

**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 12-1-18 between Eric L Keck referred to here as "Landowner", and Nutri-Blend, 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) with county documentation identifying owners, 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>29-61</u>	<u>29-69</u>		
<u>29-59</u>	<u>18-16</u>		
<u>29-58</u>	<u>18-17</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.

Class B biosolids Water treatment residuals Food processing waste Other industrial sludges
☒ Yes ☐ No ☐ Yes ☒ No ☐ Yes ☒ No ☐ Yes ☒ No

Printed name <u>Eric Keck</u>	Mailing Address <u>6400 Sturges Rd. Providence, VA</u>	Landowner Signature <u>[Signature]</u>
By: <u>Owner</u>	Phone No. <u>804 2410 7926</u>	
<input type="checkbox"/> I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc. <input type="checkbox"/> I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.		

Permittee:

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

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

Printed name <u>Bill Burnett</u>	Mailing Address <u>38060 PO Box Henrico, VA 23231</u>	Permittee- Authorized Representative Signature <u>Bill Burnett</u>
Title <u>Office Manager</u>	Phone No. <u>804-222-7514</u>	

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

Permittee: Nutri - Blend County or City: Charles City
Landowner: Eric Keck

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).

[Signature]
Landowner's Signature

12/20/18
Date

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 12/20/18 between Andrew Keck Revocable Trust referred to here as "Landowner", and Nutri-Blend, 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) with county documentation identifying owners, 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>18-15</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.

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

Printed name <u>The Andrew Keck Revocable Trust</u>	Mailing Address <u>6900 Stuyvesant Point RD Providence VA 23140</u>	Landowner Signature <u>[Signature]</u>
By: <u>Eric Keck</u>	Phone No. <u>804-966-5039</u>	
Title* <u>POA</u>		

*☒ 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:

Nutri-Blend, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia. The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

Printed name <u>Bill Burnett</u>	Mailing Address <u>PO Box 38060 Henrico, VA 23231</u>	Permittee- Authorized Representative Signature <u>[Signature]</u>
Title <u>Office Manager</u>	Phone No. <u>804-222-7514</u>	

www

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

Permittee: Nutri - Blend County or City: Charles City
Landowner: The Andrew Keck Revocable Trust

Landowner Site Management Requirements:

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


Landowner's Signature

12/20/18
Date

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

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

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

Permittee:

NUTRIBLEND INC SITE: Keck

County or City:

Charles City

Please Print

(Landowner signatures are not required on this

<u>Tax Parcel ID(s)</u>	<u>Landowner(s)</u>
18-15	The Andrew Keck Jr Revocable Trust
18-16	E.L. Keck
18-17	Eric L. Keck
29-69	Eric Keck
29-61	Eric Keck
29-59	Eric L. Keck
29-58	Eric L. Keck

NUTRIBLEND INC
CHARLES CITY
Eric Keck

[illegible]



SITE BOOK INFORMATION

COUNTY: Charles City -- VPA00828
 SITE BOOK NAME: Keck
 TRACT NUMBERS: T-1815, T-2961

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

LANDOWNER NAME: see landowner coordination form

OPERATORS NAME: Eric Keck
 ADDRESS: 6900 Sturgeon Point Rd
 Providence Forge, VA
 TELEPHONE #:

GENERAL FARM TYPE: Hay and Silviculture

	DEQ CONTROL #	FIELD ID #	GROSS ACRES	TAX ID #
1				
2	51036-00252-0000	1815-1	25	18-15
3	51036-00252-0000	1815-2	110	18-15, 18-16, 18-17, 29-69
4	51036-00252-0000	1815-3	130	18-15, 18-16, 18-17, 29-69
5				
6	51036-00253-0000	2961-1	53	29-61, 29-59
7	51036-00253-0000	2961-2	30	29-61, 29-59
8				
9				
TOTAL GROSS ACRES			348.0	
TOTAL NUMBER OF FIELDS			5	



FIELD DATA SHEET

SITE NAME: Keck

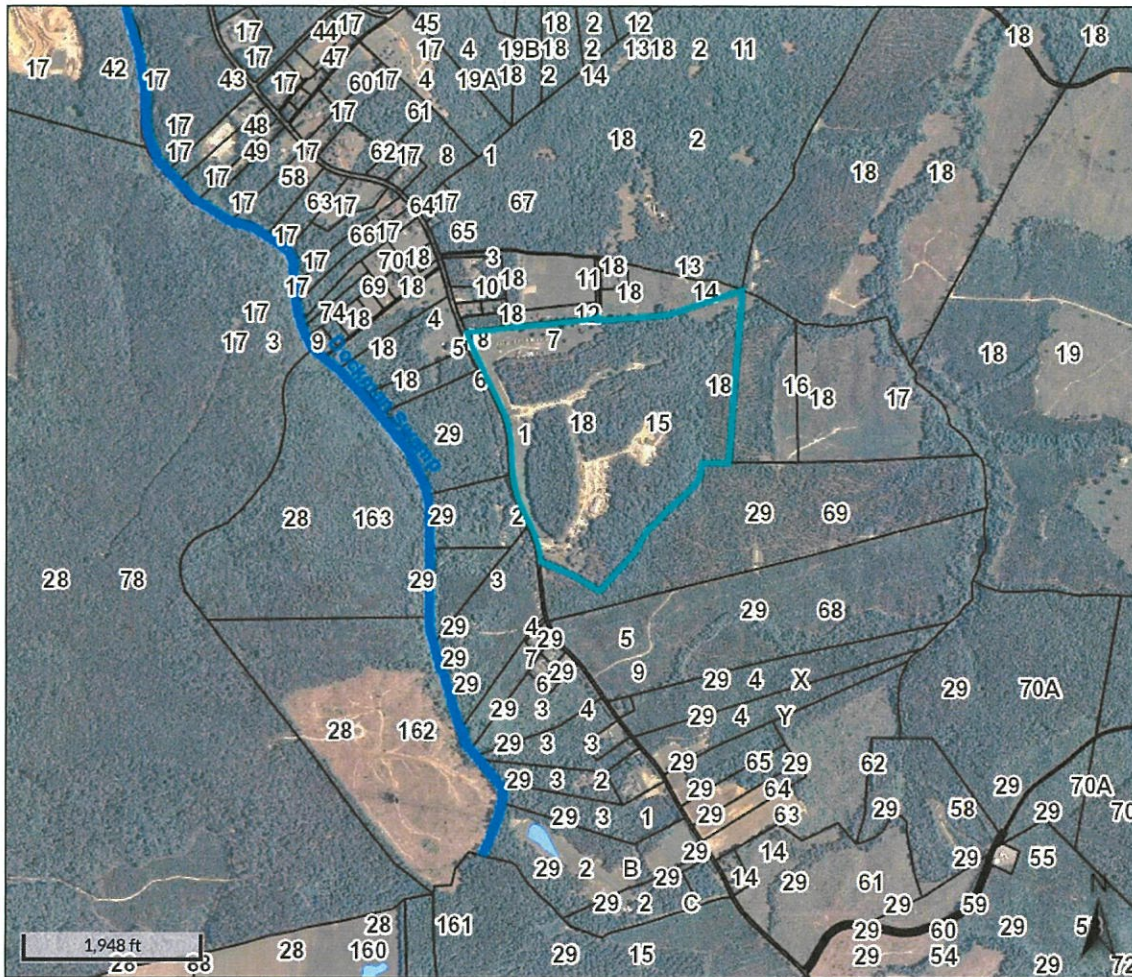
TRACT: T-1815, T-2961

	FIELD #	GROSS ACRES	FIELD TYPE	FARM COORDINATES		OWNER
				LATITUDE	LONGITUDE	
1						
2	1815-1	25	Hay	37.394	-77.013	The Andrew Keck Jr Revocable Trust
3	1815-2	110	Hay			The Andrew Keck Jr Revocable Trust; Eric Keck
4	1815-3	130	Silviculture			The Andrew Keck Jr Revocable Trust; Eric Keck
5						
6	2961-1	53	Hay	37.382	-77.005	Eric Keck
7	2961-2	30	Hay			Eric Keck
8						
9						
10						
11						
12						
13						
14						
15						
	TOTAL	348.0				



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Charles City County, VA



Overview



Legend

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

Parcel ID	18 15	Alternate ID	3417	Owner	THE ANDREW G. KECK, JR.	Last 2 Sales			
Sec/Twp/Rng	n/a	ID		Address	REVOCABLE TRUST	Date	Price	Reason	Qual
Property Address	6900 STURGEON POINT ROAD PROVIDENCE FORGE	Class	DWELLING		6900 STURGEON POINT ROAD PROVIDENCE FORGE, VA 23140	4/5/2004	0	n/a	U
		Acreage	100			n/a	0	n/a	n/a

District CHICKAHOMINY
Brief Tax Description DRAKES DB54-442 CWF13-2 IN#14-771
(Note: Not to be used on legal documents)

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

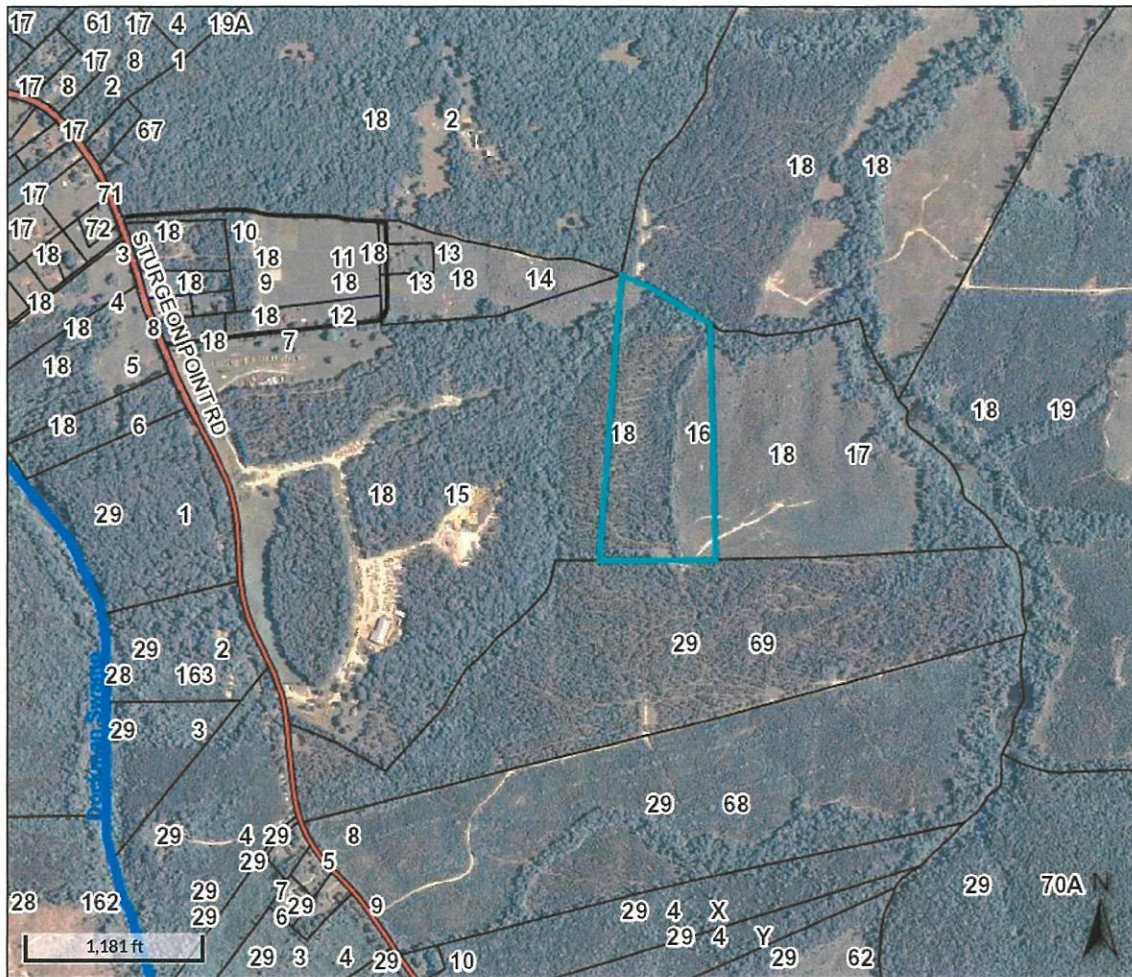
Developed by Schneider
GEOSPATIAL

TAX MAP

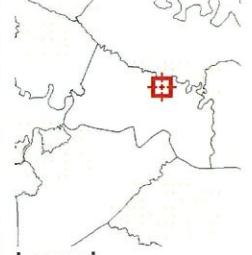


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Charles City County, VA



Overview



Legend

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

Parcel ID 18 16 Alternate ID 3418 Owner Address KECK, E.L.
Sec/Twp/Rng n/a Class VACANT 6900 STURGEON POINT ROAD
Property Address 0 Acreage 25 PROVIDENCE FORGE, VA 23140

Last 2 Sales			
Date	Price	Reason	Qual
1/1/1900	0	n/a	U
n/a	0	n/a	n/a

District CHICKAHOMINY
Brief PARRISHES WB 17-67
Tax Description

(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



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Charles City County, VA



Overview



Legend

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

Parcel ID 18 17 Alternate ID 3419 Owner Address KECK, ERIC L.G.
 Sec/Twp/Rng n/a Class VACANT 6900 STURGEON POINT ROAD
 Property Address 0 Acreage 50 PROVIDENCE FORGE VA 23140

Last 2 Sales
 Date Price Reason Qual
 2/1/2011 \$50000 n/a U
 n/a 0 n/a n/a

District CHICKAHOMINY
 Brief
 Tax Description GREEN BRIAR IN10-527 CWF11-6,5 DB137-129,40-480 44-151

(Note: Not to be used on legal documents)

Date created: 9/15/2021
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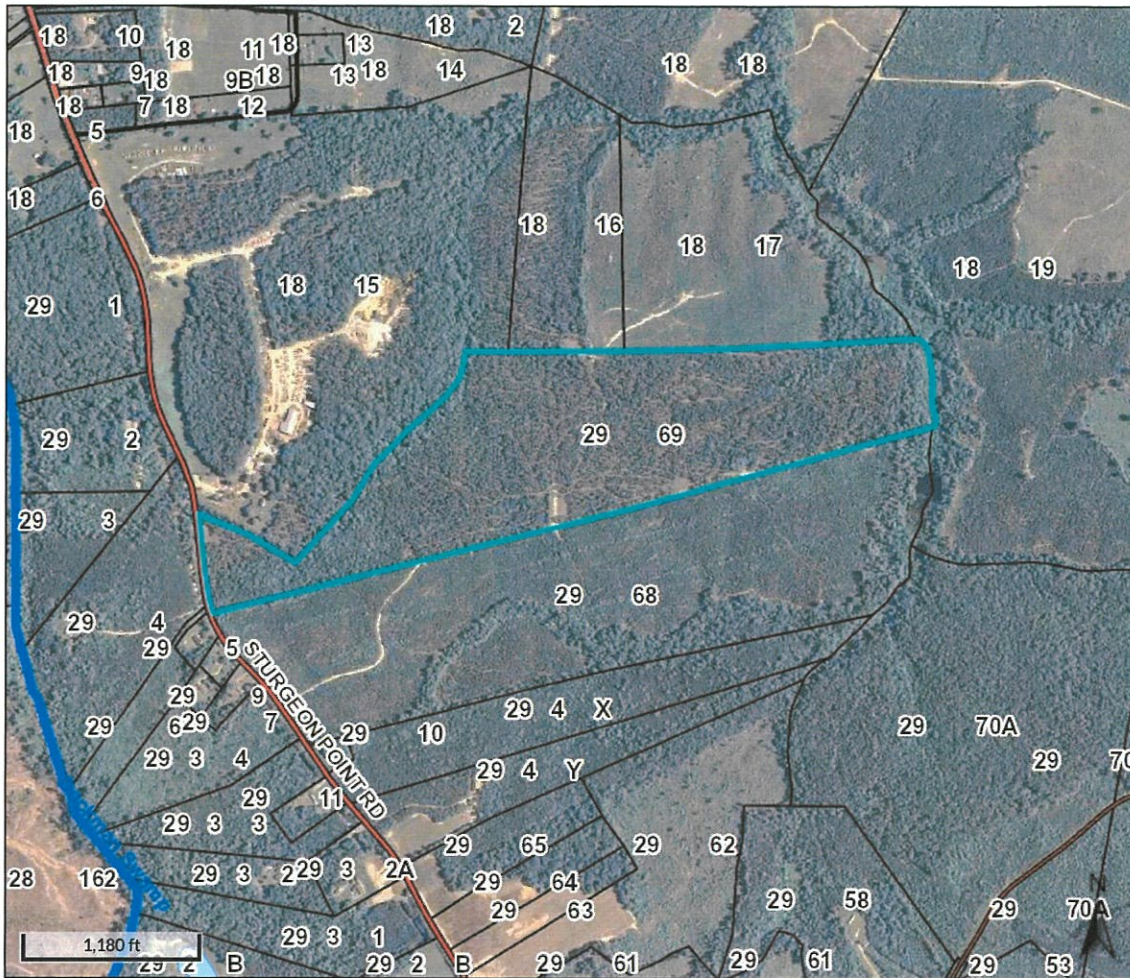
Developed by Schneider
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TAX MAP



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Charles City County, VA



Overview



Legend

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

Parcel ID	29 69	Alternate ID	3790	Owner Address	KECK, ERIC
Sec/Twp/Rng	n/a	Class	VACANT		6900 STURGEON POINT ROAD
Property Address	0	Acreage	90		PROVIDENCE FORGE, VA 23140

Last 2 Sales

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

District CHICKAHOMINY
Brief DOCKMANS DB 99-125
Tax Description

(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

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

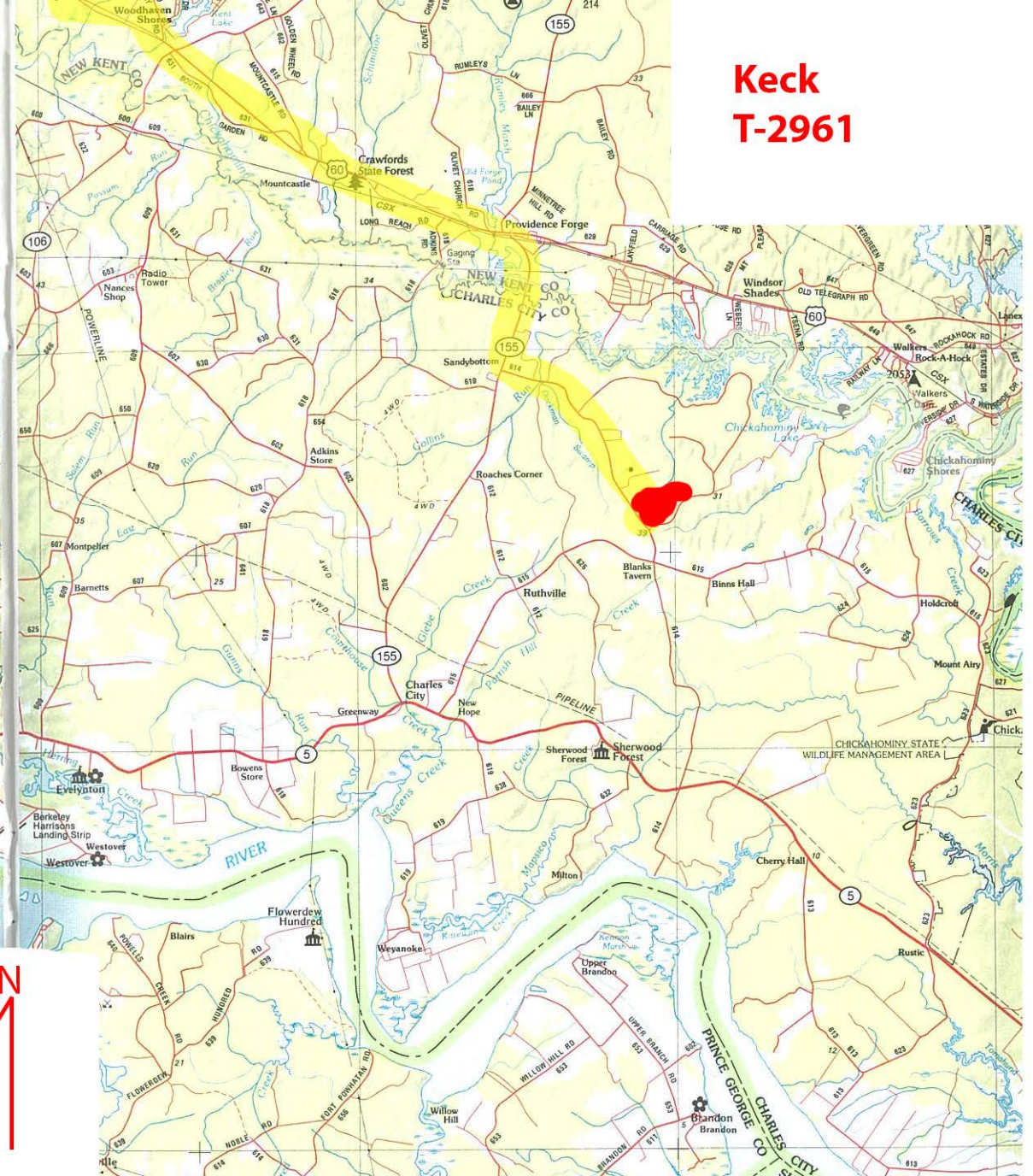
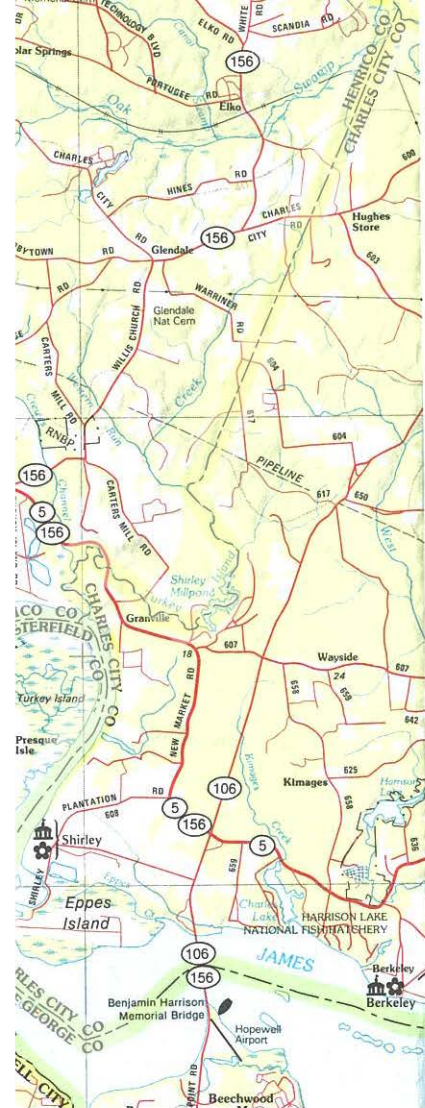


Water Supply Well or Spring

100 Ft Buffer

CEM

Cemetery



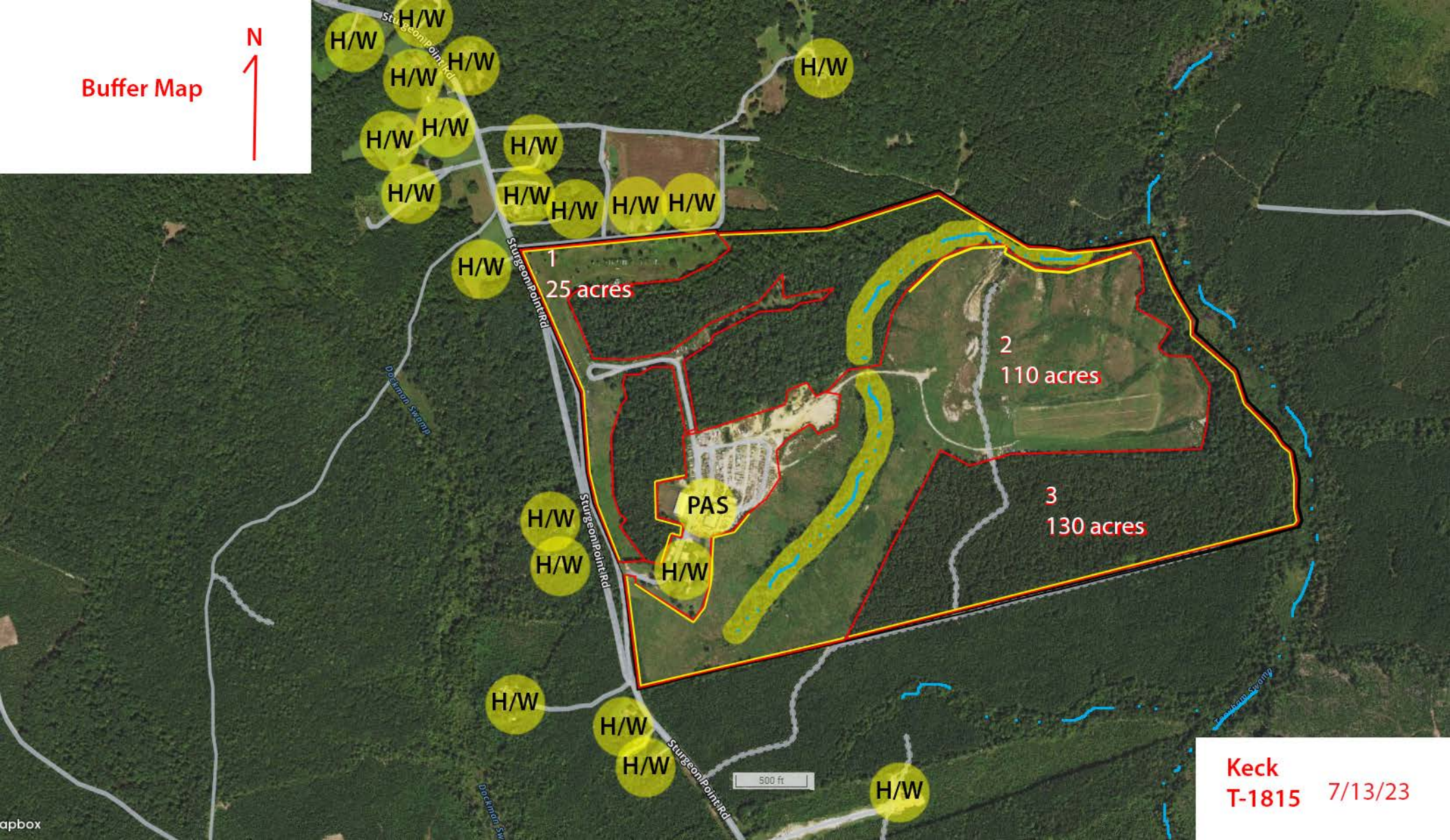
**Keck
T-2961**

**Road Map
Haul Route**

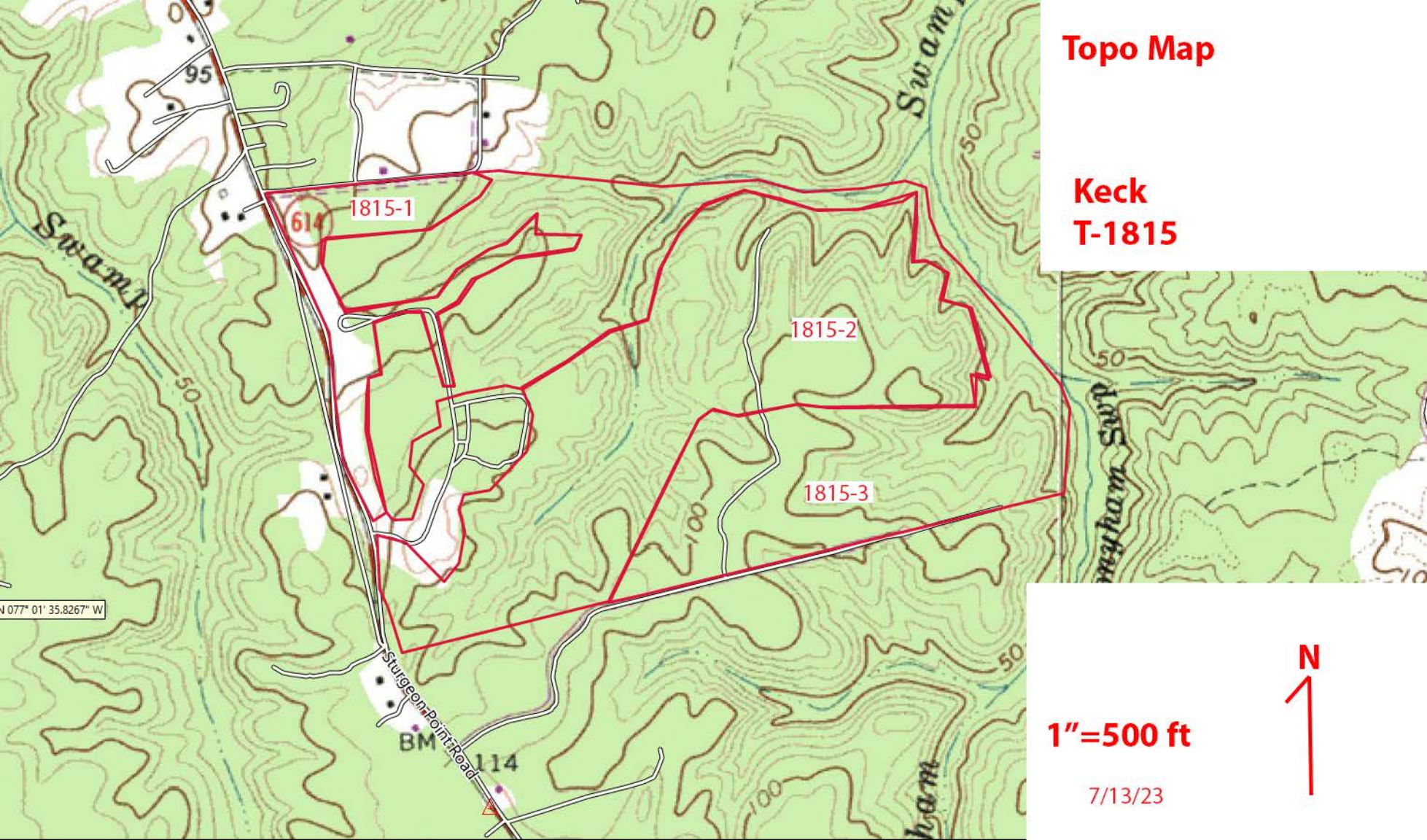
**1"=1 mile
7/13/23**



Buffer Map



Keck
T-1815 7/13/23



Topo Map

**Keck
T-1815**

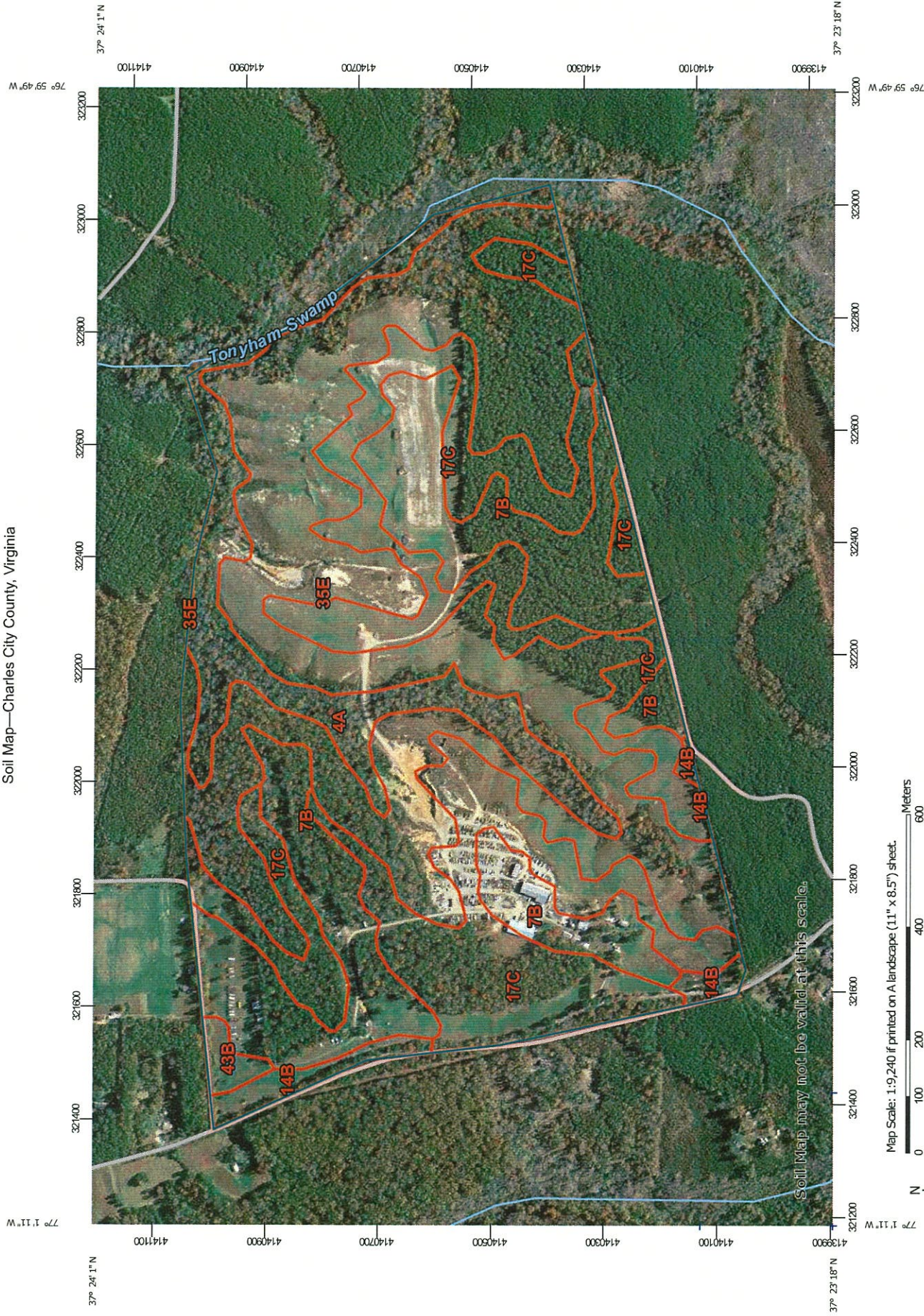
N 077° 01' 35.8267" W

1"=500 ft








































7/13/23



Soil Map—Charles City County, Virginia



MAP LEGEND

 Area of Interest (AOI)	 Soil Area
 Soil Map Unit Polygons	 Stony Spot
 Soil Map Unit Lines	 Very Stony Spot
 Soil Map Unit Points	 Wet Spot
 Special Point Features	 Other
 Blowout	 Special Line Features
 Borrow Pit	 Streams and Canals
 Clay Spot	 Transportation
 Closed Depression	 Rails
 Gravel Pit	 Interstate Highways
 Gravelly Spot	 US Routes
 Landfill	 Major Roads
 Lava Flow	 Local Roads
 Marsh or swamp	 Background
 Mine or Quarry	 Aerial Photography
 Miscellaneous Water	
 Perennial Water	
 Rock Outcrop	
 Saline Spot	
 Sandy Spot	
 Severely Eroded Spot	
 Sinkhole	
 Slide or Slip	
 Sodic Spot	

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 13, Aug 28, 2018

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

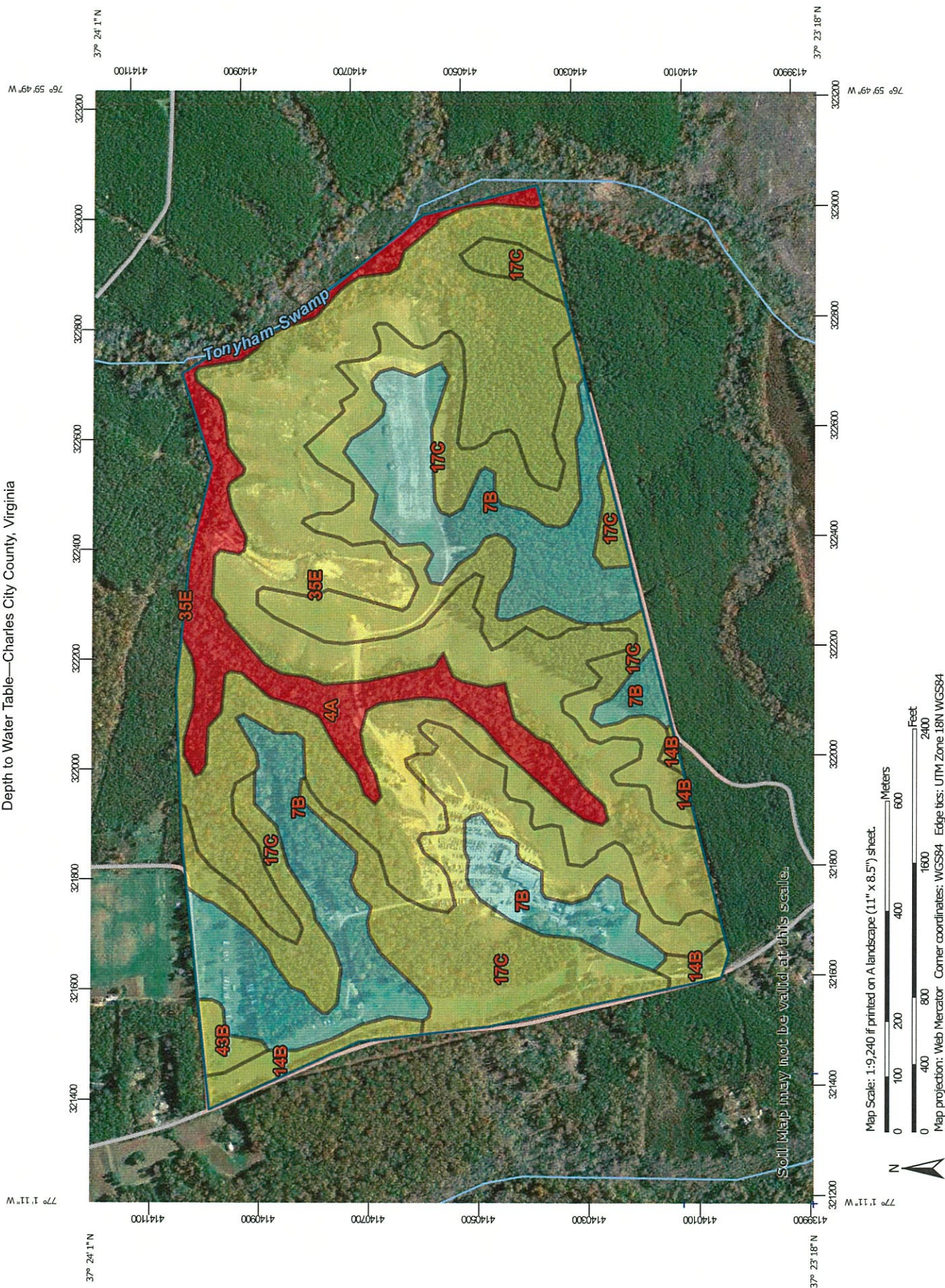
Date(s) aerial images were photographed: Mar 17, 2016—Nov 22, 2016

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

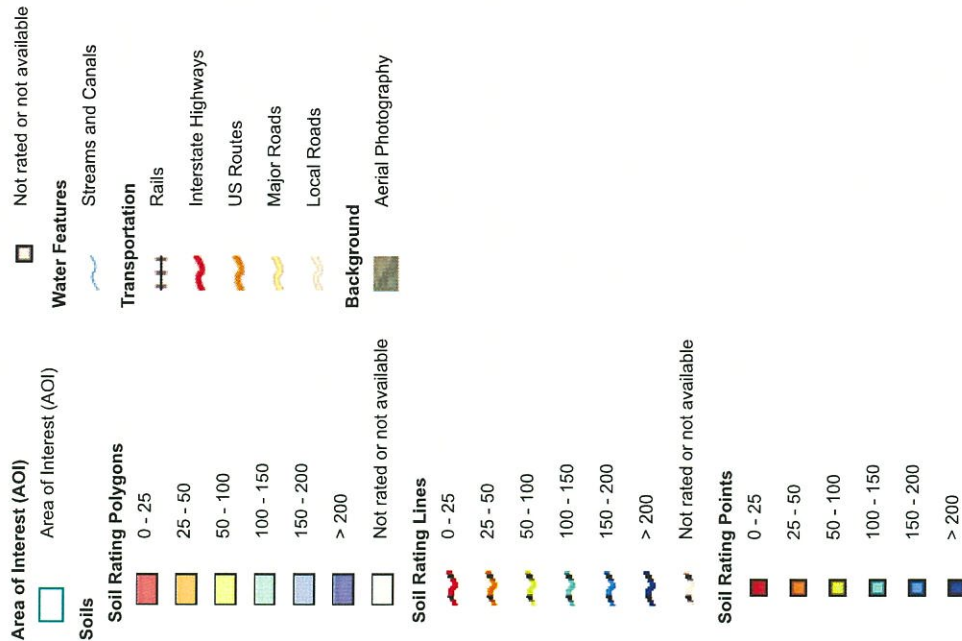
Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
4A	Bibb fine sandy loam, 0 to 2 percent slopes, frequently flooded	26.2	9.0%
7B	Caroline-Emporia complex, 2 to 6 percent slopes	59.6	20.6%
14B	Craven-Caroline complex, 2 to 6 percent slopes	6.1	2.1%
17C	Craven-Uchee complex, 6 to 10 percent slopes	84.1	29.0%
35E	Nevarc-Remlik complex, 15 to 25 percent slopes	111.8	38.6%
43B	Slagle-Emporia complex, 2 to 6 percent slopes	2.2	0.7%
Totals for Area of Interest		290.0	100.0%

Depth to Water Table—Charles City County, Virginia



MAP LEGEND



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 13, Aug 28, 2018

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

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

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

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	26.2	9.0%
7B	Caroline-Emporia complex, 2 to 6 percent slopes	130	59.6	20.6%
14B	Craven-Caroline complex, 2 to 6 percent slopes	76	6.1	2.1%
17C	Craven-Uchee complex, 6 to 10 percent slopes	76	84.1	29.0%
35E	Nevarc-Remlik complex, 15 to 25 percent slopes	61	111.8	38.6%
43B	Slagle-Emporia complex, 2 to 6 percent slopes	61	2.2	0.7%
Totals for Area of Interest			290.0	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

C



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Charles City County, VA



Overview



Legend

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

Parcel ID	29 61	Alternate ID	3782	Owner Address	KECK, ERIC L.G.	Last 2 Sales			
Sec/Twp/Rng	n/a	Class	VACANT		6900 STURGEON POINT ROAD	Date	Price	Reason	Qual
Property Address	0	Acreage	26		PROVIDENCE FORGE, VA 23140	12/22/2010	\$118000	n/a	U
						n/a	0	n/a	n/a

District CHICKAHOMINY
Brief NR. CHAPEL DB32-198 CWF10-75,74
Tax Description

(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

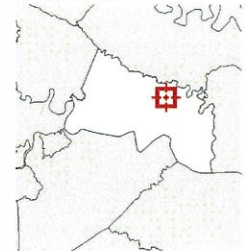


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Charles City County, VA



Overview



Legend

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

Parcel ID	29 59	Alternate ID	3780	Owner Address	KECK, ERIC L.G.	Last 2 Sales			
Sec/Twp/Rng	n/a	Class	VACANT		6900 STURGEON POINT ROAD	Date	Price	Reason	Qual
Property Address	0	Acreage	9.77		PROVIDENCE FORGE, VA 23140	12/22/2010	\$118000	n/a	U
						n/a	0	n/a	n/a

District CHICKAHOMINY
Brief BALLARDSVILLE DB14-698 CWF10-75,74
Tax Description

(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

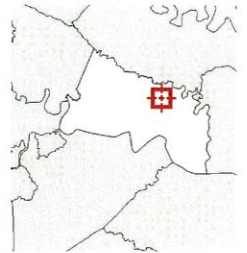


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Charles City County, VA



Overview



Legend

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

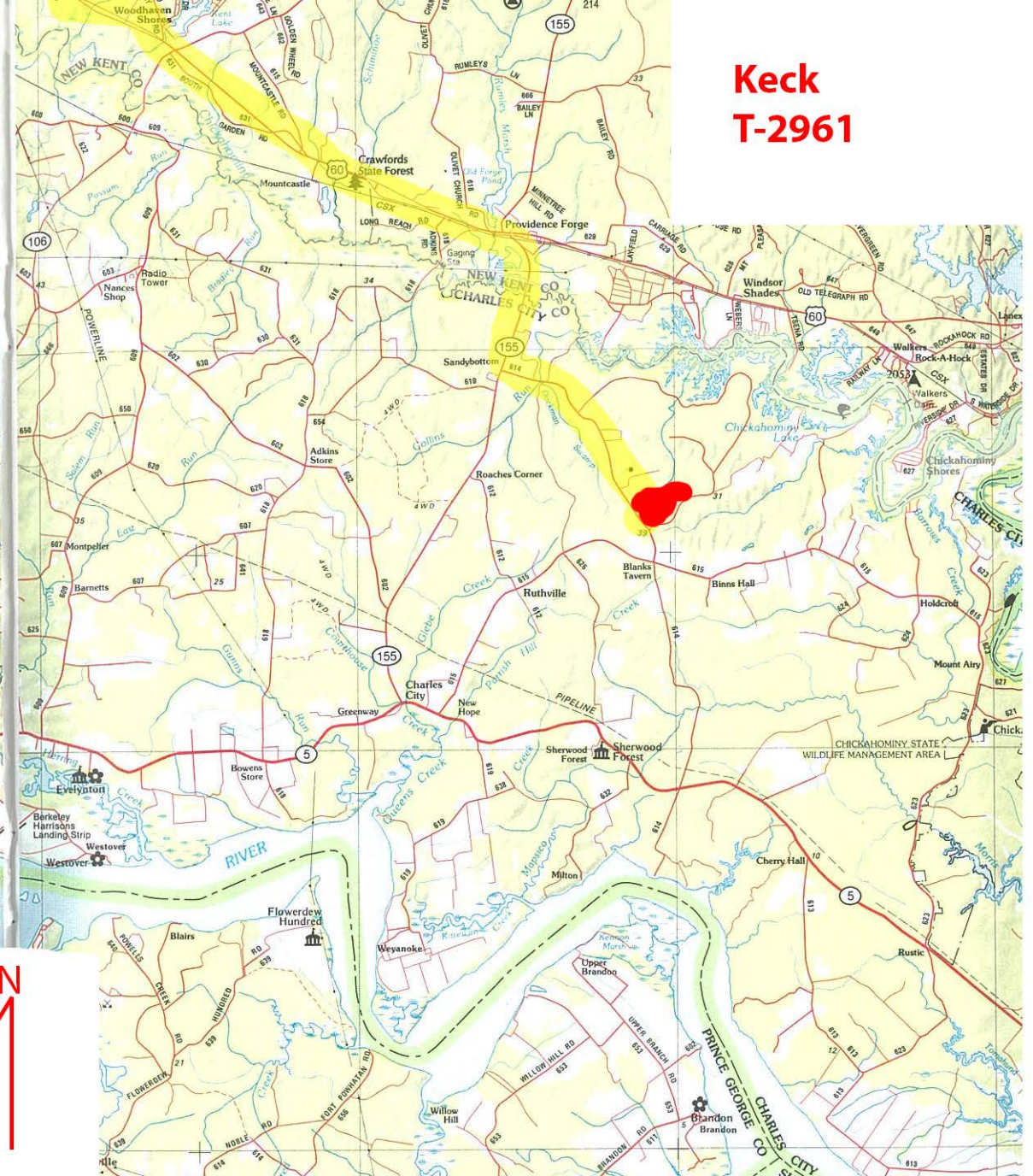
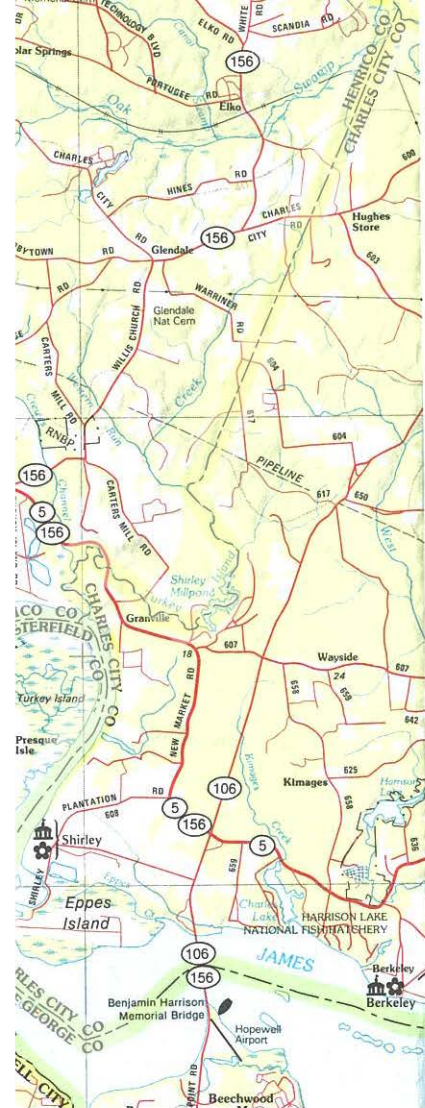
Parcel ID	29 58	Alternate ID	3779	Owner Address	KECK, ERIC L. G. 6900 STURGEON POINT ROAD PROVIDENCE FORGE, VA 23140	Last 2 Sales			
Sec/Twp/Rng	n/a	Class	VACANT			Date	Price	Reason	Qual
Property Address	8001 CYPRESS BANK ROAD PROVIDENCE FORGE	Acreage	34			1/1/1900	0	n/a	U
District	CHICKAHOMINY					n/a	0	n/a	n/a
Brief Tax Description	NR. CHAPEL DB 17-141								

(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



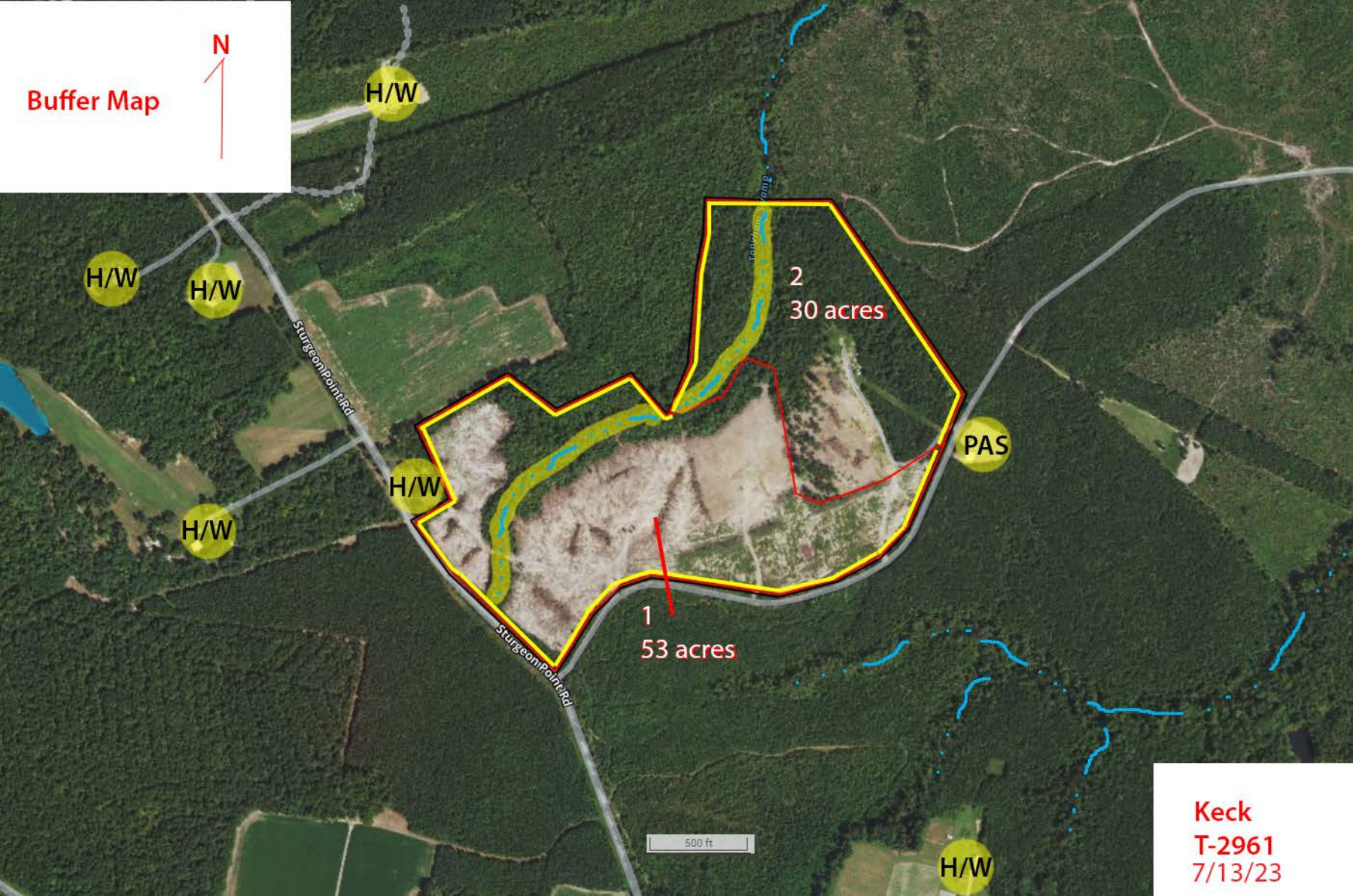
**Keck
T-2961**

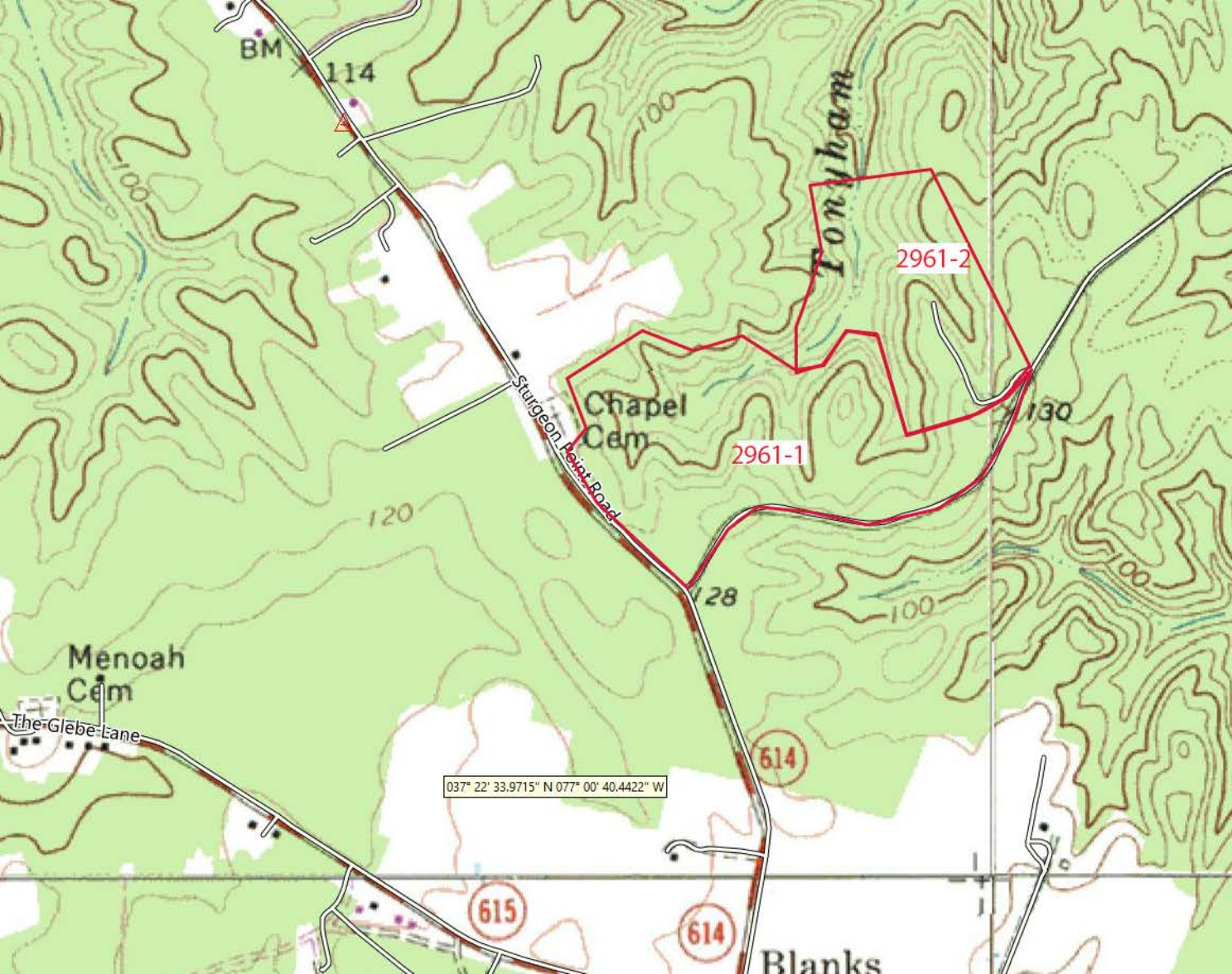
**Road Map
Haul Route**

**1"=1 mile
7/13/23**



Buffer Map





Topo Map

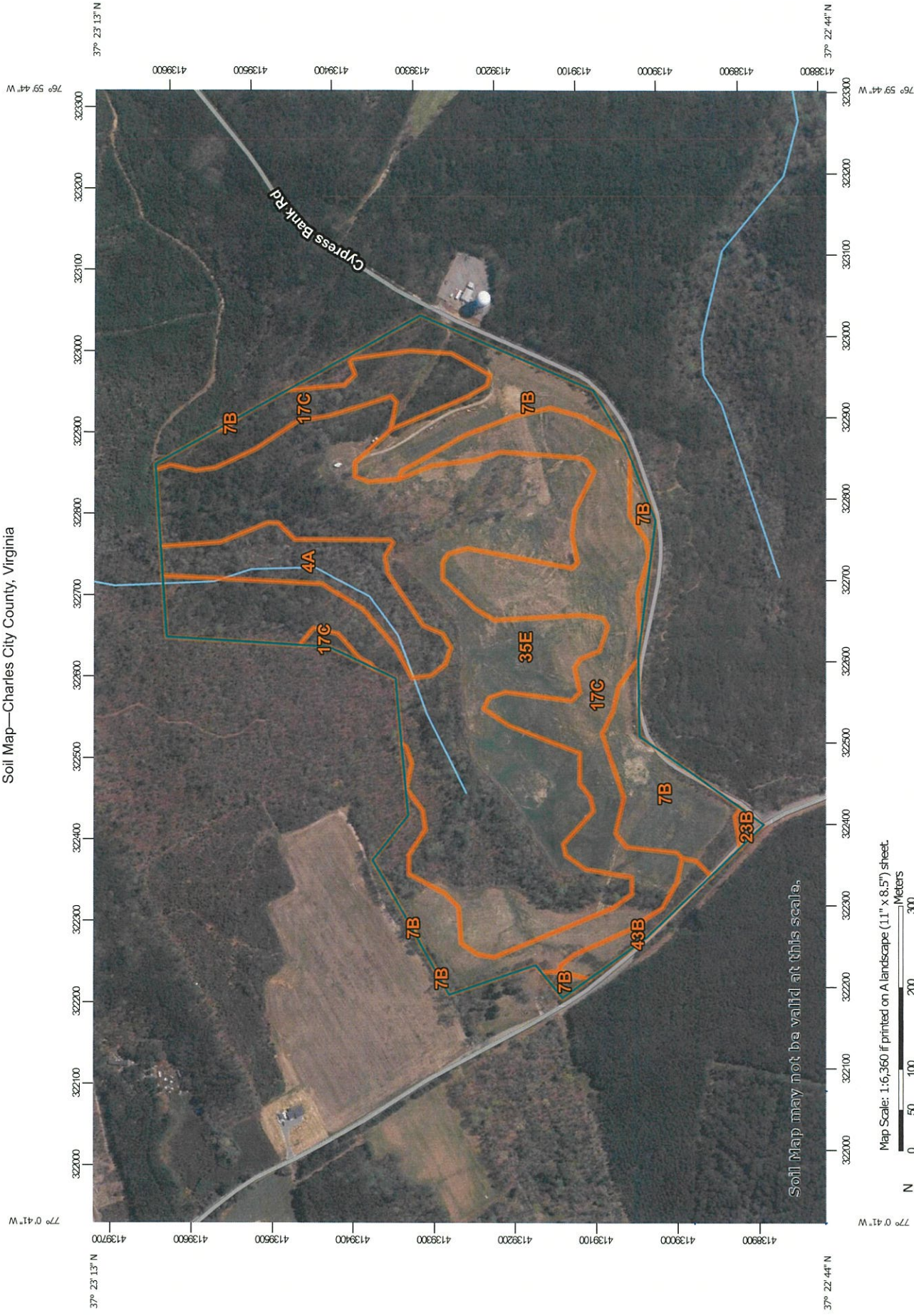
**Keck
T-2961**

1"=800 ft









































7/13/23



Soil Map—Charles City County, Virginia



MAP LEGEND

	Area of Interest (AOI)		Soil Map Unit Polygons		Soil Map Unit Lines		Soil Map Unit Points		Special Point Features		Water Features		Streams and Canals		Transportation		Rails		Interstate Highways		US Routes		Major Roads		Local Roads		Background		Aerial Photography		Spoil Area		Stony Spot		Very Stony Spot		Wet Spot		Other		Special Line 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				

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

Coordinate System: Web Mercator (EPSG:3857)

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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.

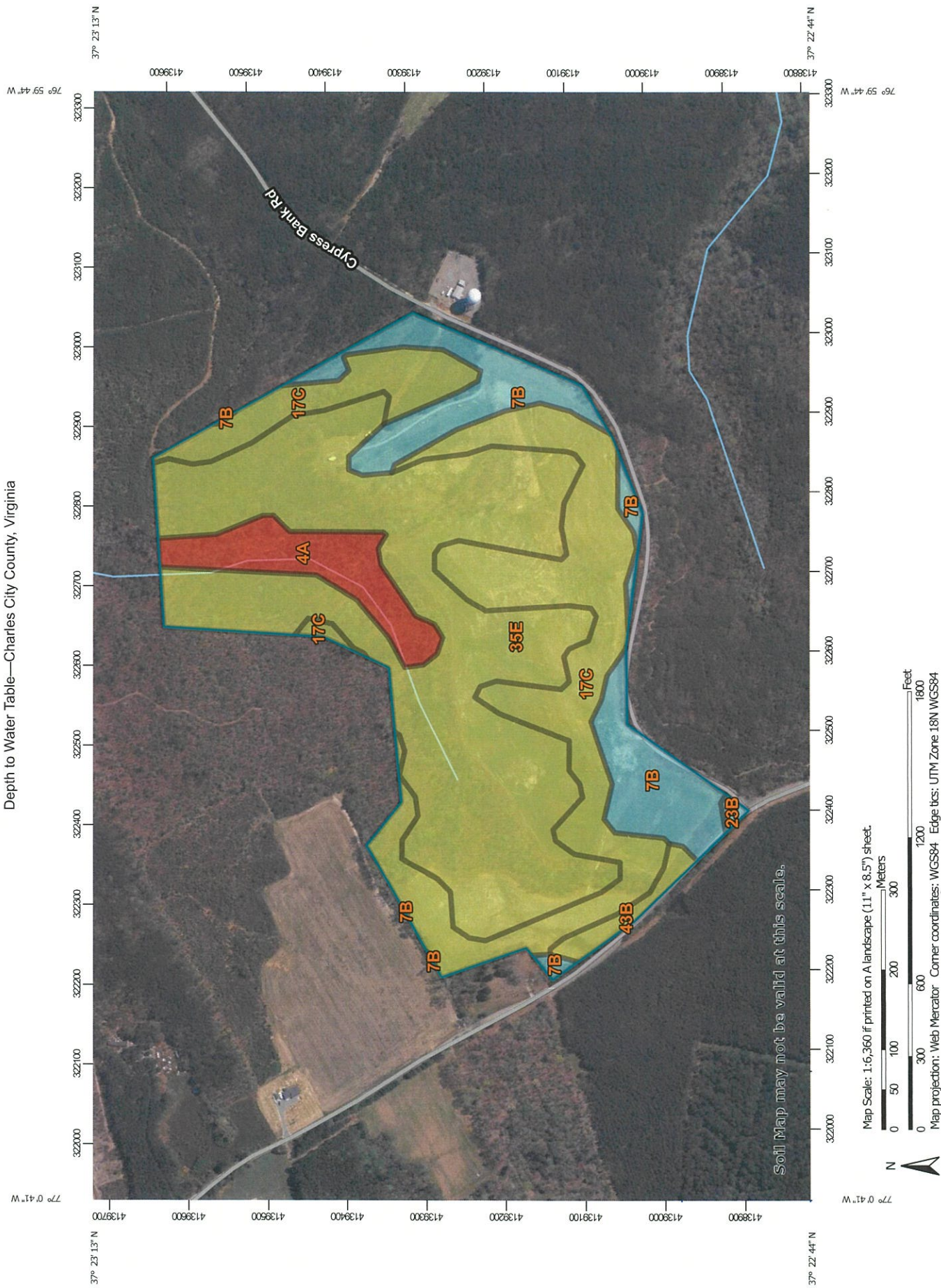
Date(s) aerial images were photographed: Mar 27, 2021—Apr 7, 2021

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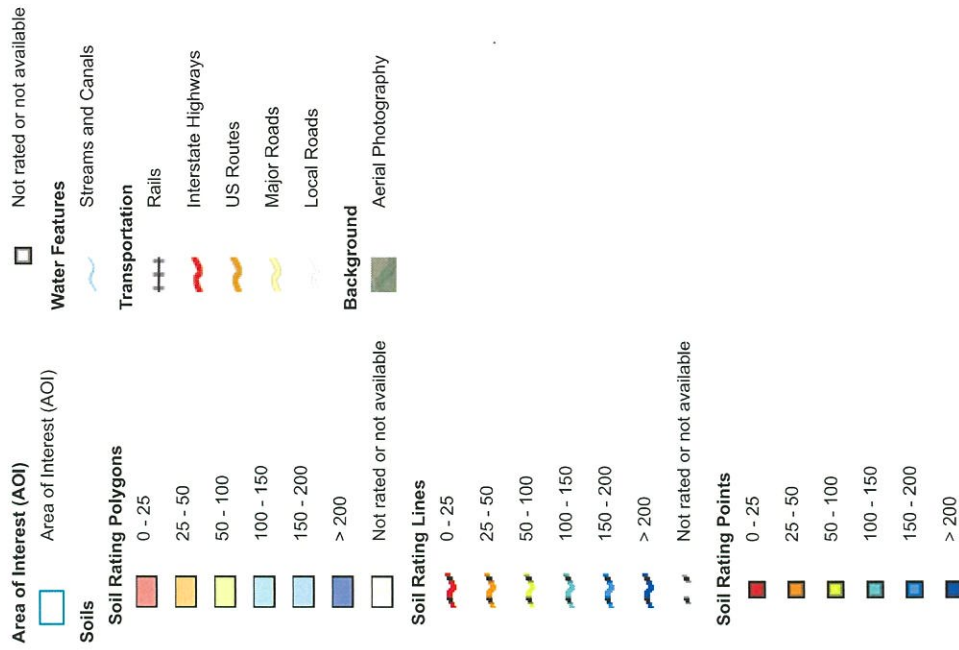
Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
4A	Bibb fine sandy loam, 0 to 2 percent slopes, frequently flooded	5.4	6.6%
7B	Caroline-Emporia complex, 2 to 6 percent slopes	11.3	13.6%
17C	Craven-Uchee complex, 6 to 10 percent slopes	24.5	29.4%
23B	Emporia-Kempsville complex, 2 to 6 percent slopes	0.2	0.3%
35E	Nevarc-Remlik complex, 15 to 25 percent slopes	40.4	48.6%
43B	Slagle-Emporia complex, 2 to 6 percent slopes	1.3	1.6%
Totals for Area of Interest		83.0	100.0%

Depth to Water Table—Charles City County, Virginia



MAP LEGEND



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23B	Emporia-Kempsville complex, 2 to 6 percent slopes	107	0.2	0.3%
35E	Nevarc-Remlik complex, 15 to 25 percent slopes	61	40.4	48.6%
43B	Slagle-Emporia complex, 2 to 6 percent slopes	61	1.3	1.6%
Totals for Area of Interest			83.0	100.0%

Description

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Rating Options

Units of Measure: centimeters

Aggregation Method: Dominant Component

Component Percent Cutoff: None Specified

Tie-break Rule: Lower

Interpret Nulls as Zero: No

Beginning Month: January

Ending Month: December

**Keck
Tract T-2961
Field Data Sheet**

Field	Total	Tract Coordinates		Field Type
	Acres	Latitude	Longitude	
2961-1	53.0	37.3825	-77.0048	Hay/Pasture Silvilcultural
2961-2	30.0			
SUM		83.0		

*All Latitude/Longitude Points were obtained through Google Earth