

James Tyler

DEQ CONTROL NUMBER	SITE BOOK NAME	FIELD ID	GROSS ACRES	ADJUSTED GROSS ACRES	CHANGE + / -	LANDOWNER	TAX PARCEL	NOTES
					0.0			
51036-00071-0000	Tyler	229-1	28.9	28.9	0.0	James Tyler, Alice Tyler	55-3	
51036-00073-0000	Tyler	229-3	24.3	24.3	0.0	James Tyler, Alice Tyler	55-3	
51036-00073-0000	Tyler	229-4	39.1	39.1	0.0	James Tyler, Alice Tyler	55-3	
51036-00073-0000	Tyler	229-5	11.2	11.2	0.0	James Tyler, Alice Tyler	55-5	
					0.0			
					0.0			
					0.0			
					0.0			
					0.0			
					0.0			
					0.0			
					0.0			
					0.0			
					0.0			
					0.0			
					0.0			
					0.0			
					0.0			
		TOTALS	103.5	103.5	0.0			

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

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 12th of December 2016 between Alice & James Tyler Jr Trustees referred to here as "Landowner", and Nutri-Blend Inc., referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

The Landowner is the owner of record of the real property located in Charles City, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges

Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
<u>55-3</u>			
<u>55-5</u>			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☐ The Landowner is the sole owner of the properties identified herein.
☒ The Landowner is one of multiple owners of the properties 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.

<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

<u>ALICE WATT TYLER & JAMES A. TYLER JR Trustees</u>	<u>Alice Watt Tyler, Trustee</u>	<u>21400 GOOSE POND LN CHARLES CITY VA 23030</u>
Landowner - Printed Name, Title	Signature	Mailing Address

PH: 804-586-3805

Permittee:

Nutri-Blend Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☒ 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)

Bill Burnett
Permittee - Authorized Representative
Printed Name

Bill Burnett
Signature

Nutri-Blend, Inc.
PO Box 38060
Henrico, VA 23231

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

Permittee: Nutri-Blend County or City: Charles City

Landowner: ALICE WATT TYLER & JAMES A. TYLER JR., TRUSTEE

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
 - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
 - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
 - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
 - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
 - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
 - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
 - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
 - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

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

✓ Alice Watt Tyler Trustee James A. Tyler Jr. Trustee
Landowner's Signature

12/12/16
Date

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

Permittee:

NUTRIBLEND INC SITE: James Tyler

County or City:

Charles City

Please Print

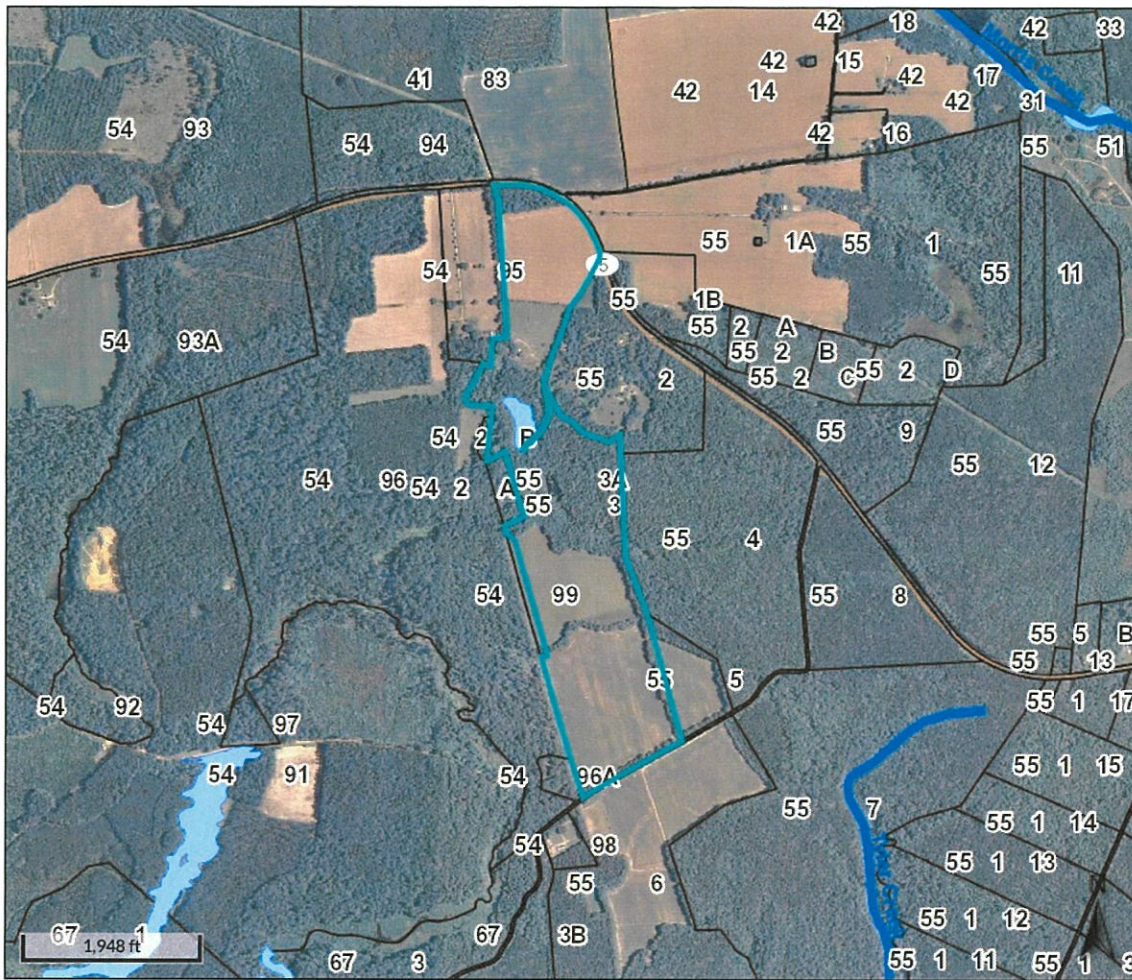
(Landowner signatures are not required on this

<u>Tax Parcel ID(s)</u>	<u>Landowner(s)</u>
55-3	James Tyler, Alice Tyler
55-5	James Tyler, Alice Tyler



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Charles City County, VA



Overview



Legend

- Parcels
- Parcel Numbers
- Streams & Rivers
- Water Bodies
- Roads

Parcel ID 55 3 Alternate ID 6743 Owner Address TYLER, ALICE WATT & JAMES A. JR.
Sec/Twp/Rng n/a Class VACANT TRUSTEES
Property Address 0 Acreage 153.48 11400 GOOSE POND LANE
CHARLES CITY, VA 23030

Last 2 Sales

Date	Price	Reason	Qual
6/7/2007	0	n/a	U
n/a	0	n/a	n/a

District HARRISON

Brief

Tax Description SHERWOOD FOREST-PARCEL B PS#189 DB 63-577 INST#070000714

(Note: Not to be used on legal documents)

Date created: 9/15/2021

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

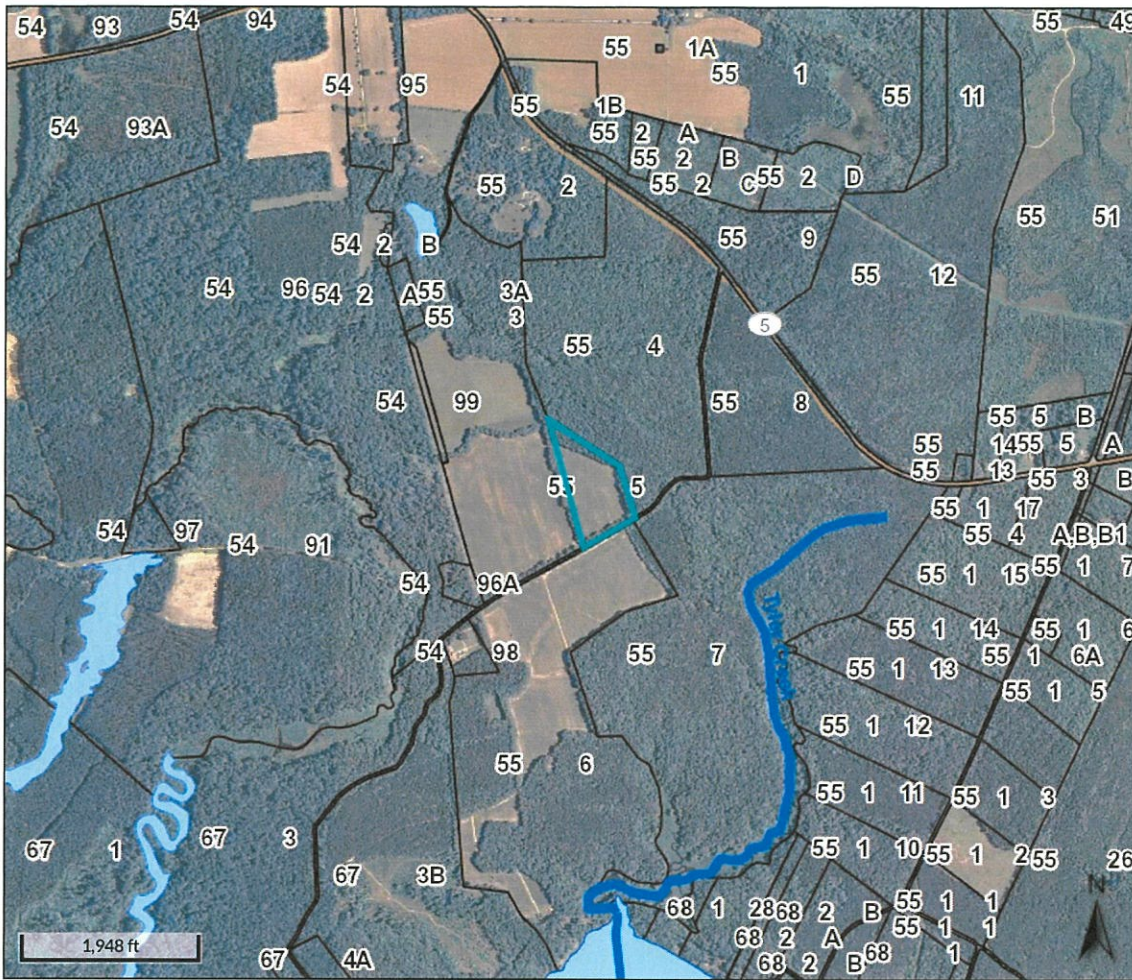
Developed by Schneider
GEOSPATIAL

TAX MAP



qPublic.net™

Charles City County, VA



Overview



Legend

- Parcels
- Parcel Numbers
- Streams & Rivers
- Water Bodies
- Roads

Parcel ID 55 5 Alternate ID 3665 Owner Address TYLER, ALICE WATT & JAMES A. JR.
Sec/Twp/Rng n/a Class VACANT TRUSTEES
Property Address 0 Acreage 13.7 11400 GOOSE POND LANE
CHARLES CITY, VA 23030

Last 2 Sales
Date Price Reason Qual
6/7/2007 0 n/a U
n/a 0 n/a n/a

District TYLER
Brief
Tax Description SHERWOOD FOREST-PAR. D PS#189 DB 63-577 DB 110-234 INST#070000714

(Note: Not to be used on legal documents)

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

Developed by Schneider
GEOSPATIAL

TAX MAP



FIELD DATA SHEET

SITE NAME: James Tyler

TRACT: T-229

	FIELD #	GROSS ACRES	FIELD TYPE	FIELD COORDINATES		OWNER
				LATITUDE	LONGITUDE	
1						
2	229-1	28.9	Hay	37.326	-77.019	James Tyler, Alice Tyler
3	229-3	24.3	Hay			James Tyler, Alice Tyler
4	229-4	39.1	Hay			James Tyler, Alice Tyler
5	229-5	11.2	Hay			James Tyler, Alice Tyler
6						
7						
8						
##						
##						
	TOTAL	103.5				



SITE BOOK INFORMATION

COUNTY: Charles City -- VPA00828
SITE BOOK NAME: James Tyler
TRACT NUMBERS:

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

LANDOWNER NAME: see landowner coordination form

OPERATORS NAME: James Tyler
ADDRESS: 11400 Goose Pond Ln
Charles City, VA
TELEPHONE #: (804) 586-3805

GENERAL FARM TYPE: Agriculture - Hay

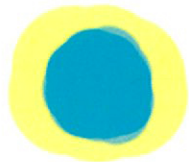
	DEQ CONTROL #	FIELD ID #	GROSS ACRES	TAX ID #
1				
2	51036-00071-0000	229-1	28.9	55-3
3	51036-00073-0000	229-3	24.3	55-3
4	51036-00073-0000	229-4	39.1	55-3
5	51036-00073-0000	229-5	11.2	55-5
6				
##				
##				
TOTAL GROSS ACRES			103.5	
TOTAL NUMBER OF FIELDS				

MAP KEY

Highlighted Roads
Show Haul Route (Road Map)

Property Line

100 ft Buffer



Water (Surface)

100 ft without Veg Buffer
35 ft with Veg Buffer



Field Boundary

rk

Rock Outcrop

50 ft Buffer



Slope

15% Max



Sink Hole

100 ft Buffer



Intermittant Stream

Refer tp Water and
PWS setbacks

H/W

House/Well

200 ft Buffer

PAS

Publicly Accessible Site

200 ft from Property Line
400 ft from PAS

PWS

Public Water Supply

400 ft from Reservoir
100 ft stream/tributary

All Improved Roadways

10 Ft Buffer

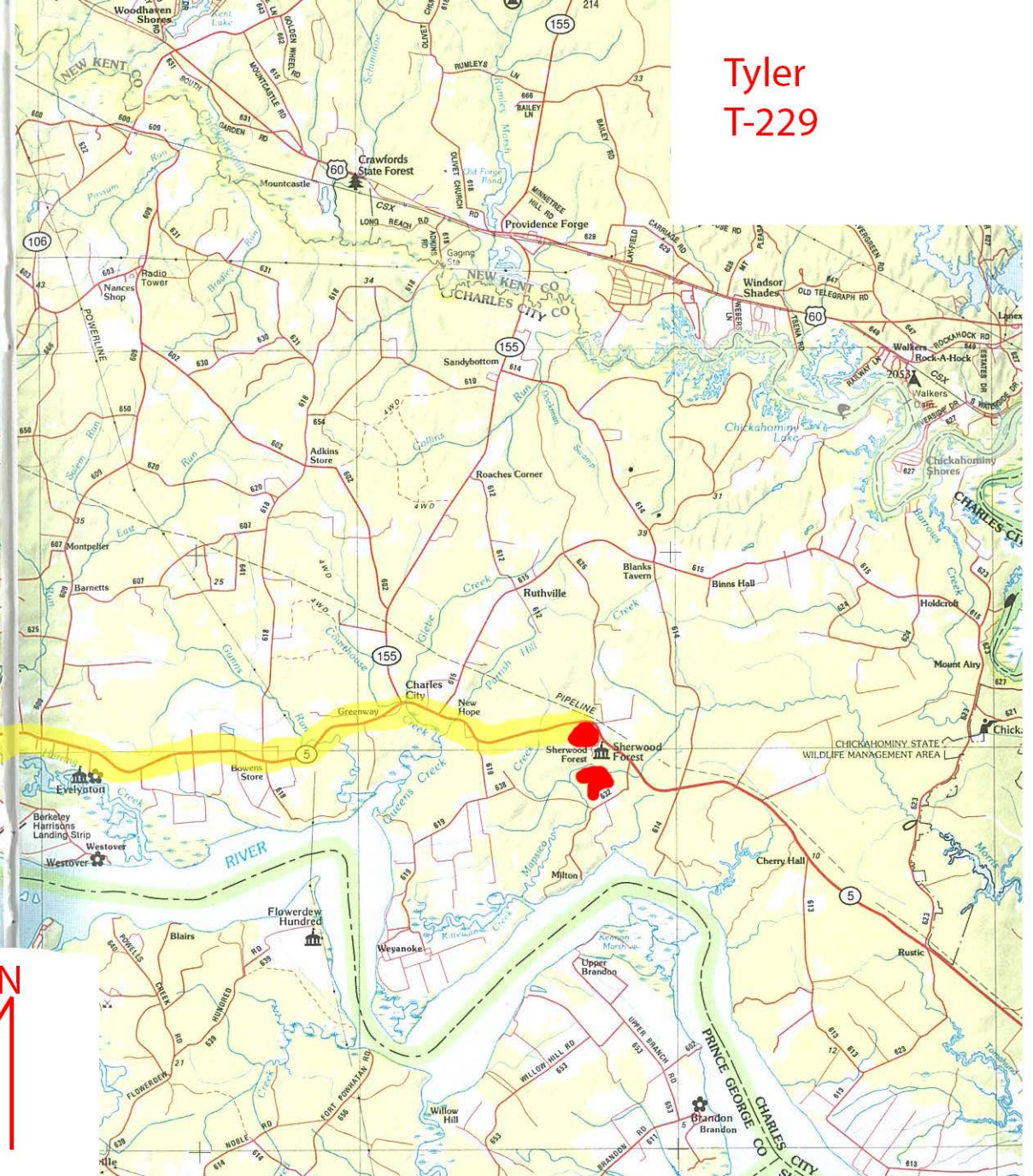
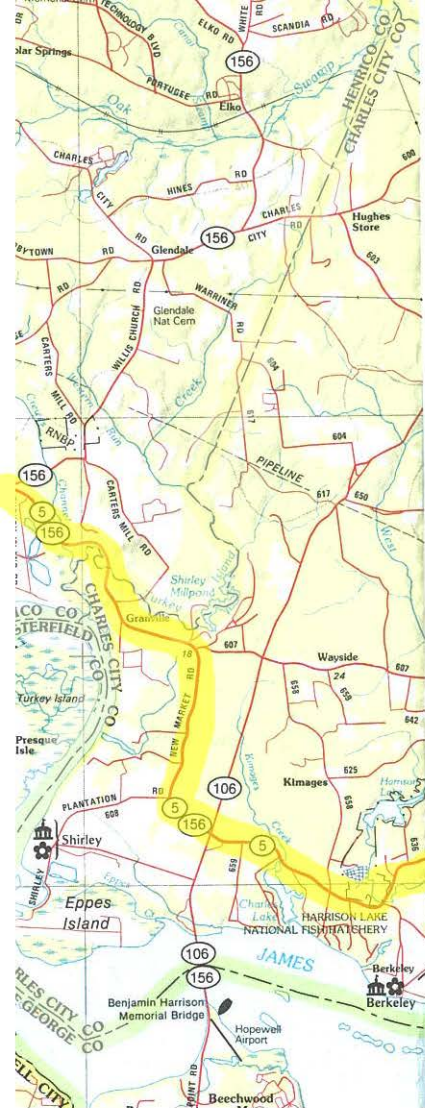


Water Supply Well or Spring

100 Ft Buffer

CEM

Cemetery



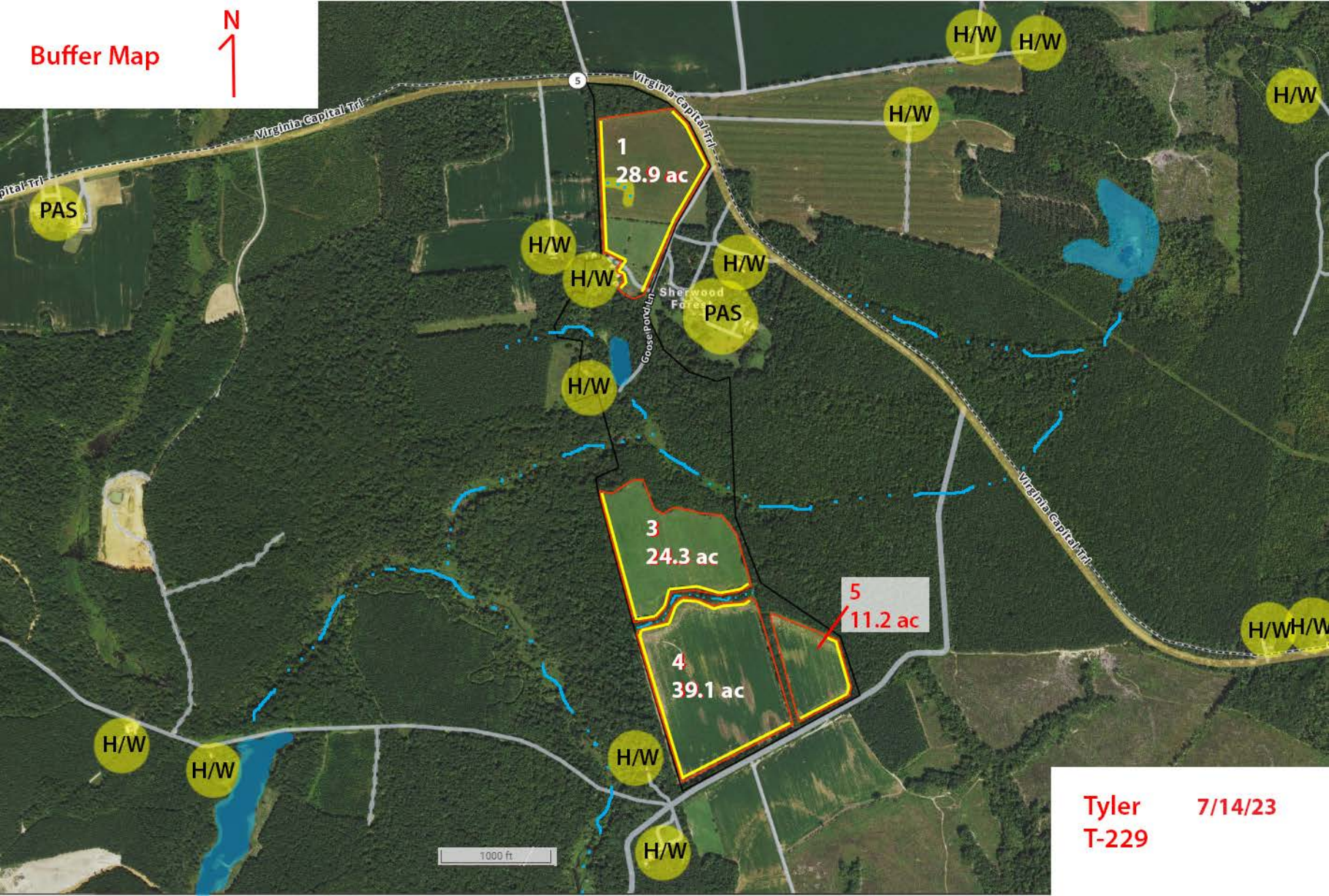
Tyler
T-229

Road Map
Haul Route



1"=1 mile
7/14/23

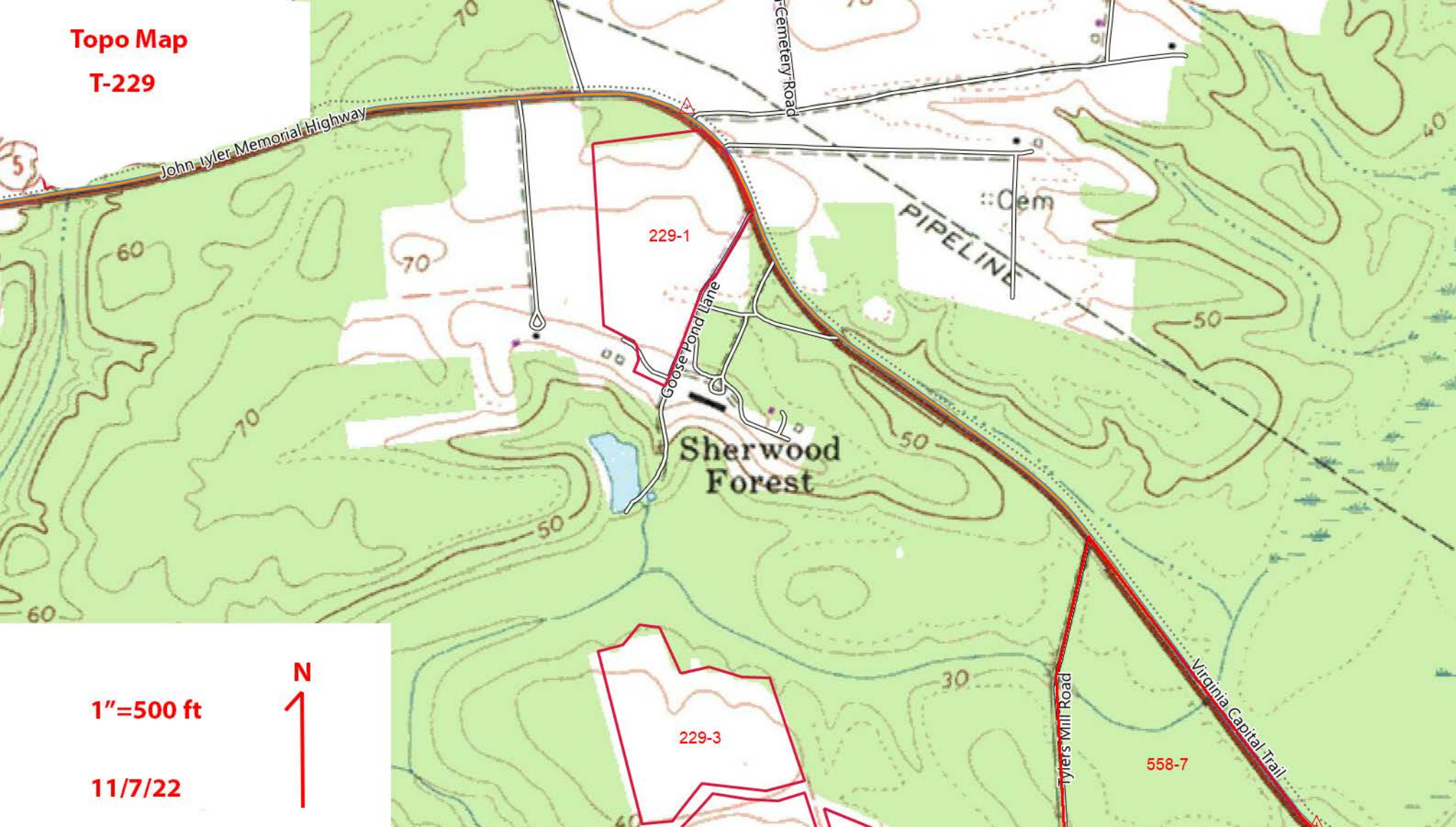
Buffer Map



Tyler
T-229

7/14/23

Topo Map
T-229



1"=500 ft

11/7/22





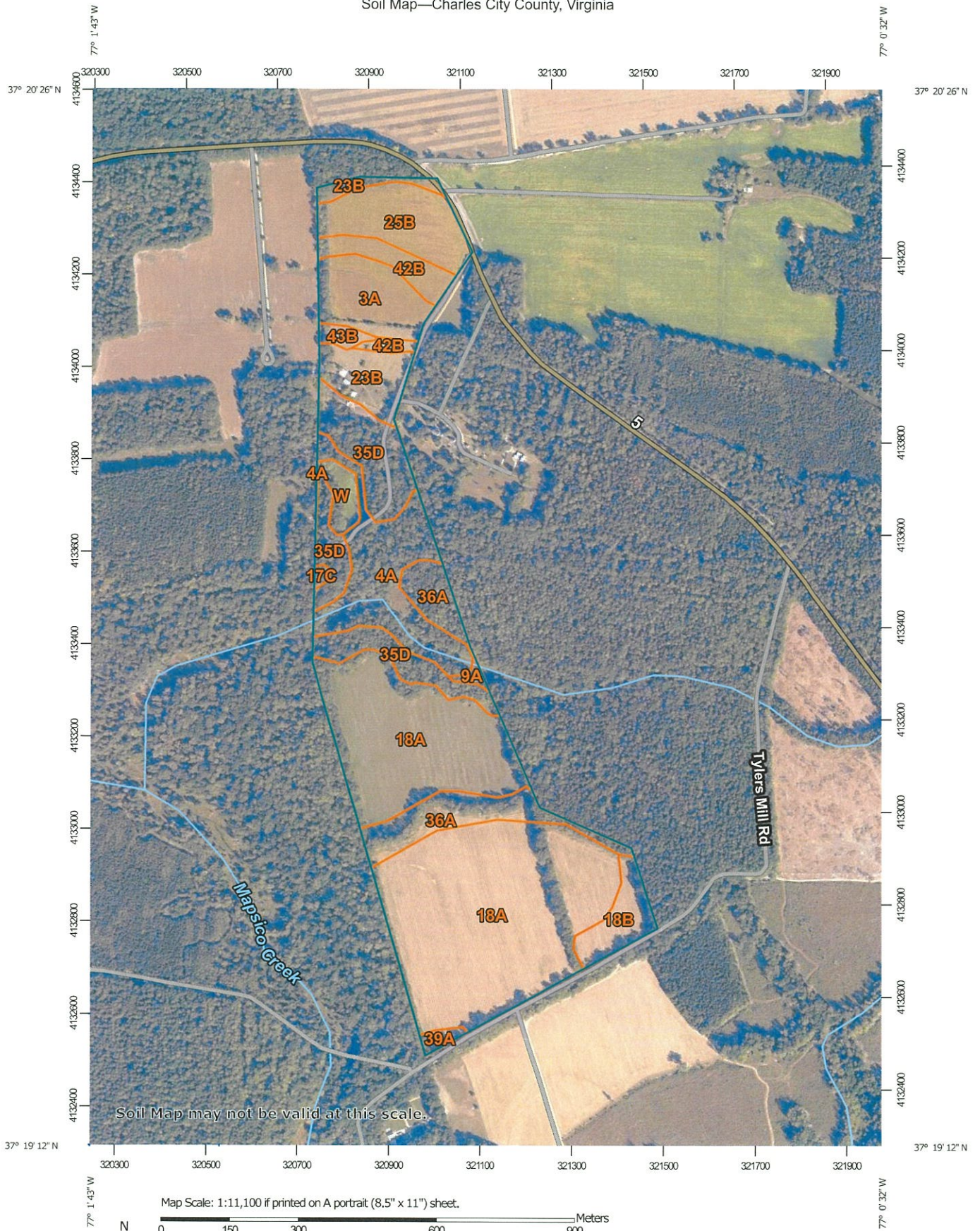
Topo Map
Tracts included:
Tyler T-229
Tyler T-558
Tyler T-2159

1"=1000 ft

1/7/22



Soil Map—Charles City County, Virginia




Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

9/9/2021
Page 1 of 3

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot




Other



Special Line Features

Water Features

 Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Charles City County, Virginia

Survey Area Data: Version 15, Jun 3, 2020

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

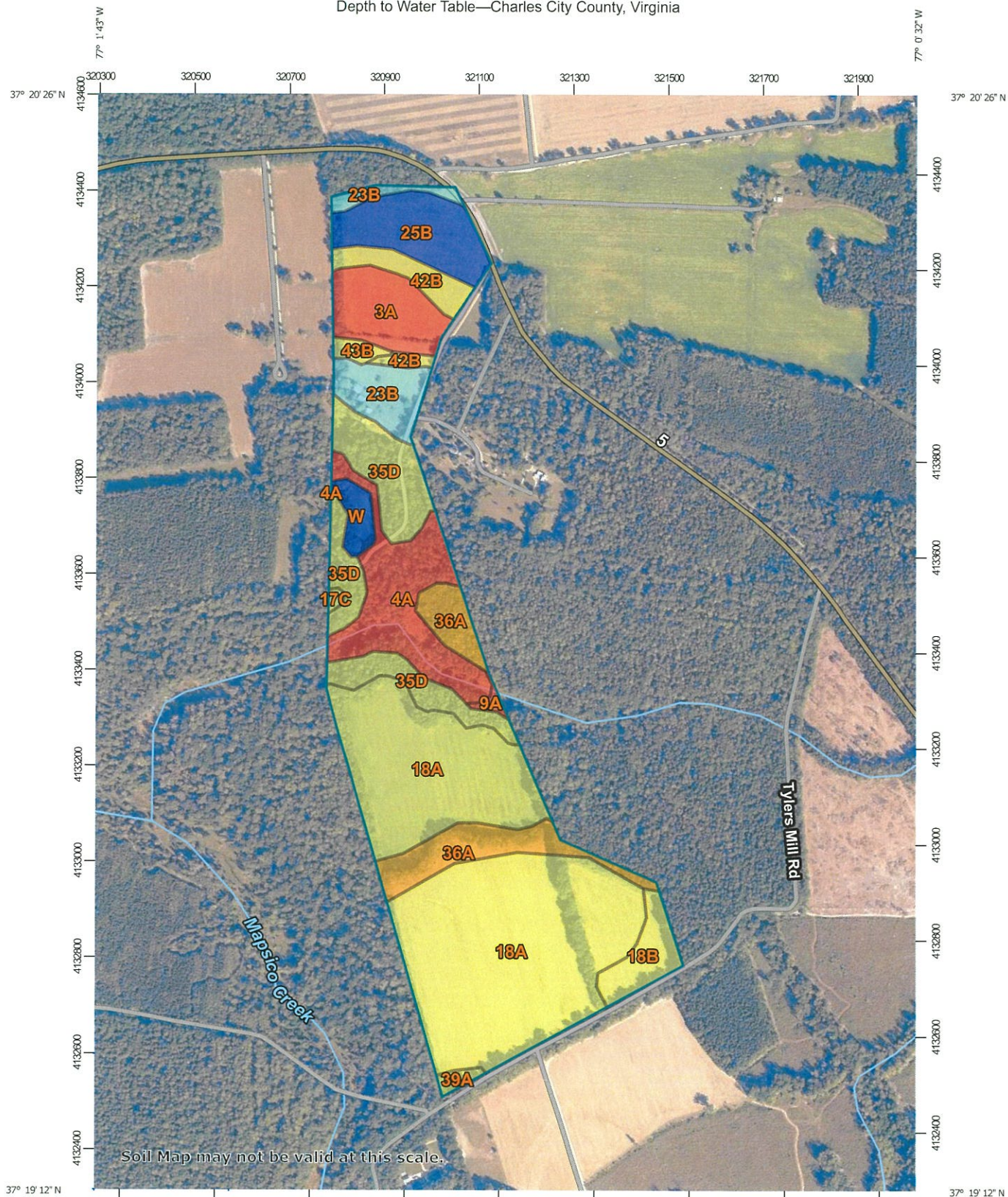
Date(s) aerial images were photographed: Oct 11, 2019—Oct 15, 2019

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
3A	Bethera silt loam, 0 to 2 percent slopes	8.5	5.6%
4A	Bibb fine sandy loam, 0 to 2 percent slopes, frequently flooded	15.0	9.9%
9A	Chickahominy loam, 0 to 2 percent slopes	0.5	0.3%
17C	Craven-Uchee complex, 6 to 10 percent slopes	0.3	0.2%
18A	Dogue silt loam, 0 to 2 percent slopes	69.7	45.7%
18B	Dogue silt loam, 2 to 6 percent slopes	4.7	3.1%
23B	Emporia-Kempsville complex, 2 to 6 percent slopes	7.2	4.7%
25B	Kempsville loamy sand, 2 to 6 percent slopes	9.8	6.4%
35D	Nevarc-Remlik complex, 10 to 15 percent slopes	16.4	10.8%
36A	Newflat silt loam, 0 to 2 percent slopes	11.3	7.4%
39A	Peawick silt loam, 0 to 2 percent slopes	0.8	0.5%
42B	Stagle fine sandy loam, 0 to 4 percent slopes	4.7	3.1%
43B	Stagle-Emporia complex, 2 to 6 percent slopes	1.1	0.7%
W	Water	2.3	1.5%
Totals for Area of Interest		152.3	100.0%

Depth to Water Table—Charles City County, Virginia



Map Scale: 1:11,100 if printed on A portrait (8.5" x 11") sheet.

0 150 300 600 900 Meters
0 500 1000 2000 3000 Feet

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

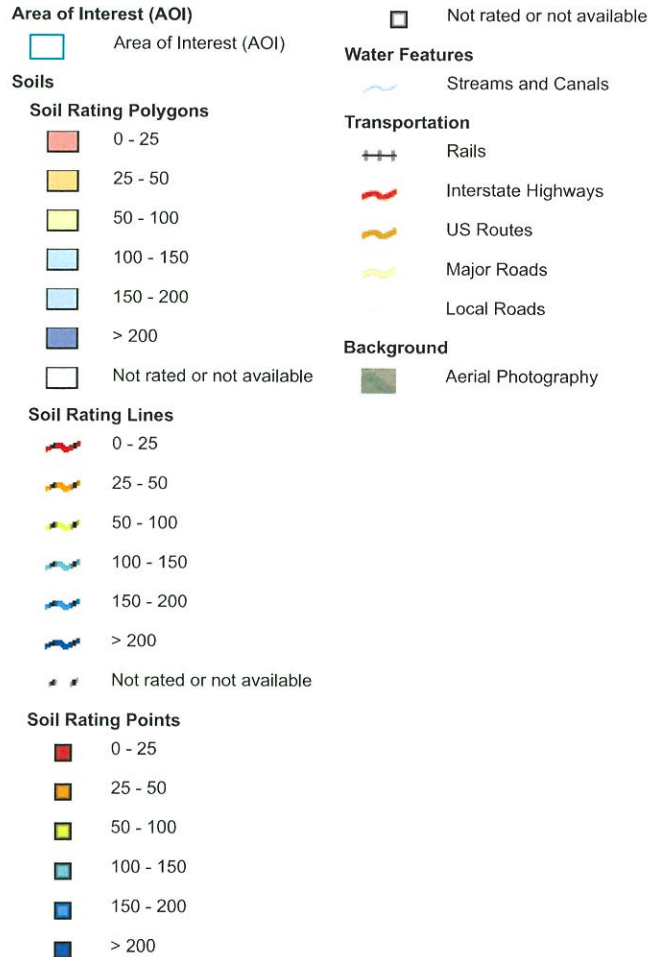


Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

9/9/2021
Page 1 of 4

MAP LEGEND



MAP INFORMATION

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

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

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

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Depth to Water Table

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
3A	Bethera silt loam, 0 to 2 percent slopes	0	8.5	5.6%
4A	Bibb fine sandy loam, 0 to 2 percent slopes, frequently flooded	23	15.0	9.9%
9A	Chickahominy loam, 0 to 2 percent slopes	8	0.5	0.3%
17C	Craven-Uchee complex, 6 to 10 percent slopes	76	0.3	0.2%
18A	Dogue silt loam, 0 to 2 percent slopes	61	69.7	45.7%
18B	Dogue silt loam, 2 to 6 percent slopes	61	4.7	3.1%
23B	Emporia-Kempsville complex, 2 to 6 percent slopes	107	7.2	4.7%
25B	Kempsville loamy sand, 2 to 6 percent slopes	>200	9.8	6.4%
35D	Nevarc-Remlik complex, 10 to 15 percent slopes	61	16.4	10.8%
36A	Newflat silt loam, 0 to 2 percent slopes	31	11.3	7.4%
39A	Peawick silt loam, 0 to 2 percent slopes	61	0.8	0.5%
42B	Slagle fine sandy loam, 0 to 4 percent slopes	61	4.7	3.1%
43B	Slagle-Emporia complex, 2 to 6 percent slopes	61	1.1	0.7%
W	Water	>200	2.3	1.5%
Totals for Area of Interest			152.3	100.0%

Tyler
Tract T-229
Field Data Sheet

Field	Total	Tract Coordinates		Field Type
	Acres	Latitude	Longitude	
229-1	28.9	37.3261	-77.0196	Agriculture
229-3	24.3			Agriculture
229-4	39.1			Agriculture
229-5	11.2			Agriculture
SUM	103.5			

*All Latitude/Longitude Points were obtained through Google Earth