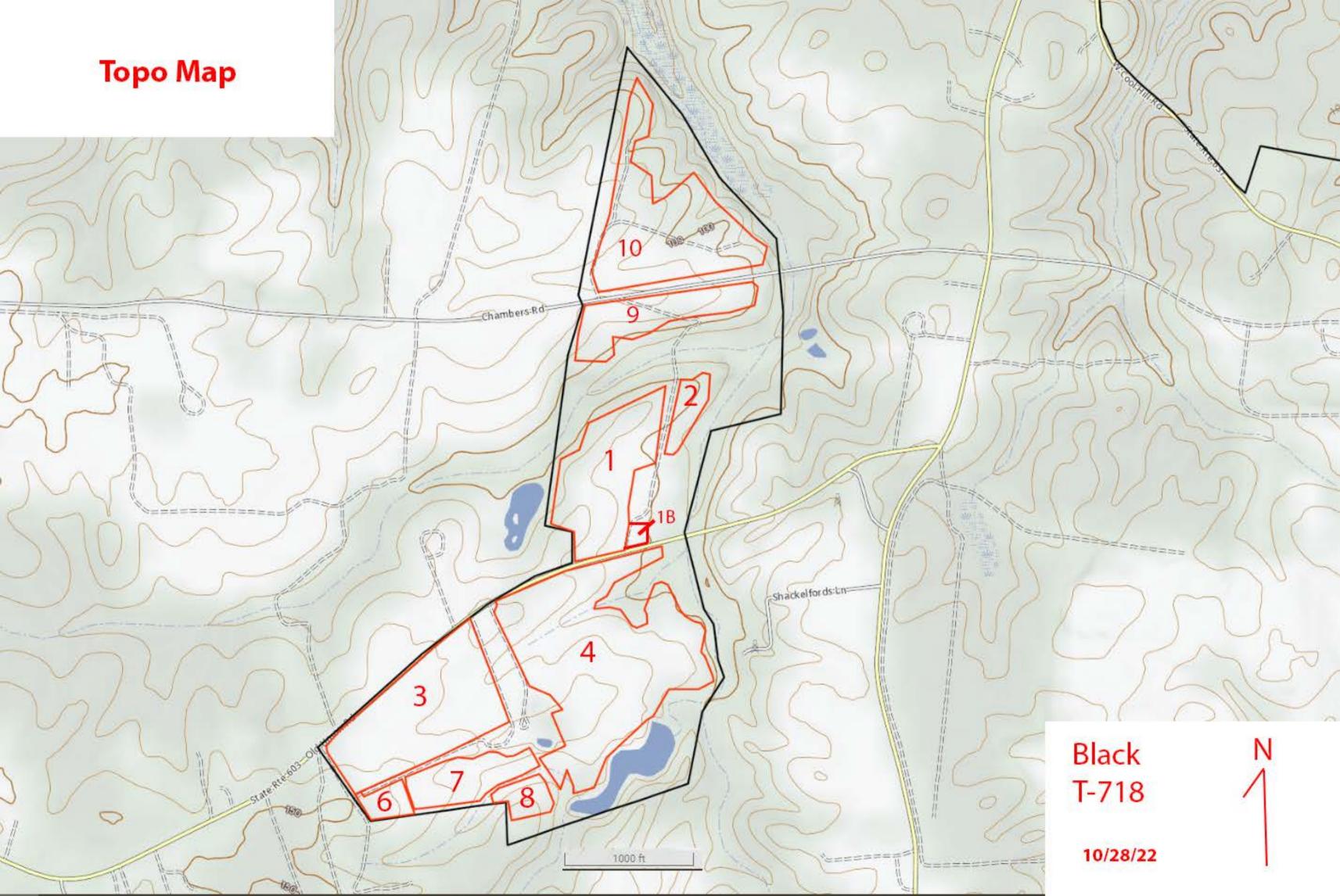
# FIELD DATA SHEET

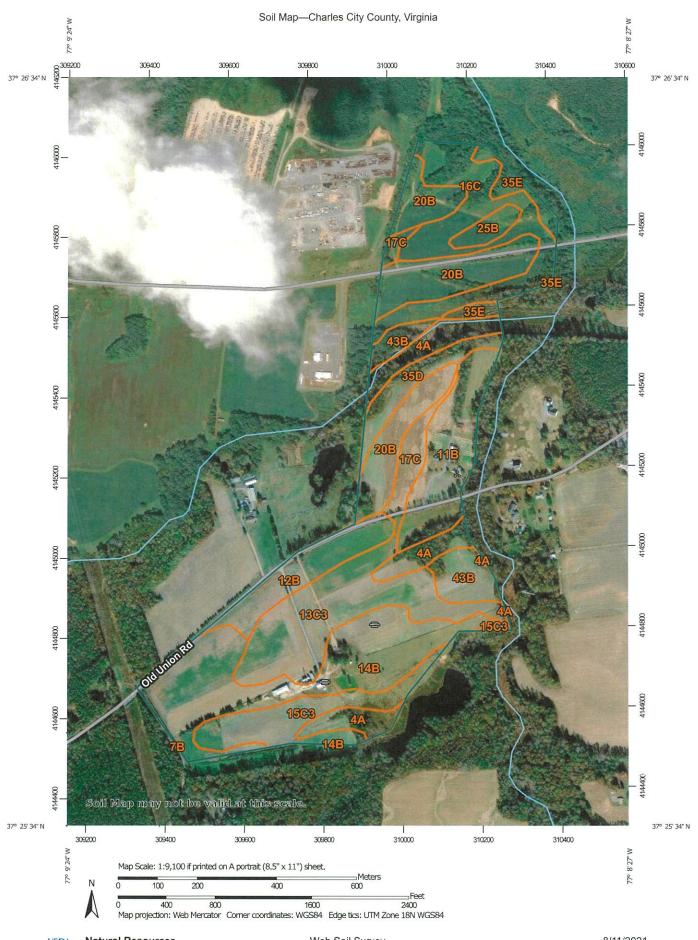
SITE NAME: Black TRACT: T-599

	FIELD	GROSS	FIELD	FARM CO	ORDINATES
	#	ACRES	TYPE	LATITUDE	LONGITUDE
1	599-1	14	Row Crop	37.451	-77.133
2	599-2	12.5	Row Crop	37.451	-77.133
3	599-3	15	Row Crop	37.451	-77.133
4	599-4	7	Row Crop	37.451	-77.133
5	599-5	5	Row Crop	37.451	-77.133
6	599-6A	30	Row Crop	37.451	-77.133
7	599-6B	10	Row Crop	37.451	-77.133
8	599-7	50	Row Crop	37.451	-77.133
9	599-8	112.7	Silviculture	37.451	-77.133
10	599-9	134	Silviculture	37.451	-77.133
11	599-10	5	Row Crop	37.451	-77.133
	TOTAL	395.2			









#### Area of Interest (AOI)

Area of Interest (AOI)

#### Soils

300

Soil Map Unit Polygons



Soil Map Unit Points

#### **Special Point Features**

(o) Blowout

⟨
⊠
 Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

... Gravelly Spot

Landfill

A Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

للب Saline Spot

್ಲಿ Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

A Stony Spot

Very Stony Spot

Spoil Area

⊕ Wet Spot

△ Other

Special Line Features

#### Water Features

Streams and Canals

#### Transportation

-1-1 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.

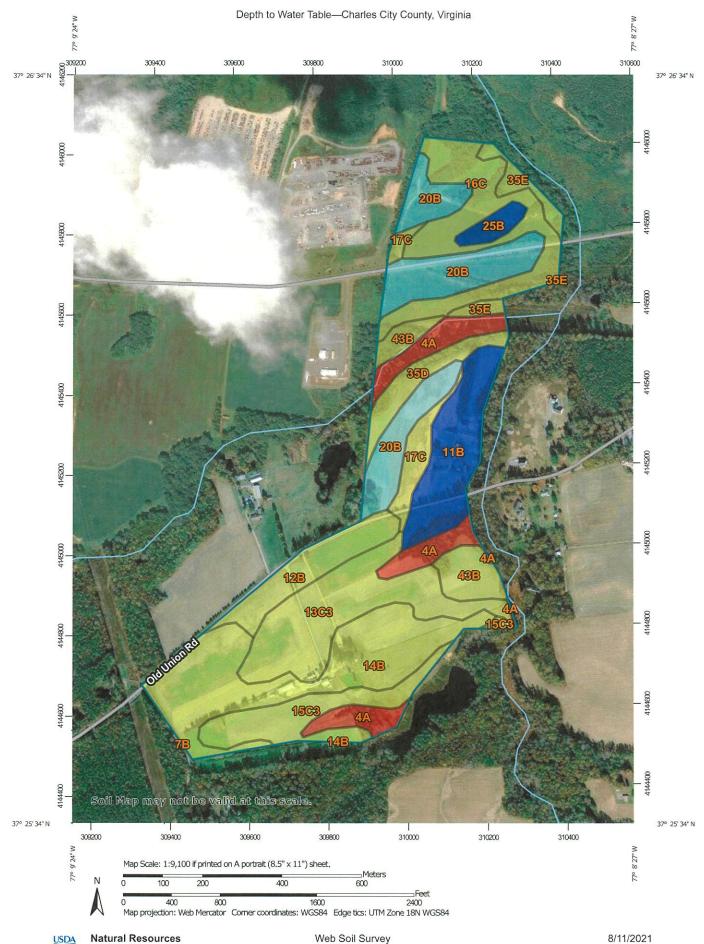
Soil Survey Area: Charles City County, Virginia Survey Area Data: Version 15, Jun 3, 2020

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

Date(s) aerial images were photographed: Apr 11, 2015—Oct 27, 2017

# **Map Unit Legend**

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
4A	Bibb fine sandy loam, 0 to 2 percent slopes, frequently flooded	11.5	7.3%
7B	Caroline-Emporia complex, 2 to 6 percent slopes	0.0	0.0%
11B	Conetoe loamy sand, 0 to 4 percent slopes	13.9	8.8%
12B	Craven loam, 2 to 6 percent slopes	9.0	5.7%
13C3	Craven clay loam, 6 to 10 percent slopes, severely eroded	21.2	13.4%
14B	Craven-Caroline complex, 2 to 6 percent slopes	28.8	18.2%
15C3	Craven-Caroline complex, 6 to 10 percent slopes, severely eroded	11.4	7.2%
16C	Craven-Remlik complex, 6 to 10 percent slopes	18.0	11.4%
17C	Craven-Uchee complex, 6 to 10 percent slopes	4.7	3.0%
20B	Emporia fine sandy loam, 2 to 6 percent slopes	21.5	13.6%
25B	Kempsville loamy sand, 2 to 6 percent slopes	2.3	1.5%
35D	Nevarc-Remlik complex, 10 to 15 percent slopes	5.4	3.4%
35E	Nevarc-Remlik complex, 15 to 25 percent slopes	3.6	2.3%
43B	Slagle-Emporia complex, 2 to 6 percent slopes	6.8	4.3%
Totals for Area of Interest	<del></del>	158.2	100.0%



#### Area of Interest (AOI)

Area of Interest (AOI)

#### Soils

#### Soil Rating Polygons

0 - 25

25 - 50

50 - 100

100 - 150

150 - 200

Not rated or not available

#### 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

> 200

-

50 - 100

150 - 200

100 - 150

-

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: Apr 11, 2015—Oct 27, 2017

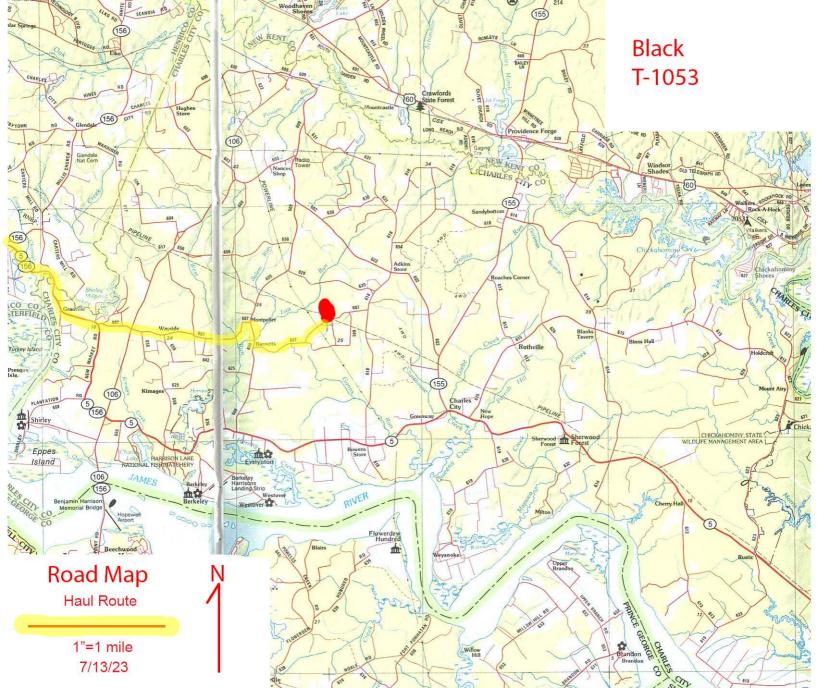
# **Depth to Water Table**

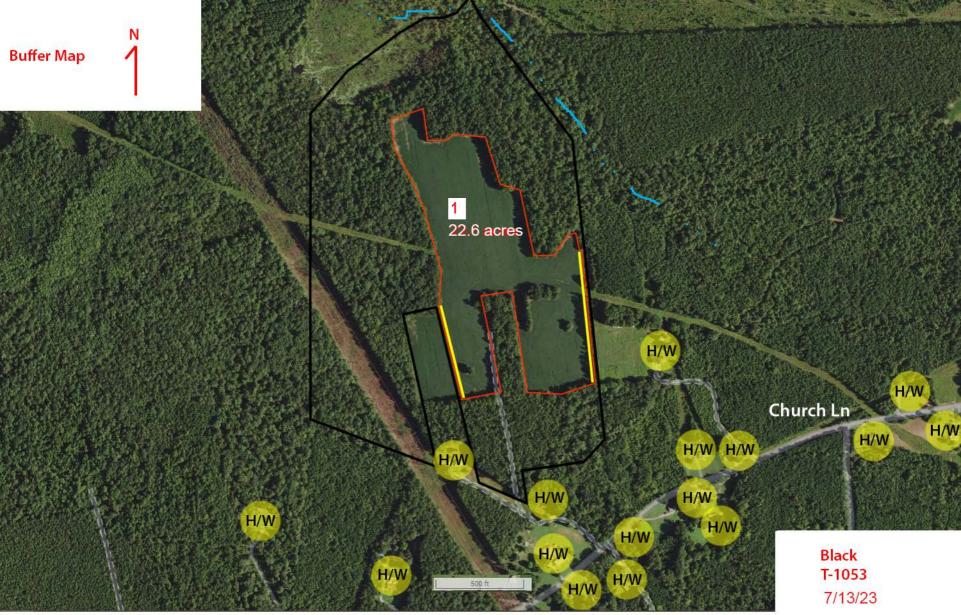
Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
4A	Bibb fine sandy loam, 0 to 2 percent slopes, frequently flooded	23	11.5	7.3%
7B	Caroline-Emporia complex, 2 to 6 percent slopes	130	0.0	0.0%
11B	Conetoe loamy sand, 0 to 4 percent slopes	>200	13.9	8.8%
12B	Craven loam, 2 to 6 percent slopes	76	9.0	5.7%
13C3	Craven clay loam, 6 to 10 percent slopes, severely eroded	76	21.2	13.4%
14B	Craven-Caroline complex, 2 to 6 percent slopes	76	28.8	18.2%
15C3	Craven-Caroline complex, 6 to 10 percent slopes, severely eroded	76	11.4	7.2%
16C	Craven-Remlik complex, 6 to 10 percent slopes	76	18.0	11.4%
17C	Craven-Uchee complex, 6 to 10 percent slopes	.76	4.7	3.0%
20B	Emporia fine sandy loam, 2 to 6 percent slopes	107	21.5	13.6%
25B	Kempsville loamy sand, 2 to 6 percent slopes	>200	2.3	1.5%
35D	Nevarc-Remlik complex, 10 to 15 percent slopes	61	5.4	3.4%
35E	Nevarc-Remlik complex, 15 to 25 percent slopes	61	3,6	2.3%
43B	Slagle-Emporia complex, 2 to 6 percent slopes	61	6.8	4.3%
Totals for Area of Inter			158.2	100.0%

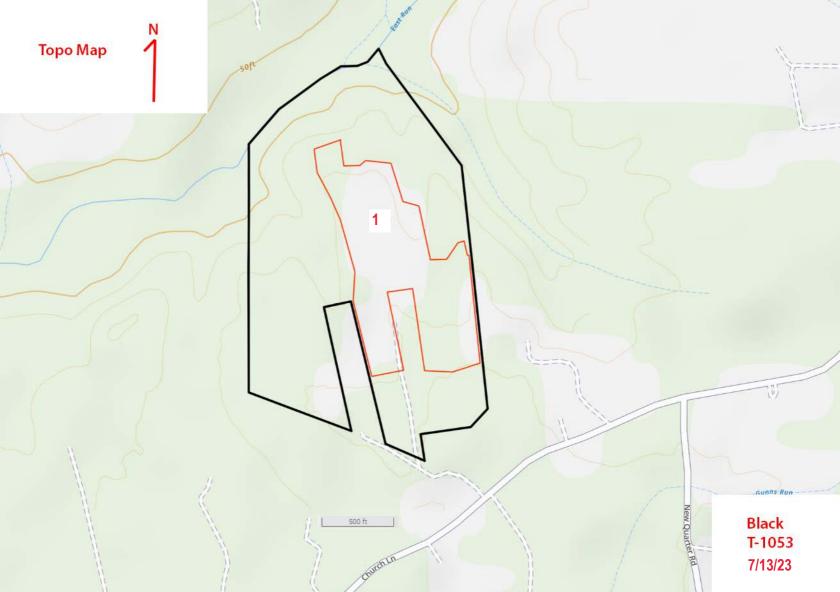
# Black Tract T-718 Field Data Sheet

Field	Total	Tract C	oordinates	•13
222	Acres	Latitude	Longitude	Field Type
718-1 718-1B 718-2 718-3 718-4 718-6 718-7 718-8 718-9 718-10	16.0 1.4 2.6 21.0 38.5 2.5 5.3 2.1 8.0 20.0	37.4314	-77.1479	Agriculture
SUM	117.4			_

<sup>\*</sup>All Latitude/Longitude Points were obtained through Google Earth









#### Area of Interest (AOI)

Area of Interest (AOI)

#### Soils

Soil Map Unit Polygons



Soil Map Unit Points

#### **Special Point Features**

(o) Blowout

[5] Borrow Pit

Clay Spot

Closed Depression

... 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

Sinkhole

& Slide or Slip

⊗ Sodic Spot

Stony Spot

Very Stony Spot

Spoil Area

y Wet Spot

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: 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: Mar 27, 2021—Apr 7, 2021

# **Map Unit Legend**

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
5A	Bojac loamy fine sand, 0 to 2 percent slopes	0.4	2.0%
12B	Craven loam, 2 to 6 percent slopes	7.9	37.7%
17C	Craven-Uchee complex, 6 to 10 percent slopes	6.1	29.1%
42B	Slagle fine sandy loam, 0 to 4 percent slopes	6.5	31.2%
Totals for Area of Interest		21.0	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)

Soils

### Soil Rating Polygons

0 - 25

25 - 50

50 - 100

100 - 150 150 - 200

100

> 200

Not rated or not available

#### Soil Rating Lines

-

0 - 25

\_

50 - 100

100 - 150

Name of Street

150 - 200

> 200

Not rated or not available

#### So I 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 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: Mar 27, 2021—Apr 7, 2021

### **Depth to Water Table**

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
5A	Bojac loamy fine sand, 0 to 2 percent slopes	152	0.4	2.0%
12B	Craven loam, 2 to 6 percent slopes	76	7.9	37.7%
17C	Craven-Uchee complex, 6 to 10 percent slopes	76	6.1	29.1%
42B	Slagle fine sandy loam, 0 to 4 percent slopes	61	6.5	31.2%
Totals for Area of Inter	rest	i	21.0 ;	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.

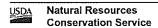
This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative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



## Black Tract T-1053 Field Data Sheet

Field	Total	Tract C	oordinates	
	Acres	Latitude	Longitude	Field Type
1053-1	22.6	37.3781	-77.1292	Agriculture
SUM	22.6			

\*All Latitude/Longitude Points were obtained through Google Earth