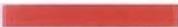


## MAP LEGEND

	Buffer Area
	Property Line (100ft Buffer)
	North Symbol
	Surface Water
	Field Boundary
rck	Rock Outcrop (25ft Buffer)
	Severe Slope/Erosion
	Sink Hole (100ft Buffer)
	Intermittent Stream (100ft Buffer)
	Occupied Dwelling/Structures/Well (200ft Buffer)
FFA	Frequently Flooded Area/Drainage Way/Wet Spot
	Public Roadway (10ft Buffer)
	Road Map Hauling Route
	OSR/Public Access Sites ( 400ft Buffer)
PW	Public Water Supply/Additional Water Well (100ft Buffer)

**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 8/10/15 between Norman Taylor et al. 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 Nothoway, 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
4-26, 28, 29	9-205 A	39-28, 87	
9-111, 116, 195, 196	17C-2-16	42-161	
10-17, 54A	18-7, 9, 10, 11, 14, 15, 34, 35, 36		

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

Norman Taylor    Trustee    1842 Watsons Wood Rd  
 Landowner-Printed Name, Title    Signature    Mailing Address

Parker Taylor    Parker Taylor    Crewe, Va. 23930  
 Landowner - Printed Name, Title    Signature    Mailing Address

Phone Number 434-298-7404

**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  
 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)

Nutri-Blend, David Smith    [Signature]    9997 Andersonville Rd., Dillwyn, Va. 23936  
 Permittee - Authorized Representative    Signature    Mailing Address  
 Printed Name

*Need all Handbooks, WWS Signature*

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

Permittee: Nutri-Blend County or City: Nottoway

Landowner: Norman Taylor Jr. et al.

Landowner: \_\_\_\_\_

**Landowner Site Management Requirements:**

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

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

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

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

Norman Taylor Jr. Taylor 8/10/15  
Landowner's Signature Date

Robert Taylor Robert Taylor 8/10/15  
Landowner's Signature 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 2/7/16 between Gene & DONALD Knight 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 Nottoway, 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
42-161			

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

X Gene C. Knight  
 X DONALD R. Knight  
 Landowner - Printed Name, Title

Gene C. Knight  
 DEPR 15th  
 Signature

201 Westwood Drive  
 Blackstone, VA 23824  
 Mailing Address

**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, Inc.  
Landowner: Gene + Donald Knight

County or City: Nottoway

**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).

*Gene C. Knight* 02-07-2016  
*Donald Knight* 02-07-2016



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

Permittee: Nutri-Blend, Inc

County or City: Northway

Landowner: Brett & PARKER Taylor

**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).

x Brett K. Taylor  
x Parker W. Taylor  
Landowner's Signature

02/07/16  
02/07/2016  
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.

Permittee: Nutri-Blood, Inc

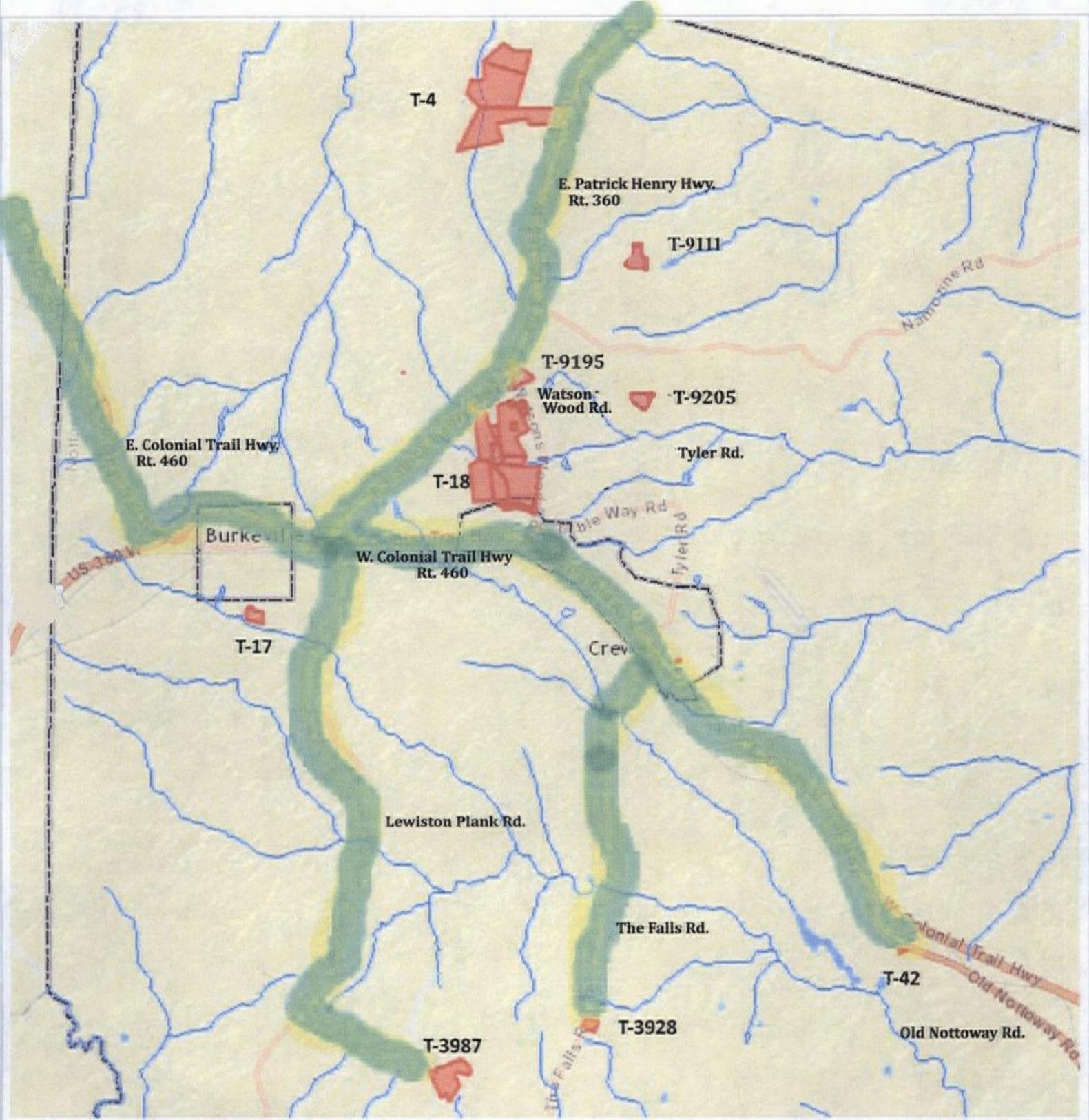
County or City: NOTTOWAY

Please Print

(Signatures not required on this page)

Tax Parcel ID(s)	Landowner(s)
4-26, 28, 29	NORMAN TAYLOR III
10-54A	NORMAN TAYLOR III
9-205A	NORMAN TAYLOR III
17C-2-16	NORMAN TAYLOR III
18-7, 9, 10, 11, 14, 15, 34	NORMAN TAYLOR III
39-28	NORMAN TAYLOR III
39-87	NORMAN TAYLOR III + NORMAN TAYLOR JR.
18-36	NORMAN TAYLOR JR.
9-195, 196	NORMAN TAYLOR JR.
18-35	NORMAN TAYLOR JR + DONALD TAYLOR
9-116	PARKER TAYLOR
9-111.	PARKER TAYLOR + BRETT TAYLOR
10-17	PARKER TAYLOR + BRETT TAYLOR
42-161	PARKER + BRETT TAYLOR + DONALD + GENE KNIGHT

# Taylor Overview/ Haul Route



Scale: 1:144447.638572

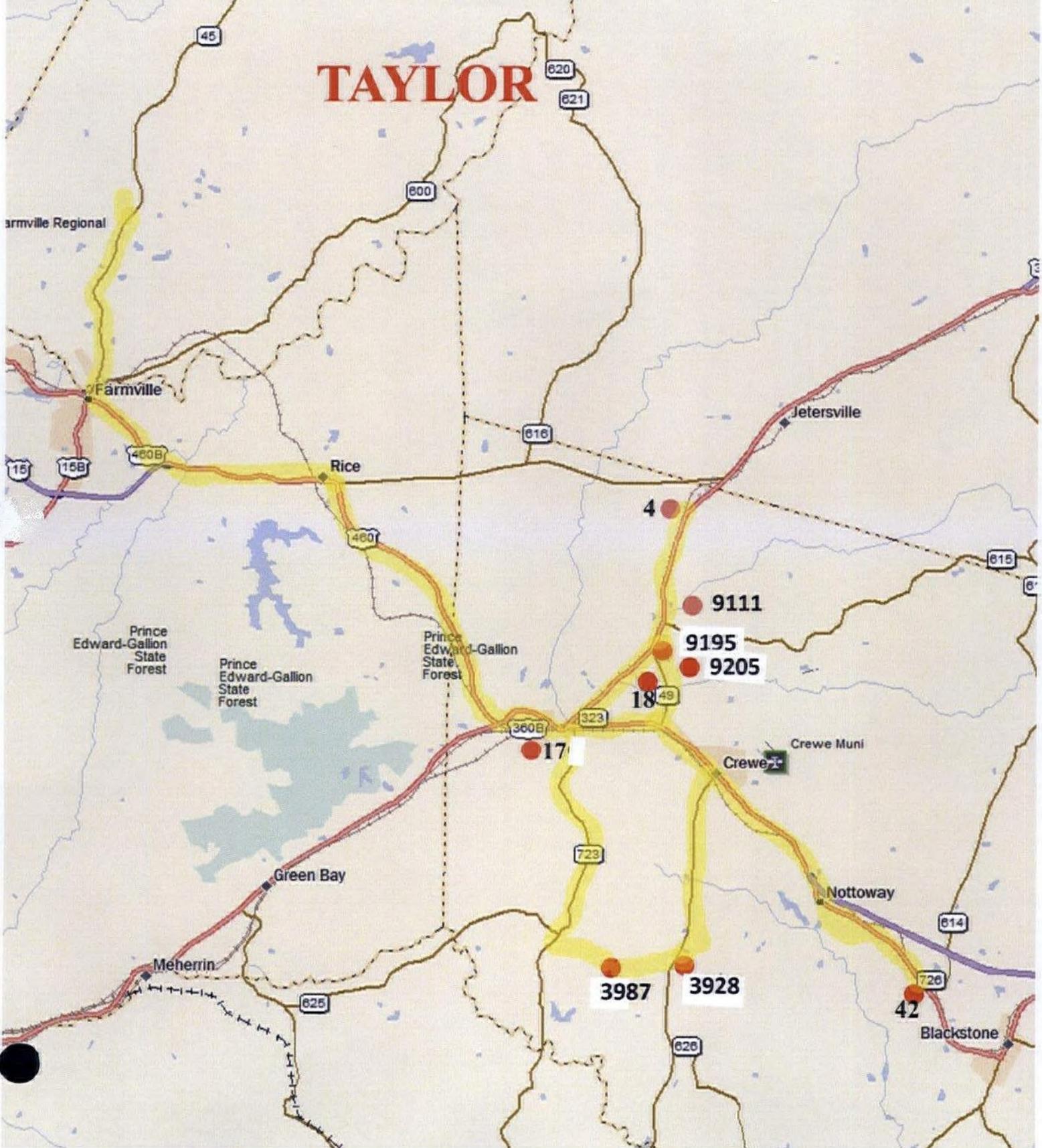
Date: 03/07/2015

Printed By:

Under Virginia State Law, these real estate assessment records are public information. Display of this property information on the internet is specifically authorized by the Code of Virginia §58.1-3122.2 (as amended).

# NutriBlend

BIOSOLIDS LAND APPLICATION



Holly Farms Rd

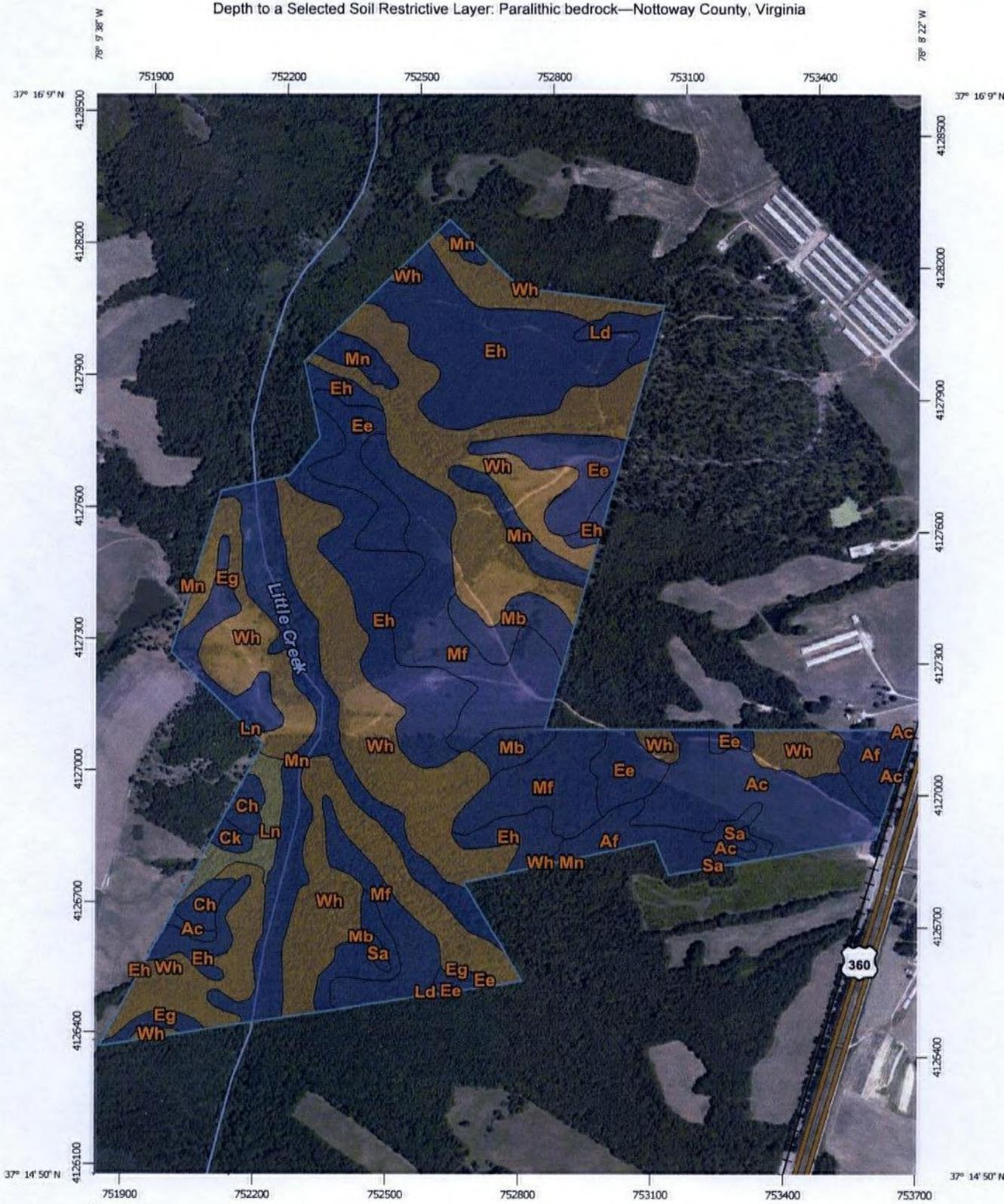
# NutriBlend

BIOSOLIDS LAND APPLICATION

## TAYLOR T-4



Depth to a Selected Soil Restrictive Layer: Paralic bedrock—Nottoway County, Virginia



Map Scale: 1:12,000 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 17N WGS84



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

10/28/2015  
Page 1 of 4

### MAP LEGEND

- Area of Interest (AOI)**
  -  Area of Interest (AOI)
- Soils**
  - Soil Rating Polygons**
    -  0 - 25
    -  25 - 50
    -  50 - 100
    -  100 - 150
    -  150 - 200
    -  > 200
    -  Not rated or not available
  - Soil Rating Lines**
    -  0 - 25
    -  25 - 50
    -  50 - 100
    -  100 - 150
    -  150 - 200
    -  > 200
    -  Not rated or not available
  - Soil Rating Points**
    -  0 - 25
    -  25 - 50
    -  50 - 100
    -  100 - 150
    -  150 - 200
    -  > 200
- Water Features**
  -  Streams and Canals
- Transportation**
  -  Rails
  -  Interstate Highways
  -  US Routes
  -  Major Roads
  -  Local Roads
- Background**
  -  Aerial Photography
-  Not rated or not available

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000. Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>  
 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: Nottoway County, Virginia  
 Survey Area Data: Version 10, Dec 16, 2013

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

Date(s) aerial images were photographed: May 10, 2010—Jul 4, 2010

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 a Selected Soil Restrictive Layer: Paralithic bedrock

<b>Depth to a Selected Soil Restrictive Layer: Paralithic bedrock— Summary by Map Unit — Nottoway County, Virginia (VA135)</b>				
<b>Map unit symbol</b>	<b>Map unit name</b>	<b>Rating (centimeters)</b>	<b>Acres in AOI</b>	<b>Percent of AOI</b>
Ac	Appling coarse sandy loam, undulating phase	>200	22.5	6.0%
Af	Appling coarse sandy loam, eroded rolling phase	>200	12.4	3.3%
Ch	Cecil fine sandy loam, undulating phase	>200	4.2	1.1%
Ck	Cecil fine sandy loam, rolling phase	>200	1.2	0.3%
Ee	Enon-Vance-Helena soils, undulating phases	>200	23.5	6.2%
Eg	Enon-Vance-Helena soils, rolling phases	>200	9.7	2.6%
Eh	Enon-Vance-Helena soils, eroded rolling	>200	62.3	16.5%
Ld	Lloyd loam, undulating phase	>200	2.7	0.7%
Ln	Louisburg sandy loam, eroded hilly phase	66	5.3	1.4%
Mb	Madison clay loam, eroded rolling phase	>200	14.0	3.7%
Mf	Madison sandy loam, undulating phase	>200	46.1	12.2%
Mn	Mixed alluvial land	>200	38.0	10.0%
Sa	Seneca sandy loam	>200	2.2	0.6%
Wh	Wilkes sandy loam, eroded hilly phase	43	134.1	35.5%
<b>Totals for Area of Interest</b>			<b>378.2</b>	<b>100.0%</b>

## Description

A "restrictive layer" is a nearly continuous layer that has one or more physical, chemical, or thermal properties that significantly impede the movement of water and air through the soil or that restrict roots or otherwise provide an unfavorable root environment. Examples are bedrock, cemented layers, dense layers, and frozen layers.

This theme presents the depth to the user selected type of restrictive layer as described in for each map unit. If no restrictive layer is described in a map unit, it is represented by the "> 200" depth class.

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

*Restriction Kind:* Paralithic bedrock

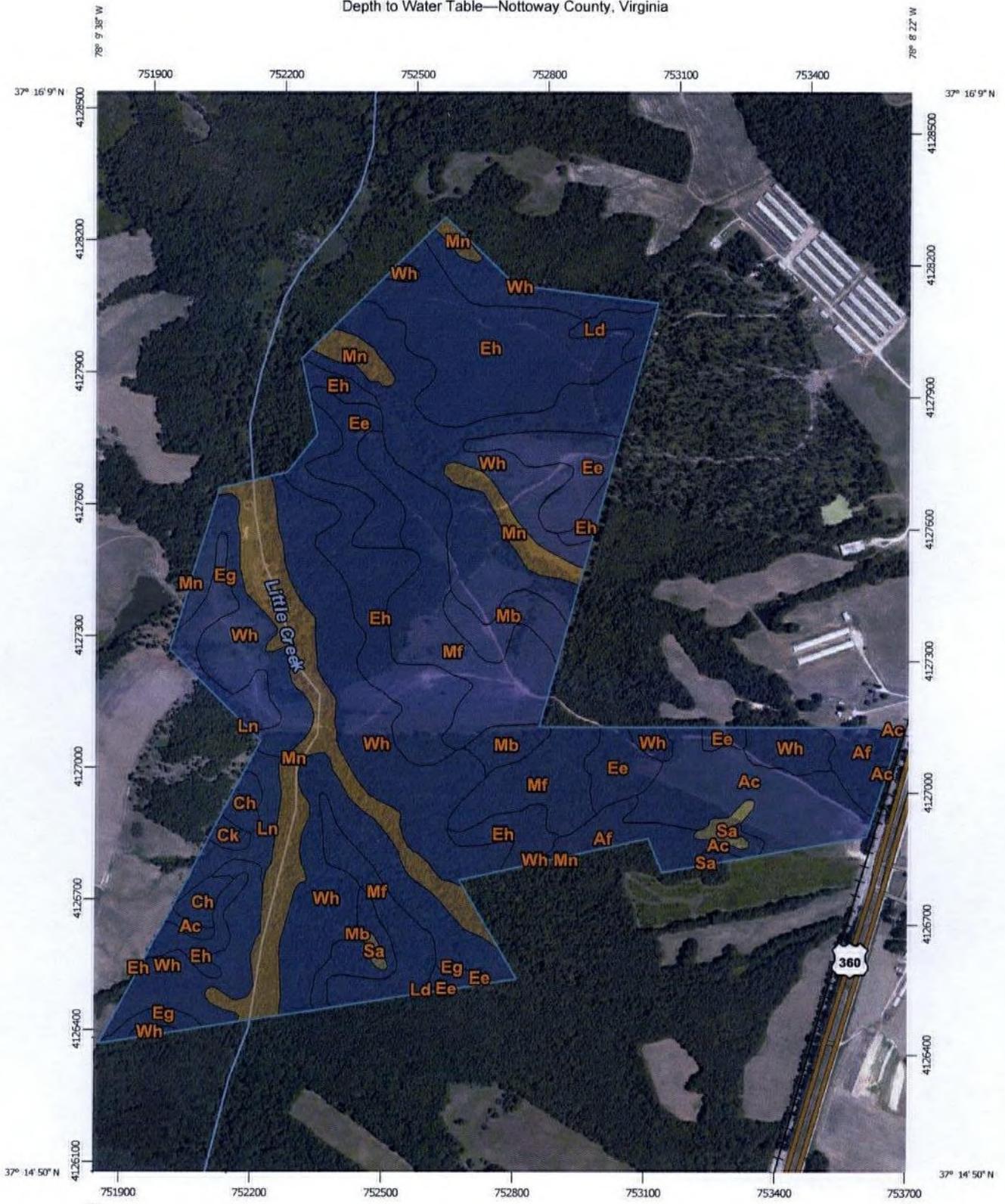
*Aggregation Method:* Dominant Component

*Component Percent Cutoff:* None Specified

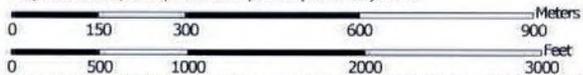
*Tie-break Rule:* Lower

*Interpret Nulls as Zero:* No

Depth to Water Table—Nottoway County, Virginia



Map Scale: 1:12,000 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

10/28/2015  
Page 1 of 4

### MAP LEGEND

-  Area of Interest (AOI)
-  Not rated or not available
- Soils**
- Soil Rating Polygons**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Soil Rating Lines**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Soil Rating Points**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
- 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 1:20,000.

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

Source of Map: Natural Resources Conservation Service  
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>  
 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: Nottoway County, Virginia  
 Survey Area Data: Version 10, Dec 16, 2013

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

Date(s) aerial images were photographed: May 10, 2010—Jul 4, 2010

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

Depth to Water Table— Summary by Map Unit — Nottoway County, Virginia (VA135)				
Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
Ac	Appling coarse sandy loam, undulating phase	>200	22.5	6.0%
Af	Appling coarse sandy loam, eroded rolling phase	>200	12.4	3.3%
Ch	Cecil fine sandy loam, undulating phase	>200	4.2	1.1%
Ck	Cecil fine sandy loam, rolling phase	>200	1.2	0.3%
Ee	Enon-Vance-Helena soils, undulating phases	>200	23.5	6.2%
Eg	Enon-Vance-Helena soils, rolling phases	>200	9.7	2.6%
Eh	Enon-Vance-Helena soils, eroded rolling	>200	62.3	16.5%
Ld	Lloyd loam, undulating phase	>200	2.7	0.7%
Ln	Louisburg sandy loam, eroded hilly phase	>200	5.3	1.4%
Mb	Madison clay loam, eroded rolling phase	>200	14.0	3.7%
Mf	Madison sandy loam, undulating phase	>200	46.1	12.2%
Mn	Mixed alluvial land	31	38.0	10.0%
Sa	Seneca sandy loam	84	2.2	0.6%
Wh	Wilkes sandy loam, eroded hilly phase	>200	134.1	35.5%
<b>Totals for Area of Interest</b>			<b>378.2</b>	<b>100.0%</b>

## 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

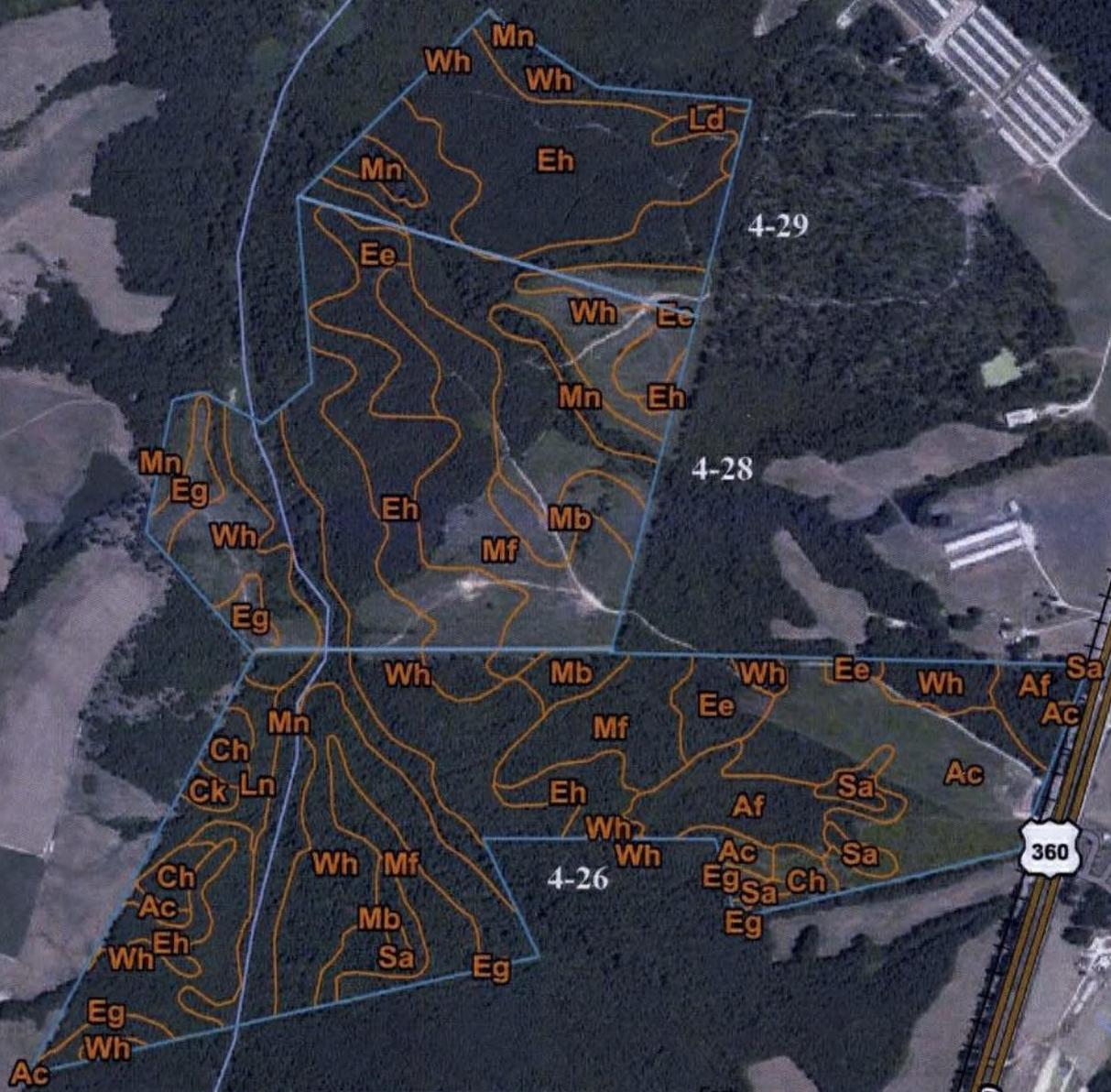
*Beginning Month:* January

*Ending Month:* December

# NutriBlend

BIOSOLIDS LAND APPLICATION

## TAYLOR T-4



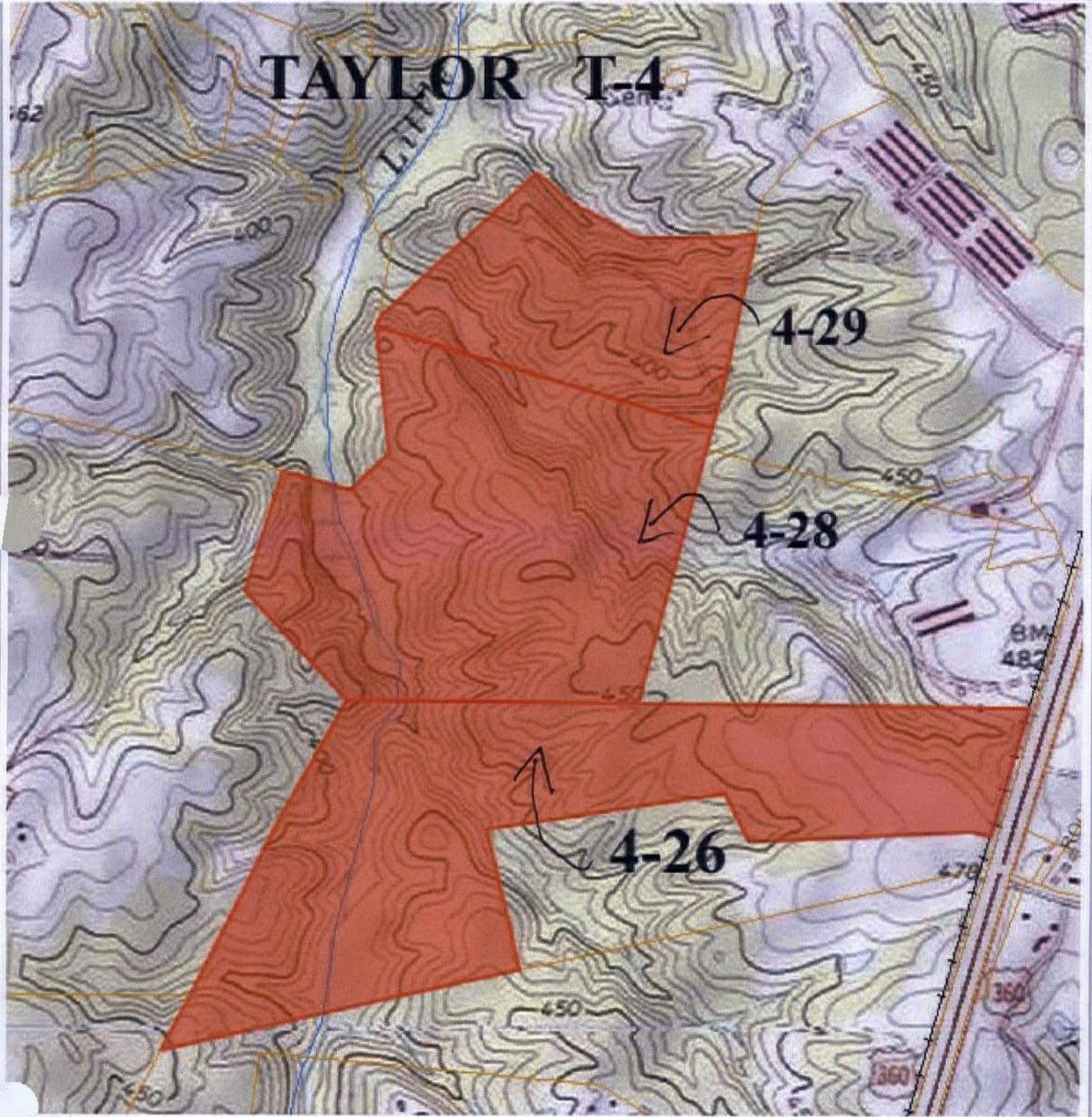
Us Hwy 360

# NutriBlend

BIOSOLIDS LAND APPLICATION



## TAYLOR T-4



Scale: 1:18055.954822

Date: 03/07/2015

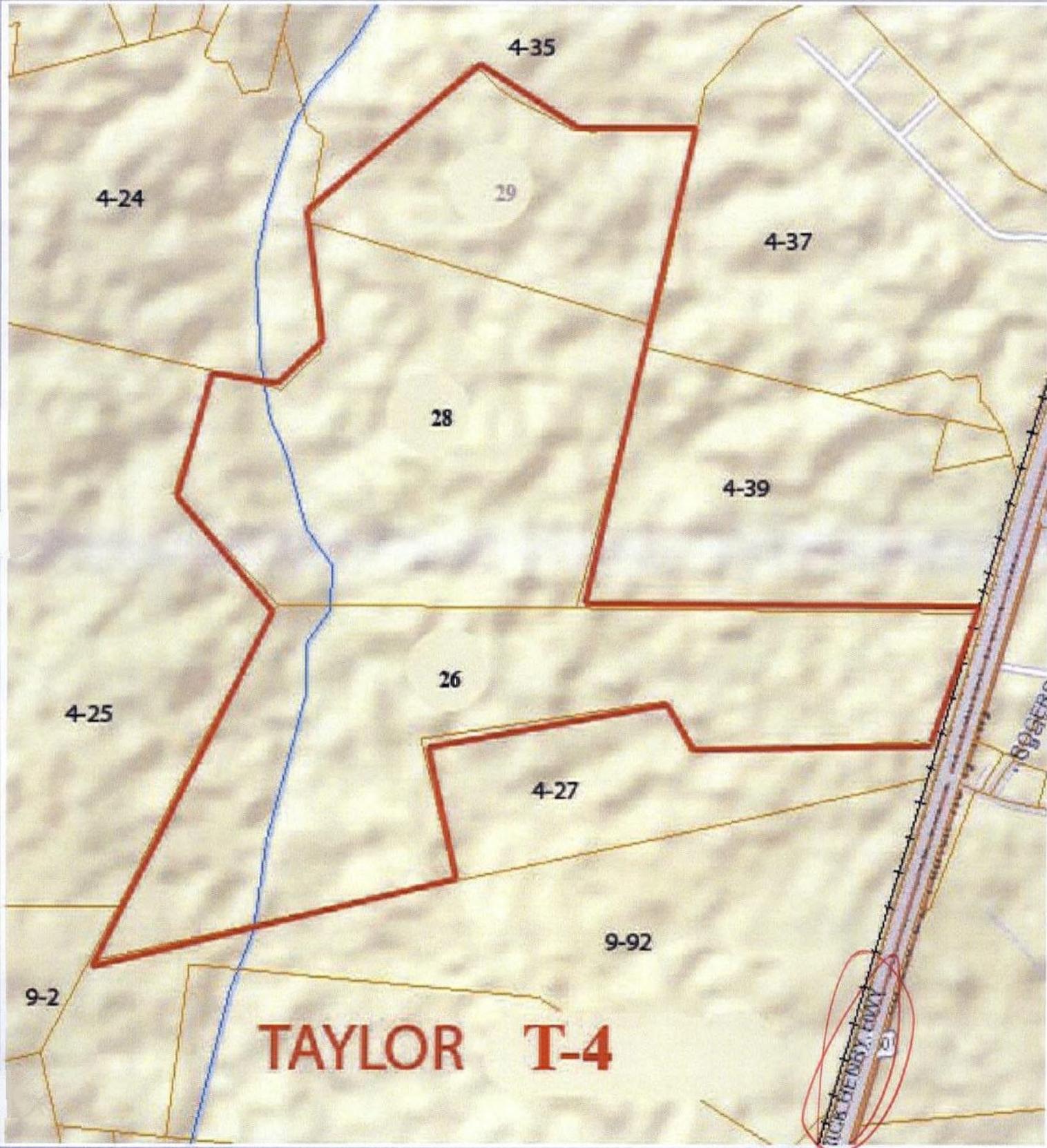
Printed By:



**NOTTOWAY  
COUNTY**

# NutriBlend

BIOSOLIDS LAND APPLICATION



**TAYLOR FARM**  
**Tract T-4**  
**Field Data Sheet**

RECEIVED  
APR 26 2016  
DEQ - BRRO

Field	Total	Field Coordinates	
	Acres	Latitude	Longitude
26	140.00	37.258506	-78.150015
28	124.00	37.258506	-78.150015
29	49.20	37.263526	-78.150079
<b>3</b>	<b>313.20</b>		

watershed code      JA24

Tax ID                4-26,28,29

owner                 Norman Taylor

Site Type             Forested

Ag. Practice         See NMP for YearlyCrop Rotation



**NOTTOWAY  
COUNTY**

# NutriBlend

BIOSOLIDS LAND APPLICATION



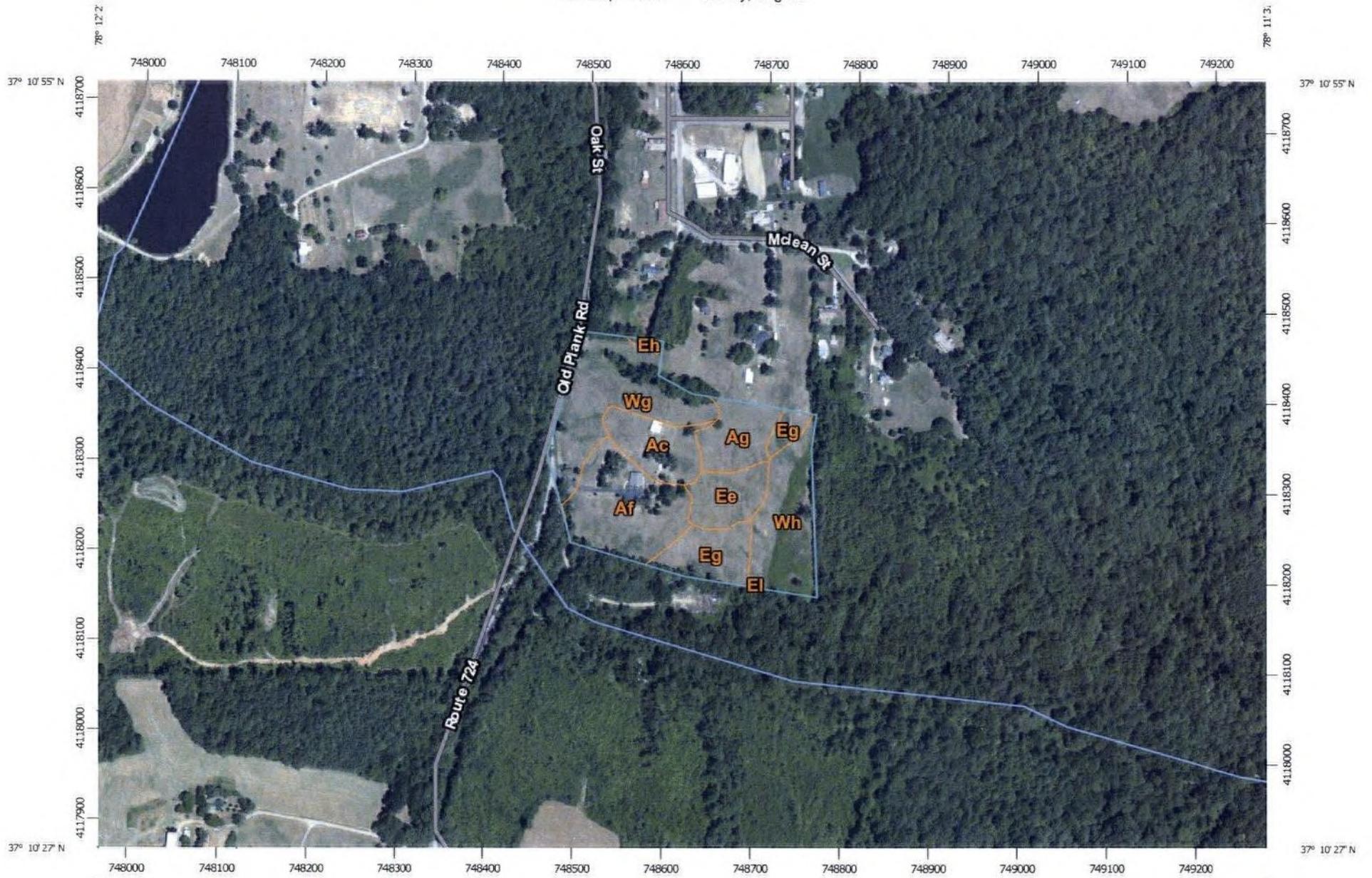
	Buffer		Field Boundary		Intermittent Stream
	Occupied Dwelling/Structure/Well 200 ft. buffer				
	Public Roadway		Property Line		Surface Water

Scale: 1:9027.977411

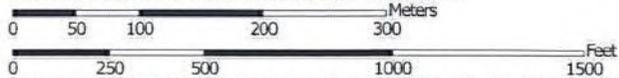
Date: 03/07/2015

Printed By:

Soil Map—Not County, Virginia



Map Scale: 1:6,000 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84



# NutriBlend

BIOSOLIDS LAND APPLICATION

TAYLOR T-17

Oak St

Mclean St

Old Plank Rd

Route 724

Eh

Wg

Ac

Ag

Eg

Af

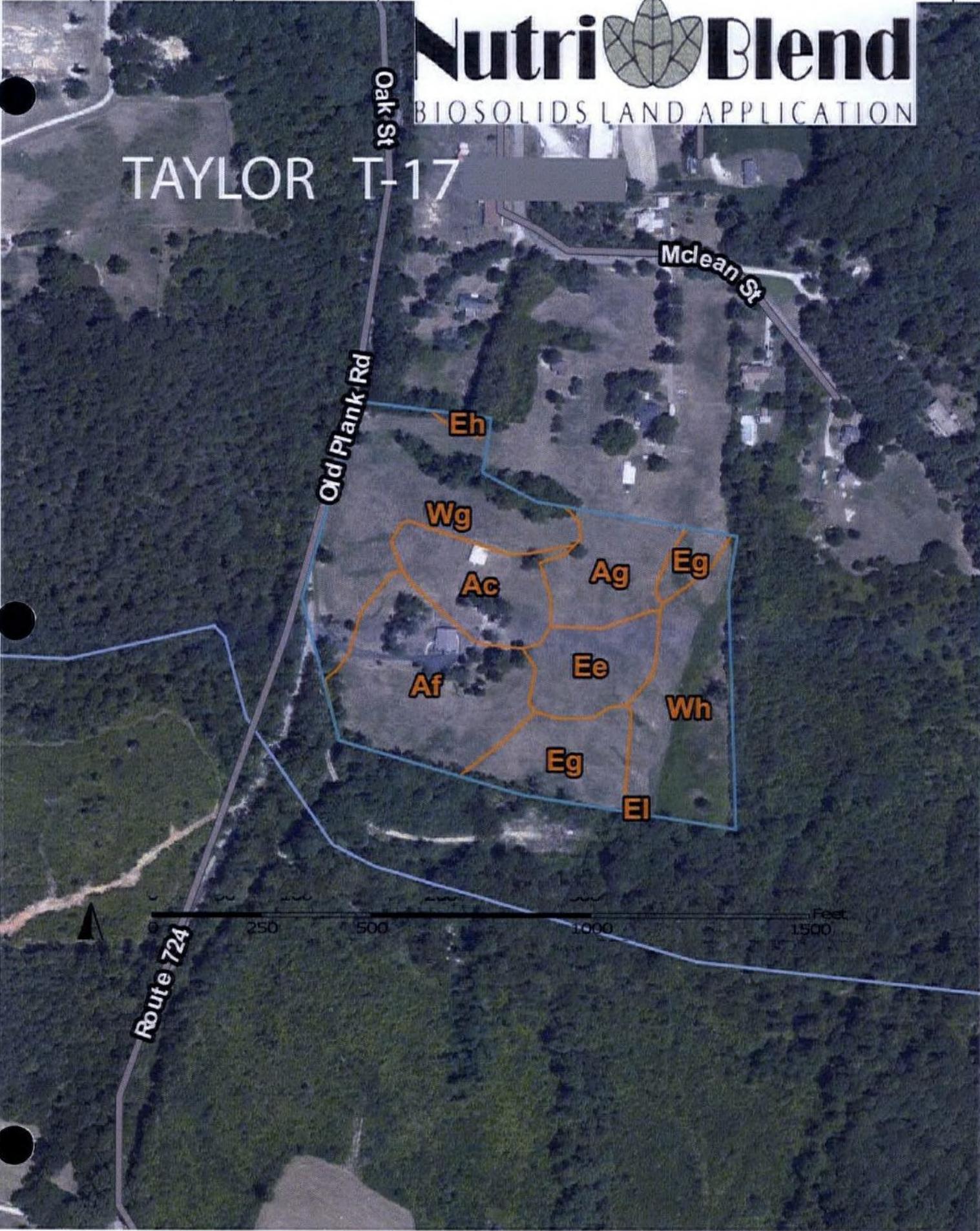
Ee

Wh

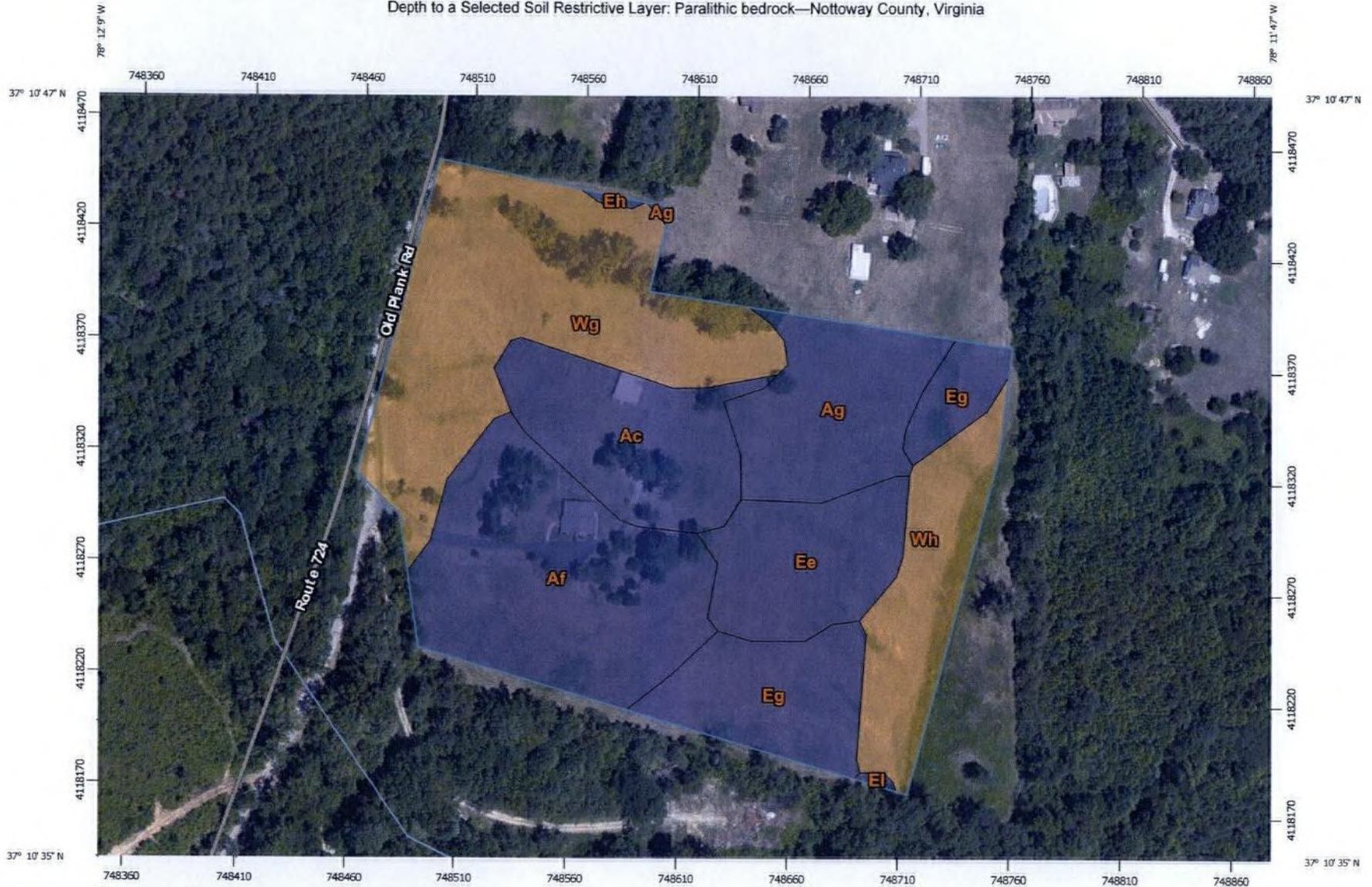
Eg

EI

250 500 1000 1500 Feet



Depth to a Selected Soil Restrictive Layer: Paralithic bedrock—Nottoway County, Virginia



Map Scale: 1:2,420 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84



### MAP LEGEND

-  Area of Interest (AOI)
-  Not rated or not available
- Soils**
- Soil Rating Polygons**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Soil Rating Lines**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Soil Rating Points**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
- 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 1:20,000.

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: <http://websoilsurvey.nrcs.usda.gov>  
 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: Nottoway County, Virginia  
 Survey Area Data: Version 10, Dec 16, 2013

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

Date(s) aerial images were photographed: May 10, 2010—Jul 4, 2010

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 a Selected Soil Restrictive Layer: Paralithic bedrock

Depth to a Selected Soil Restrictive Layer: Paralithic bedrock— Summary by Map Unit — Nottoway County, Virginia (VA135)				
Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
Ac	Appling coarse sandy loam, undulating phase	>200	1.5	11.4%
Af	Appling coarse sandy loam, eroded rolling phase	>200	2.8	21.0%
Ag	Appling fine sandy loam, undulating phase	>200	1.5	10.8%
Ee	Enon-Vance-Helena soils, undulating phases	>200	1.2	9.2%
Eg	Enon-Vance-Helena soils, rolling phases	>200	1.5	11.1%
Eh	Enon-Vance-Helena soils, eroded rolling	>200	0.0	0.2%
Ei	Enon-Vance-Helena soils, eroded hilly phases	>200	0.0	0.2%
Wg	Wilkes sandy loam, hilly phase	43	3.5	26.3%
Wh	Wilkes sandy loam, eroded hilly phase	43	1.3	9.9%
<b>Totals for Area of Interest</b>			<b>13.5</b>	<b>100.0%</b>

### Description

A "restrictive layer" is a nearly continuous layer that has one or more physical, chemical, or thermal properties that significantly impede the movement of water and air through the soil or that restrict roots or otherwise provide an unfavorable root environment. Examples are bedrock, cemented layers, dense layers, and frozen layers.

This theme presents the depth to the user selected type of restrictive layer as described in for each map unit. If no restrictive layer is described in a map unit, it is represented by the "> 200" depth class.

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

*Restriction Kind:* Paralithic bedrock

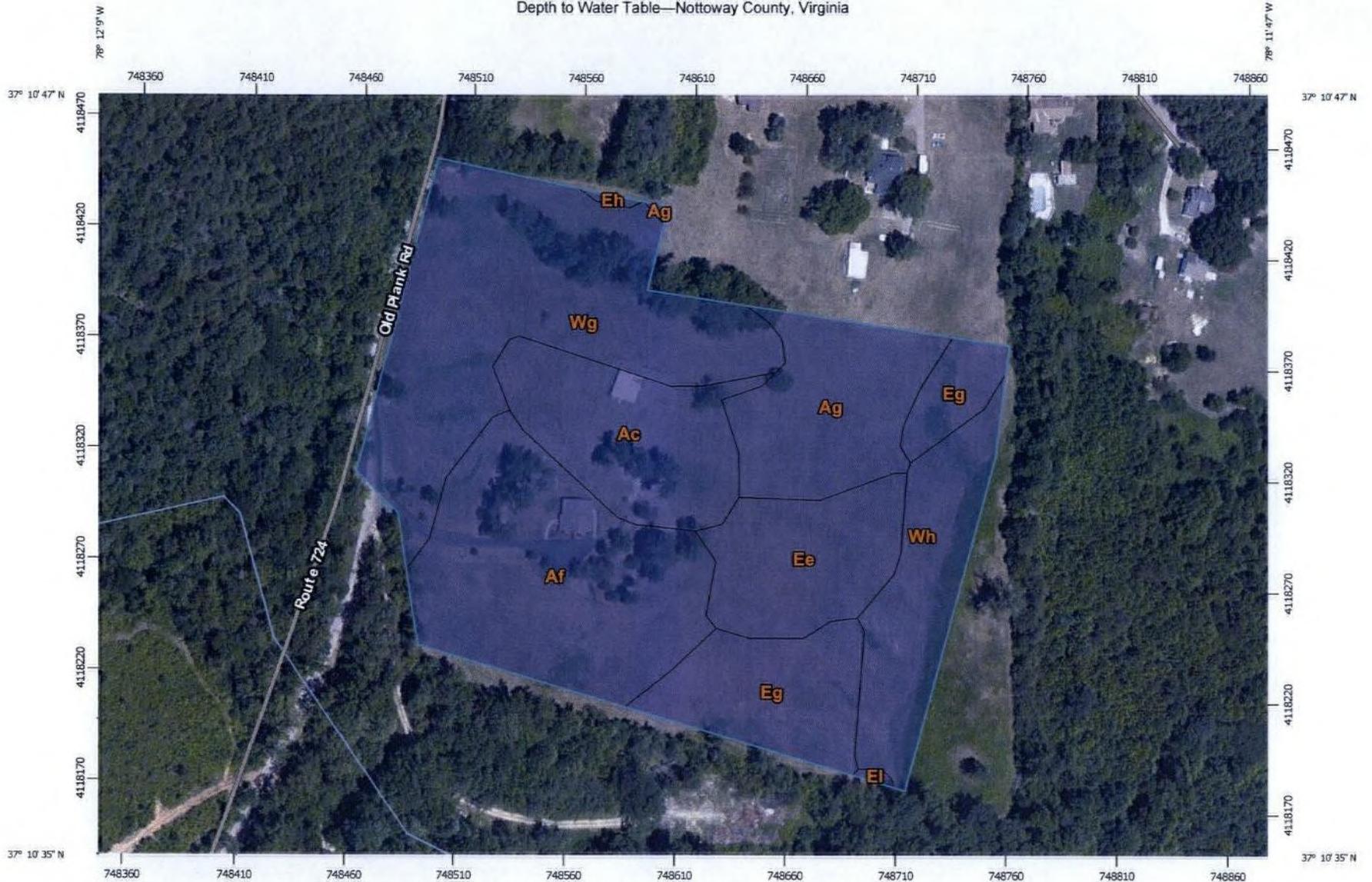
*Aggregation Method:* Dominant Component

*Component Percent Cutoff:* None Specified

*Tie-break Rule:* Lower

*Interpret Nulls as Zero:* No

Depth to Water Table—Nottoway County, Virginia



Map Scale: 1:2,420 if printed on A landscape (11" x 8.5") sheet.

0 35 70 140 210 Meters

0 100 200 400 600 Feet

Map projection: Web Mercator Corner coordinates: WGS84 Edge ticks: UTM Zone 17N WGS84



### MAP LEGEND

-  Area of Interest (AOI)
-  Area of Interest (AOI)
- Soils**
- Soil Rating Polygons**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Soil Rating Lines**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Soil Rating Points**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Water Features**
-  Streams and Canals
- Transportation**
-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads
- Background**
-  Aerial Photography

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

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: <http://websoilsurvey.nrcs.usda.gov>  
 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: Nottoway County, Virginia  
 Survey Area Data: Version 10, Dec 16, 2013

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

Date(s) aerial images were photographed: May 10, 2010—Jul 4, 2010

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

Depth to Water Table— Summary by Map Unit — Nottoway County, Virginia (VA135)				
Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
Ac	Appling coarse sandy loam, undulating phase	>200	1.5	11.4%
Af	Appling coarse sandy loam, eroded rolling phase	>200	2.8	21.0%
Ag	Appling fine sandy loam, undulating phase	>200	1.5	10.8%
Ee	Enon-Vance-Helena soils, undulating phases	>200	1.2	9.2%
Eg	Enon-Vance-Helena soils, rolling phases	>200	1.5	11.1%
Eh	Enon-Vance-Helena soils, eroded rolling	>200	0.0	0.2%
Ei	Enon-Vance-Helena soils, eroded hilly phases	>200	0.0	0.2%
Wg	Wilkes sandy loam, hilly phase	>200	3.5	26.3%
Wh	Wilkes sandy loam, eroded hilly phase	>200	1.3	9.9%
<b>Totals for Area of Interest</b>			<b>13.5</b>	<b>100.0%</b>

### 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

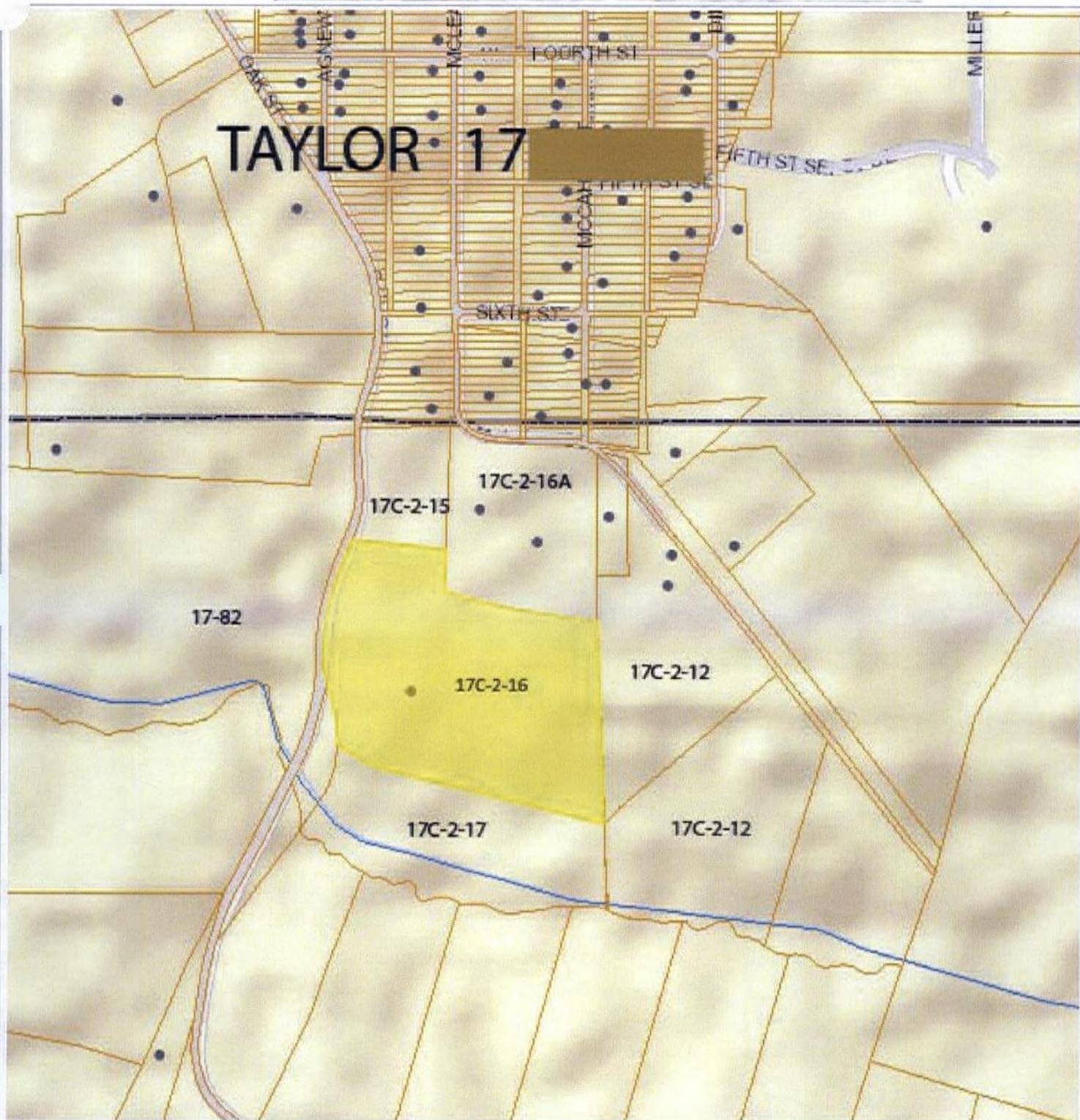
*Ending Month:* December



**NOTTOWAY  
COUNTY**

# NutriBlend

BIOSOLIDS LAND APPLICATION



Scale: 1:9027.977411

Date: 05/19/2015

Printed By:

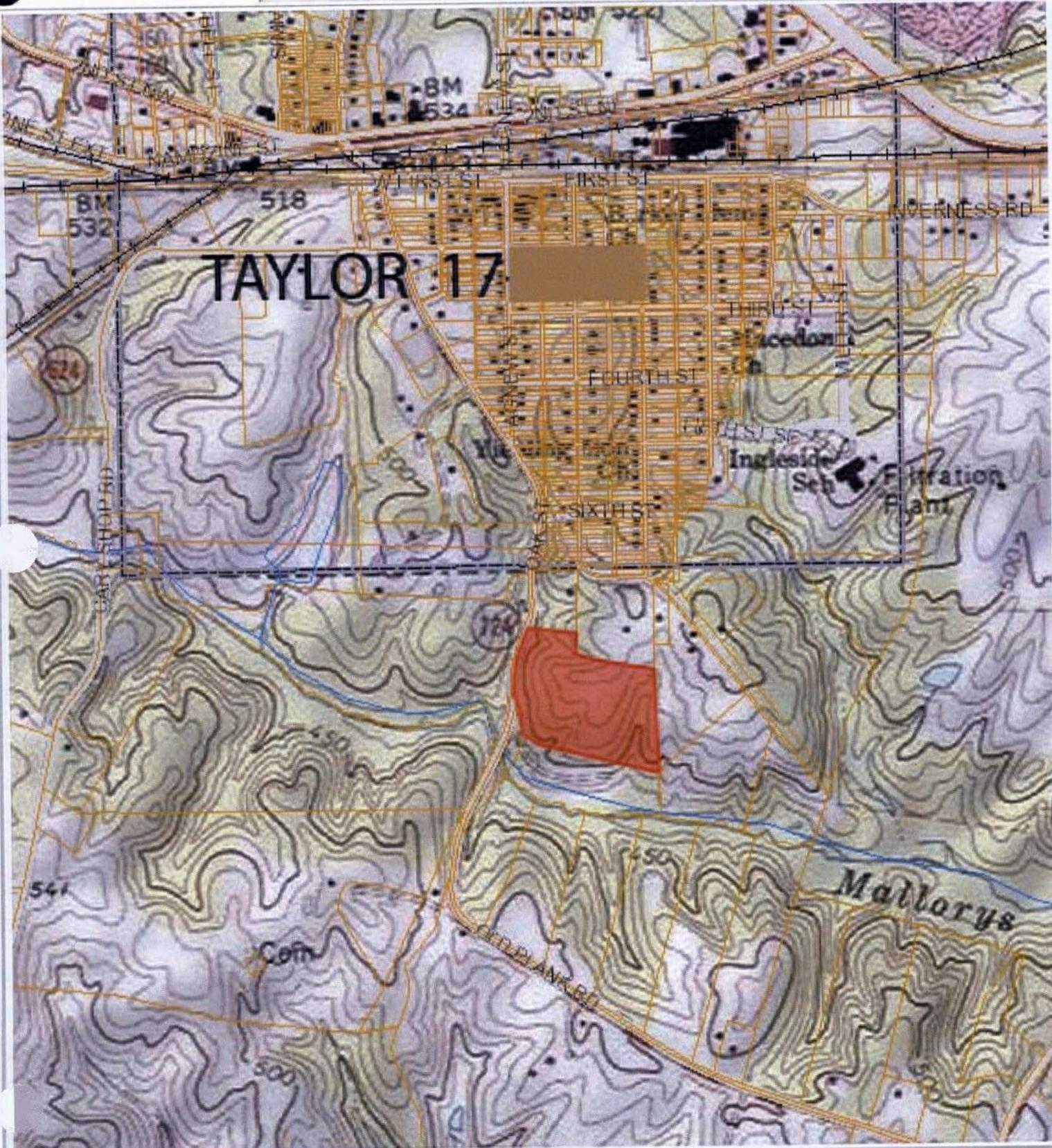
Under Virginia State Law, these real estate assessment records are public information. Display of this property information on the internet is specifically authorized by the Code of Virginia §58.1-3122.2 (as amended).



**NOTTOWAY COUNTY**

# NutriBlend

BIOSOLIDS LAND APPLICATION



Scale: 1:18055.954822

Date: 03/07/2015

Printed By:

**TAYLOR FARM**  
**Tract T-17**  
**Field Data Sheet**

Field	Total	Field Coordinates	
	Acres	Latitude	Longitude
1	16.40	37.178084	-78.199484
<b>1</b>	<b>16.40</b>		

watershed co      CU05

Tax ID              17C-2-16

owner              Norman Taylor

Site Type    Agricultural

Ag. Practice See NMP for Yearly Crop Rotation

## TAYLOR T-18

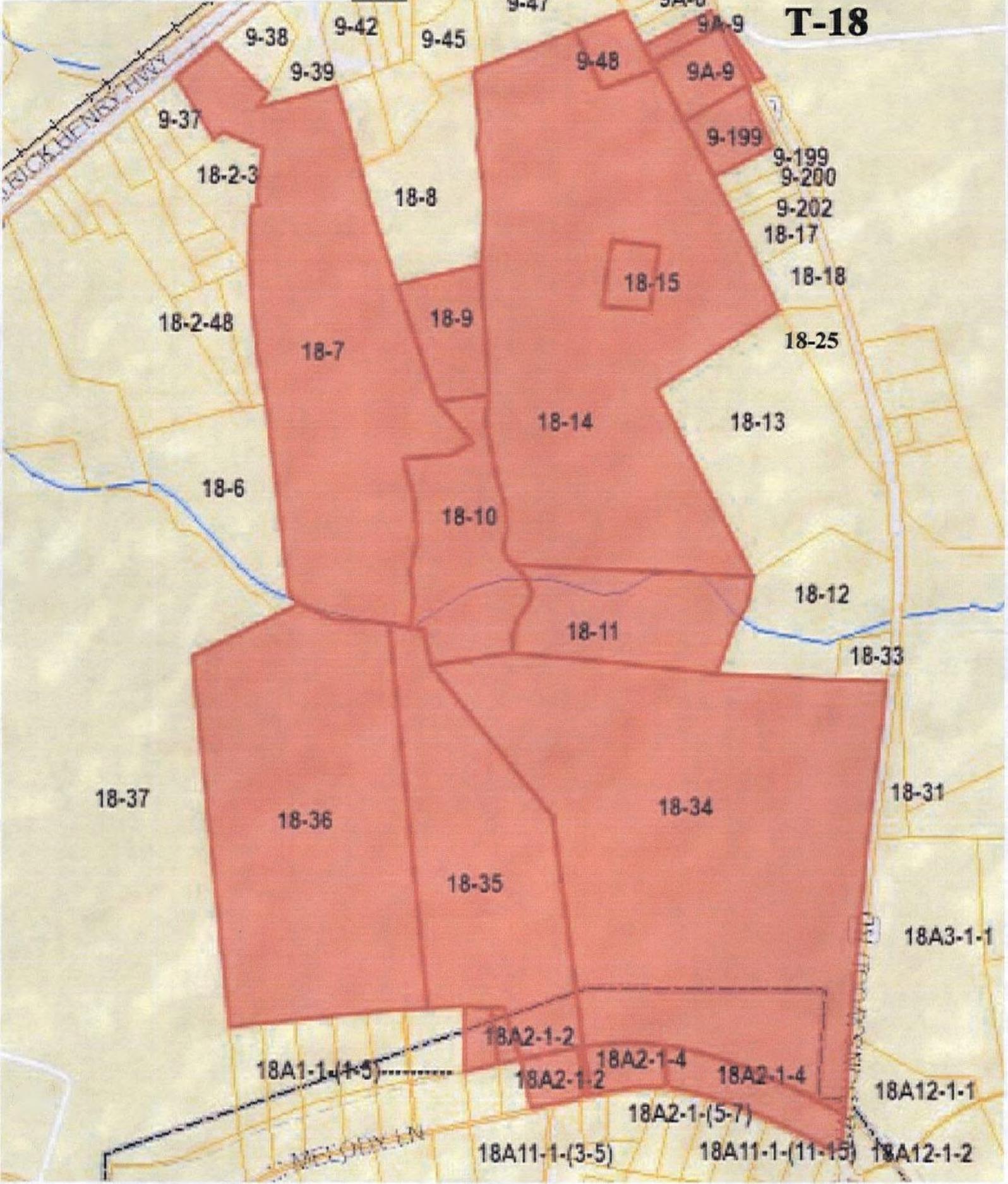


	Buffer		Field Boundary		Intermittent Stream
	Occupied Dwelling/Structure/Well	200 ft. buffer			
	Public Roadway		Property Line		Surface Water

elody Ln  
y Virginia Ave



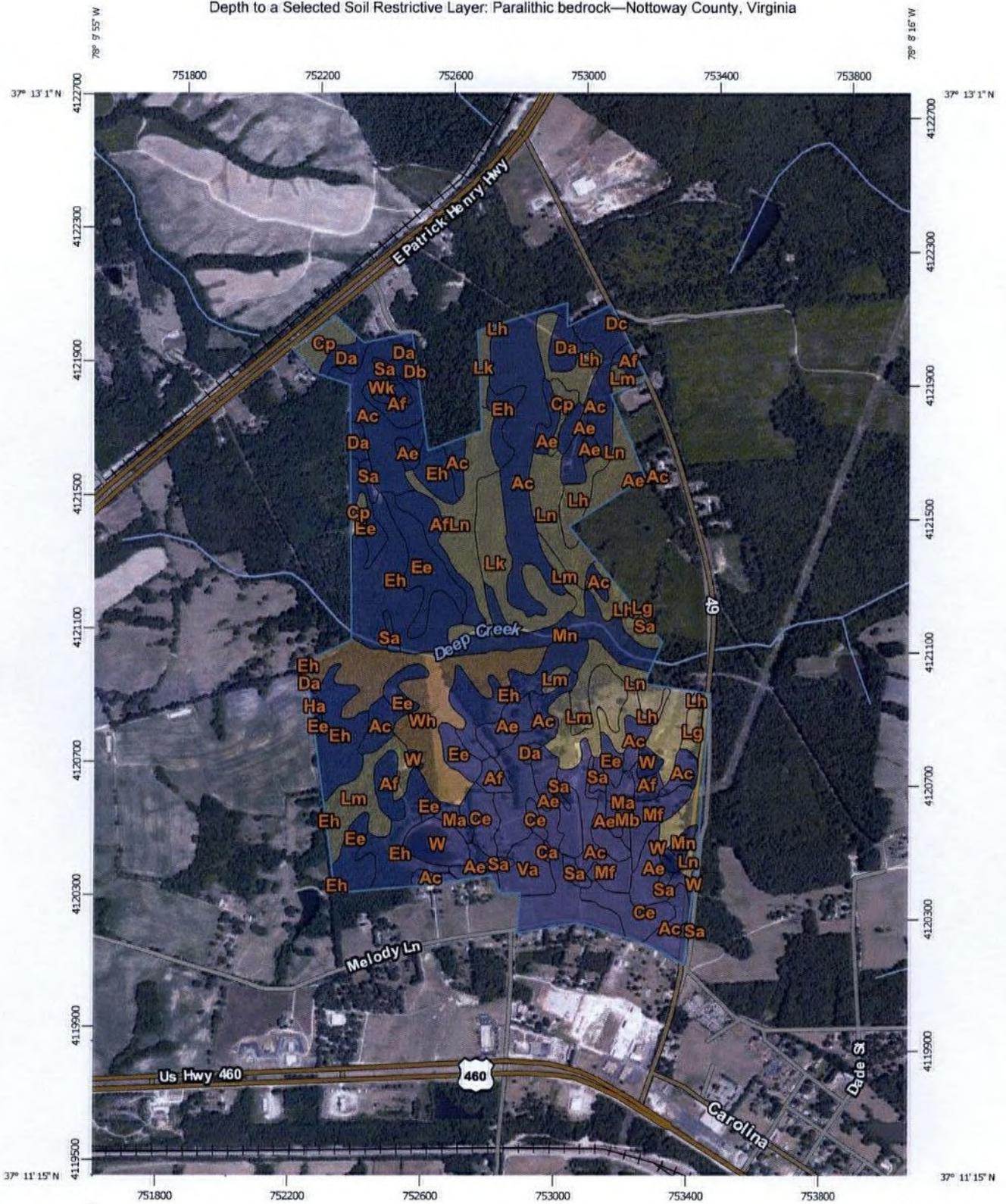
# City of T-18



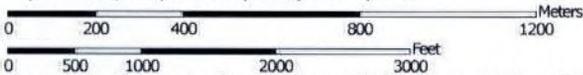




Depth to a Selected Soil Restrictive Layer: Paralitric bedrock—Nottoway County, Virginia



Map Scale: 1:15,800 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge ticks: UTM Zone 17N WGS84



### MAP LEGEND

-  Area of Interest (AOI)
-  Area of Interest (AOI)
- Soils**
- Soil Rating Polygons**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Soil Rating Lines**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Soil Rating Points**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Water Features**
-  Streams and Canals
- Transportation**
-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads
- Background**
-  Aerial Photography

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

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

Source of Map: Natural Resources Conservation Service  
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>  
 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: Nottoway County, Virginia  
 Survey Area Data: Version 10, Dec 16, 2013

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

Date(s) aerial images were photographed: May 10, 2010—Jul 4, 2010

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 a Selected Soil Restrictive Layer: Paralithic bedrock

Depth to a Selected Soil Restrictive Layer: Paralithic bedrock— Summary by Map Unit — Nottoway County, Virginia (VA135)				
Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
Ac	Appling coarse sandy loam, undulating phase	>200	88.1	21.7%
Ae	Appling coarse sandy loam, rolling phase	>200	26.1	6.4%
Af	Appling coarse sandy loam, eroded rolling phase	>200	16.4	4.1%
Ca	Cecil clay loam, eroded undulating phase	>200	0.3	0.1%
Ce	Cecil coarse sandy loam, undulating phase	>200	10.6	2.6%
Cp	Colfax sandy loam, undulating phase	71	6.4	1.6%
Da	Durham coarse sandy loam, undulating phase	>200	8.7	2.1%
Db	Durham coarse sandy loam, rolling phase	>200	0.3	0.1%
Dc	Durham fine sandy loam, undulating phase	>200	0.1	0.0%
Ee	Enon-Vance-Helena soils, undulating phases	>200	24.2	6.0%
Eh	Enon-Vance-Helena soils, eroded rolling	>200	54.9	13.5%
Ha	Helena fine sandy loam, undulating phase	>200	0.5	0.1%
Lg	Louisburg sandy loam, undulating phase	66	1.9	0.5%
Lh	Louisburg sandy loam, rolling phase	66	16.3	4.0%
Lk	Louisburg sandy loam, eroded rolling phase	66	14.4	3.6%
Lm	Louisburg sandy loam, hilly phase	66	21.9	5.4%
Ln	Louisburg sandy loam, eroded hilly phase	66	43.0	10.6%
Ma	Madison clay loam, eroded undulating phase	>200	4.1	1.0%

Depth to a Selected Soil Restrictive Layer: Paralithic bedrock— Summary by Map Unit — Nottoway County, Virginia (VA135)				
Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
Mb	Madison clay loam, eroded rolling phase	>200	1.0	0.2%
Mf	Madison sandy loam, undulating phase	>200	4.8	1.2%
Mn	Mixed alluvial land	>200	13.4	3.3%
Sa	Seneca sandy loam	>200	6.4	1.6%
Va	Vance fine sandy loam, undulating phase	>200	5.5	1.3%
W	Water	>200	7.9	1.9%
Wh	Wilkes sandy loam, eroded hilly phase	43	27.9	6.9%
Wk	Worsham sandy loam	>200	0.4	0.1%
<b>Totals for Area of Interest</b>			<b>405.6</b>	<b>100.0%</b>

## Description

A "restrictive layer" is a nearly continuous layer that has one or more physical, chemical, or thermal properties that significantly impede the movement of water and air through the soil or that restrict roots or otherwise provide an unfavorable root environment. Examples are bedrock, cemented layers, dense layers, and frozen layers.

This theme presents the depth to the user selected type of restrictive layer as described in for each map unit. If no restrictive layer is described in a map unit, it is represented by the "> 200" depth class.

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

*Restriction Kind:* Paralithic bedrock

*Aggregation Method:* Dominant Component

*Component Percent Cutoff:* None Specified

*Tie-break Rule:* Lower

*Interpret Nulls as Zero:* No



### MAP LEGEND

-  Area of Interest (AOI)
- Soils**
- Soil Rating Polygons**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Soil Rating Lines**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Soil Rating Points**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Water Features**
-  Streams and Canals
- Transportation**
-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads
- Background**
-  Aerial Photography

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

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

Source of Map: Natural Resources Conservation Service  
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>  
 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: Nottoway County, Virginia  
 Survey Area Data: Version 10, Dec 16, 2013

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

Date(s) aerial images were photographed: May 10, 2010—Jul 4, 2010

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

Depth to Water Table— Summary by Map Unit — Nottoway County, Virginia (VA135)				
Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
Ac	Appling coarse sandy loam, undulating phase	>200	88.1	21.7%
Ae	Appling coarse sandy loam, rolling phase	>200	26.1	6.4%
Af	Appling coarse sandy loam, eroded rolling phase	>200	16.4	4.1%
Ca	Cecil clay loam, eroded undulating phase	>200	0.3	0.1%
Ce	Cecil coarse sandy loam, undulating phase	>200	10.6	2.6%
Cp	Colfax sandy loam, undulating phase	31	6.4	1.6%
Da	Durham coarse sandy loam, undulating phase	>200	8.7	2.1%
Db	Durham coarse sandy loam, rolling phase	>200	0.3	0.1%
Dc	Durham fine sandy loam, undulating phase	>200	0.1	0.0%
Ee	Enon-Vance-Helena soils, undulating phases	>200	24.2	6.0%
Eh	Enon-Vance-Helena soils, eroded rolling	>200	54.9	13.5%
Ha	Helena fine sandy loam, undulating phase	61	0.5	0.1%
Lg	Louisburg sandy loam, undulating phase	>200	1.9	0.5%
Lh	Louisburg sandy loam, rolling phase	>200	16.3	4.0%
Lk	Louisburg sandy loam, eroded rolling phase	>200	14.4	3.6%
Lm	Louisburg sandy loam, hilly phase	>200	21.9	5.4%
Ln	Louisburg sandy loam, eroded hilly phase	>200	43.0	10.6%
Ma	Madison clay loam, eroded undulating phase	>200	4.1	1.0%
Mb	Madison clay loam, eroded rolling phase	>200	1.0	0.2%

Depth to Water Table— Summary by Map Unit — Nottoway County, Virginia (VA135)				
Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
Mf	Madison sandy loam, undulating phase	>200	4.8	1.2%
Mn	Mixed alluvial land	31	13.4	3.3%
Sa	Seneca sandy loam	84	6.4	1.6%
Va	Vance fine sandy loam, undulating phase	>200	5.5	1.3%
W	Water	>200	7.9	1.9%
Wh	Wilkes sandy loam, eroded hilly phase	>200	27.9	6.9%
Wk	Worsham sandy loam	15	0.4	0.1%
<b>Totals for Area of Interest</b>			<b>405.6</b>	<b>100.0%</b>

## 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



*Remain  
not on  
site map*

*9-47*



Scale: 1:18055.954822

Date: 03/07/2015

Printed By:

Under Virginia State Law, these real estate assessment records are public information. Display of this property information on the internet is specifically authorized by the Code of Virginia §58.1-3122.2 (as amended).

**TAYLOR Farm  
Tract T-18  
Field Data Sheet**

**RECEIVED  
APR 26 2016  
DEQ - BRRO**

Field	Total	Field Coordinates	
	Acres	Latitude	Longitude
1	245.0	37.201794	-78.150708
2	137.75	37.196699	-78.149484
<b>2</b>	<b>382.75</b>		

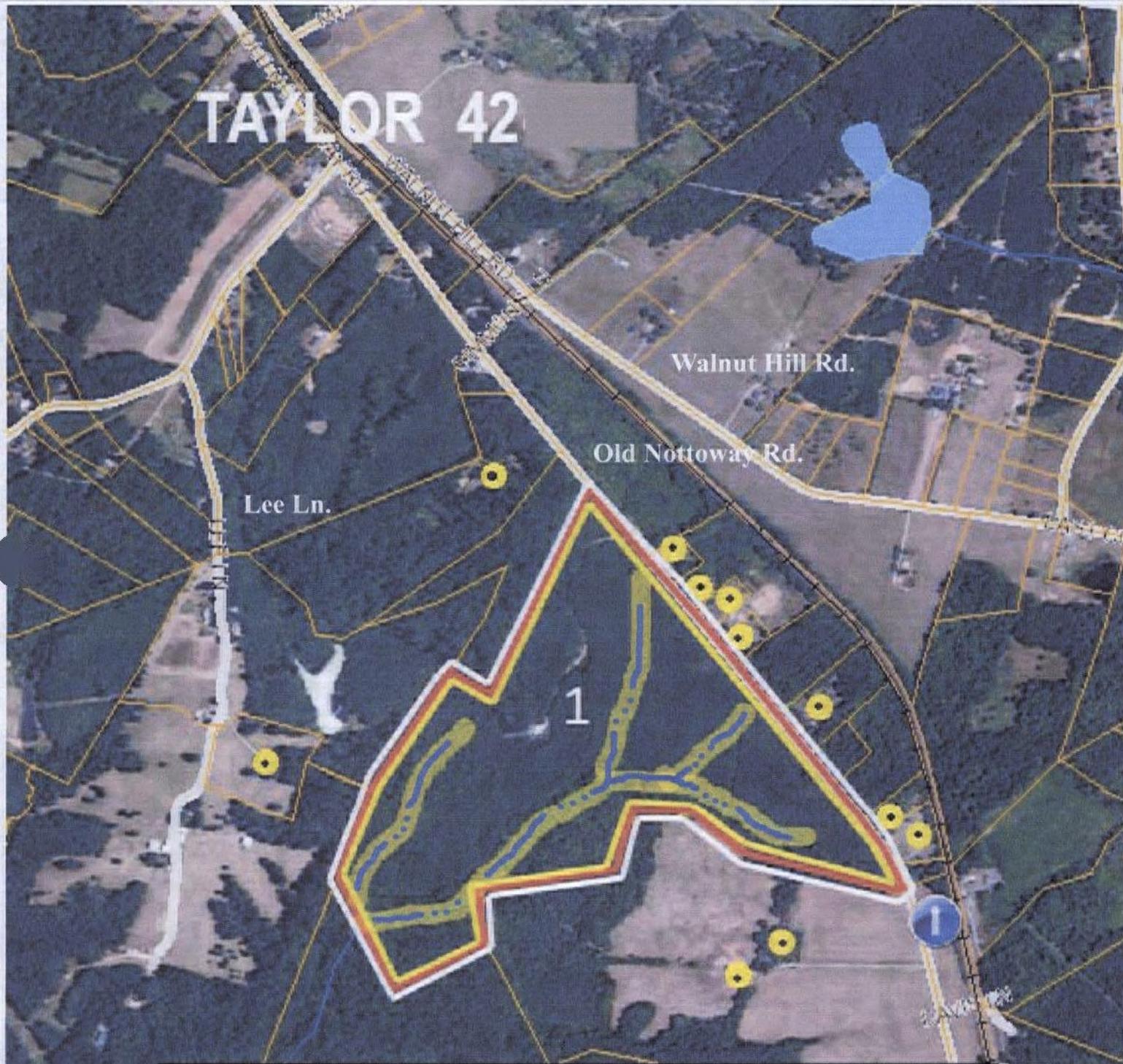
**Watershed Code**

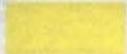
**JA29**

**Tax ID 18-7,9,11,14,15  
Owner Norman Taylor III  
Tax ID 18-35  
Owner Norman Taylor Jr. & Donald Taylor  
Tax ID 18-36  
Owner Norman Taylor Jr.**

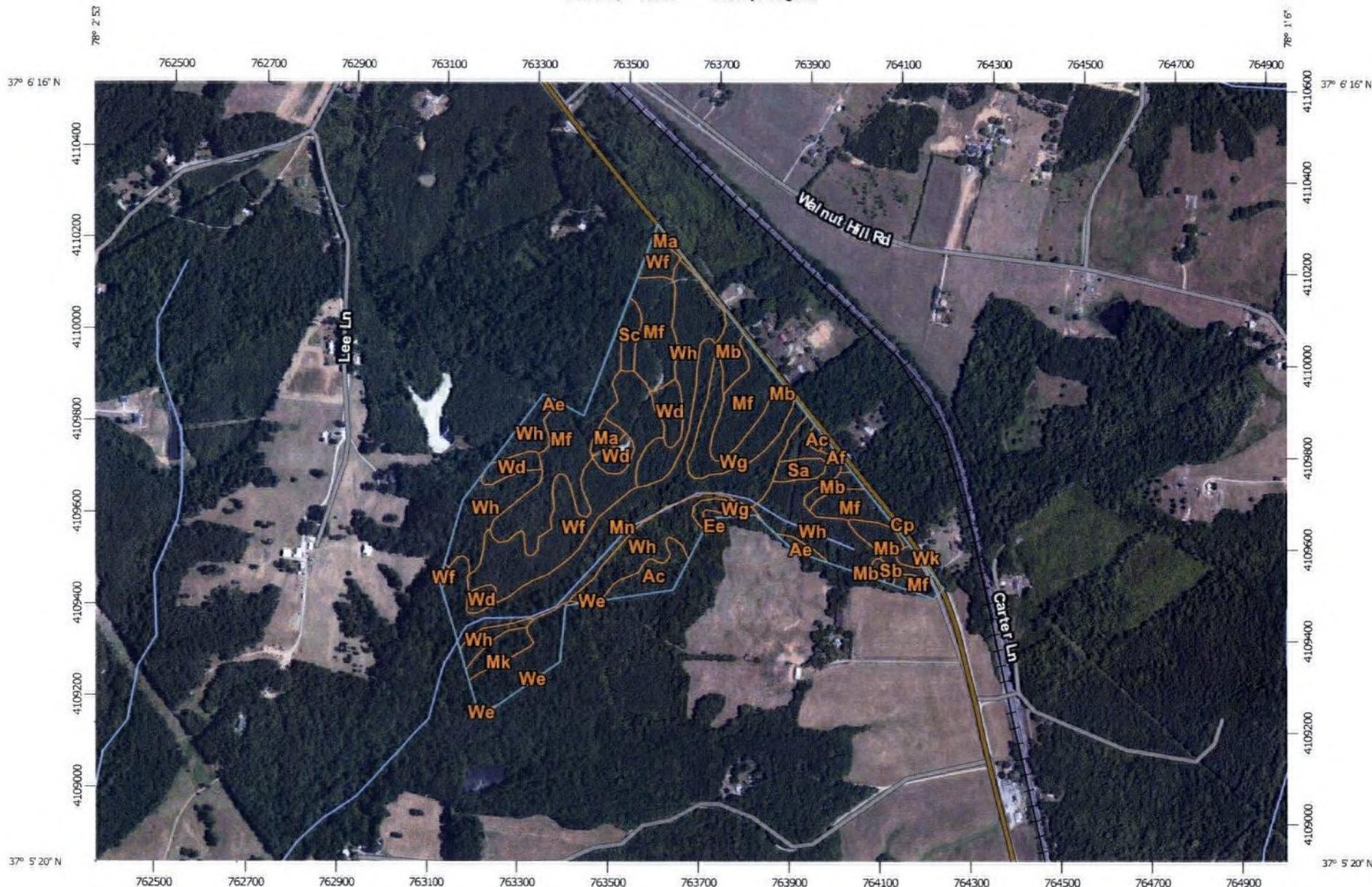
**Site Type Forested/Agriculture**

**Ag. Practice See NMP for Yearly Crop Rotation**



 Buffer	 Field Boundary	 Intermittent Stream
 Occupied Dwelling/Structure/Well 200 ft. buffer	 Public Roadway	 Property Line
		 Surface Water

Soil Map—Nott County, Virginia



Map Scale: 1:12,000 if printed on A landscape (11" x 8.5") sheet.

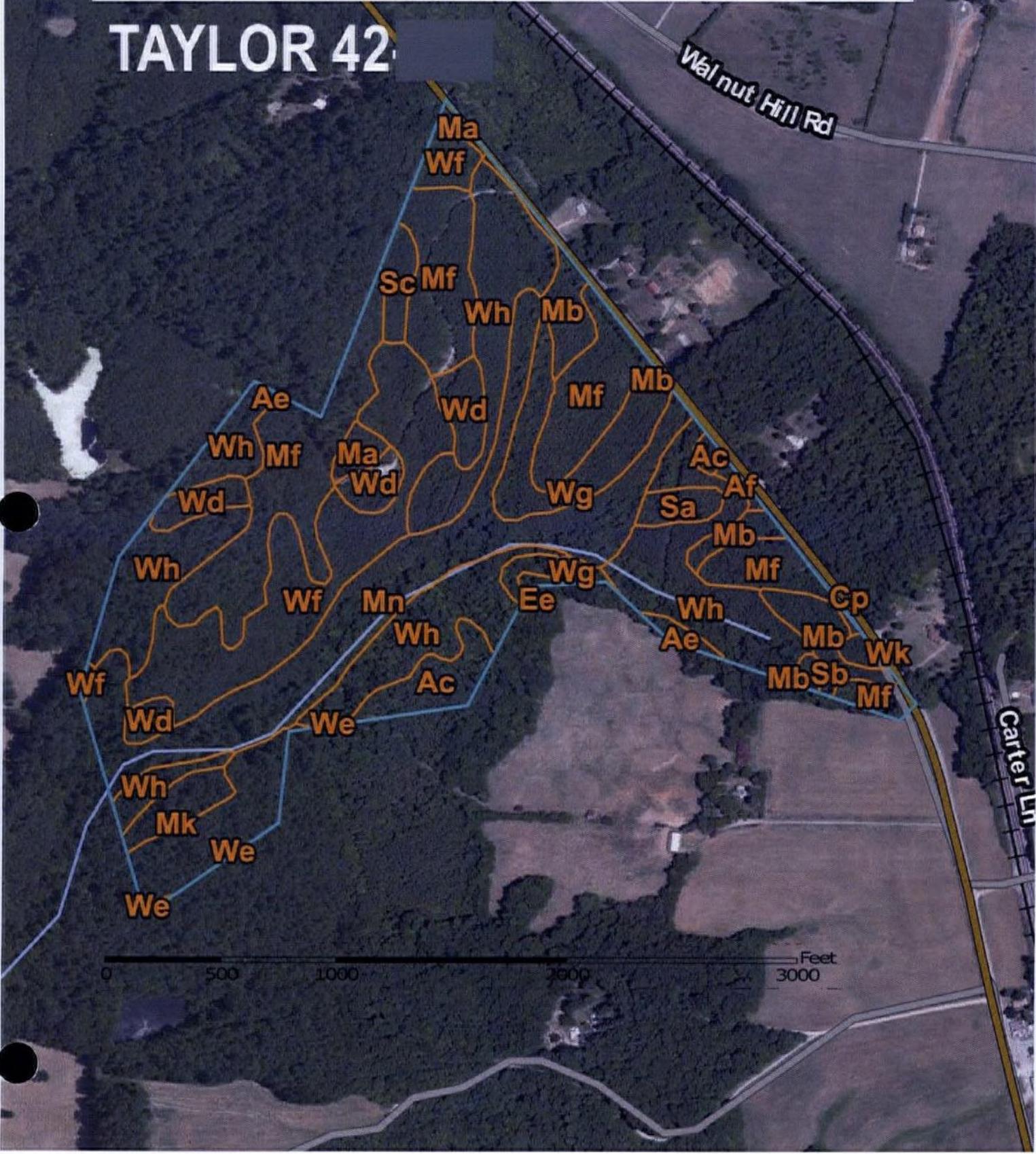
0 150 300 600 900 Meters  
0 500 1000 2000 3000 Feet

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84

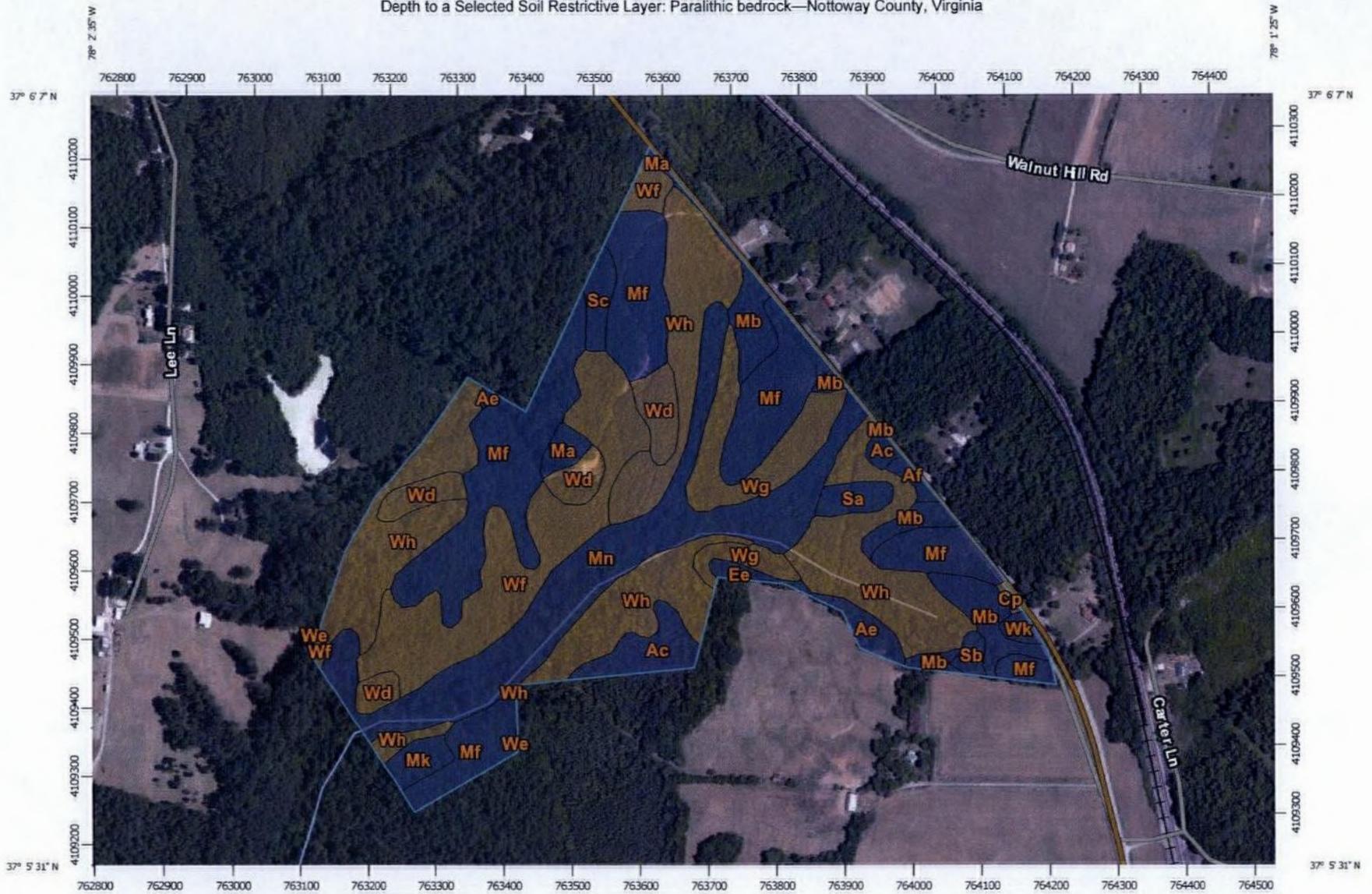
# NutriBlend

BIOSOLIDS LAND APPLICATION

## TAYLOR 42



Depth to a Selected Soil Restrictive Layer: Paralithic bedrock—Nottoway County, Virginia



Map Scale: 1:7,920 if printed on A landscape (11" x 8.5") sheet.  
 0 100 200 400 600 Meters  
 0 350 700 1400 2100 Feet  
 Map projection: Web Mercator Corner coordinates: WGS84 Edge ticks: UTM Zone 17N WGS84

### MAP LEGEND

-  Area of Interest (AOI)
- Soils**
- Soil Rating Polygons**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Soil Rating Lines**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Soil Rating Points**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Water Features**
-  Streams and Canals
- Transportation**
-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads
- Background**
-  Aerial Photography

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

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: <http://websoilsurvey.nrcs.usda.gov>  
 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: Nottoway County, Virginia  
 Survey Area Data: Version 10, Dec 16, 2013

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

Date(s) aerial images were photographed: May 10, 2010—Jul 4, 2010

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 a Selected Soil Restrictive Layer: Paralithic bedrock

Depth to a Selected Soil Restrictive Layer: Paralithic bedrock— Summary by Map Unit — Nottoway County, Virginia (VA135)				
Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
Ac	Appling coarse sandy loam, undulating phase	>200	2.8	2.5%
Ae	Appling coarse sandy loam, rolling phase	>200	1.3	1.2%
Af	Appling coarse sandy loam, eroded rolling phase	>200	0.5	0.4%
Cp	Cofax sandy loam, undulating phase	71	0.2	0.2%
Ee	Enon-Vance-Helena soils, undulating phases	>200	0.6	0.5%
Ma	Madison clay loam, eroded undulating phase	>200	1.0	0.9%
Mb	Madison clay loam, eroded rolling phase	>200	5.8	5.2%
Mf	Madison sandy loam, undulating phase	>200	24.9	22.2%
Mk	Madison sandy loam, eroded rolling phase	>200	1.2	1.1%
Mn	Mixed alluvial land	>200	16.7	14.9%
Sa	Seneca sandy loam	>200	1.1	1.0%
Sb	Starr loam	>200	0.6	0.5%
Sc	Stony land	>200	1.2	1.1%
Wd	Wilkes sandy loam, undulating phase	43	4.8	4.3%
We	Wilkes sandy loam, rolling phase	43	0.0	0.0%
Wf	Wilkes sandy loam, eroded rolling phase	43	13.9	12.4%
Wg	Wilkes sandy loam, hilly phase	43	6.2	5.5%
Wh	Wilkes sandy loam, eroded hilly phase	43	28.8	25.7%
Wk	Worsham sandy loam	>200	0.5	0.4%
<b>Totals for Area of Interest</b>			<b>112.0</b>	<b>100.0%</b>

## Description

A "restrictive layer" is a nearly continuous layer that has one or more physical, chemical, or thermal properties that significantly impede the movement of water and air through the soil or that restrict roots or otherwise provide an unfavorable root environment. Examples are bedrock, cemented layers, dense layers, and frozen layers.

This theme presents the depth to the user selected type of restrictive layer as described in for each map unit. If no restrictive layer is described in a map unit, it is represented by the "> 200" depth class.

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

*Restriction Kind:* Paralithic bedrock

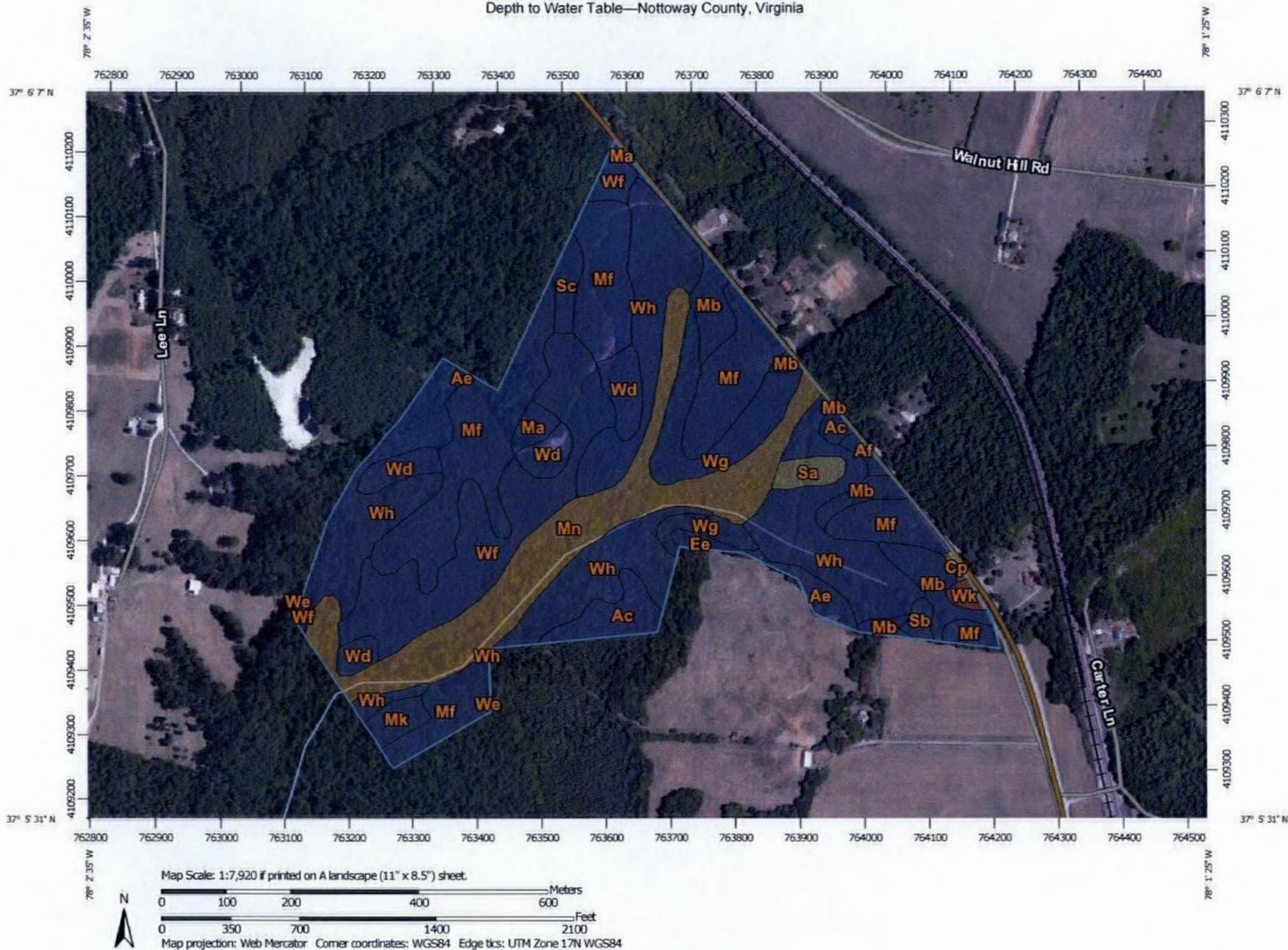
*Aggregation Method:* Dominant Component

*Component Percent Cutoff:* None Specified

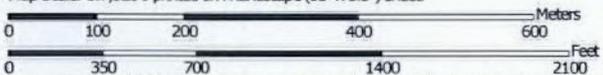
*Tie-break Rule:* Lower

*Interpret Nulls as Zero:* No

Depth to Water Table—Nottoway County, Virginia



Map Scale: 1:7,920 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge ticks: UTM Zone 17N WGS84



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

10/28/2015  
Page 1 of 4

### MAP LEGEND

-  Area of Interest (AOI)
-  Area of Interest (AOI)
- Soils**
- Soil Rating Polygons**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Soil Rating Lines**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Soil Rating Points**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Water Features**
-  Streams and Canals
- Transportation**
-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads
- Background**
-  Aerial Photography

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

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: <http://websoilsurvey.nrcs.usda.gov>  
 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: Nottoway County, Virginia  
 Survey Area Data: Version 10, Dec 16, 2013

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

Date(s) aerial images were photographed: May 10, 2010—Jul 4, 2010

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

Depth to Water Table— Summary by Map Unit — Nottoway County, Virginia (VA135)				
Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
Ac	Appling coarse sandy loam, undulating phase	>200	2.8	2.5%
Ae	Appling coarse sandy loam, rolling phase	>200	1.3	1.2%
Af	Appling coarse sandy loam, eroded rolling phase	>200	0.5	0.4%
Cp	Cofax sandy loam, undulating phase	31	0.2	0.2%
Ee	Enon-Vance-Helena soils, undulating phases	>200	0.6	0.5%
Ma	Madison clay loam, eroded undulating phase	>200	1.0	0.9%
Mb	Madison clay loam, eroded rolling phase	>200	5.8	5.2%
Mf	Madison sandy loam, undulating phase	>200	24.9	22.2%
Mk	Madison sandy loam, eroded rolling phase	>200	1.2	1.1%
Mn	Mixed alluvial land	31	16.7	14.9%
Sa	Seneca sandy loam	84	1.1	1.0%
Sb	Starr loam	>200	0.6	0.5%
Sc	Stony land	>200	1.2	1.1%
Wd	Wilkes sandy loam, undulating phase	>200	4.8	4.3%
We	Wilkes sandy loam, rolling phase	>200	0.0	0.0%
Wf	Wilkes sandy loam, eroded rolling phase	>200	13.9	12.4%
Wg	Wilkes sandy loam, hilly phase	>200	6.2	5.5%
Wh	Wilkes sandy loam, eroded hilly phase	>200	28.8	25.7%
Wk	Worsham sandy loam	15	0.5	0.4%
<b>Totals for Area of Interest</b>			<b>112.0</b>	<b>100.0%</b>

## 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

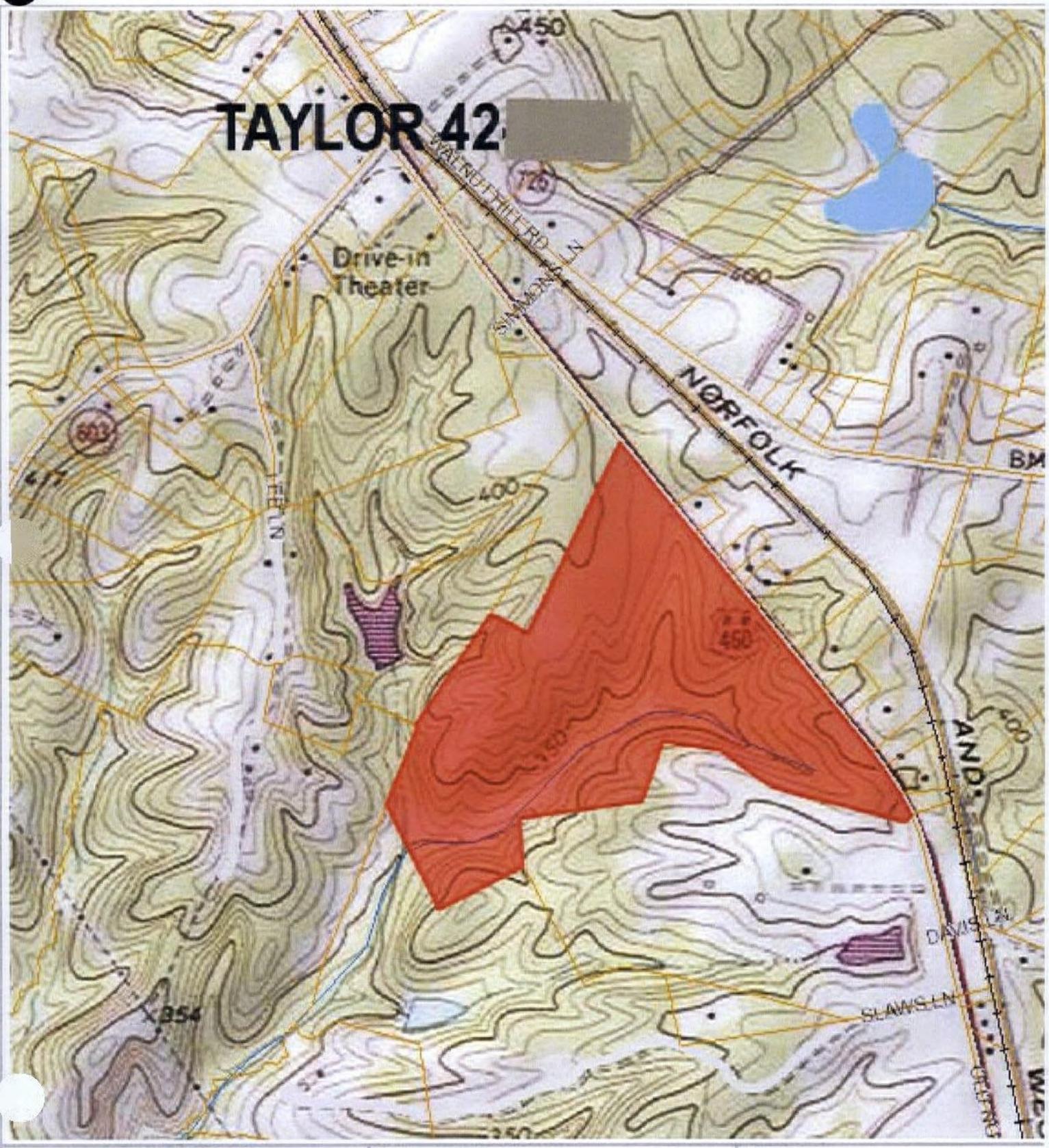
*Interpret Nulls as Zero:* No

*Beginning Month:* January

*Ending Month:* December

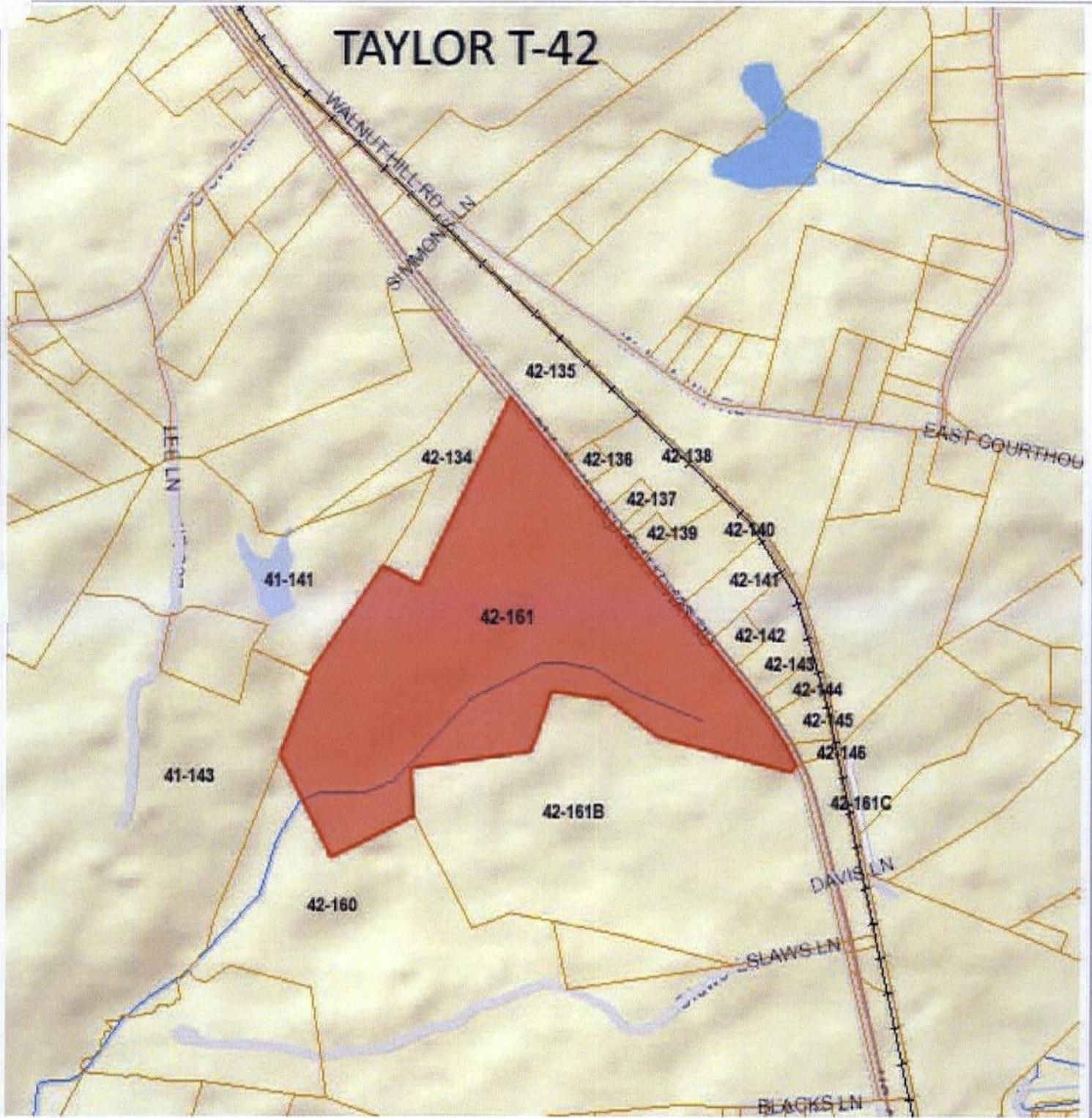


**TAYLOR 42**





# TAYLOR T-42



Scale: 1:18055.954822

Date: 05/21/2015

Printed By:

Under Virginia State Law, these real estate assessment records are public information. Display of this property information on the internet is specifically authorized by the Code of Virginia §58.1-3122.2 (as amended).

**TAYLOR FARM**  
**Tract T-42**  
**Field Data Sheet**

Field	Total	Field Coordinates	
	Acres	Latitude	Longitude
1	121.00	37.097645	-78.032698
<b>1</b>	<b>121.00</b>		

watershed co      CU06

Tax ID              42-161

owner               Norman Taylor

Site Type    Forested

Ag. Practice See NMP for YearlyCrop Rotation



**NOTTOWAY  
COUNTY**

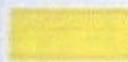
# NutriBlend

BIOSOLIDS LAND APPLICATION



**TAYLOR T-3928**



 Buffer	 Field Boundary	 Intermittent Stream
 Occupied Dwelling/Structure/Well 200 ft. buffer	 Public Roadway	 Property Line
		 Surface Water

Soil Map—Nottoway County, Virginia



Map Scale: 1:6,000 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84

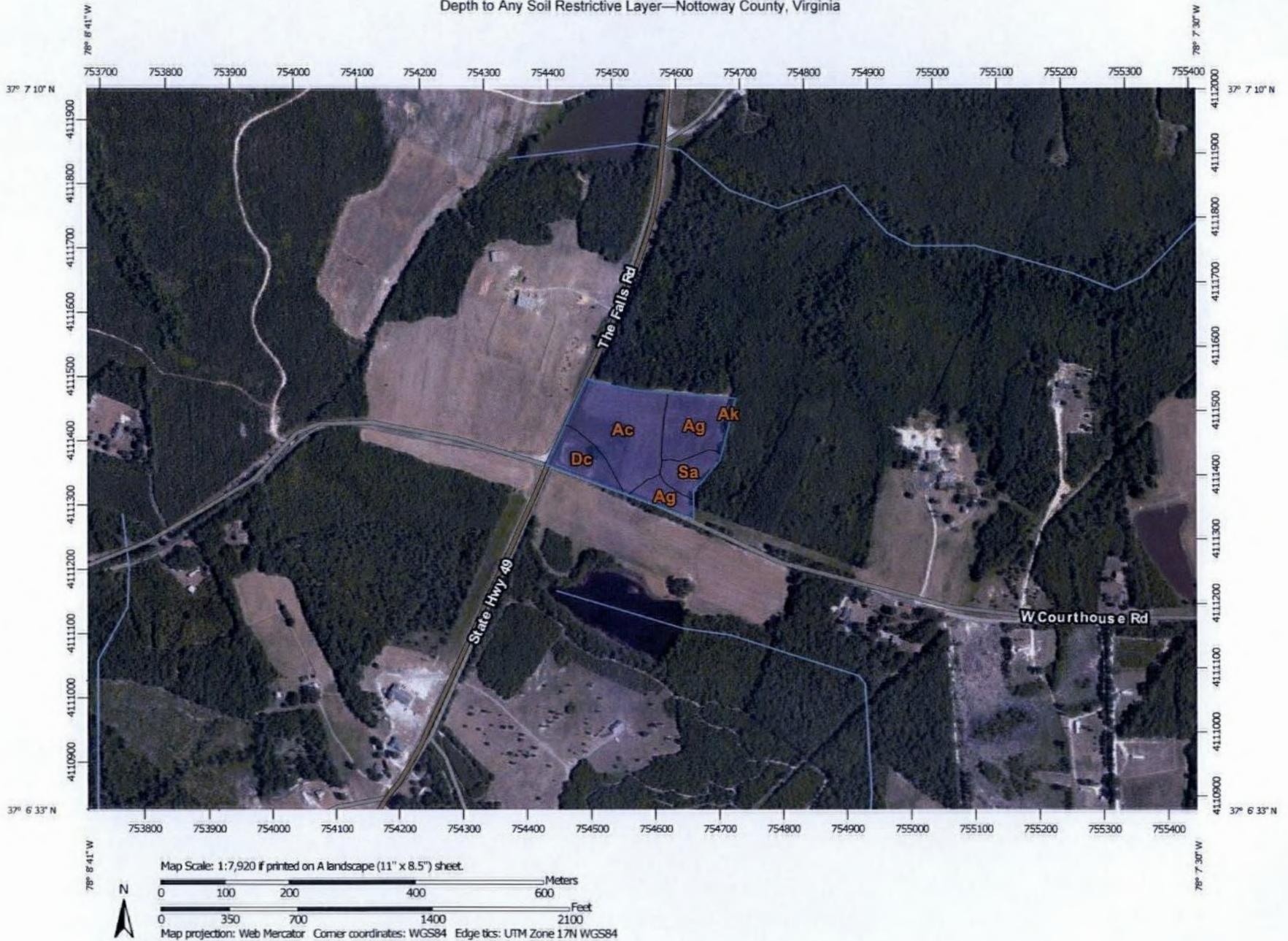
# NutriBlend

BIOSOLIDS LAND APPLICATION

TAYLOR T-3928



Depth to Any Soil Restrictive Layer—Nottoway County, Virginia



### MAP LEGEND

-  Area of Interest (AOI)
-  Area of Interest (AOI)
- Soils**
- Soil Rating Polygons**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Soil Rating Lines**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Soil Rating Points**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Water Features**
-  Streams and Canals
- Transportation**
-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads
- Background**
-  Aerial Photography

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

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: <http://websoilsurvey.nrcs.usda.gov>  
 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: Nottoway County, Virginia  
 Survey Area Data: Version 10, Dec 16, 2013

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

Date(s) aerial images were photographed: May 10, 2010—Jul 4, 2010

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 Any Soil Restrictive Layer

Depth to Any Soil Restrictive Layer— Summary by Map Unit — Nottoway County, Virginia (VA135)				
Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
Ac	Appling coarse sandy loam, undulating phase	>200	4.3	43.7%
Ag	Appling fine sandy loam, undulating phase	>200	3.1	30.8%
Ak	Appling fine sandy loam, rolling phase	>200	0.1	1.1%
Dc	Durham fine sandy loam, undulating phase	>200	1.4	14.2%
Sa	Seneca sandy loam	>200	1.0	10.1%
<b>Totals for Area of Interest</b>			<b>9.9</b>	<b>100.0%</b>

### Description

A "restrictive layer" is a nearly continuous layer that has one or more physical, chemical, or thermal properties that significantly impede the movement of water and air through the soil or that restrict roots or otherwise provide an unfavorable root environment. Examples are bedrock, cemented layers, dense layers, and frozen layers.

This theme presents the depth to any type of restrictive layer that is described for each map unit. If more than one type of restrictive layer is described for an individual soil type, the depth to the shallowest one is presented. If no restrictive layer is described in a map unit, it is represented by the "> 200" depth class.

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

Depth to Water Table—Nottoway County, Virginia



Map Scale: 1:7,920 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

### MAP LEGEND

-  Area of Interest (AOI)
-  Not rated or not available
- Water Features**
  -  Streams and Canals
- Transportation**
  -  Rails
  -  Interstate Highways
  -  US Routes
  -  Major Roads
  -  Local Roads
- Background**
  -  Aerial Photography
- Soils**
  - Soil Rating Polygons**
    -  0 - 25
    -  25 - 50
    -  50 - 100
    -  100 - 150
    -  150 - 200
    -  > 200
    -  Not rated or not available
  - Soil Rating Lines**
    -  0 - 25
    -  25 - 50
    -  50 - 100
    -  100 - 150
    -  150 - 200
    -  > 200
    -  Not rated or not available
  - Soil Rating Points**
    -  0 - 25
    -  25 - 50
    -  50 - 100
    -  100 - 150
    -  150 - 200
    -  > 200

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

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: <http://websoilsurvey.nrcs.usda.gov>  
 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: Nottoway County, Virginia  
 Survey Area Data: Version 10, Dec 16, 2013

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

Date(s) aerial images were photographed: May 10, 2010—Jul 4, 2010

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

Depth to Water Table— Summary by Map Unit — Nottoway County, Virginia (VA136)				
Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
Ac	Appling coarse sandy loam, undulating phase	>200	4.3	43.7%
Ag	Appling fine sandy loam, undulating phase	>200	3.1	30.8%
Ak	Appling fine sandy loam, rolling phase	>200	0.1	1.1%
Dc	Durham fine sandy loam, undulating phase	>200	1.4	14.2%
Sa	Seneca sandy loam	84	1.0	10.1%
<b>Totals for Area of Interest</b>			<b>9.9</b>	<b>100.0%</b>

### 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



**TAYLOR T-3928**





# TAYLOR 3928



Scale: 1:9027.977411

Date: 05/19/2015

Printed By:

Under Virginia State Law, these real estate assessment records are public information. Display of this property information on the internet is specifically authorized by the Code of Virginia §58.1-3122.2 (as amended).

**Taylor Farm  
Tract T-3928  
Field Data Sheet**

Field	Total	Field Coordinates	
	Acres	Latitude	Longitude
1	9.8	37.11456	-78.134738
1	9.8		

**Watershed Code**

**CU05**

**Tax ID**

**39-28**

**Owner**

**Norman Taylor III**

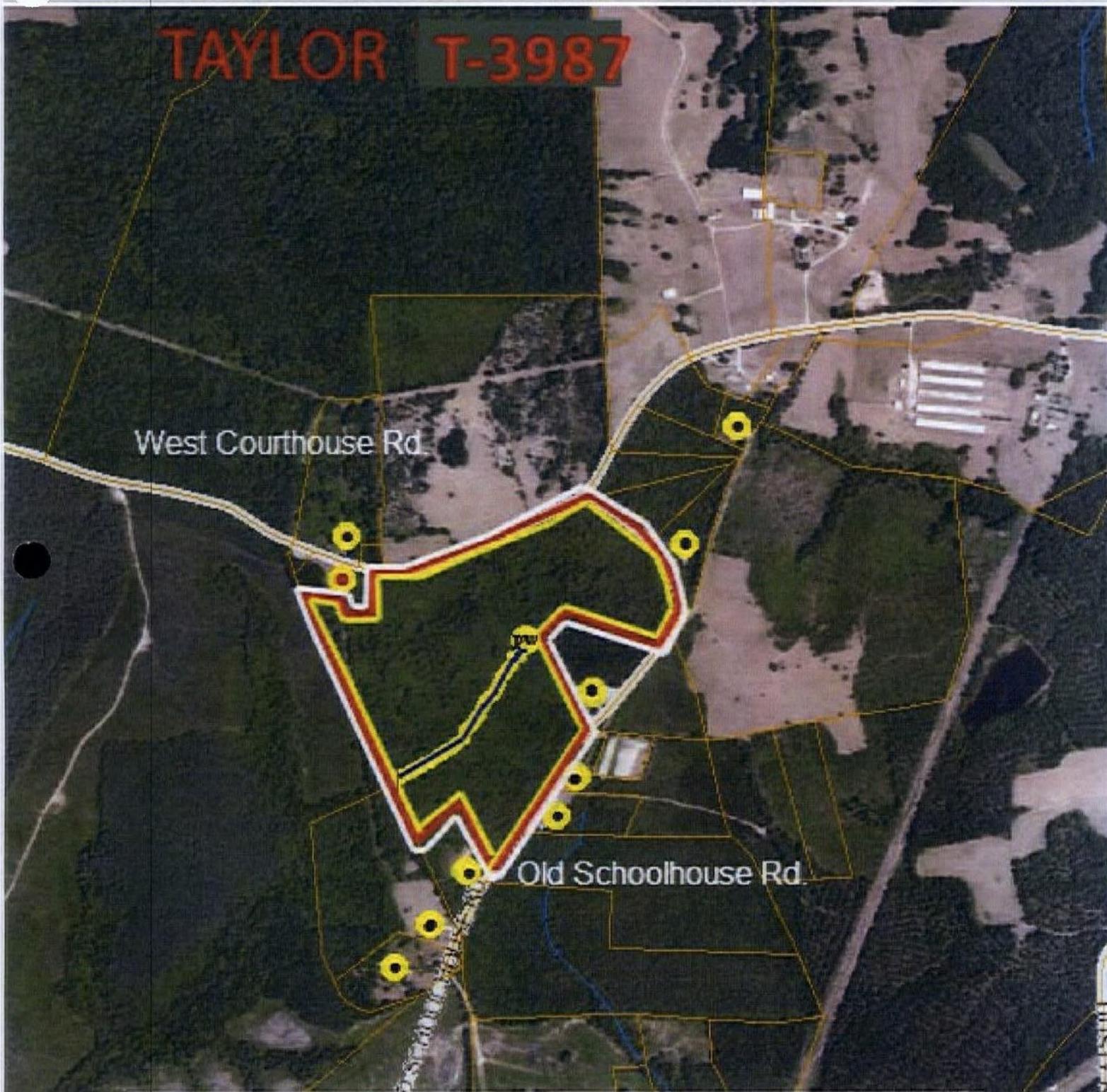
**Site Type**

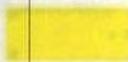
**Agriculture**

**Ag. Practice see NMP for Yearly Crop Rotation**

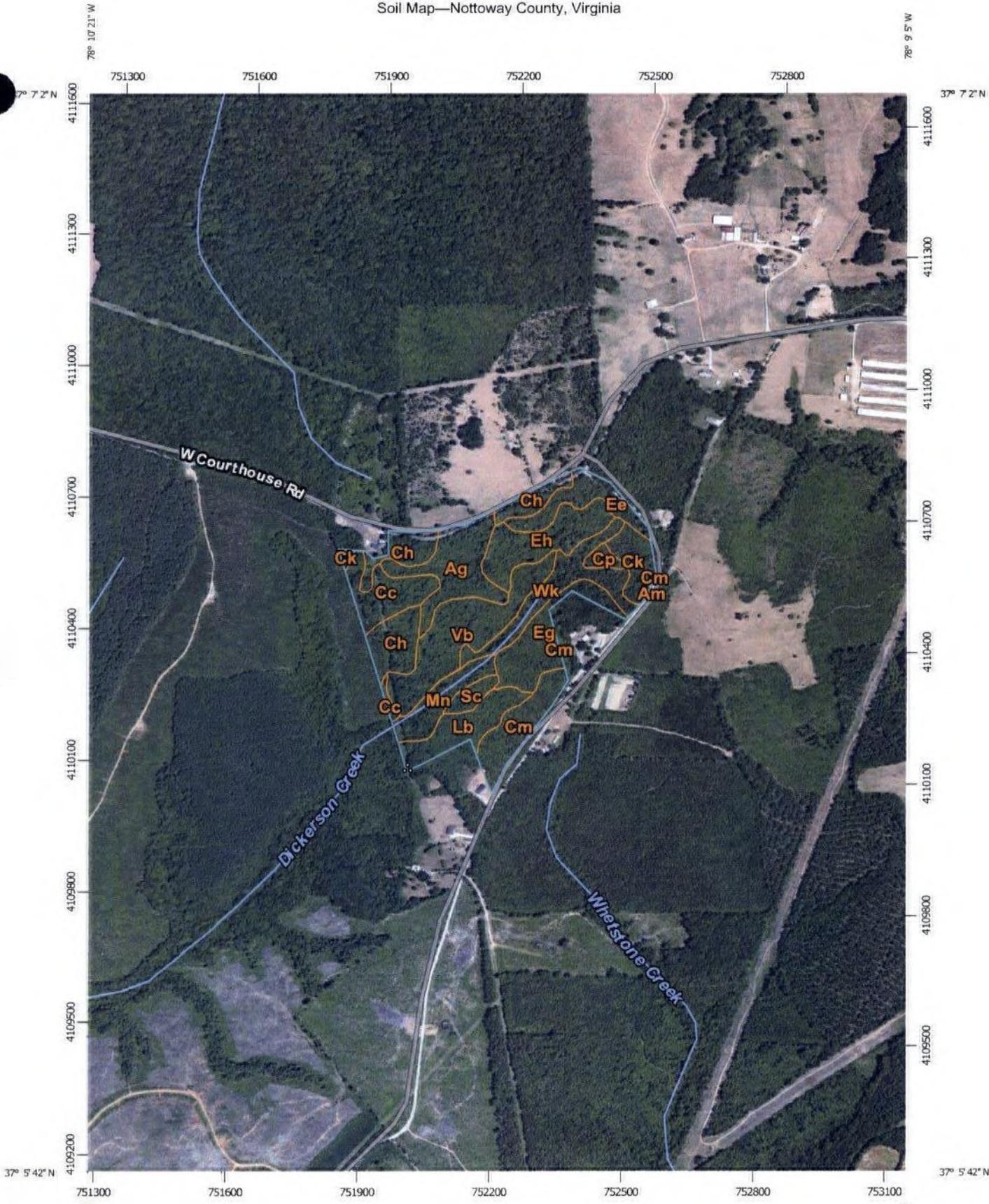


## TAYLOR T-3987



	Buffer		Field Boundary		Intermittent Stream
	Occupied Dwelling/Structure/Well 200 ft. buffer		Public Roadway		Property Line
			Surface Water		

Soil Map—Nottoway County, Virginia



Map Scale: 1:12,000 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 17N WGS84

# NutriBlend

BIOSOLIDS LAND APPLICATION

## TAYLOR T- 3987

W Courthouse Rd

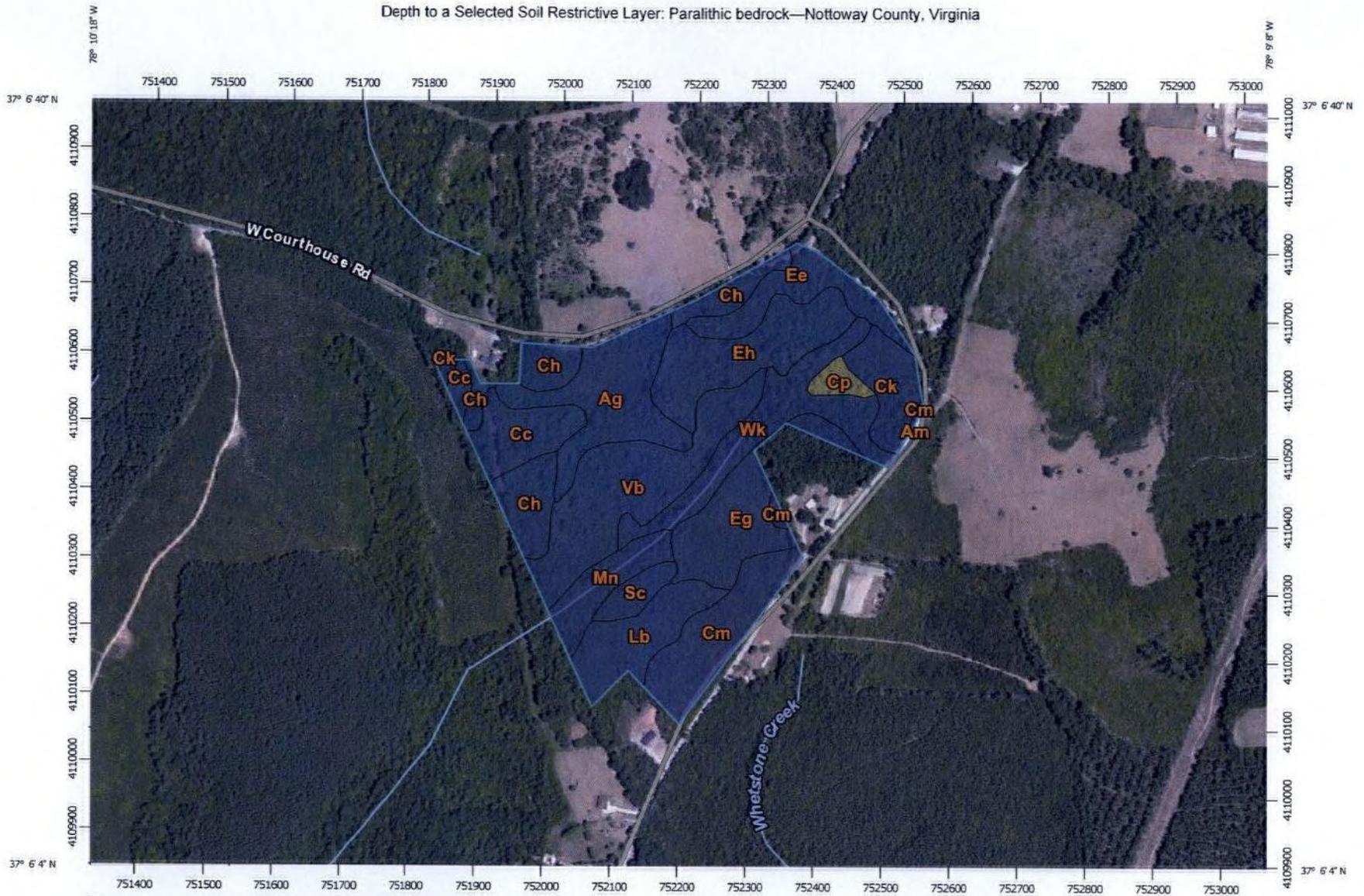
Dickerson Creek

Whetstone Creek

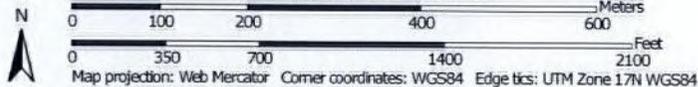
Ch Eh Cp Ck Cm Am  
Ag Wk Eg Cm  
Vb Mn Sc Lb Cm  
Cc Ch Cc



Depth to a Selected Soil Restrictive Layer: Paralithic bedrock—Nottoway County, Virginia



Map Scale: 1:7,920 if printed on A landscape (11" x 8.5") sheet.



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

### MAP LEGEND

-  Area of Interest (AOI)
- Soils**
- Soil Rating Polygons**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Soil Rating Lines**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Soil Rating Points**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Water Features**
-  Streams and Canals
- Transportation**
-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads
- Background**
-  Aerial Photography

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

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: <http://websoilsurvey.nrcs.usda.gov>  
 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: Nottoway County, Virginia  
 Survey Area Data: Version 10, Dec 16, 2013

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

Date(s) aerial images were photographed: May 10, 2010—Jul 4, 2010

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 a Selected Soil Restrictive Layer: Paralithic bedrock

Depth to a Selected Soil Restrictive Layer: Paralithic bedrock— Summary by Map Unit — Nottoway County, Virginia (VA135)				
Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
Ag	Appling fine sandy loam, undulating phase	>200	6.7	10.4%
Am	Appling and Herndon very fine sandy loams, undulating phases	>200	0.0	0.0%
Cc	Cecil clay loam, severely eroded rolling phase	>200	3.6	5.7%
Ch	Cecil fine sandy loam, undulating phase	>200	5.7	8.9%
Ck	Cecil fine sandy loam, rolling phase	>200	3.1	4.9%
Cm	Cecil and Georgeville very fine sandy loams, undulating phases	>200	5.4	8.5%
Cp	Colfax sandy loam, undulating phase	71	0.8	1.3%
Ee	Enon-Vance-Helena soils, undulating phases	>200	3.5	5.5%
Eg	Enon-Vance-Helena soils, rolling phases	>200	5.5	8.6%
Eh	Enon-Vance-Helena soils, eroded rolling	>200	6.4	9.9%
Lb	Lloyd clay loam, eroded rolling phase	>200	4.2	6.6%
Mn	Mixed alluvial land	>200	2.8	4.3%
Sc	Stony land	>200	1.3	2.0%
Vb	Vance fine sandy loam, rolling phase	>200	8.9	13.9%
Wk	Worsham sandy loam	>200	6.1	9.5%
<b>Totals for Area of Interest</b>			<b>64.1</b>	<b>100.0%</b>

## Description

A "restrictive layer" is a nearly continuous layer that has one or more physical, chemical, or thermal properties that significantly impede the movement of water and air through the soil or that restrict roots or otherwise provide an unfavorable root environment. Examples are bedrock, cemented layers, dense layers, and frozen layers.

This theme presents the depth to the user selected type of restrictive layer as described in for each map unit. If no restrictive layer is described in a map unit, it is represented by the "> 200" depth class.

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

*Restriction Kind:* Paralithic bedrock

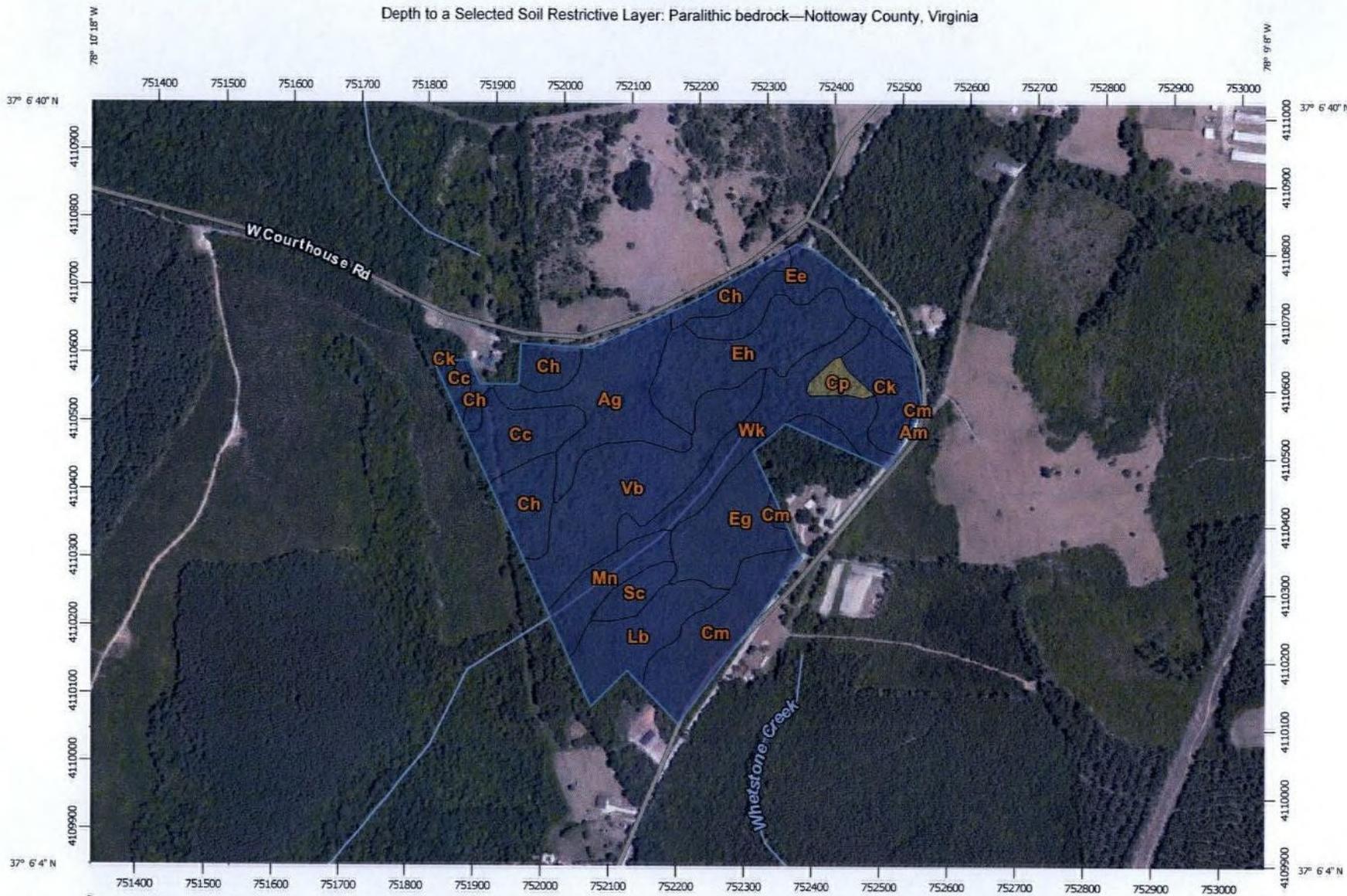
*Aggregation Method:* Dominant Component

*Component Percent Cutoff:* None Specified

*Tie-break Rule:* Lower

*Interpret Nulls as Zero:* No

Depth to a Selected Soil Restrictive Layer: Paralithic bedrock—Nottoway County, Virginia



Map Scale: 1:7,920 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge ticks: UTM Zone 17N WGS84

### MAP LEGEND

- Area of Interest (AOI)**
  -  Area of Interest (AOI)
- Soils**
  - Soil Rating Polygons**
    -  0 - 25
    -  25 - 50
    -  50 - 100
    -  100 - 150
    -  150 - 200
    -  > 200
    -  Not rated or not available
  - Soil Rating Lines**
    -  0 - 25
    -  25 - 50
    -  50 - 100
    -  100 - 150
    -  150 - 200
    -  > 200
    -  Not rated or not available
  - Soil Rating Points**
    -  0 - 25
    -  25 - 50
    -  50 - 100
    -  100 - 150
    -  150 - 200
    -  > 200
- Not rated or not available**
  -  Not rated or not available
- 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 1:20,000.

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: <http://websoilsurvey.nrcs.usda.gov>  
 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: Nottoway County, Virginia  
 Survey Area Data: Version 10, Dec 16, 2013

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

Date(s) aerial images were photographed: May 10, 2010—Jul 4, 2010

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 a Selected Soil Restrictive Layer: Paralithic bedrock

<b>Depth to a Selected Soil Restrictive Layer: Paralithic bedrock— Summary by Map Unit — Nottoway County, Virginia (VA135)</b>				
<b>Map unit symbol</b>	<b>Map unit name</b>	<b>Rating (centimeters)</b>	<b>Acres in AOI</b>	<b>Percent of AOI</b>
Ag	Appling fine sandy loam, undulating phase	>200	6.7	10.4%
Am	Appling and Herndon very fine sandy loams, undulating phases	>200	0.0	0.0%
Cc	Cecil clay loam, severely eroded rolling phase	>200	3.6	5.7%
Ch	Cecil fine sandy loam, undulating phase	>200	5.7	8.9%
Ck	Cecil fine sandy loam, rolling phase	>200	3.1	4.9%
Cm	Cecil and Georgeville very fine sandy loams, undulating phases	>200	5.4	8.5%
Cp	Colfax sandy loam, undulating phase	71	0.8	1.3%
Ee	Enon-Vance-Helena soils, undulating phases	>200	3.5	5.5%
Eg	Enon-Vance-Helena soils, rolling phases	>200	5.5	8.6%
Eh	Enon-Vance-Helena soils, eroded rolling	>200	6.4	9.9%
Lb	Lloyd clay loam, eroded rolling phase	>200	4.2	6.6%
Mn	Mixed alluvial land	>200	2.8	4.3%
Sc	Stony land	>200	1.3	2.0%
Vb	Vance fine sandy loam, rolling phase	>200	8.9	13.9%
Wk	Worsham sandy loam	>200	6.1	9.5%
<b>Totals for Area of Interest</b>			<b>64.1</b>	<b>100.0%</b>

## Description

A "restrictive layer" is a nearly continuous layer that has one or more physical, chemical, or thermal properties that significantly impede the movement of water and air through the soil or that restrict roots or otherwise provide an unfavorable root environment. Examples are bedrock, cemented layers, dense layers, and frozen layers.

This theme presents the depth to the user selected type of restrictive layer as described in for each map unit. If no restrictive layer is described in a map unit, it is represented by the "> 200" depth class.

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

*Restriction Kind:* Paralithic bedrock

*Aggregation Method:* Dominant Component

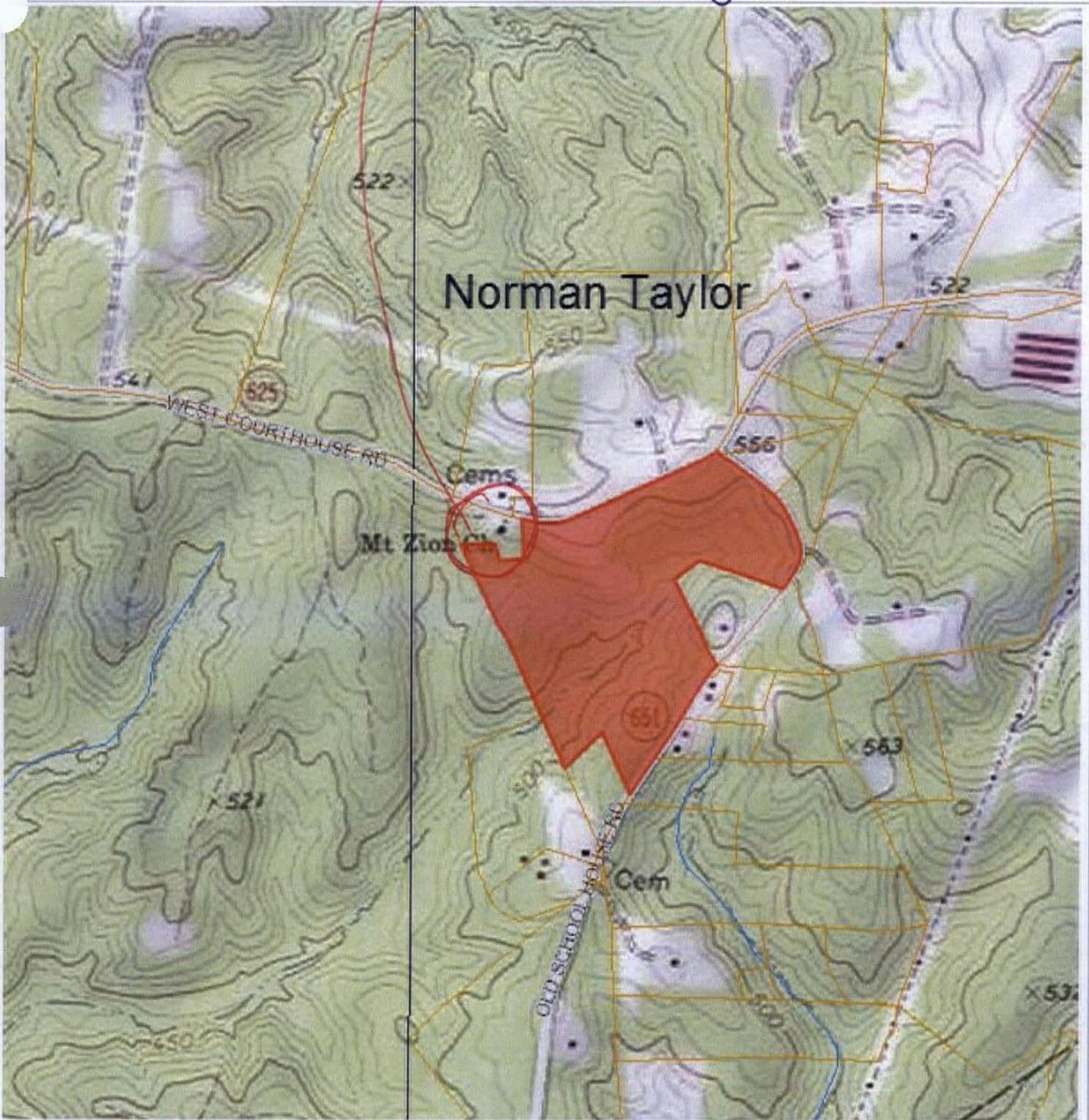
*Component Percent Cutoff:* None Specified

*Tie-break Rule:* Lower

*Interpret Nulls as Zero:* No



*400 Buller Church Public Access OK*



Scale: 1:18055.954822

Date: 03/07/2015

Printed By:

Under Virginia State Law, these real estate assessment records are public information. Display of this property information on the internet is specifically authorized by the Code of Virginia §58.1-3122.2 (as amended).

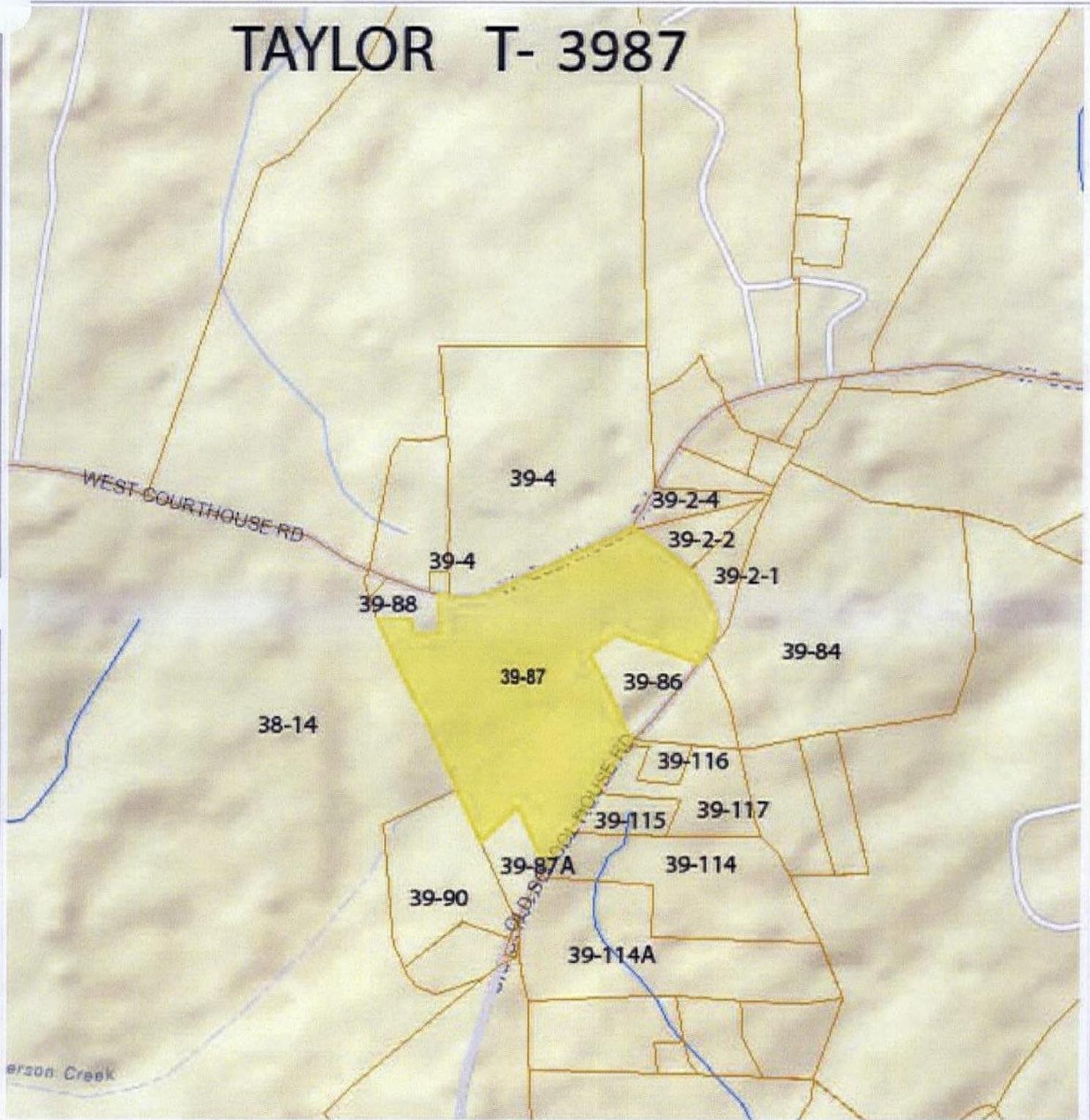


**NOTTOWAY  
COUNTY**

**NutriBlend**  
BIOSOLIDS LAND APPLICATION



# TAYLOR T- 3987



Scale: 1:18055.954822

Date: 05/19/2015

Printed By:

Under Virginia State Law, these real estate assessment records are public information. Display of this property information on the internet is specifically authorized by the Code of Virginia §58.1-3122.2 (as amended).

**TAYLOR FARM**  
**Tract T-3987**  
**Field Data Sheet**

Field	Total	Field Coordinates	
		Latitude	Longitude
1	63.21	37.105915	-78.162478
1	63.21		

watershed co CU01

Tax ID 39-87

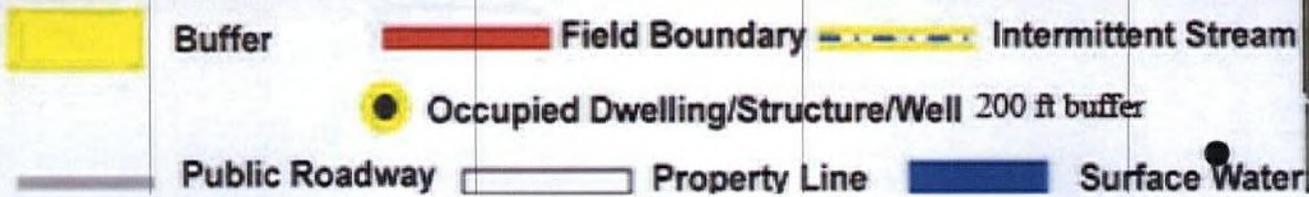
owner Norman Taylor

Site Type Forested

Ag. Practice See NMP for YearlyCrop Rotation



## TAYLOR T-9111



Soil Map—Nottoway County, Virginia



Map Scale: 1:7,920 if printed on A portrait (8.5" x 11") sheet.



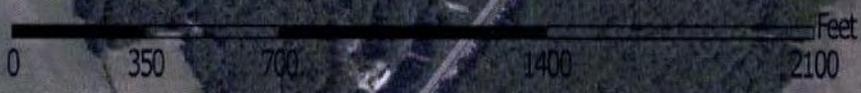
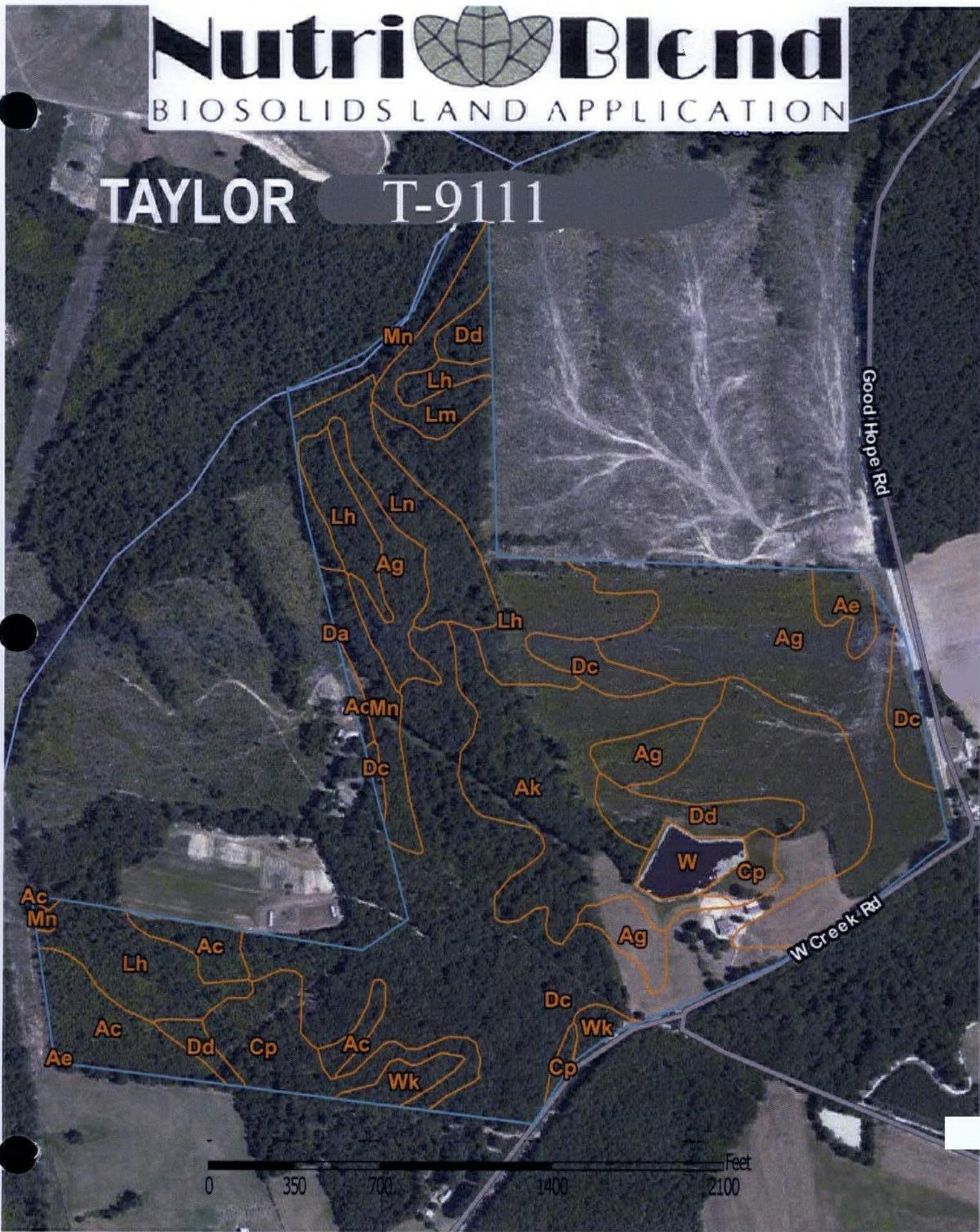
Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84



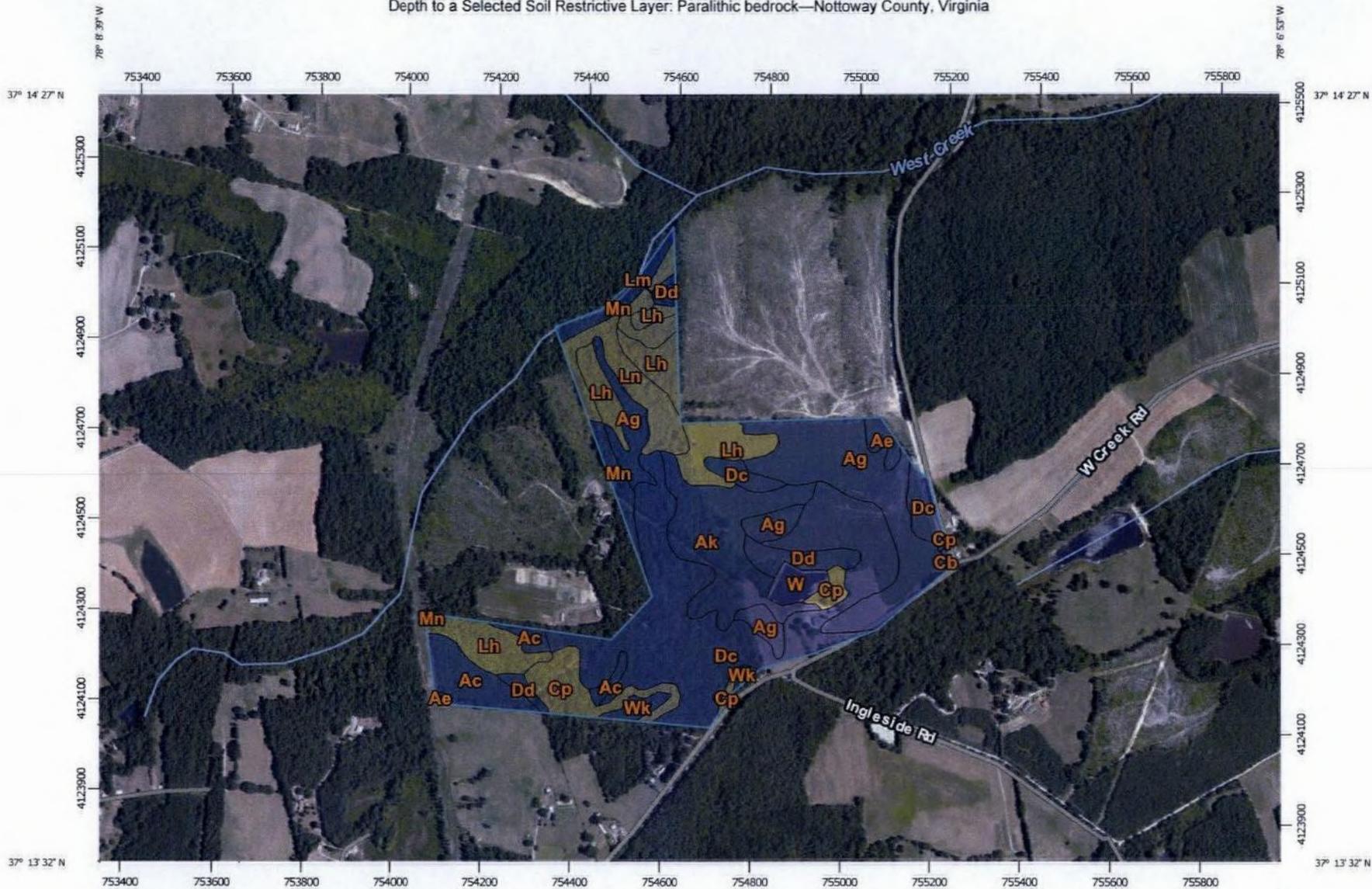
# NutriBlend

BIOSOLIDS LAND APPLICATION

## TAYLOR T-9111



Depth to a Selected Soil Restrictive Layer: Paralithic bedrock—Nottoway County, Virginia



Map Scale: 1:12,000 if printed on A landscape (11" x 8.5") sheet.

0 150 300 600 900 Meters

0 500 1000 2000 3000 Feet

Map projection: Web Mercator Corner coordinates: WGS84 Edge ticks: UTM Zone 17N WGS84

### MAP LEGEND

-  Area of Interest (AOI)
- Soils**
- Soil Rating Polygons**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Soil Rating Lines**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Soil Rating Points**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Water Features**
-  Streams and Canals
- Transportation**
-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads
- Background**
-  Aerial Photography

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

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

Source of Map: Natural Resources Conservation Service  
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>  
 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: Nottoway County, Virginia  
 Survey Area Data: Version 10, Dec 16, 2013

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

Date(s) aerial images were photographed: May 10, 2010—Jul 4, 2010

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 a Selected Soil Restrictive Layer: Paralithic bedrock

Depth to a Selected Soil Restrictive Layer: Paralithic bedrock— Summary by Map Unit — Nottoway County, Virginia (VA135)				
Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
Ac	Appling coarse sandy loam, undulating phase	>200	6.7	5.1%
Ae	Appling coarse sandy loam, rolling phase	>200	1.5	1.2%
Ag	Appling fine sandy loam, undulating phase	>200	24.7	18.8%
Ak	Appling fine sandy loam, rolling phase	>200	14.1	10.8%
Cb	Cecil clay loam, eroded rolling phase	>200	0.1	0.0%
Cp	Cofax sandy loam, undulating phase	71	6.9	5.3%
Dc	Durham fine sandy loam, undulating phase	>200	39.8	30.4%
Dd	Durham fine sandy loam, rolling phase	>200	4.3	3.3%
Lh	Louisburg sandy loam, rolling phase	66	15.1	11.5%
Lm	Louisburg sandy loam, hilly phase	66	2.6	2.0%
Ln	Louisburg sandy loam, eroded hilly phase	66	6.4	4.9%
Mn	Mixed alluvial land	>200	4.8	3.7%
W	Water	>200	2.1	1.6%
Wk	Worsham sandy loam	>200	1.7	1.3%
<b>Totals for Area of Interest</b>			<b>130.9</b>	<b>100.0%</b>

## Description

A "restrictive layer" is a nearly continuous layer that has one or more physical, chemical, or thermal properties that significantly impede the movement of water and air through the soil or that restrict roots or otherwise provide an unfavorable root environment. Examples are bedrock, cemented layers, dense layers, and frozen layers.

This theme presents the depth to the user selected type of restrictive layer as described in for each map unit. If no restrictive layer is described in a map unit, it is represented by the "> 200" depth class.

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

*Restriction Kind:* Paralithic bedrock

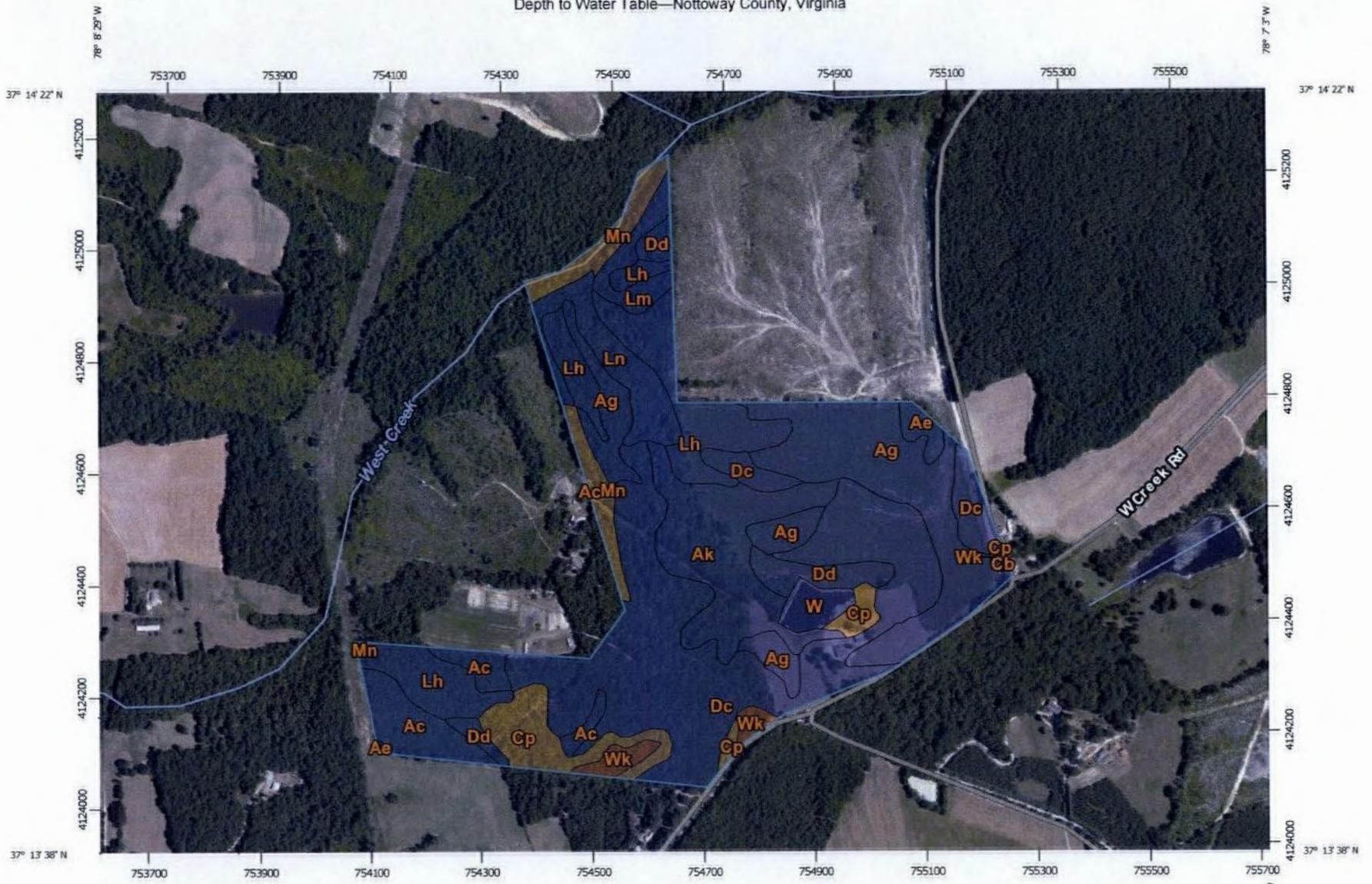
*Aggregation Method:* Dominant Component

*Component Percent Cutoff:* None Specified

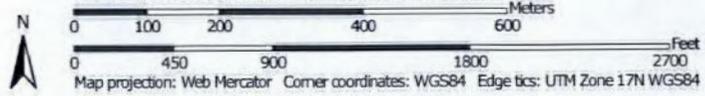
*Tie-break Rule:* Lower

*Interpret Nulls as Zero:* No

Depth to Water Table—Nottoway County, Virginia



Map Scale: 1:9,590 if printed on A landscape (11" x 8.5") sheet.



### MAP LEGEND

- Area of Interest (AOI)**
  -  Area of Interest (AOI)
- Soils**
  - Soil Rating Polygons**
    -  0 - 25
    -  25 - 50
    -  50 - 100
    -  100 - 150
    -  150 - 200
    -  > 200
    -  Not rated or not available
  - Soil Rating Lines**
    -  0 - 25
    -  25 - 50
    -  50 - 100
    -  100 - 150
    -  150 - 200
    -  > 200
    -  Not rated or not available
  - Soil Rating Points**
    -  0 - 25
    -  25 - 50
    -  50 - 100
    -  100 - 150
    -  150 - 200
    -  > 200
- Water Features**
  -  Streams and Canals
- Transportation**
  -  Rails
  -  Interstate Highways
  -  US Routes
  -  Major Roads
  -  Local Roads
- Background**
  -  Aerial Photography
-  Not rated or not available

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

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: <http://websoilsurvey.nrcs.usda.gov>  
 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: Nottoway County, Virginia  
 Survey Area Data: Version 10, Dec 16, 2013

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

Date(s) aerial images were photographed: May 10, 2010—Jul 4, 2010

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

Depth to Water Table— Summary by Map Unit — Nottoway County, Virginia (VA135)				
Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
Ac	Appling coarse sandy loam, undulating phase	>200	6.9	5.1%
Ae	Appling coarse sandy loam, rolling phase	>200	1.3	1.0%
Ag	Appling fine sandy loam, undulating phase	>200	24.4	18.1%
Ak	Appling fine sandy loam, rolling phase	>200	14.1	10.4%
Cb	Cecil clay loam, eroded rolling phase	>200	0.1	0.1%
Cp	Coffax sandy loam, undulating phase	31	7.1	5.2%
Dc	Durham fine sandy loam, undulating phase	>200	42.1	31.1%
Dd	Durham fine sandy loam, rolling phase	>200	4.6	3.4%
Lh	Louisburg sandy loam, rolling phase	>200	16.0	11.9%
Lm	Louisburg sandy loam, hilly phase	>200	2.9	2.2%
Ln	Louisburg sandy loam, eroded hilly phase	>200	5.9	4.4%
Mn	Mixed alluvial land	31	5.6	4.2%
W	Water	>200	2.1	1.6%
Wk	Worsham sandy loam	15	2.1	1.6%
<b>Totals for Area of Interest</b>			<b>135.3</b>	<b>100.0%</b>

### 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



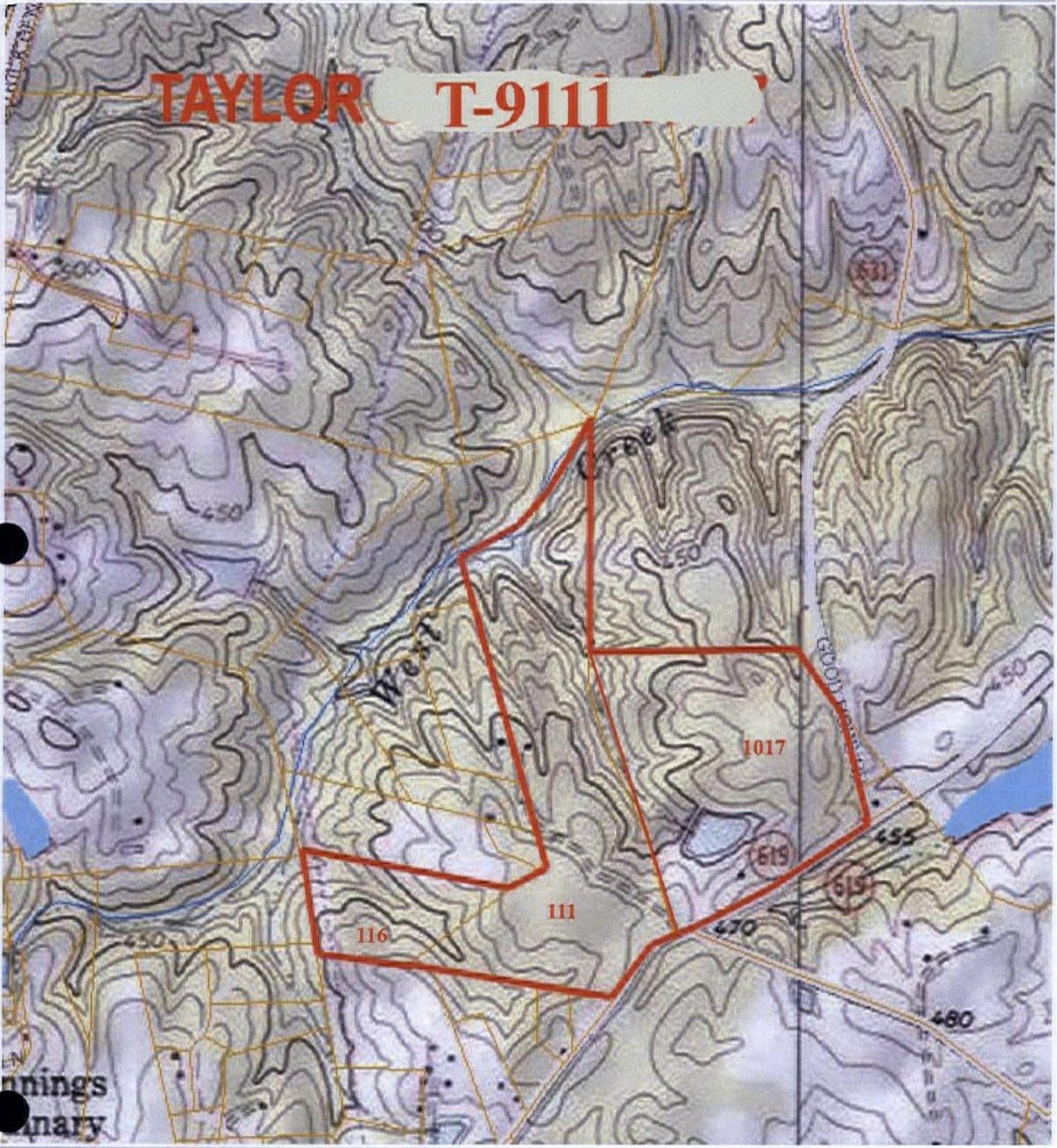
**NOTTOWAY  
COUNTY**

# NutriBlend

BIOSOLIDS LAND APPLICATION



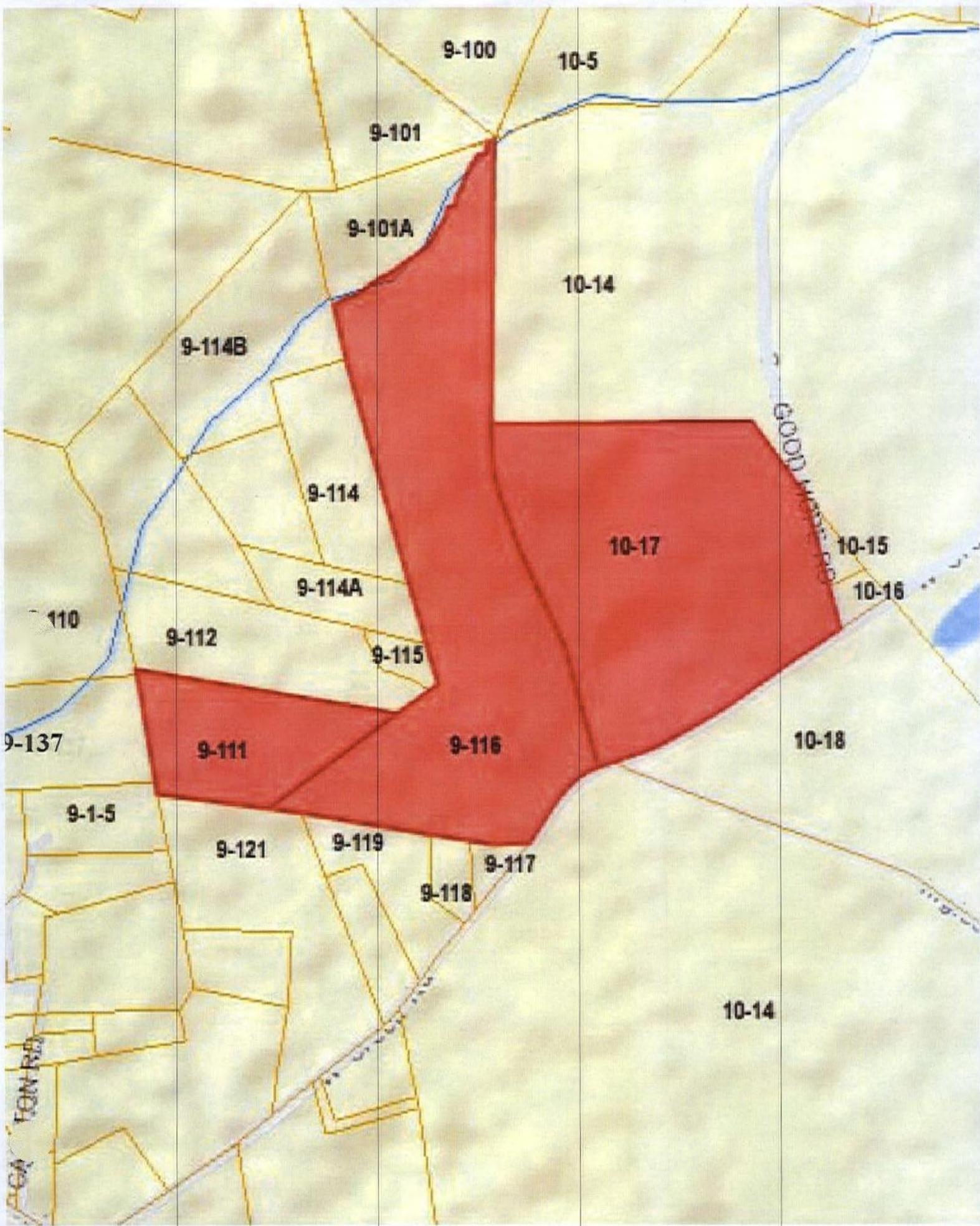
**TAYLOR T-9111**



Scale: 1:18055.954822

Date: 05/21/2015

Printed By:



**TAYLOR FARM**  
**Tract T-9111**  
**Field Data Sheet**

Field	Total	Field Coordinates	
	Acres	Latitude	Longitude
111	14.50	37.229605	-78.13435
116	61.40	37.229711	-78.129745
1017	56.50	37.23285	-78.126931
<b>3</b>	<b>132.40</b>		

watershed code      JA31

Tax ID                9-111,116, 10-17

owner                 Parker Taylor

Site Type            Forested

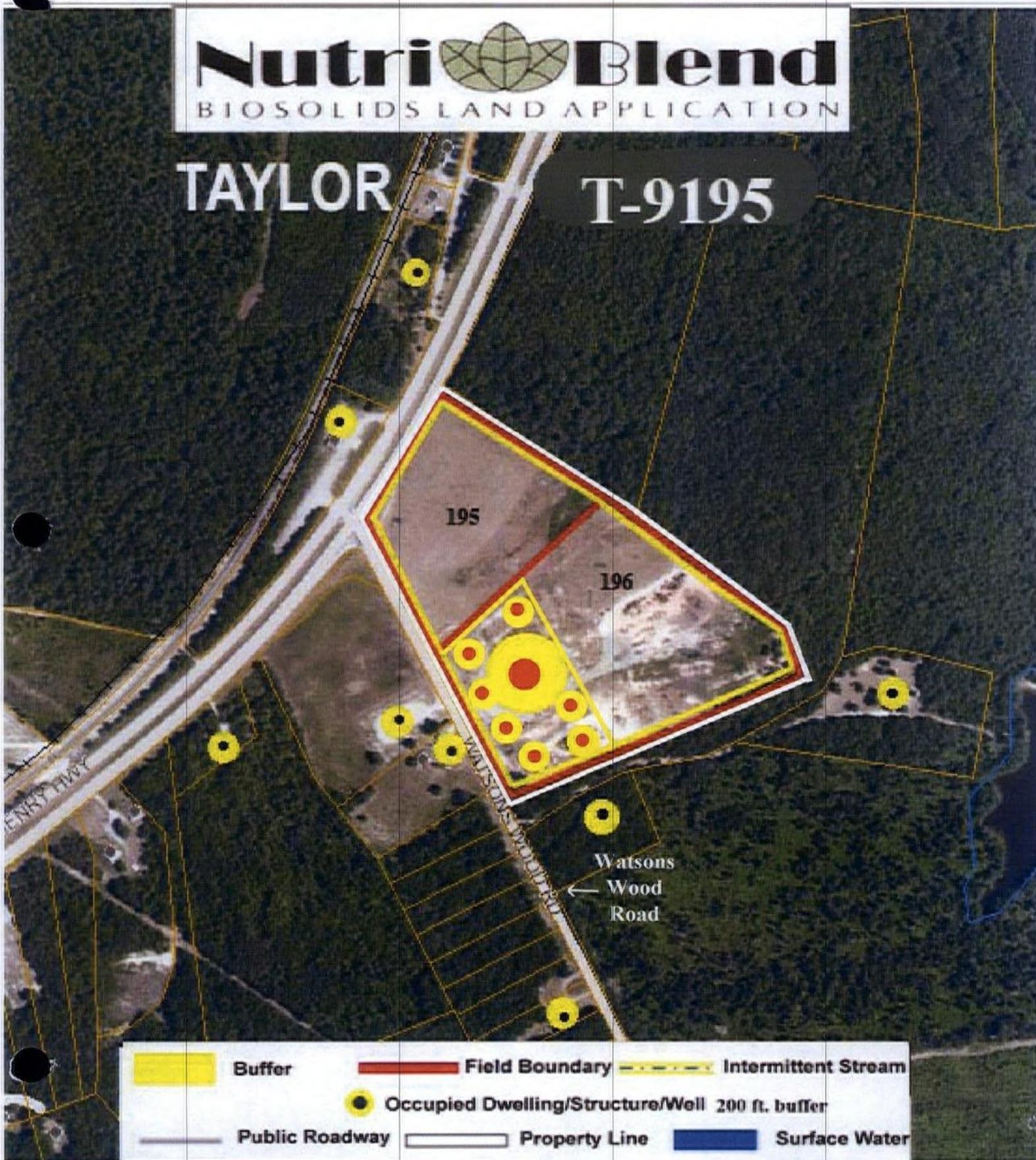
Ag. Practice        See NMP for YearlyCrop Rotation



# NutriBlend

BIOSOLIDS LAND APPLICATION

## TAYLOR T-9195





Scale: 1:9027.977411

Date: 06/11/2015

Printed By:

Under Virginia State Law, these real estate assessment records are public information. Display of this property information on the internet is specifically authorized by the Code of Virginia §58.1-3122.2 (as amended).

# NutriBlend

BIOSOLIDS LAND APPLICATION

TAYLOR

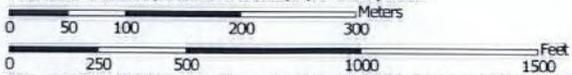
T-9195



Depth to a Selected Soil Restrictive Layer: Paralithic bedrock—Nottoway County, Virginia



Map Scale: 1:6,000 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84

### MAP LEGEND

- Area of Interest (AOI)**
  -  Area of Interest (AOI)
- Soils**
  - Soil Rating Polygons**
    -  0 - 25
    -  25 - 50
    -  50 - 100
    -  100 - 150
    -  150 - 200
    -  > 200
    -  Not rated or not available
  - Soil Rating Lines**
    -  0 - 25
    -  25 - 50
    -  50 - 100
    -  100 - 150
    -  150 - 200
    -  > 200
    -  Not rated or not available
  - Soil Rating Points**
    -  0 - 25
    -  25 - 50
    -  50 - 100
    -  100 - 150
    -  150 - 200
    -  > 200
- Not rated or not available** 
- Water Features**
  -  Streams and Canals
- Transportation**
  -  Rails
  -  Interstate Highways
  -  US Routes
  -  Major Roads
  -  Local Roads
- Background**
  -  Aerial Photography

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

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: <http://websoilsurvey.nrcs.usda.gov>  
 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: Nottoway County, Virginia  
 Survey Area Data: Version 10, Dec 16, 2013

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

Date(s) aerial images were photographed: May 10, 2010—Jul 4, 2010

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 a Selected Soil Restrictive Layer: Paralithic bedrock

Depth to a Selected Soil Restrictive Layer: Paralithic bedrock— Summary by Map Unit — Nottoway County, Virginia (VA135)				
Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
Ac	Appling coarse sandy loam, undulating phase	>200	5.0	20.7%
Ae	Appling coarse sandy loam, rolling phase	>200	0.6	2.4%
Af	Appling coarse sandy loam, eroded rolling phase	>200	1.6	6.6%
Ak	Appling fine sandy loam, rolling phase	>200	0.5	2.1%
Cp	Colfax sandy loam, undulating phase	71	3.3	13.6%
Dc	Durham fine sandy loam, undulating phase	>200	10.6	44.1%
Mn	Mixed alluvial land	>200	0.1	0.6%
Sa	Seneca sandy loam	>200	0.7	3.0%
Wk	Worsham sandy loam	>200	1.4	5.9%
WI	Worsham silt loam	>200	0.2	1.0%
<b>Totals for Area of Interest</b>			<b>24.0</b>	<b>100.0%</b>

### Description

A "restrictive layer" is a nearly continuous layer that has one or more physical, chemical, or thermal properties that significantly impede the movement of water and air through the soil or that restrict roots or otherwise provide an unfavorable root environment. Examples are bedrock, cemented layers, dense layers, and frozen layers.

This theme presents the depth to the user selected type of restrictive layer as described in for each map unit. If no restrictive layer is described in a map unit, it is represented by the "> 200" depth class.

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

*Restriction Kind:* Paralithic bedrock

*Aggregation Method:* Dominant Component

*Component Percent Cutoff:* None Specified

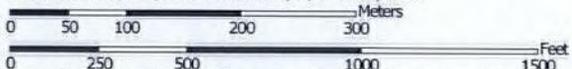
*Tie-break Rule:* Lower

*Interpret Nulls as Zero:* No

Depth to Water Table—Nottoway County, Virginia



Map Scale: 1:6,000 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84

### MAP LEGEND

-  Area of Interest (AOI)
- Soils**
- Soil Rating Polygons**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Soil Rating Lines**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Soil Rating Points**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Water Features**
-  Streams and Canals
- Transportation**
-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads
- Background**
-  Aerial Photography

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

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: <http://websoilsurvey.nrcs.usda.gov>  
 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: Nottoway County, Virginia  
 Survey Area Data: Version 10, Dec 16, 2013

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

Date(s) aerial images were photographed: May 10, 2010—Jul 4, 2010

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

Depth to Water Table— Summary by Map Unit — Nottoway County, Virginia (VA135)				
Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
Ac	Appling coarse sandy loam, undulating phase	>200	4.8	20.4%
Ae	Appling coarse sandy loam, rolling phase	>200	0.6	2.7%
Af	Appling coarse sandy loam, eroded rolling phase	>200	1.6	6.9%
Ak	Appling fine sandy loam, rolling phase	>200	0.5	2.2%
Cp	Coffax sandy loam, undulating phase	31	2.8	11.8%
Dc	Durham fine sandy loam, undulating phase	>200	10.7	45.5%
Mn	Mixed alluvial land	31	0.1	0.5%
Sa	Seneca sandy loam	84	0.7	3.1%
Wk	Worsham sandy loam	15	1.4	6.0%
Wl	Worsham silt loam	15	0.2	0.8%
<b>Totals for Area of Interest</b>			<b>23.6</b>	<b>100.0%</b>

### 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

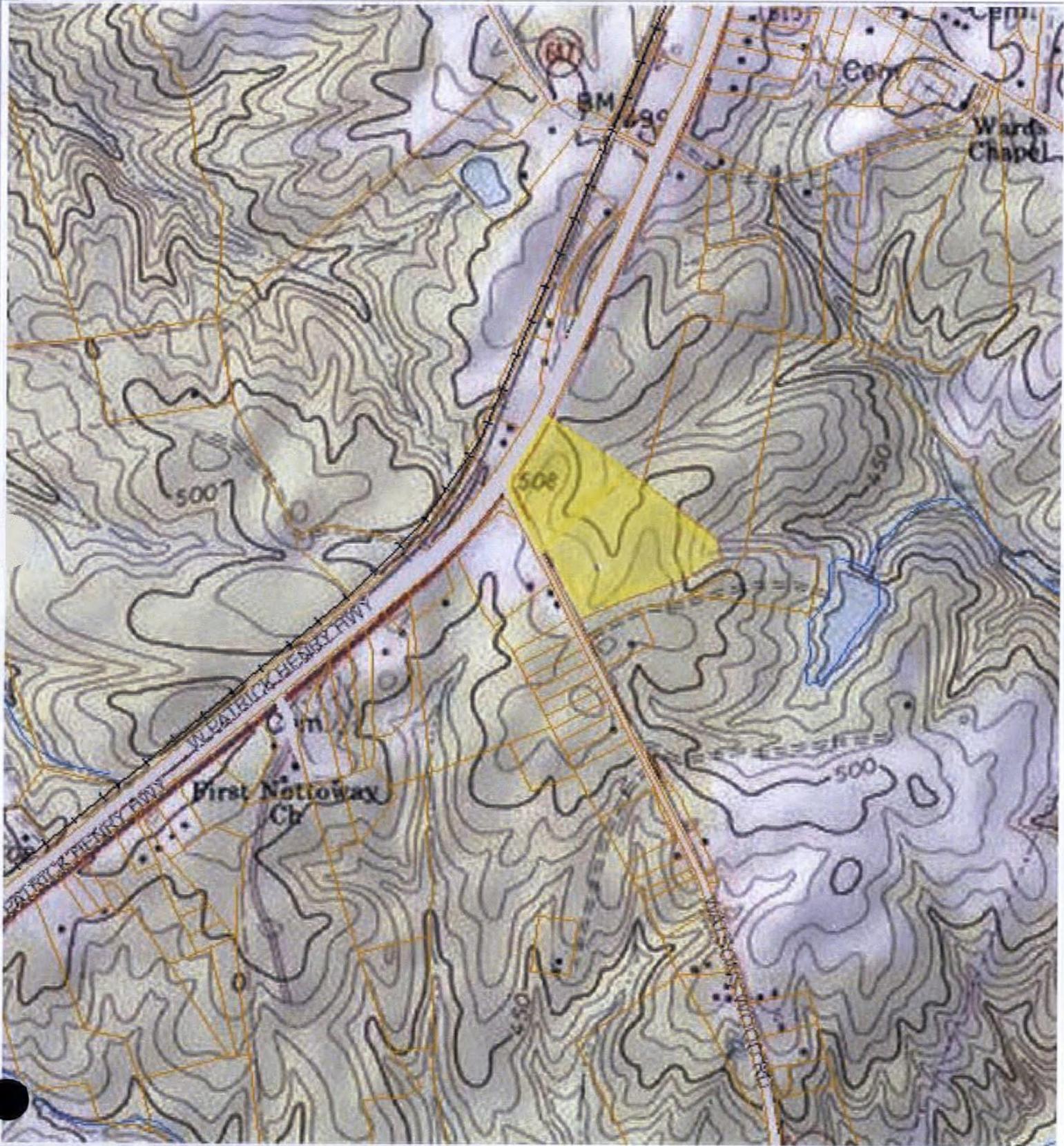
*Beginning Month:* January

*Ending Month:* December



**NOTTOWAY  
COUNTY**

**TAYLOR T-9195**



Scale: 1:18055.954822

Date: 03/07/2015

Printed By:

**TAYLOR Farm**  
**Tract T-9195**  
**Field Data Sheet**

Field	Total	Field Coordinates	
	Acres	Latitude	Longitude
195	8.1	37.215796	-78.149666
196	16.1	37.215068	-78.14819
<b>2</b>	<b>24.2</b>		

**Watershed Code**

**JA29**

**Tax ID**

**9-195,196**

**Owner**

**Parker Taylor**

**Site Type**

**Agricultural**

**Ag. Practice**

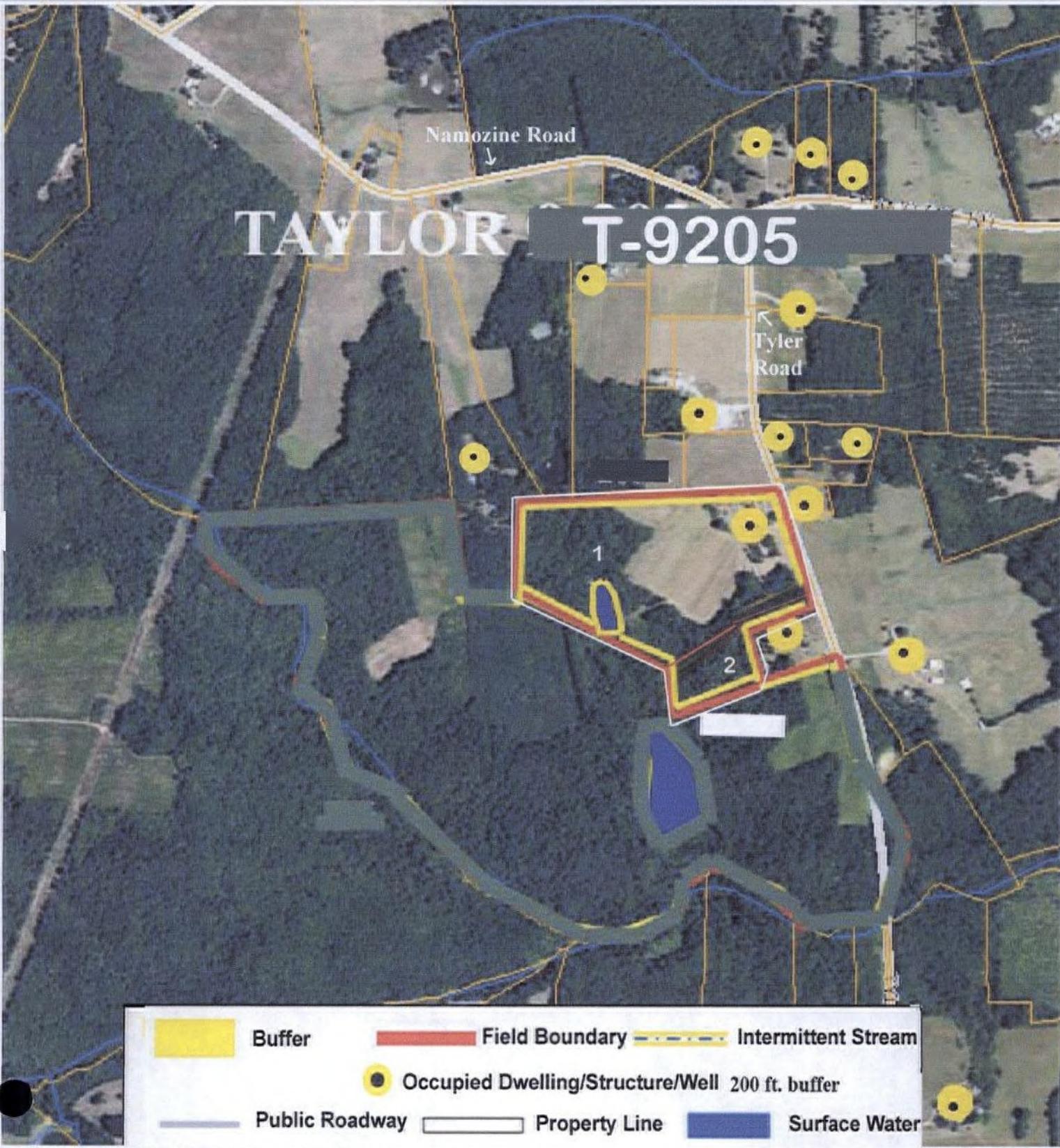
**See NMP for Yearly Crop Rotation**



**NOTTOWAY  
COUNTY**

# NutriBlend

BIOSOLIDS LAND APPLICATION



# NutriBlend

BIOSOLIDS LAND APPLICATION

TAYLOR T-9205



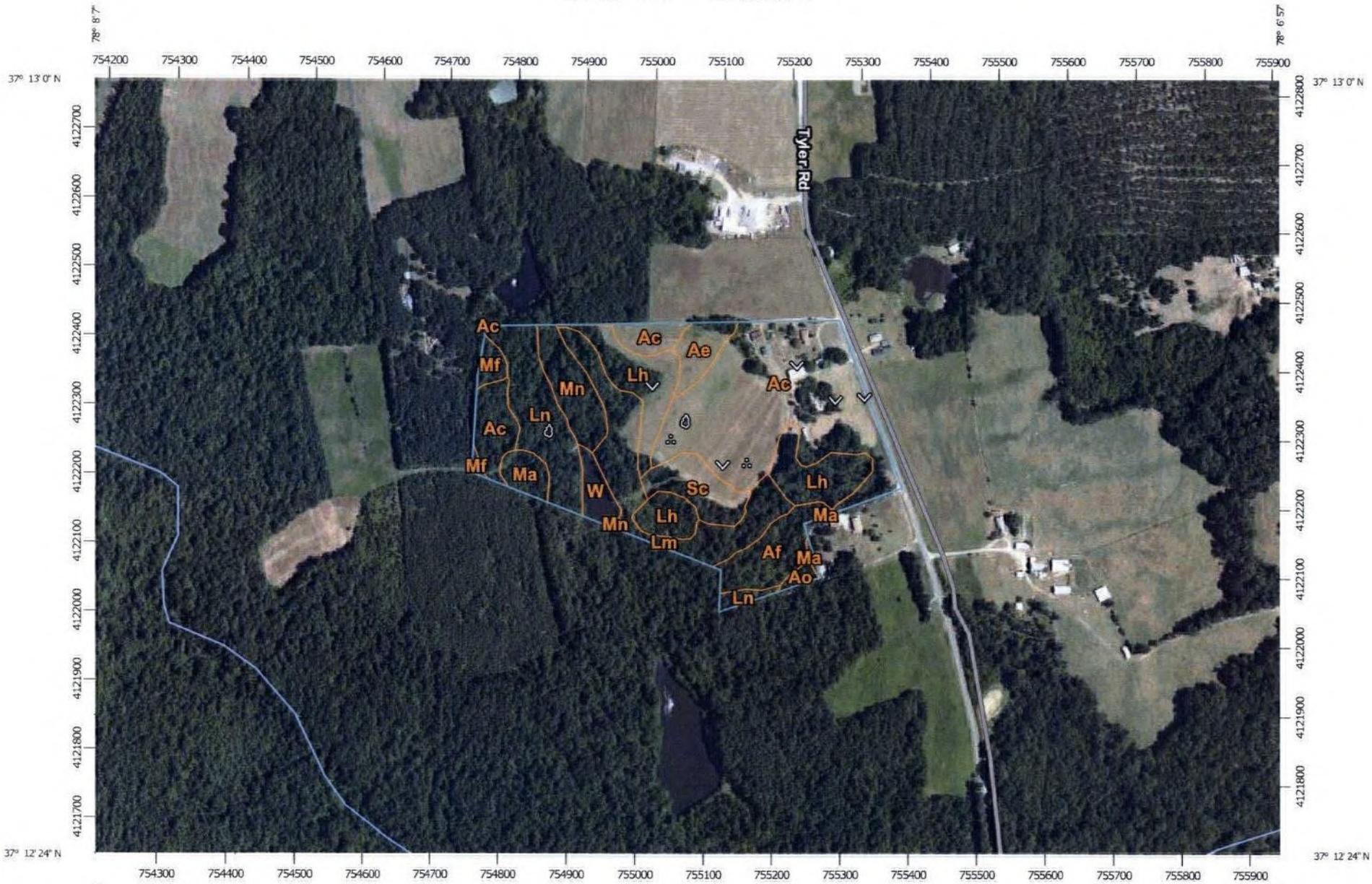
# NutriBlend

BIOSOLIDS LAND APPLICATION

TAYLOR T-9205



Soil Map—Nott county, Virginia



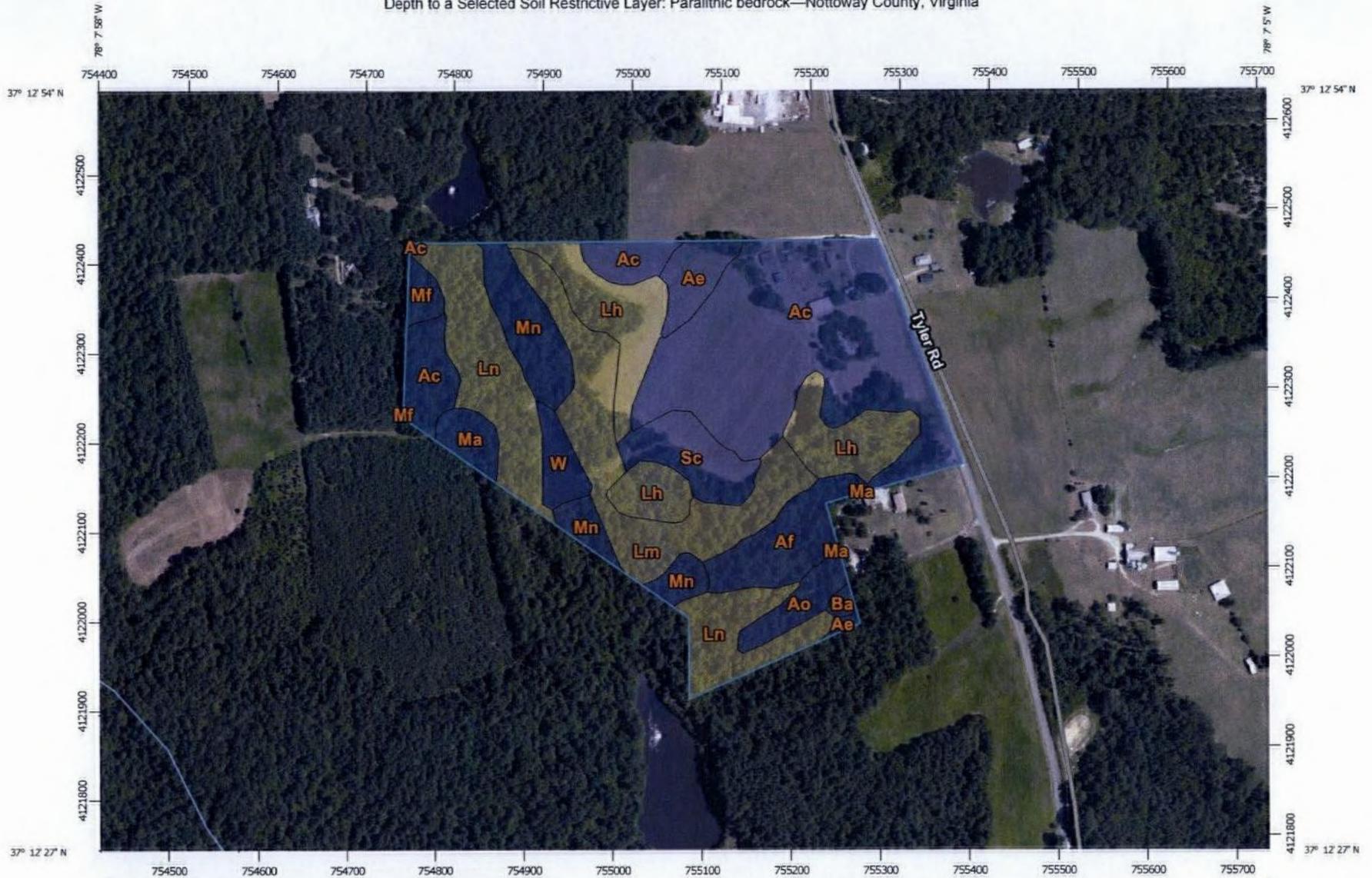
Map Scale: 1:7,920 if printed on A landscape (11" x 8.5") sheet.

0 100 200 400 600 Meters

0 350 700 1400 2100 Feet

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84

Depth to a Selected Soil Restrictive Layer: Paralithic bedrock—Nottoway County, Virginia



Map Scale: 1:6,000 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

10/28/2015  
Page 1 of 4

### MAP LEGEND

-  Area of Interest (AOI)
- Soils**
- Soil Rating Polygons**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Soil Rating Lines**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Soil Rating Points**
-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available
- Water Features**
-  Streams and Canals
- Transportation**
-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads
- Background**
-  Aerial Photography

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

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: <http://websoilsurvey.nrcs.usda.gov>  
 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: Nottoway County, Virginia  
 Survey Area Data: Version 10, Dec 16, 2013

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

Date(s) aerial images were photographed: May 10, 2010—Jul 4, 2010

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 a Selected Soil Restrictive Layer: Paralithic bedrock

<b>Depth to a Selected Soil Restrictive Layer: Paralithic bedrock— Summary by Map Unit — Nottoway County, Virginia (VA135)</b>				
<b>Map unit symbol</b>	<b>Map unit name</b>	<b>Rating (centimeters)</b>	<b>Acres in AOI</b>	<b>Percent of AOI</b>
Ac	Appling coarse sandy loam, undulating phase	>200	16.6	32.8%
Ae	Appling coarse sandy loam, rolling phase	>200	1.4	2.8%
Af	Appling coarse sandy loam, eroded rolling phase	>200	2.7	5.3%
Ao	Augusta loam	>200	1.2	2.4%
Ba	Bremo loam, eroded rolling phase	>200	0.2	0.4%
Lh	Louisburg sandy loam, rolling phase	66	6.6	12.9%
Lm	Louisburg sandy loam, hilly phase	66	6.5	12.7%
Ln	Louisburg sandy loam, eroded hilly phase	66	7.2	14.2%
Ma	Madison clay loam, eroded undulating phase	>200	1.0	1.9%
Mf	Madison sandy loam, undulating phase	>200	0.6	1.1%
Mn	Mixed alluvial land	>200	3.6	7.1%
Sc	Stony land	>200	2.2	4.4%
W	Water	>200	1.0	2.0%
<b>Totals for Area of Interest</b>			<b>50.8</b>	<b>100.0%</b>

## Description

A "restrictive layer" is a nearly continuous layer that has one or more physical, chemical, or thermal properties that significantly impede the movement of water and air through the soil or that restrict roots or otherwise provide an unfavorable root environment. Examples are bedrock, cemented layers, dense layers, and frozen layers.

This theme presents the depth to the user selected type of restrictive layer as described in for each map unit. If no restrictive layer is described in a map unit, it is represented by the "> 200" depth class.

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

*Restriction Kind:* Paralithic bedrock

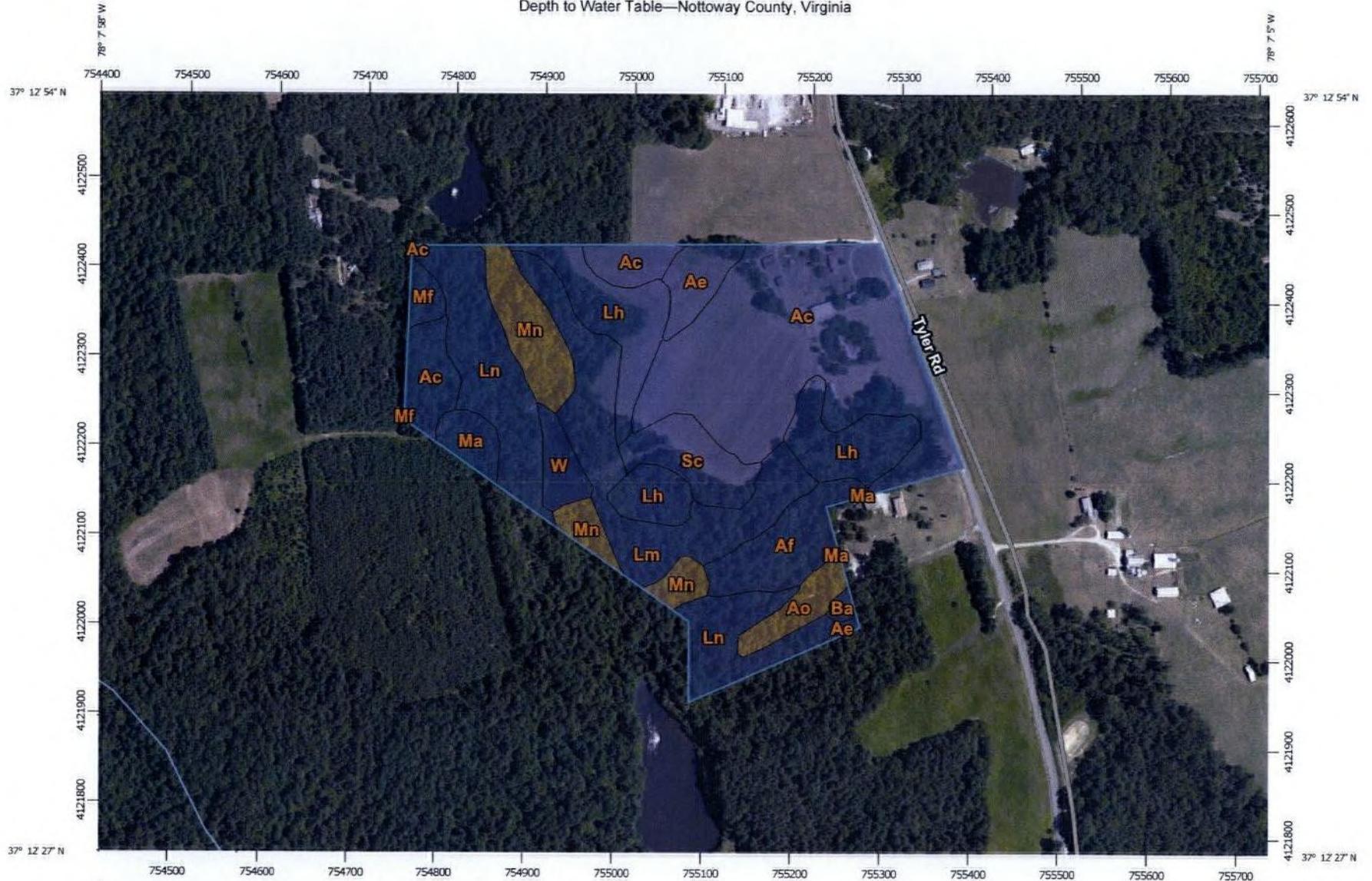
*Aggregation Method:* Dominant Component

*Component Percent Cutoff:* None Specified

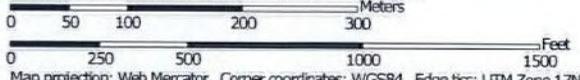
*Tie-break Rule:* Lower

*Interpret Nulls as Zero:* No

Depth to Water Table—Nottoway County, Virginia



Map Scale: 1:6,000 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84

### MAP LEGEND

- Area of Interest (AOI)**
  -  Area of Interest (AOI)
- Soils**
  - Soil Rating Polygons**
    -  0 - 25
    -  25 - 50
    -  50 - 100
    -  100 - 150
    -  150 - 200
    -  > 200
    -  Not rated or not available
  - Soil Rating Lines**
    -  0 - 25
    -  25 - 50
    -  50 - 100
    -  100 - 150
    -  150 - 200
    -  > 200
    -  Not rated or not available
  - Soil Rating Points**
    -  0 - 25
    -  25 - 50
    -  50 - 100
    -  100 - 150
    -  150 - 200
    -  > 200
- Water Features**
  -  Streams and Canals
- Transportation**
  -  Rails
  -  Interstate Highways
  -  US Routes
  -  Major Roads
  -  Local Roads
- Background**
  -  Aerial Photography
-  Not rated or not available

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

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: <http://websoilsurvey.nrcs.usda.gov>  
 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: Nottoway County, Virginia  
 Survey Area Data: Version 10, Dec 16, 2013

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

Date(s) aerial images were photographed: May 10, 2010—Jul 4, 2010

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

Depth to Water Table— Summary by Map Unit — Nottoway County, Virginia (VA135)				
Map unit symbol	Map unit name	Rating (centimeters)	Acres In AOI	Percent of AOI
Ac	Appling coarse sandy loam, undulating phase	>200	16.6	32.8%
Ae	Appling coarse sandy loam, rolling phase	>200	1.4	2.8%
Af	Appling coarse sandy loam, eroded rolling phase	>200	2.7	5.3%
Ao	Augusta loam	46	1.2	2.4%
Ba	Bremo loam, eroded rolling phase	>200	0.2	0.4%
Lh	Louisburg sandy loam, rolling phase	>200	6.6	12.9%
Lm	Louisburg sandy loam, hilly phase	>200	6.5	12.7%
Ln	Louisburg sandy loam, eroded hilly phase	>200	7.2	14.2%
Ma	Madison clay loam, eroded undulating phase	>200	1.0	1.9%
Mf	Madison sandy loam, undulating phase	>200	0.6	1.1%
Mn	Mixed alluvial land	31	3.6	7.1%
Sc	Stony land	>200	2.2	4.4%
W	Water	>200	1.0	2.0%
<b>Totals for Area of Interest</b>			<b>50.8</b>	<b>100.0%</b>

### 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

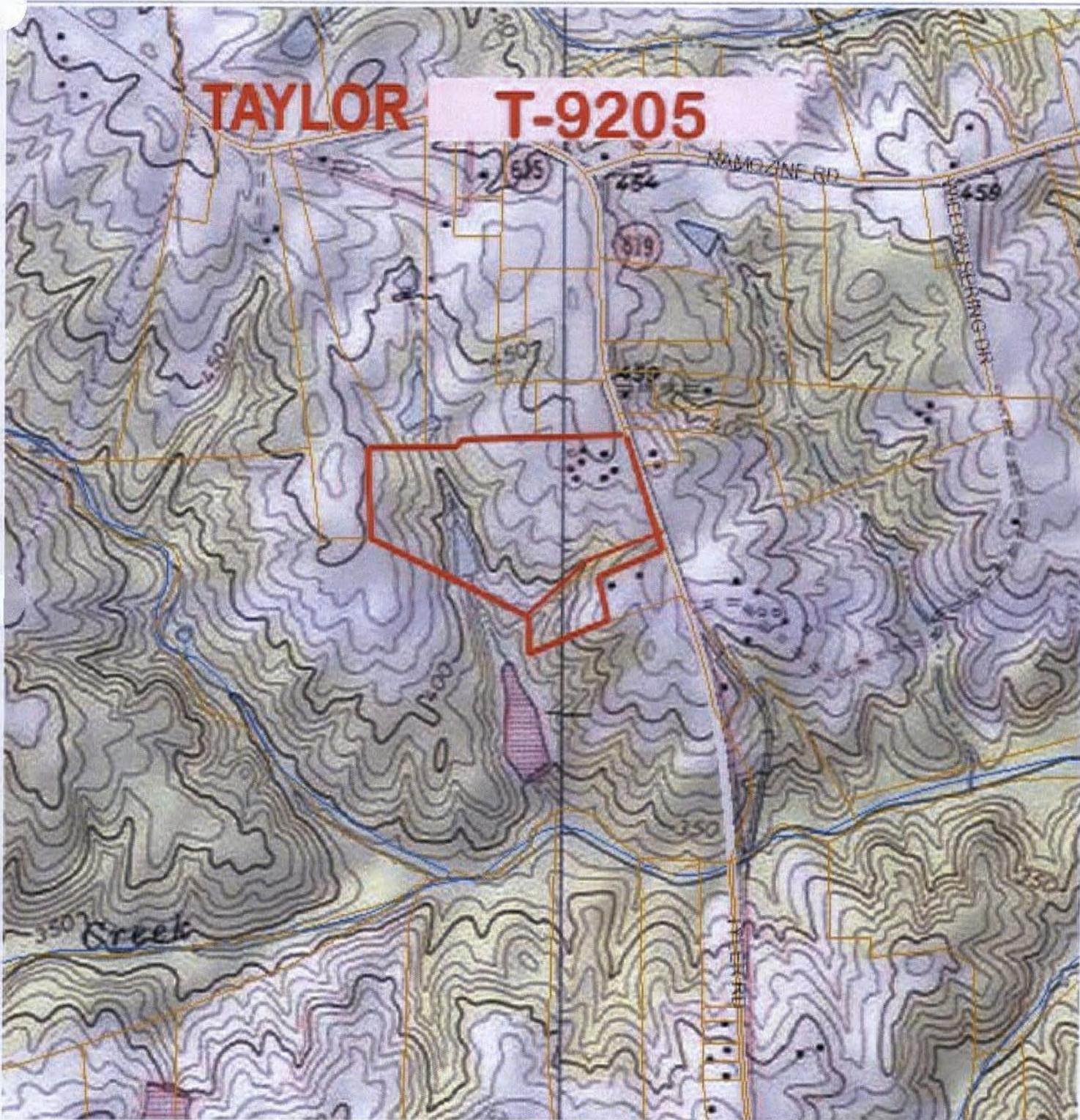
*Ending Month:* December



**NOTTOWAY COUNTY**

# NutriBlend

BIOSOLIDS LAND APPLICATION

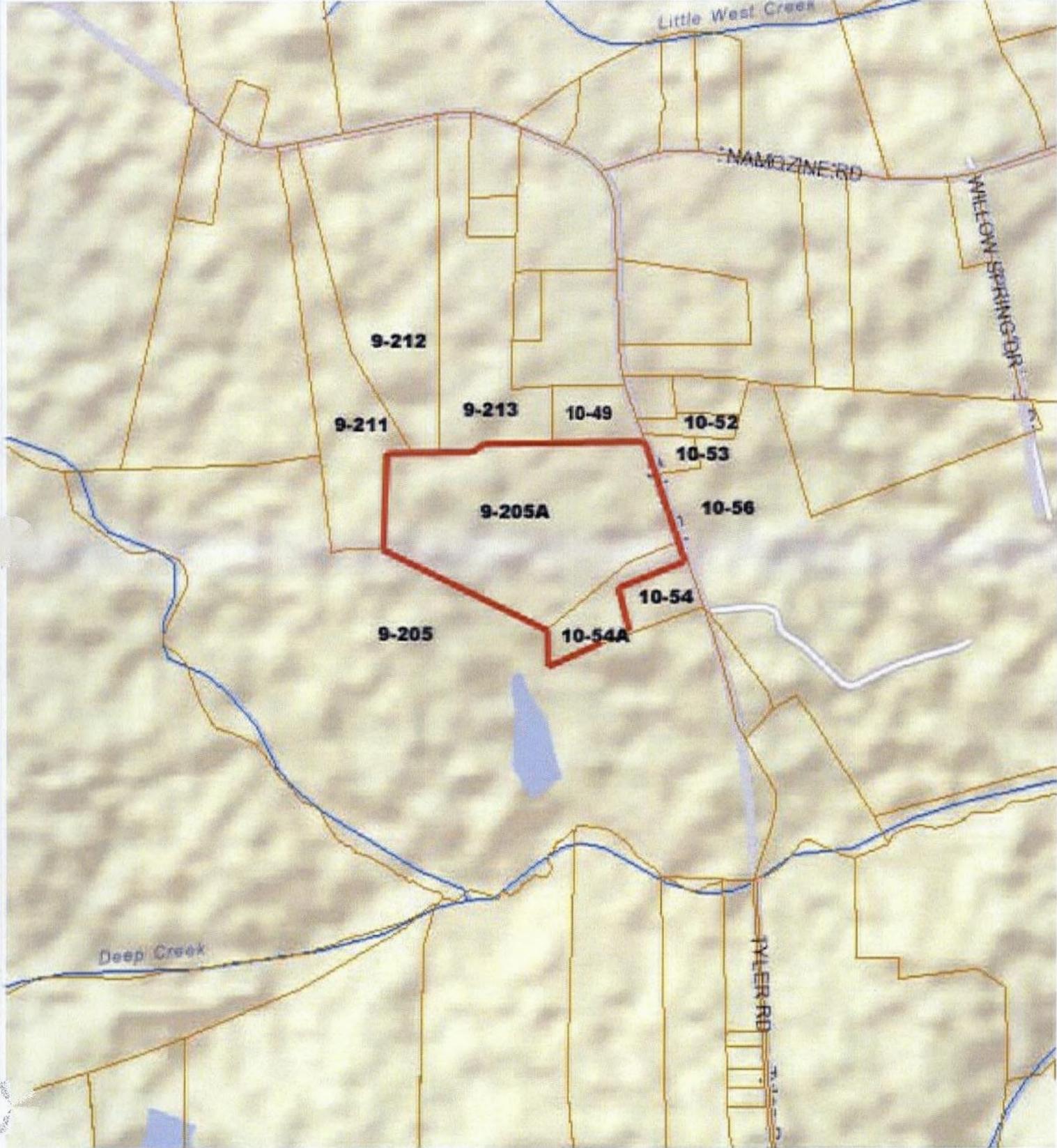


Scale: 1:18055.954822

Date: 05/21/2015

Printed By:

Under Virginia State Law, these real estate assessment records are public information. Display of this property information on the internet is specifically authorized by the Code of Virginia §58.1-3122.2(as amended).



**TAYLOR FARM**  
**Tract T-9205**  
**Field Data Sheet**

Field	Total	Field Coordinates	
	Acres	Latitude	Longitude
1	42.5	37.21212	-78.127597
2	8.3	37.210461	-78.124359
<b>2</b>	<b>50.8</b>		

watershed co      JA29

Tax ID            9-205A, 10-54A

owner            Norman Taylor

Site Type    Field 1 = Forested/Agricultural  
                   Field 2 = Forested

Ag. Practice See NMP for YearlyCrop Rotation