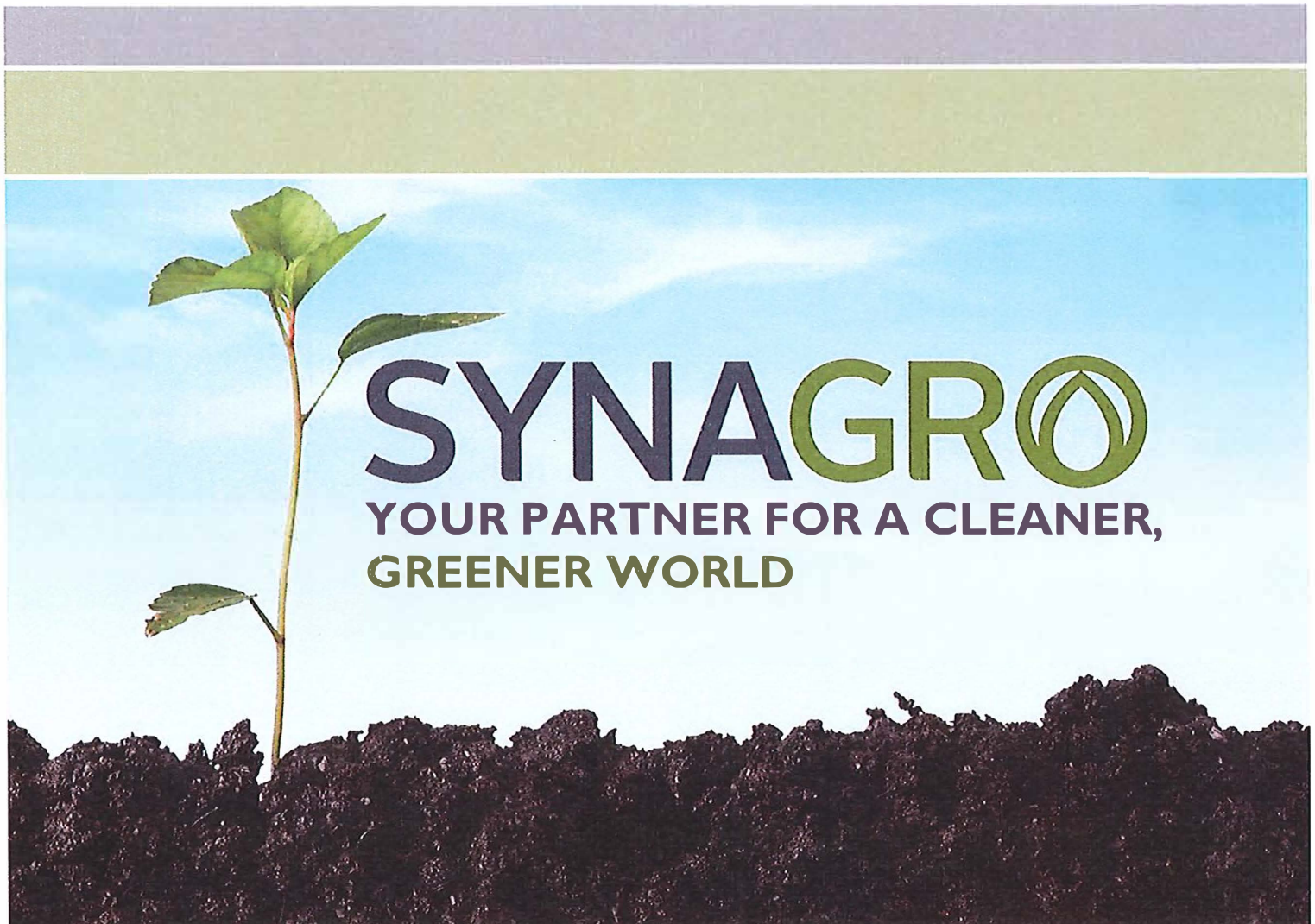


LAND APPLICATION OF BIOSOLIDS  
STEVEN PETER

EX 92 (FIELDS 01-22)  
ESSEX COUNTY, VIRGINIA  
NOVEMBER 02, 2022



NOVEMBER 2, 2022

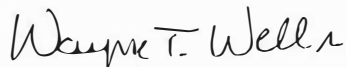
Mr. Neil Zahradka  
Department of Environmental Quality  
Piedmont Regional Office  
4949-A Cox Road  
Glen Allen, VA 23060

Dear Mr. Zahradka,

Transmitted herein for your consideration is land application site for Steve Peter (designated as EX 92, fields 01-22), located in Essex County, Virginia. This submission contains strictly site specific information. Please refer to the operations and maintenance manual submitted under separate cover for all non-site specific information.

Do not hesitate to contact me at (804) 443-2170 should you have any questions or require additional information.

Sincerely,

A handwritten signature in black ink that reads "Wayne T. Webb Jr.".

Wayne T. Webb Jr.

Technical Services Manager

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## FIELD SUMMARY SHEET

Steven Peter

EX 92

SYNAGRO FIELD #	GROSS ACRES	NET ACRES	FSA TRACT #	FIELD TYPE	OWNER
92-01	11.1	11.1		Agriculture	Steven R Peter
92-02	3.6	3.6		Agriculture	Steven R Peter
92-03	416.6	416.6		Silviculture	Steven R Peter
92-04	190.9	190.9		Silviculture	Jean B. Ball Forest Inc
92-05	78.1	78.1		Silviculture	Jean B. Ball Forest Inc
92-06	17.6	17.6		Silviculture	South Paw Forest Products
92-07	190.0	190.0		Silviculture	Steven R Peter
92-08	118.0	118.0		Silviculture	Steven R Peter
92-09	19.3	19.3		Silviculture	Steven R Peter
92-10	40.0	40.0		Silviculture	Steven R Peter
92-11	22.5	22.5		Silviculture	Steven R Peter
92-12	21.9	21.9		Silviculture	Steven R Peter
92-13	29.3	29.3		Silviculture	Steven R Peter
92-14	99.6	99.6		Silviculture	Steven R Peter
92-15	75.5	75.5		Silviculture	Steven R Peter
92-16	10.4	10.4		Silviculture	Steven R Peter
92-17	23.4	23.4		Silviculture	Steven R Peter
92-18	12.6	12.6		Silviculture	Steven R Peter
92-19	94.3	94.3		Silviculture	Steven R Peter
92-20	36.4	36.4		Silviculture	Steven R Peter
92-21	41.0	41.0		Silviculture	Steven R Peter
92-22	93.5	93.5		Silviculture	South Paw Forest Products
<b>TOTALS:</b>	1645.6	1645.6			

7/20/2023

# SYNAGRO

## VIRGINIA REQUEST AND CONSENT FOR BIOSOLIDS

FARM OPERATOR: Steven R. Peters PHONE: (804) 514-4060

ADDRESS: 7034 Hill Meadows Ct, Mechanicsville, VA 23116

FARM LOCATION: \_\_\_\_\_

FSA TRACT #: \_\_\_\_\_

TOTAL ACRES: \_\_\_\_\_ COUNTY: Essex

CROPS: \_\_\_\_\_

1. I agree to be responsible for adhering to the following conditions, where applicable:
  - a. The soil pH will be adjusted  $\geq 6.0$  when biosolids are applied. (This may be accomplished through the application of lime-treated biosolids).
  - b. Do not graze animals on the land for 30 days after the application of biosolids. In addition, animals intended for dairy production should not be allowed to graze on the land or be fed chopped foliage for 60 days after the application of biosolids. Meat-producing livestock should not be fed chopped foliage for 30 days after the application of biosolids.
  - c. Food crops for direct human consumption with harvested parts below the surface of the land shall not be harvested for 14 months after the application of biosolids.
  - d. Food crops for direct human consumption 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  $\geq 4$  months prior to incorporation into the soil or 38 months when the biosolids remain on the land surface  $< 4$  months prior to incorporation.
  - e. Food crops, feed crops and fiber crops shall not be harvested for 30 days after application of biosolids.
  - f. Public access to land with a low potential for public exposure (land the public uses infrequently including but not limited to agricultural land and forests) shall be restricted for 30 days after application of biosolids. Public access to land with a high potential for public exposure (land the public uses frequently including but not limited to a public contact site such as parks, playgrounds and golf courses) shall be restricted for 1 year. No biosolids-amended soil shall be excavated or removed from the site for 30 days following the biosolids application unless adequate provisions are made to prevent public exposure to soils, dusts or aerosols.
  - g. 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 the permitting authority.
  - h. Supplemental commercial fertilizer or manure applications should be coordinated with the biosolids applications such that the total crop needs for nutrients are not exceeded as identified on the nutrient balance sheet or the nutrient management plan approved by the Virginia Department of Conservation and Recreation to be supplied to the farm operator by Synagro at the time of application of biosolids to a specific permitted site.
  - i. Tobacco, because it has been shown to accumulate cadmium, should not be grown for three years following the application of biosolids-borne cadmium equal to or exceeding 0.45 lbs/acre.
2. I understand that this transaction is not contemplated by the parties to be a sale of goods, and that Synagro is willing to provide to me without charge the service of land applying biosolids which have been approved by the appropriate regulatory agencies for land application.
3. I understand that successful crop production depends on many variables, such as weather, soil conditions and specific farming practices and that while Synagro has experience with land application of biosolids, the responsibility for properly accommodating agricultural practices to biosolids utilization are solely mine. I have also read and understand the "Important Information About Using Biosolids as a Fertilizer" which is on the reverse side and incorporated by reference in this Request and Consent.

  
OPERATOR'S SIGNATURE

10/27/2021  
DATE

Synagro \* 10647 Tidewater Trail \* Champlain, VA 22438 \* 804.443.2170

# IMPORTANT INFORMATION ABOUT USING BIOSOLIDS AS A FERTILIZER

## Biosolids Generation

Biosolids are the accumulated, treated solids separated from water during the treatment of wastewater by public and private wastewater treatment plants (Generators). The Generator is responsible for supplying biosolids that are suitable for land application under state and federal regulations.

## Benefits of Biosolids

Biosolids provide nitrogen in a form that can be taken up by plants during their growth cycle. Biosolids also add phosphorus to the soil. If lime is added to biosolids, the biosolids will have the added benefit of a liming agent. Biosolids contain primary, secondary and micronutrients that can be used by plants. Biosolids are primarily an organic material; when added to soil, they improve water and nutrient retention, reduce erosion potential and improve soil structure.

## The Permitting Process

Once the farm operator requests biosolids, a Synagro representative initially evaluates the farm for truck access and field conditions. If the farm is found to be suitable and the Request for Biosolids and the Consent for Biosolids forms are signed, Synagro will collect soil samples and have them analyzed by an independent laboratory.

Synagro will then apply for any federal, state or local permits required for biosolids application. The permits will specifically identify the fields to which biosolids will be applied and will be issued to Synagro or the Generator.

After the permits are obtained (a process that may take several months or more) Synagro will apply biosolids, as they become available, to the fields. Availability of biosolids may vary because of weather conditions, contractual arrangements with biosolids generators and other factors. Although the company cannot guarantee biosolids application because of factors beyond its control, Synagro will use its best efforts to apply biosolids to the permitted fields.

The conditions outlined in the permit will apply to any and all biosolids applications made by Synagro. Synagro will not be responsible for biosolids application made by any other entity.

Periodic visits to the land application site(s) by federal, state and local regulatory staff and Synagro representatives may occur for the purpose of permitting the site, inspecting the site, applying biosolids, obtaining samples at the site and testing. Proper identification will be provided upon request.

## Agronomic Considerations

Tractor-trailer units are used to deliver biosolids to the fields approved for biosolids applications. Soil compaction may occur on the travel areas used by the trucks and in areas where biosolids are unloaded for transfer to the applicator vehicle.

Since some biosolids contain lime, it is important to recognize any increase in soil pH where biosolids have been applied and exercise care in using certain herbicides. If considering the use of a sulfonyleurea herbicide, particular attention should be paid to any label restrictions. High soil pH and dry weather may slow decomposition of these chemicals, resulting in carryover. For soils with low manganese levels, increased soil pH from lime addition (alone or in lime treated biosolids) may reduce manganese availability and thereby potentially reduce crop yields.

In planning a herbicide program, it should be noted that seeds may sometimes survive the biosolids treatment process - for example, tomato seeds. Also, the organic matter additions from biosolids application (organic matter tends to tie up certain herbicides) may require increased herbicide application rates. Consult your extension agent or chemical representative for a specific recommendation.

Biosolids contain salts. Biosolids applications alone rarely cause salt problems. However, if combined with other significant salt-increasing factors, such as drought, excessive soil compaction, saline irrigation water and salt-containing fertilizers, salts may reach levels that could negatively affect germination and growth of some crops.

While odors from biosolids applications are not usually significant, and typically less than that from livestock manure, it is possible that an odor from the decomposition of organic matter may be noticed. If this occurs, it generally disappears in a short time.

Since biosolids provide nitrogen that will be released slowly throughout the growing season with diminishing carry-over in subsequent years, it is important to reduce the use of nitrogen and other fertilizers to appropriate levels.



**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 10/24/22 between South Paw Forest Products Inc referred to here as "Landowner", and Synagro Central, LLC, 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 Essex, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) with county documentation identifying owners, attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
33-2			
28-26A			

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

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

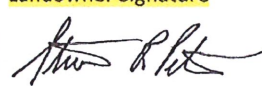
In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

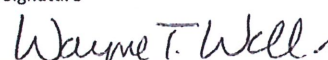
<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
X Yes <input type="checkbox"/> No	X Yes <input type="checkbox"/> No	X Yes <input type="checkbox"/> No	X Yes <input type="checkbox"/> No

<b>Printed name</b> South Paw Forest Products By: Steven R. Peter <b>Title*</b> <u>President</u>	<b>Mailing Address</b> <u>PO Box 117</u> <u>St. Stephens CL, VA 23148</u> <b>Phone No.</b> <u>804-514-4066</u>	<b>Landowner Signature</b> 
<input checked="" type="checkbox"/> I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc. <input checked="" type="checkbox"/> I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.		

**Permittee:**

Synagro Central, LLC, 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.

<b>Printed name</b> Wayne T. Webb Jr. <b>Title</b> Technical Services Manager	<b>Mailing Address:</b> 1681 Tappahannock Blvd, Tappahannock, VA 22560 <b>Phone No.</b> 443-2170	<b>Permittee- Authorized Representative Signature</b> 
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**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT**

Permittee: SYNAGRO CENTRAL LLC County or City: Essex

Landowner: South Paw Forest Products Inc

***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).

  
Landowner's Signature

10/24/22  
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 11-2-22 between Jean B Ball Forest LLC referred to here as "Landowner", and Synagro Central, LLC, 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 Essex County, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) with county documentation identifying owners, attached as Exhibit A.

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

<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>
42-14			

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

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

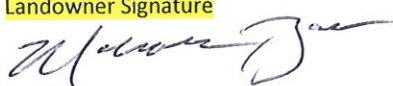
In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

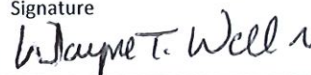
<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
X Yes <input type="checkbox"/> No	X Yes <input type="checkbox"/> No	X Yes <input type="checkbox"/> No	X Yes <input type="checkbox"/> No

Printed name: Jean B Ball Forest LLC	Mailing Address: <u>Tappahannock, VA 22560</u>	Landowner Signature 
By: <u>Malcolm Ball</u>	<u>19457 Tidewater Trl.</u>	
Title: <u>Co-manager</u>	Phone No. <u>(804) 443-4014</u>	
<input type="checkbox"/> I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc. <input checked="" type="checkbox"/> I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.		

**Permittee:**

Synagro Central, LLC, 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.

Printed name Wayne T. Webb Jr.	Mailing Address 1681 Tappahannock Blvd. Tappahannock, VA 22560	Permittee- Authorized Representative Signature 
Title: Technical Services Manager	Phone No. 804-443-2170	



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

Permittee: Synagro Central, LLCCounty or City: EssexLandowner: Jean B Ball Forest LLC**Landowner Site Management Requirements:**

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

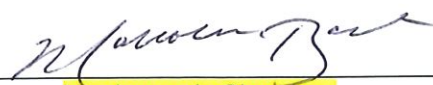
I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

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

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).

  
 Landowner's Signature

 11/2/22  
 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 3/11/22 between Steven R. Peter referred to here as "Landowner", and Synagro Central, LLC, 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 ESSEX, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) with county documentation identifying owners, attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
33-29A	33-53	28-24	33-37
33-50	33-19	28-26	33-39
33-31	33-48	33-38	33-41

☐ 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  
X Yes ☐ No

Water treatment residuals  
X Yes ☐ No

Food processing waste  
X Yes ☐ No

Other industrial sludges  
X Yes ☐ No

Printed name Steven R. Peter By: <u>[Signature]</u> Title: <u>Owner</u>	Mailing Address <u>7034 H.H. Meadows Ct.</u> <u>Mechanicsville, VA 23116</u> Phone No. <u>804-514-4060</u>	Landowner Signature <u>[Signature]</u>
<input type="checkbox"/> I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc. <input type="checkbox"/> I certify that I am a responsible official (or officer) authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.		

#### Permittee:

Synagro Central, LLC 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 101-1-10-1.

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

Printed name Hunter Davis.	Mailing Address: 1681 Tappahannock Blvd, Tappahannock, VA 22560	Permittee - Authorized Representative Signature <u>[Signature]</u>
Title Technical Services Specialist	Phone No. 443-2170	



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

Permittee: SYNAGRO CENTRAL LLC County or City: ESSEX

Landowner: Steven R. Peter

***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).

  
Landowner's Signature

3/11/22  
Date

### Supplement A: Additional Land Application Sites

[illegible]

Steven R. Peter      *Steven R. Peter*      7034 Hill Meadows Ct. Mechanicsville  
Landowner – Printed Name      Signature      Mailing Address      VA 23116

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

## Landowner Coordination Form

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

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

Permittee: Synagro Central, LLC County or City: Essex (EX 92)

Please Print

(Signatures not required on this page)

<u>Tax Parcel ID(s)</u>	<u>Landowner(s)</u>
42-14	JEAN B BALL FOREST LLC
28-26-A	SOUTH PAW FOREST PRODUCTS INC
33-2	SOUTH PAW FOREST PRODUCTS INC
28-24	STEVEN R PETER
28-26	STEVEN R PETER
33-19	STEVEN R PETER
33-29-A	STEVEN R PETER
33-31	STEVEN R PETER
33-34	STEVEN R PETER
33-37	STEVEN R PETER
33-38	STEVEN R PETER
33-38-A	STEVEN R PETER
33-39	STEVEN R PETER
33-41	STEVEN R PETER
33-50	STEVEN R PETER
33-53	STEVEN R PETER
41-4	STEVEN R PETER
42-15	STEVEN R PETER
33-48	STEVEN R PETER

0 BEULAH CHURCH RD

Location 0 BEULAH CHURCH RD

Mblu 42/ / 14/ /

Acct# 3777

Owner JEAN B BALL FOREST LLC

Clean & Green Total \$251,900

Class Agrigultural - 100+ Ac

Appraisal \$587,400

PID 2923

Building Count 1

Current Value

Appraisal					
Valuation Year		Improvements		Land	Total
2021		\$0		\$587,400	\$587,400
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$0	\$587,400	\$587,400	\$251,900	\$251,900

Owner of Record

Owner JEAN B BALL FOREST LLC  
Co-Owner  
Address 19957 TIDEWATER TRL  
TAPPAHANNOCK, VA 22560

Sale Price \$0  
Certificate 2022  
Book & Page /  
Sale Date 04/26/2022  
Instrument 01

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
JEAN B BALL FOREST LLC	\$0	2022	/	01	04/26/2022
TEMPLE ELLEN C ET AL TRUSTEES	\$0	09	0/0	00	12/29/2009

Building Information

Building 1 : Section 1

Year Built:  
Living Area: 1,188  
Replacement Cost: \$0



0 BLOOMSBURY LANE

Location	0 BLOOMSBURY LANE	Mblu	28/ / 26/ A/
Acct#	86659	Owner	SOUTH PAW FOREST PRODUCTS INC
Clean & Green Total	\$77,400	Class	Agrigultural - 100+ Ac
Appraisal	\$151,092	PID	9278
Building Count	1		

Current Value

Appraisal					
Valuation Year		Improvements		Land	Total
2021		\$4,000		\$147,092	\$151,092
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$4,000	\$147,092	\$151,092	\$73,400	\$77,400

Owner of Record

Owner	SOUTH PAW FOREST PRODUCTS INC	Sale Price	\$225,000
Co-Owner		Certificate	2022
Address	P.O. BOX 117	Book & Page	/
	ST STEPHENS CHURCH, VA 23184	Sale Date	08/31/2022
		Instrument	01

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
SOUTH PAW FOREST PRODUCTS INC	\$225,000	2022	/	01	08/31/2022
BRANDT JASON DENNIS	\$164,365		311/396	00	07/29/2005

Building Information

Building 1 : Section 1

Year Built:	
Living Area:	1,144

# 0 BLOOMSBURY LANE RT 626

Location 0 BLOOMSBURY LANE RT 626

Mblu 33 / 2 / 1

Acct# 3087

Owner SOUTH PAW FOREST  
PRODUCTS INC

Class Sngl Fam Res - Suburban

Assessment \$43,800

Appraisal \$43,750

PID 2203

Building Count 1

## Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2021	\$0	\$43,750	\$43,750
Assessment			
Valuation Year	Improvements	Land	Total
2021	\$0	\$43,800	\$43,800

## Owner of Record

Owner SOUTH PAW FOREST PRODUCTS INC  
Co-Owner  
Address 8119 STONY RIVER PLACE  
MECHANICSVILLE, VA 23111

Sale Price \$36,750  
Certificate 13  
Book & Page 155/235  
Sale Date 11/20/2013  
Instrument 00

## Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
SOUTH PAW FOREST PRODUCTS INC	\$36,750	13	155/235	00	11/20/2013

## Building Information

### Building 1 : Section 1

Year Built:  
Living Area: 1,084  
Replacement Cost: \$0  
Building Percent Good:

### Building Photo

 Building Photo

(<https://images.vgsi.com/photos/EssexVAPhotos/default.jpg>)

0 BLOOMSBURY LANE RT 626

Location

0 BLOOMSBURY LANE RT 626

Mblu

28 / 24 / 1

Acct#

2424

Owner

PETER STEVEN R

Clean & Green Total

\$147,900

Class

Agrigultural - 100+ Ac

Appraisal

\$294,400

PID

1502

Building Count

1

Current Value

Appraisal					
Valuation Year		Improvements		Land	Total
2021		\$0		\$294,400	\$294,400
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$0	\$294,400	\$294,400	\$147,900	\$147,900

Owner of Record

Owner

PETER STEVEN R

Co-Owner

Address

8119 STONY RIVER PLACE  
MECHANICSVILLE, VA 23111

Sale Price

\$0

Certificate

Book & Page

297/39

Sale Date

08/06/2004

Instrument

00

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
PETER STEVEN R	\$0		297/39	00	08/06/2004

Building Information

Building 1 : Section 1

Year Built:

Living Area:

0

Replacement Cost:

\$0

Building Percent Good:

Building Photo

 Building Photo

(<https://images.vgsi.com/photos/EssexVAPhotos//default.jpg>)

## 0 BLOOMSBURY LANE RT 626

Location 0 BLOOMSBURY LANE RT 626

Mblu 28 / 26 / 1

Acct# 2425

Owner PETER STEVEN R

Clean & Green Total \$43,600

Class Agricultural- 20-100 Ac

Appraisal \$87,308

PID 1503

Building Count 1

### Current Value

Appraisal					
Valuation Year	Improvements		Land	Total	
2021	\$0		\$87,308	\$87,308	
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$0	\$87,308	\$87,308	\$43,600	\$43,600

### Owner of Record

Owner PETER STEVEN R

Sale Price \$0

Co-Owner

Certificate

Address 8119 STONY RIVER PL  
MECHANICSVILLE, VA 23111

Book & Page 297/39

Sale Date 08/06/2004

Instrument 00

### Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
PETER STEVEN R	\$0		297/39	00	08/06/2004

### Building Information

#### Building 1 : Section 1

Year Built:

Living Area: 0

Replacement Cost: \$0

Building Percent Good:

### Building Photo

 Building Photo

(<https://images.vgsi.com/photos/EssexVAPhotos/default.jpg>)



0 BEULAH CHURCH RD RT 623

Location 0 BEULAH CHURCH RD RT 623

Mblu 33 / 19 /

Acct# 2428

Owner PETER STEVEN R

Clean & Green Total \$47,200

Class Agricultural- 20-100 Ac

Appraisal \$94,625

PID 1506

Building Count 1

Current Value

Appraisal					
Valuation Year		Improvements		Land	Total
2021		\$0		\$94,625	\$94,625
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$0	\$94,625	\$94,625	\$47,200	\$47,200

Owner of Record

Owner PETER STEVEN R  
Co-Owner  
Address 8119 STONY RIVER PLACE  
MECHANICSVILLE, VA 23111

Sale Price \$0  
Certificate 15  
Book & Page 301/450  
Sale Date 06/29/2015  
Instrument 12

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
PETER STEVEN R	\$0	15	301/450	12	06/29/2015

Building Information

Building 1 : Section 1

Year Built:  
Living Area: 0  
Replacement Cost: \$0  
Building Percent Good:

Building Photo

 Building Photo  
(<https://images.vgsi.com/photos/EssexVAPhotos/default.jpg>)

0 BEULAH CHURCH RD RT 623

Location

0 BEULAH CHURCH RD RT 623

Mblu

33/ / 29/ A/

Acct#

2969

Owner

PETER STEVEN R

Clean & Green Total

\$61,900

Class

Agrigultural - 100+ Ac

Appraisal

\$124,596

PID

2082

Building Count

1

Current Value

Appraisal					
Valuation Year		Improvements		Land	Total
2021		\$0		\$124,596	\$124,596
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$0	\$124,596	\$124,596	\$61,900	\$61,900

Owner of Record

Owner

PETER STEVEN R

Co-Owner

Address

8119 STONY RIVER PLACE  
MECHANICSVILLE, VA 23111

Sale Price

\$112,580

Certificate

17

Book & Page

206/641

Sale Date

04/24/2017

Instrument

00

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
PETER STEVEN R	\$112,580	17	206/641	00	04/24/2017

Building Information

Building 1 : Section 1

Year Built:

Living Area:

0

Replacement Cost:

\$0

Building Percent Good:

Building Photo

 Building Photo

(<https://images.vgsi.com/photos/EssexVAPhotos//default.jpg>)

0 BEULAH CHURCH RD RT 623

Location

0 BEULAH CHURCH RD RT 623

Mblu

33 / 31 /

Acct#

3926

Owner

PETER STEVEN R

Clean & Green Total

\$70,300

Class

Agrigultural - 100+ Ac

Appraisal

\$140,792

PID

3082

Building Count

1

Current Value

Appraisal					
Valuation Year		Improvements		Land	Total
2021		\$0		\$140,792	\$140,792
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$0	\$140,792	\$140,792	\$70,300	\$70,300

Owner of Record

Owner

PETER STEVEN R

Co-Owner

Address

8119 STONY RIVER PLACE  
MECHANICSVILLE, VA 23111

Sale Price

\$235,000

Certificate

15

Book & Page

216/923

Sale Date

05/15/2015

Instrument

12

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
PETER STEVEN R	\$235,000	15	216/923	12	05/15/2015

Building Information

Building 1 : Section 1

Year Built:

Living Area:

0

Replacement Cost:

\$0

Building Percent Good:

Building Photo

 Building Photo

(<https://images.vgsi.com/photos/EssexVAPhotos//default.jpg>)

0 BEULAH CHURCH RD

Location 0 BEULAH CHURCH RD

Mblu 33/ / 34/ /

Acct# 2014

Owner PETER STEVEN R

Clean & Green Total \$14,300

Class Agricultural- 20-100 Ac

Appraisal \$35,625

PID 1072

Building Count 1

Current Value

Appraisal					
Valuation Year		Improvements		Land	Total
2021		\$0		\$35,625	\$35,625
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$0	\$35,625	\$35,625	\$14,300	\$14,300

Owner of Record

Owner PETER STEVEN R  
Co-Owner  
Address 8119 STONY RIVER PLACE  
MECHANICSVILLE, VA 23111

Sale Price \$0  
Certificate 2021  
Book & Page /  
Sale Date 02/11/2021  
Instrument 01

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
PETER STEVEN R	\$0	2021	/	01	02/11/2021
BALL ANNE GRIGGS ESTATE	\$0		95/179	00	04/22/2020

Building Information

Building 1 : Section 1

Year Built:  
Living Area: 1,512  
Replacement Cost: \$0



## 0 OFF 623

Location 0 OFF 623

Mblu 33/ / 37/ /

Acct# 2025

Owner PETER STEVEN R

Clean & Green Total \$18,600

Class Agricultural- 20-100 Ac

Appraisal \$46,500

PID 1063

Building Count 1

### Current Value

Appraisal					
Valuation Year		Improvements		Land	Total
2021		\$0		\$46,500	\$46,500
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$0	\$46,500	\$46,500	\$18,600	\$18,600

### Owner of Record

Owner PETER STEVEN R

Co-Owner

Address 8119 STONY RIVER PLACE  
MECHANICSVILLE, VA 23111

Sale Price \$0

Certificate 2021

Book & Page /

Sale Date 02/11/2021

Instrument 01

### Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
PETER STEVEN R	\$0	2021	/	01	02/11/2021
BALL ROBERT HARDING	\$0	10	117/75	00	12/02/2010

### Building Information

Building 1 : Section 1

Year Built:

Living Area: 1,568

Replacement Cost: \$0

0 OFF 623

Location

0 OFF 623

Mblu

33 / 38 /

Acct#

2045

Owner

PETER STEVEN R

Class

Sngl Fam Res - Suburban

Assessment

\$34,000

Appraisal

\$34,000

PID

1105

Building Count

1

Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2021	\$0	\$34,000	\$34,000
Assessment			
Valuation Year	Improvements	Land	Total
2021	\$0	\$34,000	\$34,000

Owner of Record

Owner

PETER STEVEN R

Co-Owner

Address

8119 STONY RIVER PLACE  
MECHANICSVILLE, VA 23111

Sale Price

\$0

Certificate

2021

Book & Page

/

Sale Date

02/11/2021

Instrument

01

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
PETER STEVEN R	\$0	2021	/	01	02/11/2021
BALL ROBERT HARDING	\$0	09	168/69	00	10/20/2009

Building Information

Building 1 : Section 1

Year Built:

Living Area:

0

Replacement Cost:

\$0

0 OFF 623

Location

0 OFF 623

Mblu

33/ / 38/ A/

Acct#

2019

Owner

PETER STEVEN R

Class

Sngl Fam Res - Suburban

Assessment

\$17,500

Appraisal

\$17,500

PID

1077

Building Count

1

Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2021	\$0	\$17,500	\$17,500

Assessment			
Valuation Year	Improvements	Land	Total
2021	\$0	\$17,500	\$17,500

Owner of Record

Owner

PETER STEVEN R

Co-Owner

Address

8119 STONY RIVER PLACE  
MECHANICSVILLE, VA 23111

Sale Price

\$0

Certificate

2021

Book & Page

/

Sale Date

02/11/2021

Instrument

01

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
PETER STEVEN R	\$0	2021	/	01	02/11/2021
BALL LEWIS H	\$0	2020	/	00	10/02/2020
BALL J H ET UX	\$0		94/159	00	04/22/2020

Building Information

Building 1 : Section 1

Year Built:

Living Area:

0



0 OFF 623

Location

0 OFF 623

Mblu

33 / 39 /

Acct#

2939

Owner

PETER STEVEN R

Class

Sngl Fam Res - Suburban

Assessment

\$32,000

Appraisal

\$32,000

PID

2049

Building Count

1

Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2021	\$0	\$32,000	\$32,000
Assessment			
Valuation Year	Improvements	Land	Total
2021	\$0	\$32,000	\$32,000

Owner of Record

Owner

PETER STEVEN R

Co-Owner

Address

8119 STONY RIVER PLACE  
MECHANICSVILLE, VA 23111

Sale Price

\$0

Certificate

2021

Book & Page

/

Sale Date

02/11/2021

Instrument

01

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
PETER STEVEN R	\$0	2021	/	01	02/11/2021
BALL ROBERT HARDING	\$0	13	223/148	00	12/02/2010

Building Information

Building 1 : Section 1

Year Built:

Living Area:

1,352

Replacement Cost:

\$0

## 0 OFF 623

**Location** 0 OFF 623

**Mblu** 33 / 41 / /

**Acct#** 2028

**Owner** PETER STEVEN R

**Clean & Green Total** \$18,300

**Class** Agricultural- 20-100 Ac

**Appraisal** \$45,750

**PID** 1086

**Building Count** 1

### Current Value

Appraisal					
Valuation Year		Improvements		Land	Total
2021		\$0		\$45,750	\$45,750
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$0	\$45,750	\$45,750	\$18,300	\$18,300

### Owner of Record

**Owner** PETER STEVEN R

**Sale Price** \$50,111

**Co-Owner**

**Certificate** 2021

**Address** 8119 STONY RIVER PLACE  
MECHANICSVILLE, VA 23111

**Book & Page** /

**Sale Date** 02/11/2021

**Instrument** 01

### Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
PETER STEVEN R	\$50,111	2021	/	01	02/11/2021
BALL CAROL BRAGUNIER LIFE ESTATE	\$0	13	144/275	00	04/16/2013

### Building Information

#### Building 1 : Section 1

**Year Built:**

**Living Area:** 0

**Replacement Cost:** \$0

## 0 BEULAH CHURCH RD RT 623

**Location** 0 BEULAH CHURCH RD RT 623

**Mblu** 33 / 50 / 1

**Acct#** 3664

**Owner** PETER STEVEN R

**Clean & Green Total** \$6,000

**Class** Sngl Fam Res - Suburban

**Appraisal** \$30,000

**PID** 2811

**Building Count** 1

### Current Value

Appraisal					
Valuation Year		Improvements		Land	Total
2021		\$0		\$30,000	\$30,000
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$0	\$30,000	\$30,000	\$6,000	\$6,000

### Owner of Record

**Owner** PETER STEVEN R

**Co-Owner**

**Address** 8119 STONY RIVER PLACE  
MECHANICSVILLE, VA 23111

**Sale Price** \$0

**Certificate** 11

**Book & Page** 0/0

**Sale Date** 11/02/2011

**Instrument** 00

### Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
PETER STEVEN R	\$0	11	0/0	00	11/02/2011

### Building Information

#### Building 1 : Section 1

**Year Built:**

**Living Area:** 1,710

**Replacement Cost:** \$0

**Building Percent Good:**

#### Building Photo

 Building Photo

(<https://images.vgsi.com/photos/EssexVAPhotos/default.jpg>)



## 0 BEULAH CHURCH RD RT 623

Location 0 BEULAH CHURCH RD RT 623

Mblu 33 / 53 /

Acct# 2431

Owner PETER STEVEN R

Clean & Green Total \$14,800

Class Agricultural- 20-100 Ac

Appraisal \$37,080

PID 1509

Building Count 1

### Current Value

Appraisal					
Valuation Year		Improvements		Land	Total
2021		\$0		\$37,080	\$37,080
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$0	\$37,080	\$37,080	\$14,800	\$14,800

### Owner of Record

Owner PETER STEVEN R

Co-Owner

Address 8119 STONY RIVER PLACE  
MECHANICSVILLE, VA 23111

Sale Price \$0

Certificate 15

Book & Page 301/450

Sale Date 06/29/2015

Instrument 12

### Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
PETER STEVEN R	\$0	15	301/450	12	06/29/2015

### Building Information

Building 1 : Section 1

Year Built:

Living Area: 0

Replacement Cost: \$0

Building Percent Good:

### Building Photo

 Building Photo

(<https://images.vgsi.com/photos/EssexVAPhotos/default.jpg>)

0 BEULAH CHURCH RD (OFF)

Location0 BEULAH CHURCH RD (OFF)

Mblu41 / / 4 / /

Acct#2017

OwnerPETER STEVEN R

Clean & Green Total\$55,500

ClassAgricultural- 20-100 Ac

Appraisal\$93,250

PID1075

Building Count1

Current Value

Appraisal					
Valuation Year		Improvements		Land	Total
2021		\$0		\$93,250	\$93,250
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$0	\$93,250	\$93,250	\$55,500	\$55,500

Owner of Record

OwnerPETER STEVEN R

Co-Owner

Address8119 STONY RIVER PLACE  
MECHANICSVILLE, VA 23111

Sale Price\$102,082

Certificate2021

Book & Page/

Sale Date02/11/2021

Instrument01

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
PETER STEVEN R	\$102,082	2021	/	01	02/11/2021
BALL ANNE GRIGGS ESTATE	\$0		94/34	00	04/22/2020

Building Information

Building 1 : Section 1

Year Built:

Living Area:0

Replacement Cost:\$0

## 0 LATANES MILL RD

Location 0 LATANES MILL RD

Mblu 42/ / 15/ /

Acct# 3778

Owner PETER STEVEN R

Clean & Green Total \$236,700

Class Agrigultural - 100+ Ac

Appraisal \$453,428

PID 2924

Building Count 1

### Current Value

Appraisal					
Valuation Year		Improvements		Land	Total
2021		\$0		\$453,428	\$453,428
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$0	\$453,428	\$453,428	\$236,700	\$236,700

### Owner of Record

Owner PETER STEVEN R

Sale Price \$0

Co-Owner

Certificate 2022

Address PO BOX 117

Book & Page /

ST STEPHENS CHURCH, VA 23148

Sale Date 04/26/2022

Instrument 01

### Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
PETER STEVEN R	\$0	2022	/	01	04/26/2022
TEMPLE ELLEN C ET AL TRUSTEES	\$0	09	0/0	00	12/29/2009

### Building Information

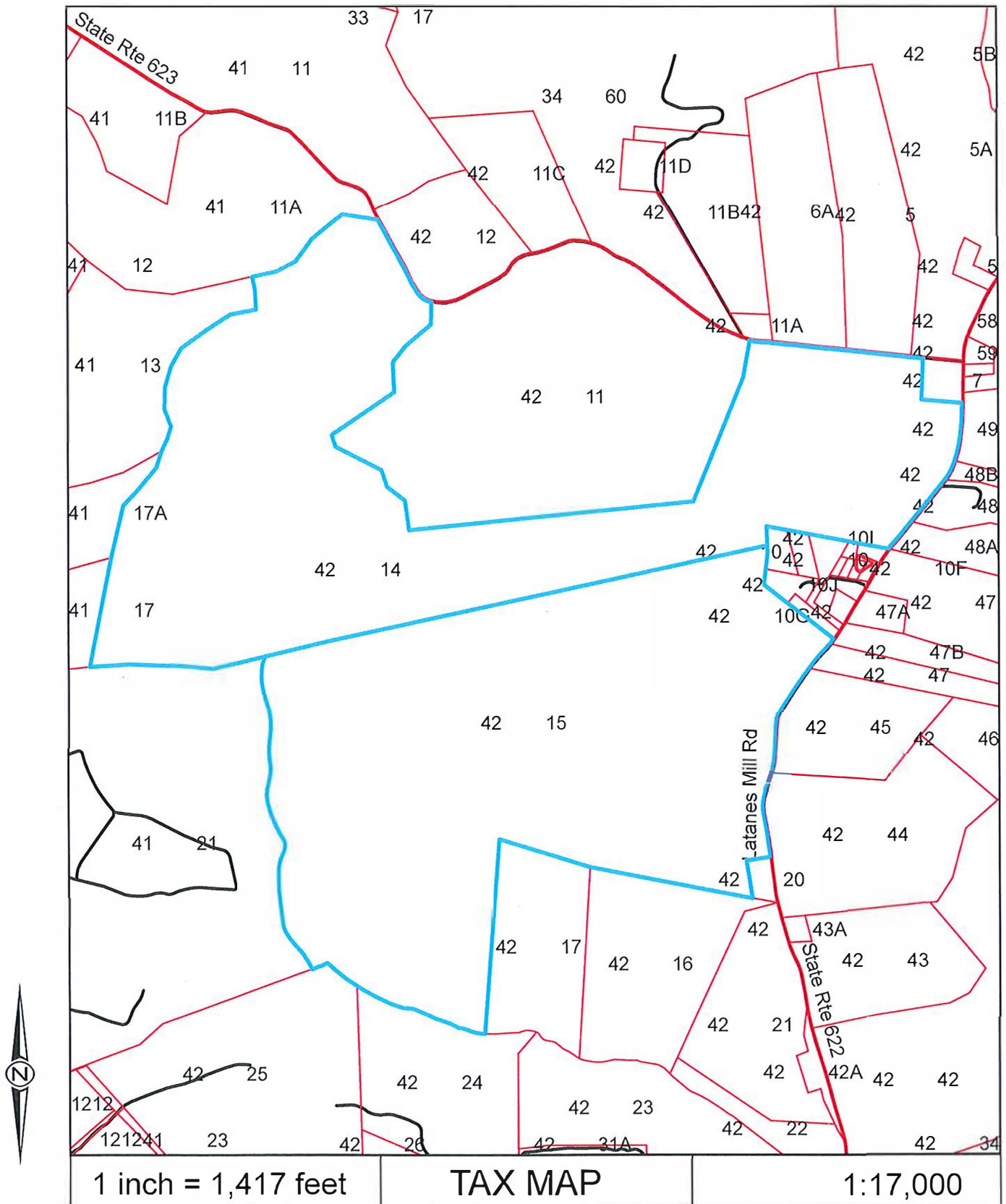
#### Building 1 : Section 1

Year Built:

Living Area: 0

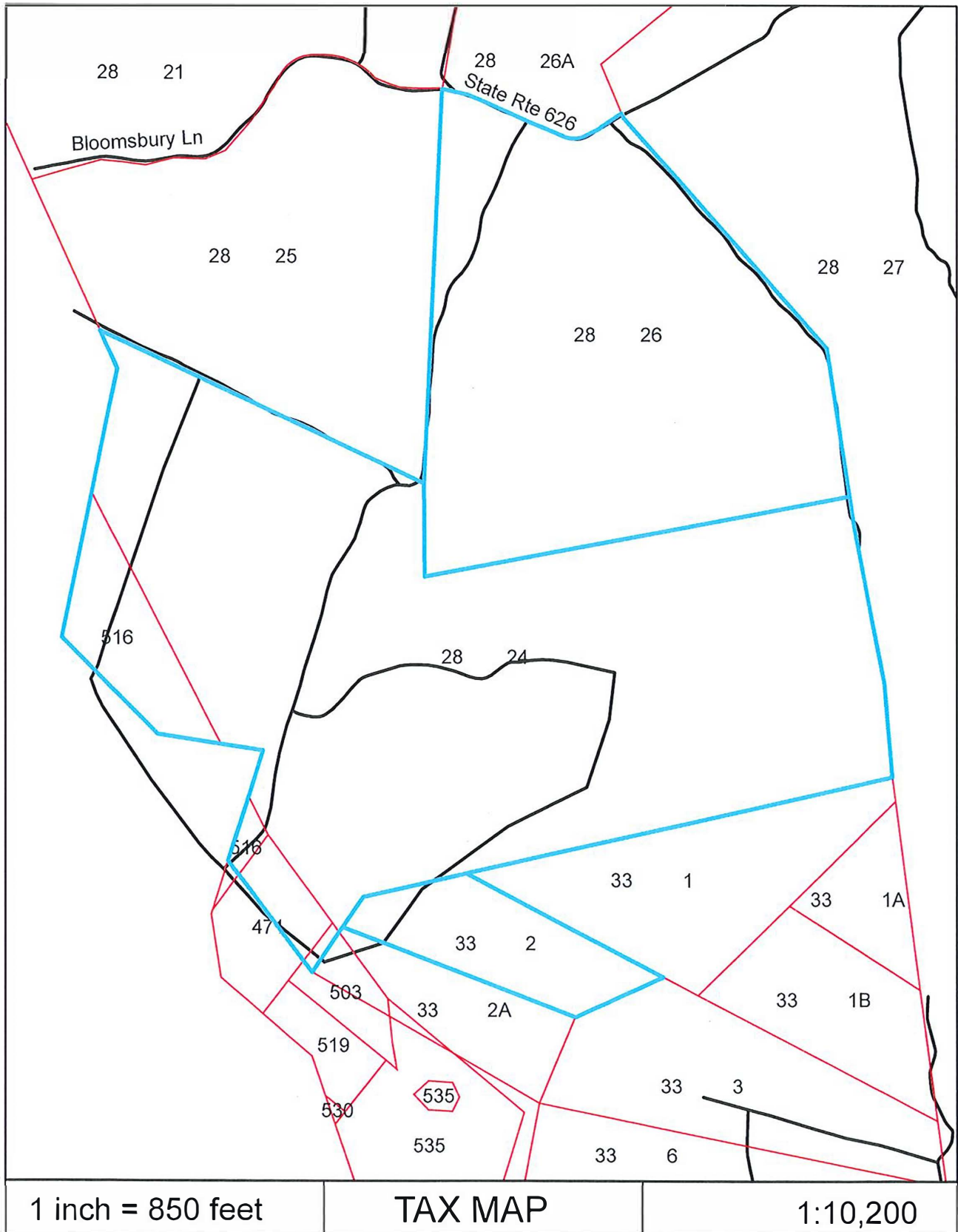
Replacement Cost: \$0





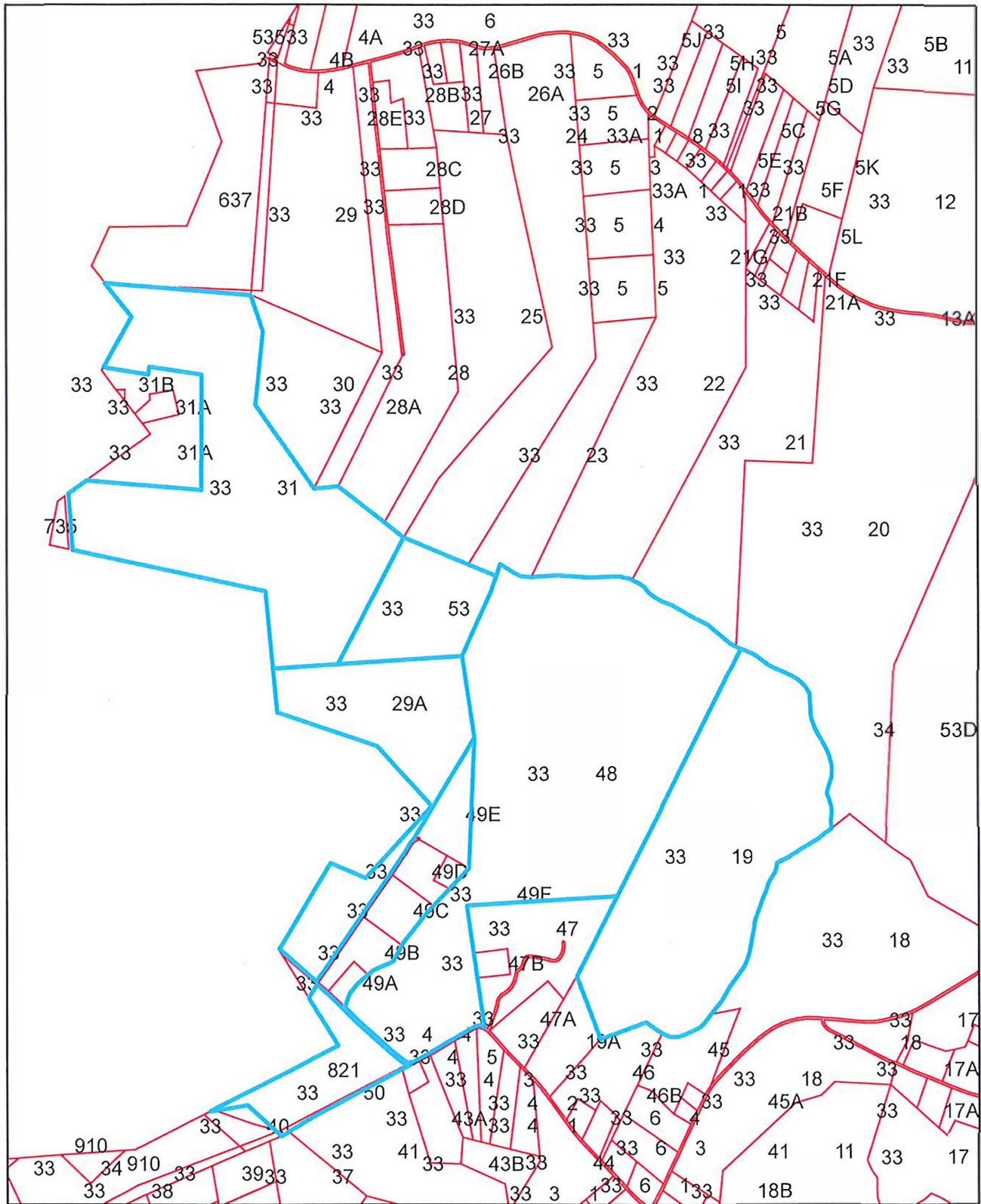
Disclaimer: Information shown on these maps are derived from public records that are constantly undergoing change and do not replace a site survey, and is not warranted for content or accuracy. The County does not guarantee the positional or thematic accuracy of the GIS data. The GIS data or cartographic digital files are not legal representation of any of the features in which it depicts, and disclaims any assumption of the legal status of which it represents.

Created 10/18/2022



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Created 10/18/2022



1 inch = 1,250 feet

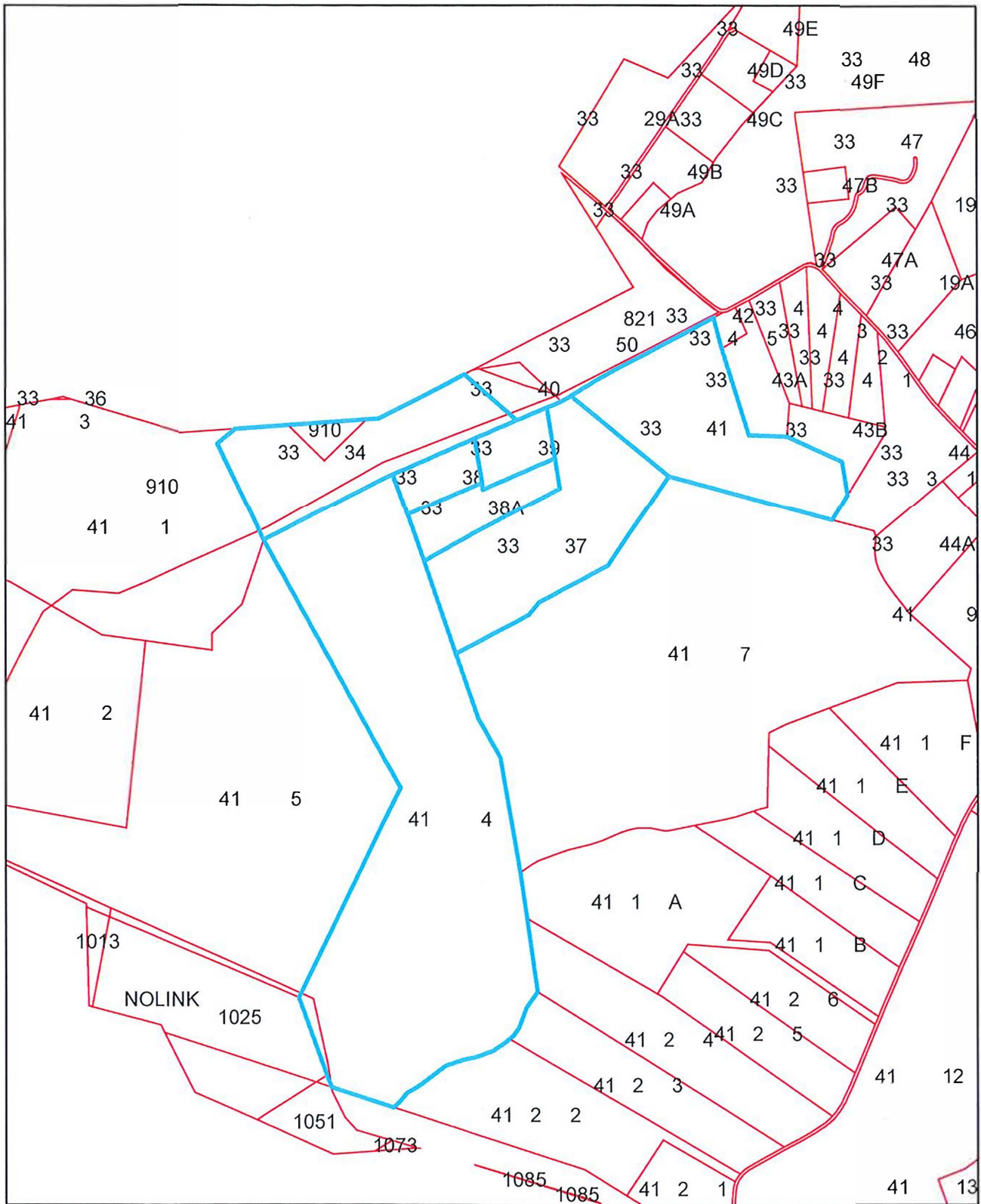
TAX MAP

1:15,000

Disclaimer: Information shown on these maps are derived from public records that are constantly undergoing change and do not replace a site survey, and is not warranted for content or accuracy. The County does not guarantee the positional or thematic accuracy of the GIS data. The GIS data or cartographic digital files are not legal representation of any of the features in which it depicts, and disclaims any assumption of the legal status of which it represents.

Created 10/18/2022





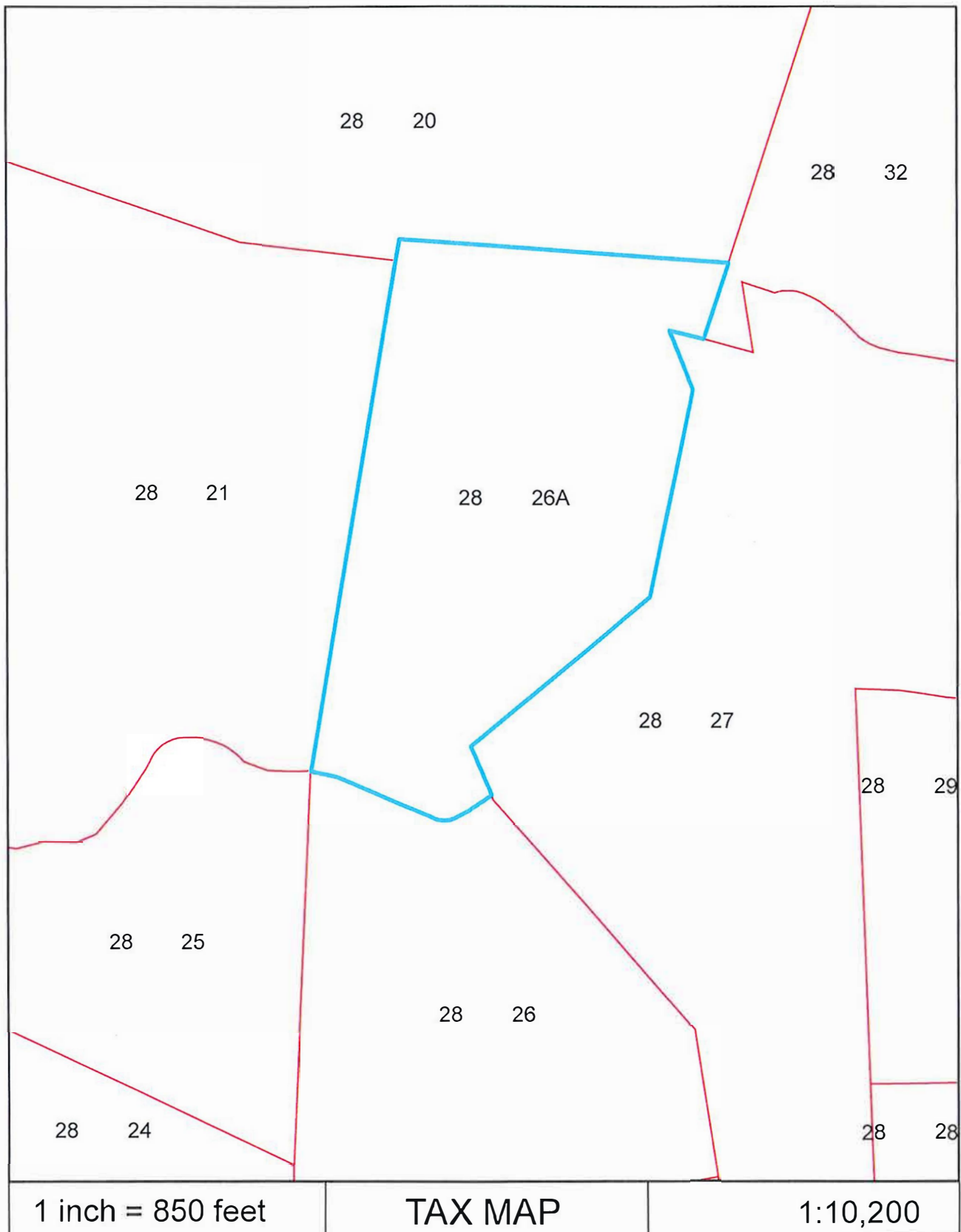
1 inch = 1,000 feet

TAX MAP

1:12,000

Disclaimer: Information shown on these maps are derived from public records that are constantly undergoing change and do not replace a site survey, and is not warranted for content or accuracy. The County does not guarantee the positional or thematic accuracy of the GIS data. The GIS data or cartographic digital files are not legal representation of any of the features in which it depicts, and disclaims any assumption of the legal status of which it represents.

Created 10/18/2022



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Revised 11/20/2022

## TAX ID LANDOWNER IDENTIFICATION SHEET

Landowner	Field Number	Tax ID
Steven R Peter	92-01	42-15
Steven R Peter	92-02	42-15
Steven R Peter	92-03	42-15
Steven R Peter	92-04	42-14
Steven R Peter	92-05	42-14
South Paw Forest Products Inc	92-06	33-2
Steven R Peter	92-07	28-24
Steven R Peter	92-08	28-26
Steven R Peter	92-09	33-31
Steven R Peter	92-10	33-31
Steven R Peter	92-11	33-31
Steven R Peter	92-12	33-53
Steven R Peter	92-13	33-29A
Steven R Peter	92-14	33-48
Steven R Peter	92-15	33-19
Steven R Peter	92-16	33-29A
Steven R Peter	92-17	33-48
Steven R Peter	92-18	33-50
Steven R Peter	92-19	33-41
		33-37
		33-38
		33-38A
		33-39
		41-4
Steven R Peter	92-20	41-4
		33-34
Steven R Peter	92-21	41-4
Steven R Peter	92-22	28-26A



Field Number	Latitude (North)	Longitude (West)
92-01	37.854°	-76.986°
92-02	37.855°	-76.988°
92-03	37.855°	-76.993°
92-04	37.862°	-77.002°
92-05	37.863°	-76.983°
92-06	37.912°	-77.023°
92-07	37.916°	-77.026°
92-08	37.922°	-77.021°
92-09	37.896°	-77.028°
92-10	37.891°	-77.024°
92-11	37.892°	-77.030°
92-12	37.890°	-77.021°
92-13	37.887°	-77.022°
92-14	37.887°	-77.016°
92-15	37.884°	-77.012°
92-16	37.883°	-77.023°
92-17	37.881°	-77.020°
92-18	37.879°	-77.023°
92-19	37.876°	-77.025°
92-20	37.876°	-77.030°
92-21	37.867°	-77.028°
92-22	37.930°	-77.021°

\*Latitude and Longitude are a random point determined by ArcView program

### Haul Route:

The Location maps in conjunction with the above latitude and longitude coordinates are a route planning tool meant to be a guide to indicate suggested haul routes for various preferences: to include but not limited to all federal, state, and local granted STAA access routes.

**EX 92 - Adjoining Property w/n 400'**

Parcel ID	Owner 1	Owner 2	Address	City	State	Zip
28-20	CASTLE THUNDER LLC		PO Box 157	CARET	VA	22436
28-21	PAUL SKOPIC JR		263 JAMES RIVER DR	NEWPORT NEWS	VA	23601
28-23	RAY B SICKAL TRUSTEE	BRENDA G SICKAL TRUSTEE	6725 FARMERS DRIVE	BARHAMSVILLE	VA	23011
28-24	STEVEN R PETER		7034 HILL MEADOWS CT	MECHANICSVILLE	VA	23116
28-25	SCOTT C MITCHELL	ANN M RANSONE	PO BOX 6	WALKERTON	VA	23177
28-26	STEVEN R PETER		7034 HILL MEADOWS CT	MECHANICSVILLE	VA	23116
28-27	BLOOMSBURY INC		P O BOX 85	TAPPAHANNOCK	VA	22560
28-32	JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY		13950 BALLANTYNE CORP PL #150	CHARLOTTE	NC	28277
32-43A	NORMA J & RANDY P ROGERS R/S		2885 BEULAH CHURCH	ST STEPHENS CHURCH	VA	23148
32-57L-1120	JAMES BROWN WILSON	CHERYL F WILSON	1784 SMITHFIELD SCHOOL ROAD	ST STEPHENS CHURCH	VA	23148
32-57L-1124	STEVEN FLOYD KELLY		5992 YORK HAVEN LANE	GLOUSTER	VA	23061
32-57L-1136	CHARLES GOODE	CELESTINE EVANS	1941 BIRCHWOOD PARK DRIVE N	CHERRY HILL	NJ	8003
33-1	DEXTER ELIJAH HICKMAN		3348 BATTERY RD	TAPPAHANNOCK	VA	22560
33-18	BROOKS FARM LLC		3333 DUNBROOKE RD	TAPPAHANNOCK	VA	22560
33-19	STEVEN R PETER		8119 STONY RIVER PLACE	MECHANICSVILLE	VA	21111
33-19A	ORSON WAYNE LONG		2688 BEULAH CHURCH RD	ST STEPHENS CHURCH	VA	23148
33-1A	MARVIN D CARNEAL	MICHAEL A CARNEAL	1881 WARINGS MILL ROAD	TAPPAHANNOCK	VA	22560
33-1B	UPSHAW LLC		3381 ROSEMOUNT RD	WALKTERON	VA	23177
33-2	SOUTH PAW FOREST PRODUCTS INC		PO BOX 117	ST STEPHENS CHURCH	VA	23148
33-20	THOMAS N BALL ET AL		PO BOX 10	MILLERS TAVERN	VA	23115
33-21	AGNES C OWENS TRUSTEE		PO BOX 132	ST STEPHENS CHURCH	VA	23148
33-22	AMANDA TURNER ET AL		1754 COUNTY ROAD 5710	DEVINE	TX	78016
33-23	EVERETT C NELSON	KATHERINE NELSON	139 HIDDEN SPRINGS LANE	STAFFORD VA 22554	VA	22554
33-24	LINDA S SHACKLEFORD		225 DEWSVILLE RD	NEWTOWN	VA	23126
33-25	JOHN PATRICK BROOKS		3226 DUNBROOKE ROAD	TAPPAHANNOCK	VA	22560
33-28	ERNEST MARTIN JR		P O BOX 2325	TAPPAHANNOCK	VA	22560
33-28A	ERNEST MARTIN JR		P O BOX 2325	TAPPAHANNOCK	VA	22560
33-29	MARTHA CHRISTINE HUTCHINSON BOYTER	BONNIE MELISSA HUTCHINSON	2657G ANNAPOLIS RD #229	HANOVER	MD	21076
33-29A	STEVEN R PETER		7034 HILL MEADOWS CT	MECHANICSVILLE	VA	23116
33-2A	STEVEN R PETER		PO BOX 117	ST STEPHENS CHURCG	VA	23148
33-3	A & L JOHNSON BOGUES		3348 BATTERY ROAD	TAPPAHANNOCK	VA	22560
33-30	MARTHA CHRISTINE HUTCHINSON BOYTER	BONNIE MELISSA HUTCHINSON	2657G ANNAPOLIS RD #229	HANOVER	MD	21076
33-31A	MARTHA CHRISTINE HUTCHINSON BOYTER	BONNIE MELISSA HUTCHINSON	2657G ANNAPOLIS RD #229	HANOVER	MD	21076
33-34	STEVENS R PETER		P O BOX 117	ST STEPHENS CHURCH	VA	23148
33-37	STEVENS R PETER		P O BOX 117	ST STEPHENS CHURCH	VA	23148
33-38	STEVENS R PETER		P O BOX 117	ST STEPHENS CHURCH	VA	23148
33-38A	STEVENS R PETER		P O BOX 117	ST STEPHENS CHURCH	VA	23148
33-39	STEVENS R PETER		P O BOX 117	ST STEPHENS CHURCH	VA	23148

Parcel ID	Owner 1	Owner 2	Address	City	State	Zip
33-40	CARROLL LEE WALKER		P O BOX 48	WALKERTON	VA	23177
33-41	STEVEN R PETER		P O BOX 117	ST STEPHENS CHURCH	VA	23148
33-4-1	DONNA M CARR		2683 BEULAH CHURCH RD	ST STEPHENS CHURCH	VA	23148
33-42	KAREN P OTTEN		677 ASHBURY STATION RD	LOGAN TOWNSHIP	NJ	08085
33-4-2	GREGORY J GECAN		2731 BEULAH CHURCH RD	ST STEPHENS CHURCH	VA	23148
33-4-3	MELVIN C WEBB JR		2777 BEULAH CHURCH RD	ST STEPHENS CHURCH	VA	23148
33-43B	KEN GIBSON		2799 BEULAH CHURCH RD	ST STEPHENS CHURCH	VA	23148
33-44	DARRELL KELLUM INC		662 SHARON ROAD	KING WILLIAM	VA	23086
33-4-4	LOUIS D & MARY JEAN MATHEWS R/S		2833 BEULAH CHURCH RD	ST STEPHENS CHURCH	VA	23148
33-44A	KEITH A & KATY L PACKETT		2405 BEULAH CHURCH RD	TAPPAHANNOCK	VA	22560
33-45	POLLARD EARTH WORKS LLC		2519 LATANES MILL ROAD	TAPPAHANNOCK	VA	22560
33-4-5	CHARLES MILTON JENKINS JR		2881 BEULAH CHURCH RD	ST STEPHENS CHURCH	VA	23148
33-46	TONDA WINSTON-PARHAM		1033 WINNSWEPT CIRCLE	CHESAPEAKE	VA	23320
33-47	ETHEL M MINSON LIFE ESTATE		318 EDDIES LN	ST STEPHENS CHURCH	VA	23148
33-47A	KIM NEWMAN JR		4422 BRIGHTON LANE	WESTCHESTER	OH	45069
33-47B	SUSAN L MINSON		179 EDDIES LN	ST STEPHENS CHURCH	VA	23148
33-49A	TYREE N SMITH JR		3080 BEULAH CHURCH RD	ST STEPHENS CHURCH	VA	23148
33-49B	JENNIFER ANN JONES		198 NEW POLL RD	ST STEPHENS CHURCH	VA	23148
33-49C	CHRISTINA M MERCER	CHARLES LEE MERCER R/S	P O BOX 906	TAPPAHANNOCK	VA	22560
33-49D	HATTIE M JOHNSON		350 NEW POLL RD	ST STEPHENS CHURCH	VA	23148
33-49E	BRITTANY S JACKSON TRUSTEE		837 CROKTREE RD	BALTIMORE MD 21220	MD	21220
33-49F	HATTIE M JOHNSON		350 NEW POLL RD	ST STEPHENS CHURCH	VA	23148
33-50	STEVENS R PETER		P O BOX 117	ST STEPHENS CHURCH	VA	23148
33-53	STEVEN R PETER		7034 HILL MEADOWS CT	MECHANICSVILLE	VA	23116
34-60	BROOKS FARM LLC		3333 DUNBROOKE RD	TAPPAHANNOCK	VA	22560
41-1	THOMAS W UPSHAW	JEAN G UPSHAW R/S	24015 MATTAPONI TRAIL	MILFORD	VA	23138
41-11	JONAH W BROOKS		3333 DUNBROOKE RD	TAPPAHANNOCK	VA	22560
41-11A	BROOKS FARM LLC		3333 DUNBROOKE RD	TAPPAHANNOCK	VA	22560
41-13	A GUERRY HIGGASON	DONNA H HIGGASON	11546 W RIVER RD	AYLETT	VA	23009
41-14A	ALAN J BROOKS	FREDERICK L BROOKS	3133 DUNBROOKE RD	TAPPAHANNOCK	VA	22560
41-17	ALAN J BROOKS	FREDERICK L BROOKS	3333 DUNBROOKE RD	TAPPAHANNOCK	VA	22560
41-17A	ALAN J BROOKS	FREDERICK L BROOKS	3333 DUNBROOKE RD	TAPPAHANNOCK	VA	22560
41-1-A	JOSEPH T HURTT JR	LORI F HURTT	774 SMITHFIELD SCHOOL RD	ST STEPHENS CHURCH	VA	23148
41-21	HMJ TIMBER LLC		200 S. 10TH STREET SUITE 1600	RICHMOND	VA	23219
41-2-2	WAYNE D MILES JR	HEATHER M BURTON R/S	1062 SMITHFIELD SCHOOL RD	ST STEPHENS CHURCH	VA	23148
41-2-3	SPICE GARDEN LLC		37 BUTLER FARM RD	HAMPTON	VA	23666
41-2-4	JAMES A PERRY		992 SMITHFIELD SCHOOL RD	ST STEPHENS CHURCH	VA	23148
41-5	TIDEWATER LUMBER CORPORATION	SOUTH PAW FOREST PRODUCTS INC	19957 TIDEWATER TRAIL	TAPPAHANNOCK	VA	22560
41-7	JAMESTOWN FORESTLANDS LLC		654 NORTH STATE ST	JACKSON	MS	39202
42-10	ROBERT W GREEN JR	ALICIA L GREEN R/S	P O BOX 102	MILLERS TAVERN	VA	23115



Parcel ID	Owner 1	Owner 2	Address	City	State	Zip
42-10A	ROSE T CARTER		122 HAYWOOD ROAD	TAPPAHANNOCK	VA	22560
42-10G	TRAVIS SIVART		1407 LATANES MILL RD	TAPPAHANNOCK	VA	22560
42-10H	JACK BAILEY TRUSTEE	VIVIAN B BAILEY TRUSTEE	694 A1 SHARON RD	KING WILLIAM	VA	23086
42-10I	JAMES R FENDER		1449 LATANES MILL RD	TAPPAHANNOCK	VA	22560
42-10J	AMBER MAYER		1527 LATANES MILL RD	TAPPAHANNOCK	VA	22560
42-10K	JAMES R & EDELICIA FENDER R/S		1579 SORGHUM RD	ST STEPHENS CHURCH	VA	23148
42-11	CARTER BALL		480 ROCKINGHAM RD	DUNNSVILLE	VA	22454
42-11A	ADAM DOUGLAS CLOW		496 BEULAH CHURCH RD	TAPPAHANNOCK	VA	22560
42-11B	BROOKS FARM LLC		3333 DUNBROOKE RD	TAPPAHANNOCK	VA	22560
42-12	TIMOTHY M WALTER	CYNTHIA A WALTER R/S	8126 LIBERTY OAKS LANE	HANOVER	VA	23005
42-16	HMJ TIMBER LLC		200 S. 10TH STREET SUITE 1600	RICHMOND	VA	23219
42-17	HMJ TIMBER LLC		200 S. 10TH STREET SUITE 1600	RICHMOND	VA	23219
42-20	JERRY L SMITH	REBECCA N SMITH	919 LATANES MILL RD	TAPPAHANNOCK	VA	22560
42-21	CARTER LUMBER CO INC		PO BOX 1046	MECHANICSVILLE	VA	23111
42-23	ROY G POLLARD		2130 LATANE MILL RD	TAPPAHANNOCK	VA	22560
42-24	FRANK O BROOKS JR ET AL		764 DUNLUCE RD	KING WILLIAM	VA	23086
42-25	FRANK O BROOKS JR ET AL		764 DUNLUCE RD	KING WILLIAM	VA	23086
42-43	JOHN R & PATRICIA R HAILE TRUSTEES		460 LATANES MILL RD	TAPPAHANNOCK	VA	22560
42-43A	MARY H MOORE		782 LATANES MILL RD	TAPPAHANNOCK	VA	22560
42-44	GEORGE TOWNS JR		P O BOX 2064	TAPPAHANNOCK	VA	22560
42-45	JOHN R & PATRICIA R HAILE TRUSTEES		460 LATANES MILL RD	TAPPAHANNOCK	VA	22560
42-47	JERRY E HAYES ET UX		P O BOX 65	MILLERS TAVERN	VA	23115
42-47A	MARLIN L BOTKIN JR	DEBRA C BOTKIN R/S	P O BOX 415	MILLERS TAVERN	VA	23115
42-47B	JOHN R & PATRICIA R HAILE TRUSTEES		460 LATANES MILL RD	TAPPAHANNOCK	VA	22560
42-48	ANN B MORGAN		1770 LATANES MILL RD	TAPPAHANNOCK	VA	22560
42-48A	NANCY B SCHROEDER		4288 STUDLEY RD	MECHANICSVILLE	VA	23111
42-48B	ROBERT P MORGAN		1770 LATANES MILL RD	TAPPAHANNOCK	VA	22560
42-49	J W BROOKS		3333 DUNBROOKE RD	TAPPAHANNOCK	VA	22560
42-5	RICHARD DEANE SPIGHT		2201 LATANES MILL RD	TAPPAHANNOCK	VA	22560
42-56	JONAH W BROOKS		3333 DUNBROOKE RD	TAPPAHANNOCK	VA	22560
42-58	ROY GARNETT POLLARD		2130 LATANES MILL RD	TAPPAHANNOCK	VA	22560
42-59	ROY GARNETT POLLARD		2130 LATANES MILL RD	TAPPAHANNOCK	VA	22560
42-59A	BERNICE DELORES HENCE		2000 LATANES MILL RD	TAPPAHANNOCK	VA	22560
42-5A	ROY POLLARD		2130 LATANES MILL RD	TAPPAHANNOCK	VA	22560
42-6A	CRAIG S CORSON ET UX		398 BEULAH CHURCH RD	TAPPAHANNOCK	VA	22560
42-7	BEULAH BAPTIST CHURCH		2007 LATANES MILL RD	TAPPAHANNOCK	VA	22560

## Farm Summary Report

**Plan:**                **New Plan**                **Fall, 2022 - Winter, 2032**

**Farm Name:**    **New Farm**

Location:        Essex

Specialist:      Hunter Davis

N-based Acres: 1380.4

P-based Acres: 0.0

**Tract Name:**    **EX 92**

FSA Number:    0

Location:                Essex

**Field Name:**                **1**

Total Acres:    11.10    Usable Acres:    11.10

FSA Number:    0

Tract:                EX 92

Location:                Essex

Slope Class:    B                Hydrologic Group:    B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

### *P-Index Summary*

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

### **Soil Test Results:**

DATE	PH	P	K	Lab
	[NO TEST]			

### **Soils:**

PERCENT	SYMBOL	SOIL SERIES
90	18B	Rumford
3	20D	Rumford Slagle
8	23B	Suffolk

### **Field Warnings:**

*Environmentally Sensitive Soils due to:*

*Soils with potential for leaching based on soil texture or excessive drainage*

*Soils with perent slope in excess of 15%*

### **Crop Rotation:**

PLANTED	YIELD	CROP NAME
---------	-------	-----------

**Field Name: 2**

Total Acres: 3.60 Usable Acres: 3.60

FSA Number: 0

Tract: EX 92

Location: Essex

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

**P-Index Summary**

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K	Lab
	[NO TEST]			

**Soils:**

PERCENT	SYMBOL	SOIL SERIES
56	18B	Rumford
10	20D	Rumford Slagle
34	23B	Suffolk

**Field Warnings:***Environmentally Sensitive Soils due to:**Soils with potential for leaching based on soil texture or excessive drainage**Soils with percent slope in excess of 15%***Crop Rotation:**

PLANTED	YIELD	CROP NAME
---------	-------	-----------



**Field Name: 3**

Total Acres: 416.60 Usable Acres: 416.60

FSA Number: 0

Tract: EX 92

Location: Essex

Slope Class: C Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

**P-Index Summary**

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K	Lab
	[NO TEST]			

**Soils:**

PERCENT	SYMBOL	SOIL SERIES
4	3A	Bibb
5	9B	Emporia
11	18B	Rumford
10	19E	Emporia Rumford
33	20D	Rumford Slagle
37	23B	Suffolk

**Field Warnings:***Environmentally Sensitive Soils due to:**Soils with potential for leaching based on soil texture or excessive drainage**Soils with high potential for subsurface lateral flow based on soil texture and poor drainage**Soils with percent slope in excess of 15%***Crop Rotation:**

PLANTED	YIELD	CROP NAME
---------	-------	-----------

**Field Name: 4**

Total Acres: 190.90 Usable Acres: 190.90

FSA Number: 0

Tract: EX 92

Location: Essex

Slope Class: D Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

**P-Index Summary**

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K	Lab
	[NO TEST]			

**Soils:**

PERCENT	SYMBOL	SOIL SERIES
7	3A	Bibb
42	19E	Emporia Rumford
24	23A	Suffolk
27	23B	Suffolk

**Field Warnings:***Environmentally Sensitive Soils due to:**Soils with potential for leaching based on soil texture or excessive drainage**Soils with high potential for subsurface lateral flow based on soil texture and poor drainage**Soils with percent slope in excess of 15%***Crop Rotation:**

PLANTED	YIELD	CROP NAME
---------	-------	-----------

**Field Name: 5**

Total Acres: 78.10 Usable Acres: 78.10

FSA Number: 0

Tract: EX 92

Location: Essex

Slope Class: C Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

**P-Index Summary**

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K	Lab
	[NO TEST]			

**Soils:**

PERCENT	SYMBOL	SOIL SERIES
16	9A	Emporia
34	20D	Rumford Slagle
44	23B	Suffolk
6	24A	Tetotum

**Field Warnings:***Environmentally Sensitive Soils due to:**Soils with potential for leaching based on soil texture or excessive drainage**Soils with perent slope in excess of 15%***Crop Rotation:**

PLANTED	YIELD	CROP NAME
---------	-------	-----------



**Field Name: 6**

Total Acres: 17.60 Usable Acres: 17.60

FSA Number: 0

Tract: EX 92

Location: Essex

Slope Class: D Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

**P-Index Summary**

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K	Lab
	[NO TEST]			

**Soils:**

PERCENT	SYMBOL	SOIL SERIES
43	9B	Emporia
29	19E	Emporia Rumford
21	20D	Rumford Slagle
7	21C	Slagle

**Field Warnings:***Environmentally Sensitive Soils due to:**Soils with potential for leaching based on soil texture or excessive drainage**Soils with percent slope in excess of 15%***Crop Rotation:**

PLANTED	YIELD	CROP NAME
---------	-------	-----------

**Field Name: 7**

Total Acres: 190.00 Usable Acres: 190.00

FSA Number: 0

Tract: EX 92

Location: Essex

Slope Class: C Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

**P-Index Summary**

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K	Lab
	[NO TEST]			

**Soils:**

PERCENT	SYMBOL	SOIL SERIES
5	9B	Emporia
7	10B	Kempsville
10	19E	Emporia Rumford
34	20D	Rumford Slagle
41	23B	Suffolk
4	21C	Slagle

**Field Warnings:***Environmentally Sensitive Soils due to:**Soils with potential for leaching based on soil texture or excessive drainage**Soils with percent slope in excess of 15%***Crop Rotation:**

PLANTED	YIELD	CROP NAME
---------	-------	-----------

**Field Name: 8**

Total Acres: 118.00 Usable Acres: 118.00

FSA Number: 0

Tract: EX 92

Location: Essex

Slope Class: D Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

**P-Index Summary**

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K	Lab
	[NO TEST]			

**Soils:**

PERCENT	SYMBOL	SOIL SERIES
2	3A	Bibb
15	9B	Emporia
22	19E	Emporia Rumford
31	20D	Rumford Slagle
31	23B	Suffolk

**Field Warnings:***Environmentally Sensitive Soils due to:**Soils with potential for leaching based on soil texture or excessive drainage**Soils with high potential for subsurface lateral flow based on soil texture and poor drainage**Soils with percent slope in excess of 15%***Crop Rotation:**

PLANTED	YIELD	CROP NAME
---------	-------	-----------

**Field Name: 9**

Total Acres: 19.30 Usable Acres: 19.30

FSA Number: 0

Tract: EX 92

Location: Essex

Slope Class: D Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

**P-Index Summary**

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K	Lab
	[NO TEST]			

**Soils:**

PERCENT	SYMBOL	SOIL SERIES
16	10B	Kempsville
77	20D	Rumford Slagle
8	23B	Suffolk

**Field Warnings:***Environmentally Sensitive Soils due to:**Soils with potential for leaching based on soil texture or excessive drainage**Soils with percent slope in excess of 15%***Crop Rotation:**

PLANTED	YIELD	CROP NAME
---------	-------	-----------



**Field Name: 10**

Total Acres: 40.00 Usable Acres: 40.00

FSA Number: 0

Tract: EX 92

Location: Essex

Slope Class: D Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

**P-Index Summary**

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K	Lab
	[NO TEST]			

**Soils:**

PERCENT	SYMBOL	SOIL SERIES
37	10B	Kempsville
29	19E	Emporia Rumford
21	20D	Rumford Slagle
13	23B	Suffolk

**Field Warnings:***Environmentally Sensitive Soils due to:**Soils with potential for leaching based on soil texture or excessive drainage**Soils with percent slope in excess of 15%***Crop Rotation:**

PLANTED	YIELD	CROP NAME
---------	-------	-----------

**Field Name: 11**

Total Acres: 22.50 Usable Acres: 22.50

FSA Number: 0

Tract: EX 92

Location: Essex

Slope Class: C Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

**P-Index Summary**

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K	Lab
	[NO TEST]			

**Soils:**

PERCENT	SYMBOL	SOIL SERIES
78	10B	Kempsville
13	20D	Rumford Slagle
9	19E	Emporia Rumford

**Field Warnings:***Environmentally Sensitive Soils due to:**Soils with potential for leaching based on soil texture or excessive drainage**Soils with percent slope in excess of 15%***Crop Rotation:**

PLANTED	YIELD	CROP NAME
---------	-------	-----------

**Field Name: 12**

Total Acres: 21.90 Usable Acres: 21.90

FSA Number: 0

Tract: EX 92

Location: Essex

Slope Class: D Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

***P-Index Summary***

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K	Lab
	[NO TEST]			

**Soils:**

PERCENT	SYMBOL	SOIL SERIES
45	10B	Kempsville
55	19E	Emporia Rumford

**Field Warnings:***Environmentally Sensitive Soils due to:**Soils with potential for leaching based on soil texture or excessive drainage**Soils with percent slope in excess of 15%***Crop Rotation:**

PLANTED	YIELD	CROP NAME
---------	-------	-----------

**Field Name: 13**

Total Acres: 29.30 Usable Acres: 29.30

FSA Number: 0

Tract: EX 92

Location: Essex

Slope Class: D Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

**P-Index Summary**

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K	Lab
	[NO TEST]			

**Soils:**

PERCENT	SYMBOL	SOIL SERIES
36	10A	Kempsville
10	10B	Kempsville
54	19E	Emporia Rumford

**Field Warnings:***Environmentally Sensitive Soils due to:**Soils with potential for leaching based on soil texture or excessive drainage**Soils with percent slope in excess of 15%***Crop Rotation:**

PLANTED	YIELD	CROP NAME
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**Field Name: 14**

Total Acres: 99.60 Usable Acres: 99.60

FSA Number: 0

Tract: EX 92

Location: Essex

Slope Class: C Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

**P-Index Summary**

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K	Lab
	[NO TEST]			

**Soils:**

PERCENT	SYMBOL	SOIL SERIES
1	3A	Bibb
25	10A	Kempsville
3	10B	Kempsville
25	19E	Emporia Rumford
23	20D	Rumford Slagle
23	23B	Suffolk

**Field Warnings:***Environmentally Sensitive Soils due to:**Soils with potential for leaching based on soil texture or excessive drainage**Soils with high potential for subsurface lateral flow based on soil texture and poor drainage**Soils with percent slope in excess of 15%***Crop Rotation:**

PLANTED	YIELD	CROP NAME
---------	-------	-----------

**Field Name: 15**

Total Acres: 75.50 Usable Acres: 75.50

FSA Number: 0

Tract: EX 92

Location: Essex

Slope Class: D Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

**P-Index Summary**

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K	Lab
	[NO TEST]			

**Soils:**

PERCENT	SYMBOL	SOIL SERIES
42	10A	Kempsville
53	19E	Emporia Rumford
4	20D	Rumford Slagle

**Field Warnings:***Environmentally Sensitive Soils due to:**Soils with potential for leaching based on soil texture or excessive drainage**Soils with percent slope in excess of 15%***Crop Rotation:**

PLANTED	YIELD	CROP NAME
---------	-------	-----------

**Field Name: 16**

Total Acres: 10.40 Usable Acres: 10.40

FSA Number: 0

Tract: EX 92

Location: Essex

Slope Class: A Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

***P-Index Summary***

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

***Soil Test Results:***

DATE	PH	P	K	Lab
	[NO TEST]			

***Soils:***

PERCENT	SYMBOL	SOIL SERIES
100	10A	Kempsville

***Field Warnings:******Crop Rotation:***

PLANTED	YIELD	CROP NAME
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**Field Name: 17**

Total Acres: 23.40 Usable Acres: 23.40

FSA Number: 0

Tract: EX 92

Location: Essex

Slope Class: A Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

***P-Index Summary***

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

***Soil Test Results:***

DATE	PH	P	K	Lab
	[NO TEST]			

***Soils:***

PERCENT	SYMBOL	SOIL SERIES
85	10A	Kempsville
15	10B	Kempsville

***Field Warnings:******Crop Rotation:***

PLANTED	YIELD	CROP NAME
---------	-------	-----------



**Field Name: 18**

Total Acres: 12.60 Usable Acres: 12.60

FSA Number: 0

Tract: EX 92

Location: Essex

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

***P-Index Summary***

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

***Soil Test Results:***

DATE	PH	P	K	Lab
	[NO TEST]			

***Soils:***

PERCENT	SYMBOL	SOIL SERIES
28	9B	Emporia
20	10A	Kempsville
37	10B	Kempsville
16	10C	Kempsville

***Field Warnings:******Crop Rotation:***

PLANTED	YIELD	CROP NAME
---------	-------	-----------

**Field Name: 19**

Total Acres: 94.30 Usable Acres: 94.30

FSA Number: 0

Tract: EX 92

Location: Essex

Slope Class: C Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

***P-Index Summary***

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K	Lab
	[NO TEST]			

**Soils:**

PERCENT	SYMBOL	SOIL SERIES
25	9B	Emporia
30	9C	Emporia
17	19E	Emporia Rumford
22	10C	Kempsville
6	20D	Rumford Slagle

**Field Warnings:***Environmentally Sensitive Soils due to:**Soils with potential for leaching based on soil texture or excessive drainage**Soils with percent slope in excess of 15%***Crop Rotation:**

PLANTED	YIELD	CROP NAME
---------	-------	-----------

**Field Name: 20**

Total Acres: 36.40 Usable Acres: 36.40

FSA Number: 0

Tract: EX 92

Location: Essex

Slope Class: C Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

**P-Index Summary**

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K	Lab
[NO TEST]				

**Soils:**

PERCENT	SYMBOL	SOIL SERIES
50	9B	Emporia
19	9C	Emporia
31	20D	Rumford Slagle

**Field Warnings:***Environmentally Sensitive Soils due to:**Soils with potential for leaching based on soil texture or excessive drainage**Soils with percent slope in excess of 15%***Crop Rotation:**

PLANTED	YIELD	CROP NAME
---------	-------	-----------

**Field Name: 21**

Total Acres: 41.00 Usable Acres: 41.00

FSA Number: 0

Tract: EX 92

Location: Essex

Slope Class: D Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

**P-Index Summary**

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K	Lab
	[NO TEST]			

**Soils:**

PERCENT	SYMBOL	SOIL SERIES
44	9B	Emporia
15	9C	Emporia
27	19E	Emporia Rumford
14	20D	Rumford Slagle

**Field Warnings:***Environmentally Sensitive Soils due to:**Soils with potential for leaching based on soil texture or excessive drainage**Soils with percent slope in excess of 15%***Crop Rotation:**

PLANTED	YIELD	CROP NAME
---------	-------	-----------



## ENVIRONMENTALLY SENSITIVE AREAS

Field	Reason for Sensitive Area
92-01	Leaching Potential (Map Unit 18B - 90%)
92-02	Leaching Potential (Map Unit 18B - 56%)
92-03	High Water Table (Map Unit 3A - 4%) Flooded Soils (Map Unit 3A - 4%) Drainage Soils (Map Unit 3A - 4%) Leaching Potential (Map Unit 18B,19E - 21%)
92-04	High Water Table (Map Unit 3A - 7%) Flooded Soils (Map Unit 3A - 7%) Drainage Soils (Map Unit 3A - 7%) Leaching Potential (Map Unit 19E - 42%)
92-05	None
92-06	Leaching Potential (Map Unit 19E - 29%)
92-07	Leaching Potential (Map Unit 19E - 10%)
92-08	High Water Table (Map Unit 3A - 2%) Flooded Soils (Map Unit 3A - 2%) Drainage Soils (Map Unit 3A - 2%) Leaching Potential (Map Unit 19E - 22%)
92-09	None
92-10	Leaching Potential (Map Unit 19E - 29%)
92-11	Leaching Potential (Map Unit 19E - 9%)
92-12	Leaching Potential (Map Unit 19E - 55%)
92-13	Leaching Potential (Map Unit 19E - 54%)
92-14	High Water Table (Map Unit 3A - 1%) Flooded Soils (Map Unit 3A - 1%) Drainage Soils (Map Unit 3A - 1%) Leaching Potential (Map Unit 19E - 25%)
92-15	Leaching Potential (Map Unit 19E - 53%)
92-16	None

92-17	None
92-18	None
92-19	Leaching Potential (Map Unit 19E - 17%)
92-20	None
92-21	Leaching Potential (Map Unit 19E - 27%)
92-22	Leaching Potential (Map Unit 19E - 23%)

### Essex County Soils that are Environmentally Sensitive

Soil Map Unit	Series Name	Time of year		Environmental
		High Water	Flooded	
2A	Augusta	Jan-May		
3A	Bibb	Jan-Apr, Dec	Jan-May, Dec	Drainage
4A	Bojac			Leaching
6B	Catpoint			Leaching
7A	Chickahominy	Jan-Apr, Nov-Dec		
11A	Levy		Jan-Dec	Drainage Shallow Soils
12A	Molena			Leaching
14A	Newflat	Jan-Apr, Nov-Dec		
17A	Rappahannock	Jan-Dec	Jan-Dec	Drainage Shallow Soils
18B, 19E	Rumford			Leaching
25A	Tomotley	Jan-Apr, Nov-Dec		

# Map Legend



House/Dwelling with a well

- 200' buffer-dwelling (with conditions for reduction)
- 100' buffer- from well



Rock Outcrop

- 25' buffer



Limestone Outcrop/Closed Sinkhole

- 50' buffer



Well/Spring/Open Sinkhole

- 100' buffer



Lake/Pond

- 35' w/vegetative buffer; 100' without vegetative buffer



Slope which exceeds 15%



Publicly Accessible Site/Odor Sensitive Site

- 200' buffer Publicly Accessible Site Property Line
- 400' buffer Odor Sensitive Site



Stream/River

- 35' w/vegetative buffer; 100' without vegetative buffer



Agricultural/Drainage Ditch

- 10' buffer



Roadway

- 10' improved highway buffer



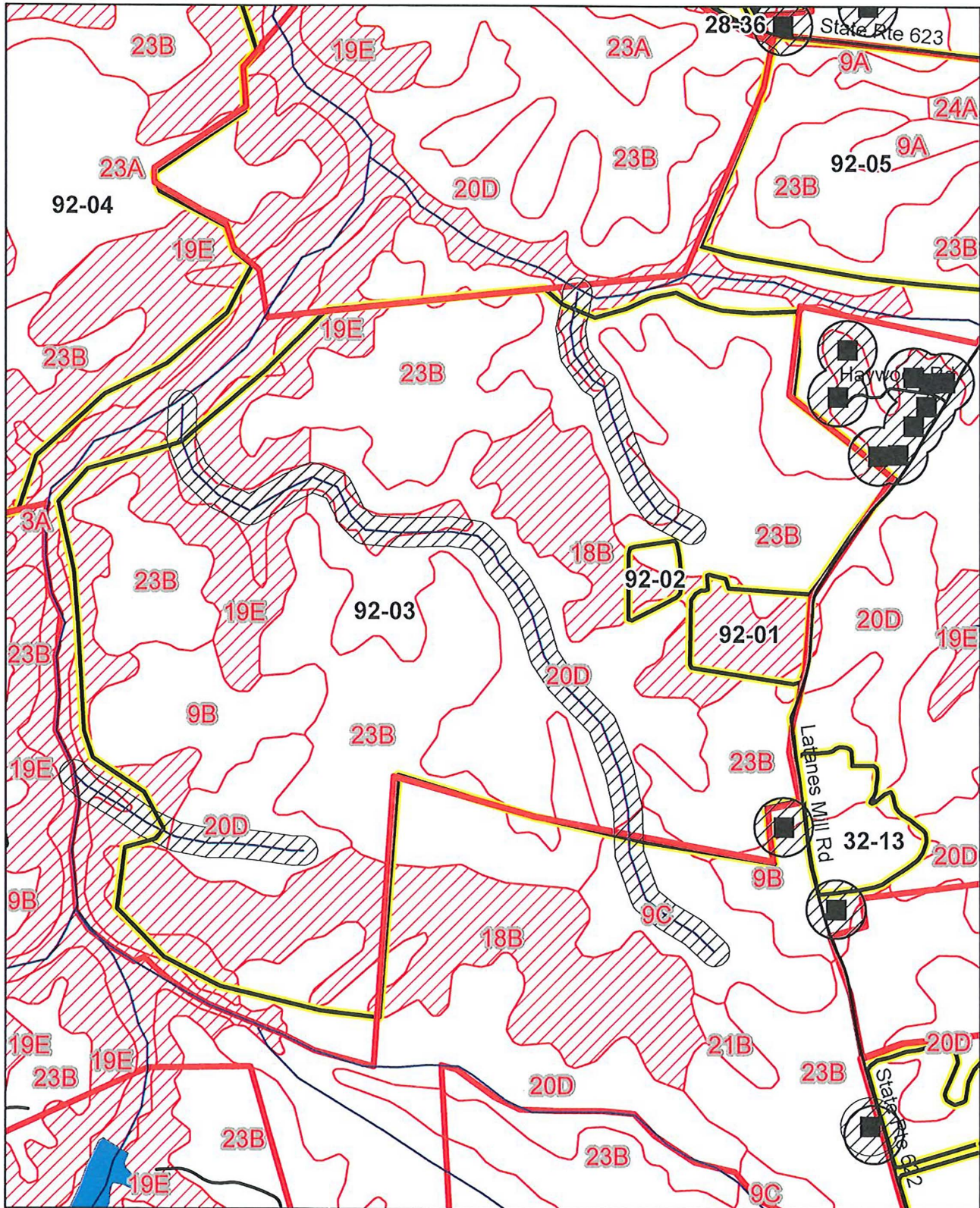
Field Boundary



Property Line

- 100' buffer unless waiver issued





1 inch = 1,000 feet

SOIL MAP

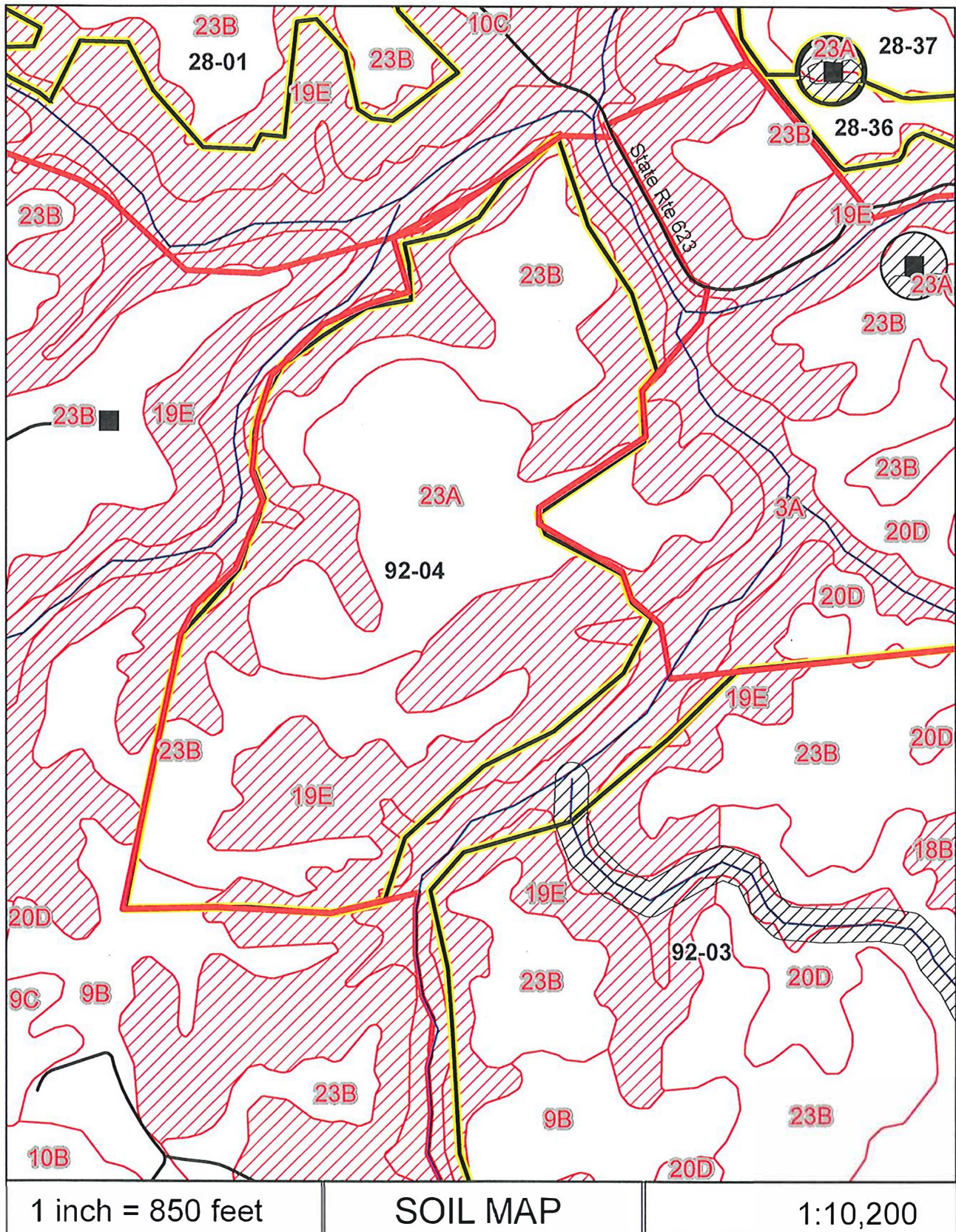
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Environmentally Sensitive Soils

Created 10/18/2022

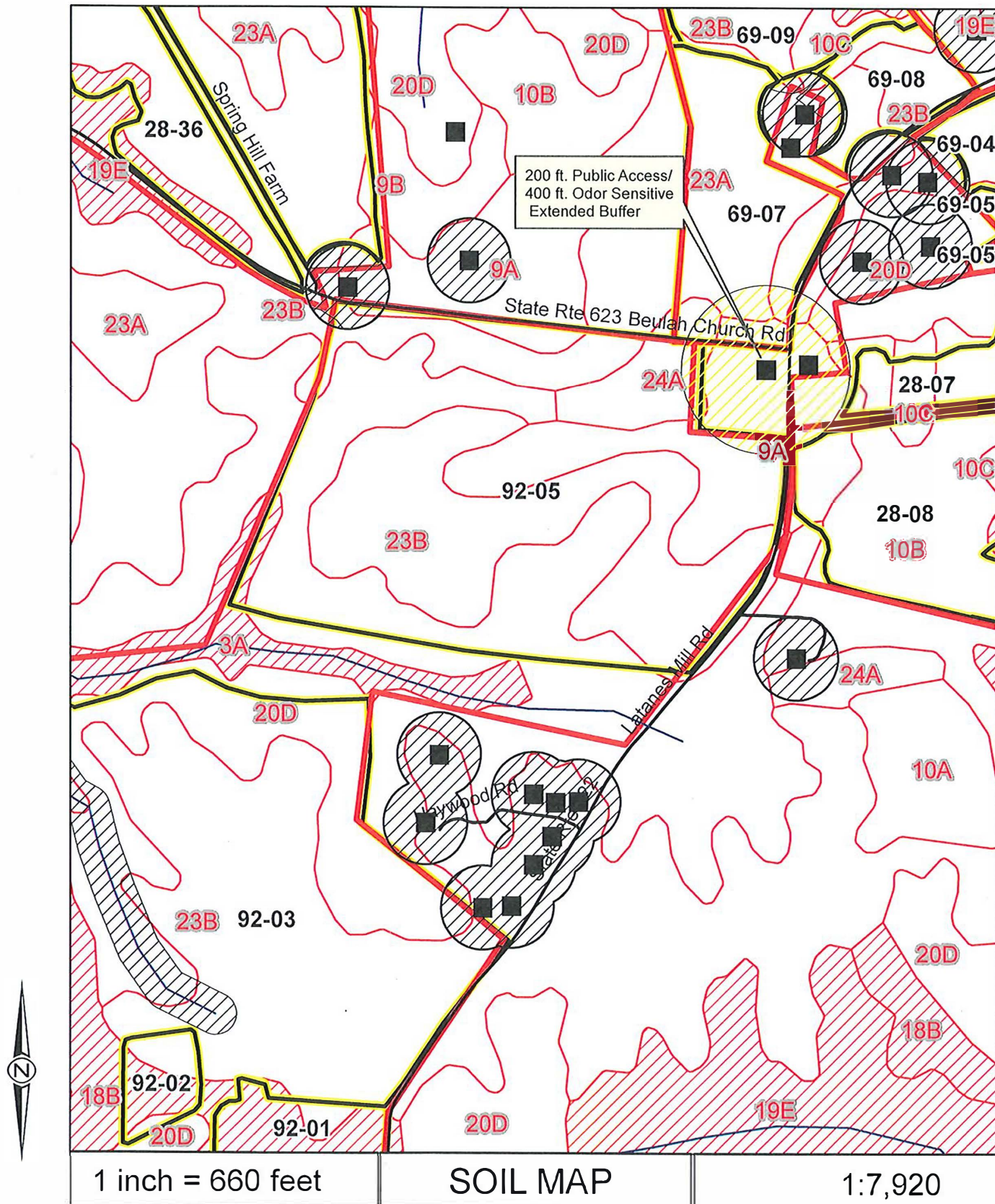




 Environmentally Sensitive Soils

Created 10/18/2022





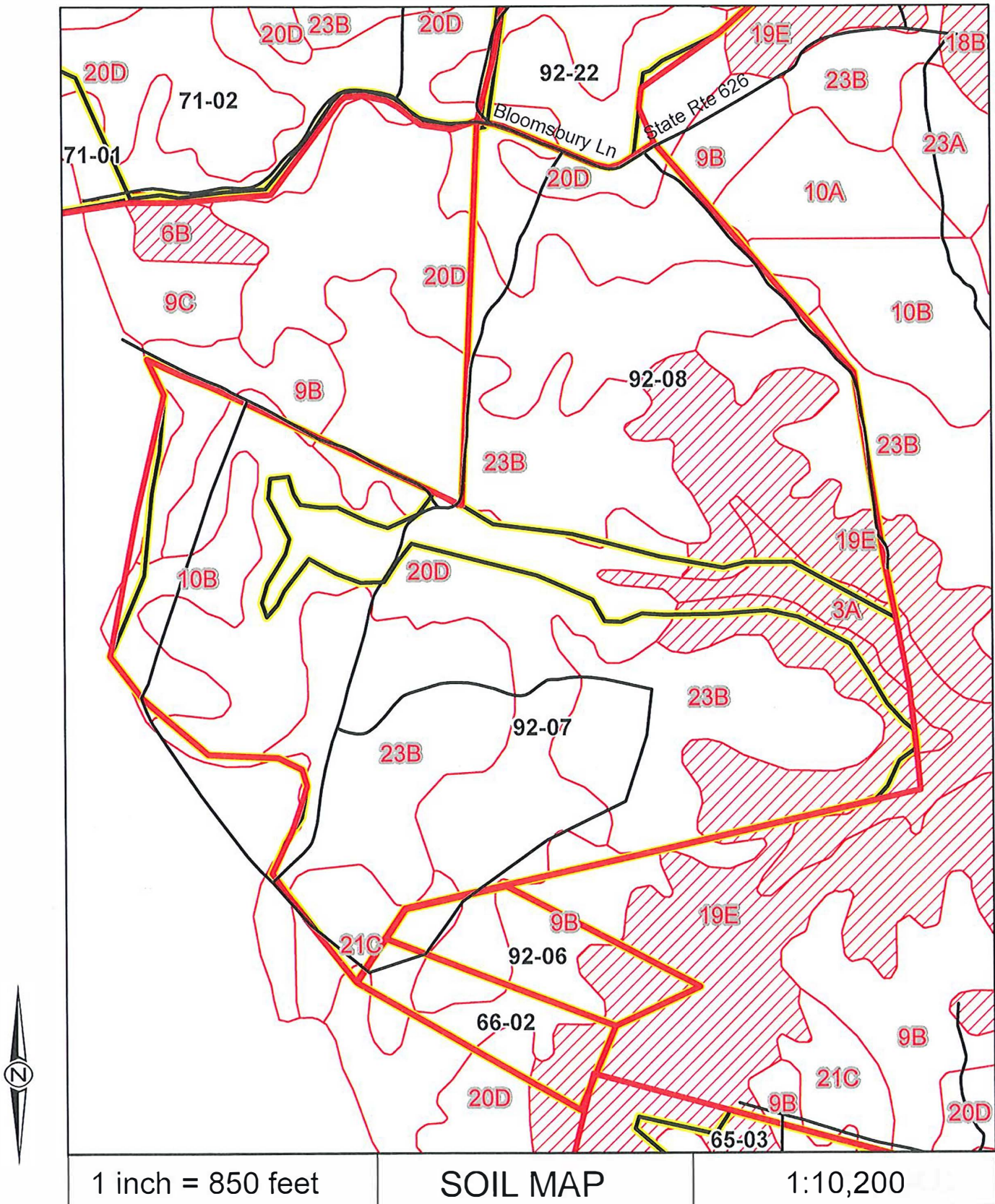
**EXTENDED SETBACK**



Environmentally Sensitive Soils

Created 10/18/2022

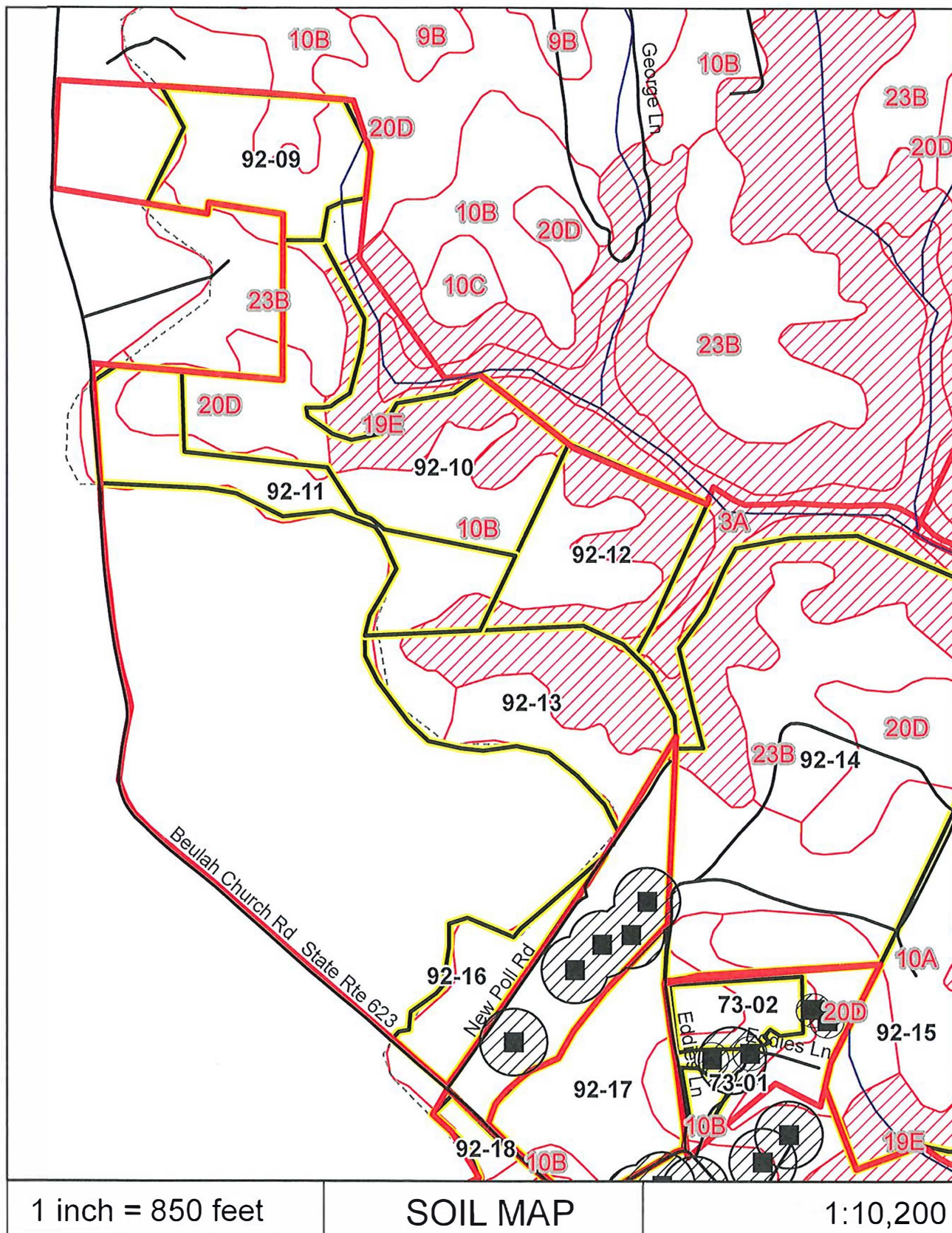




 **Environmentally Sensitive Soils**

Revised 11/02/2022

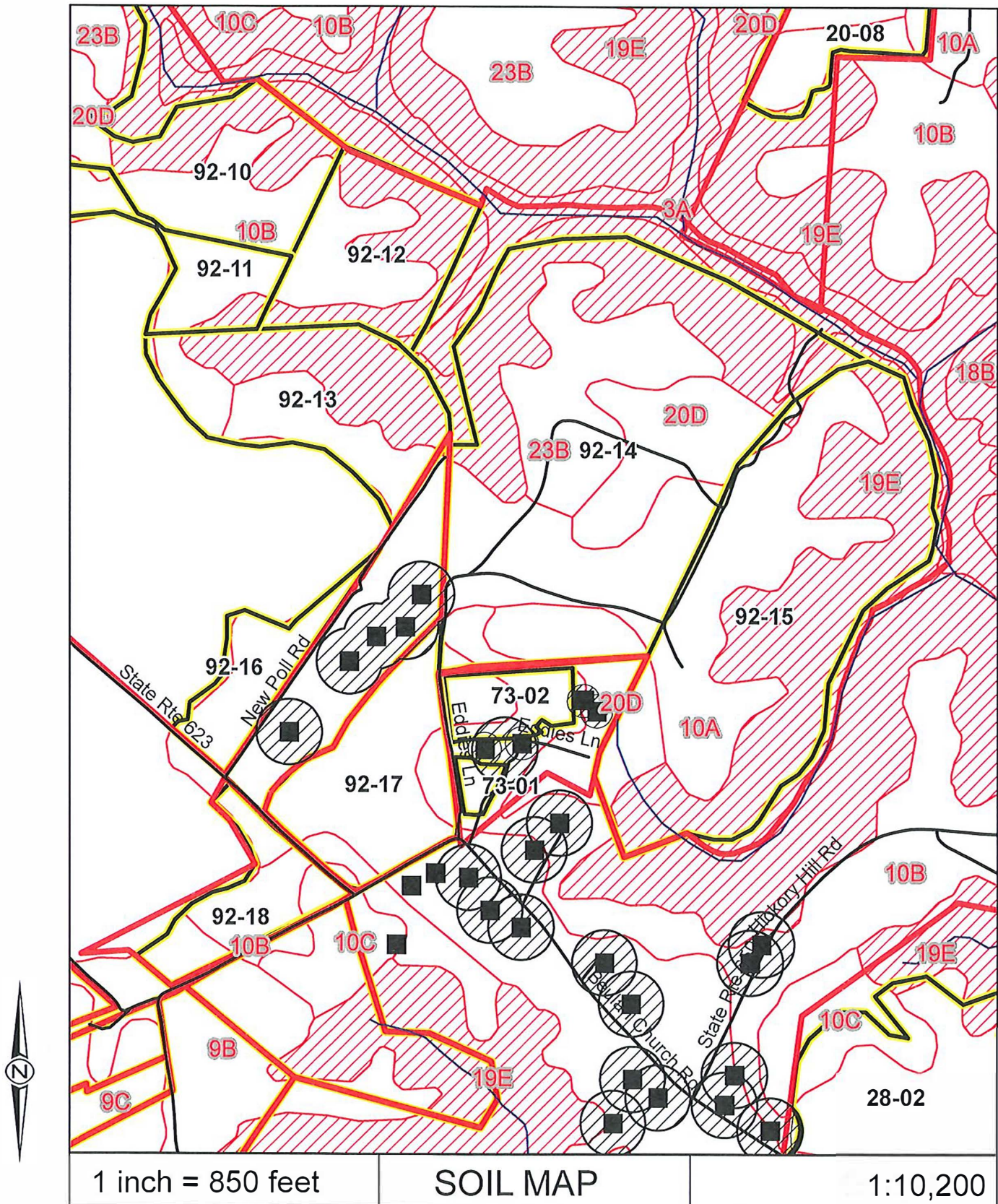




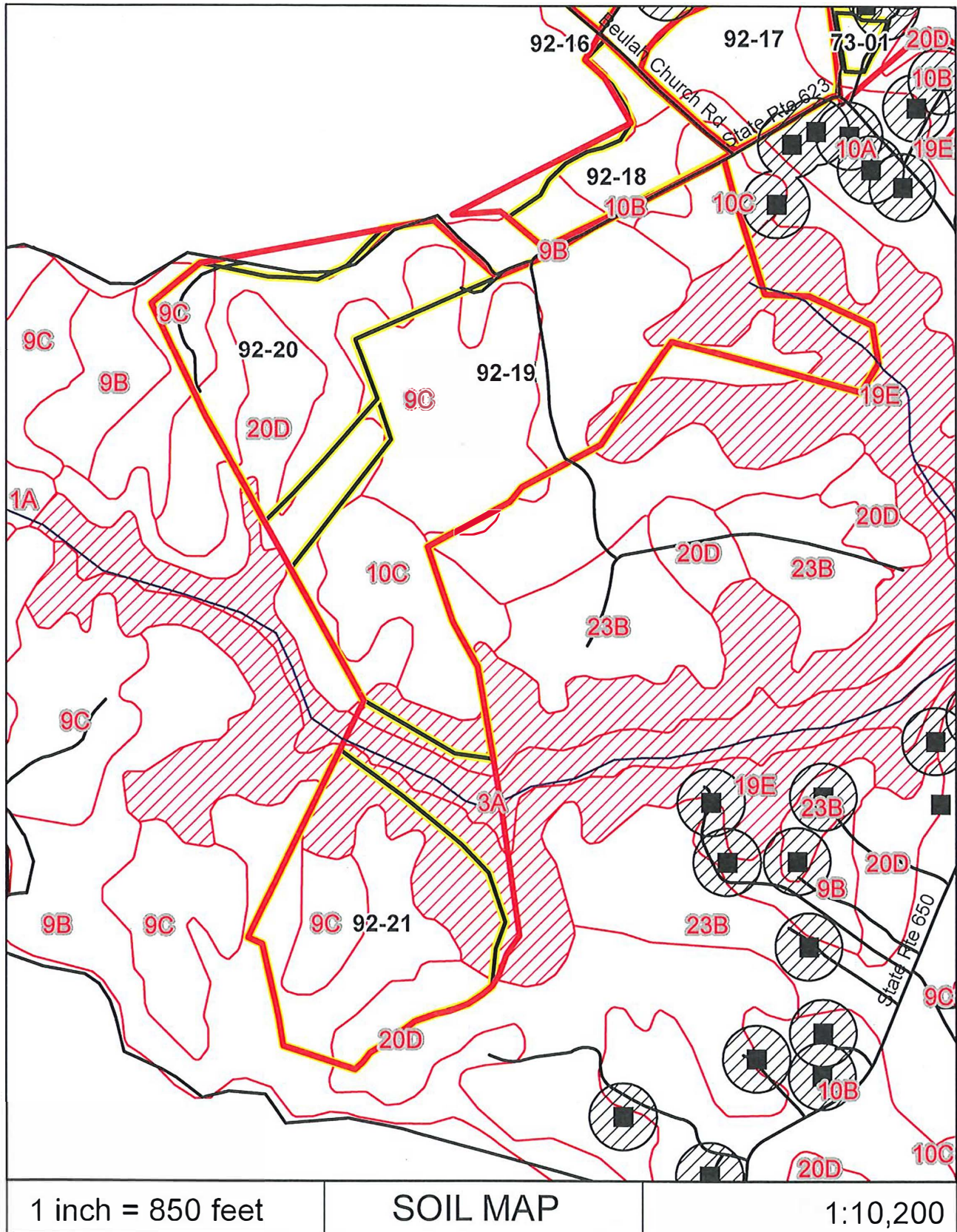
 Environmentally Sensitive Soils

Created 10/18/2022

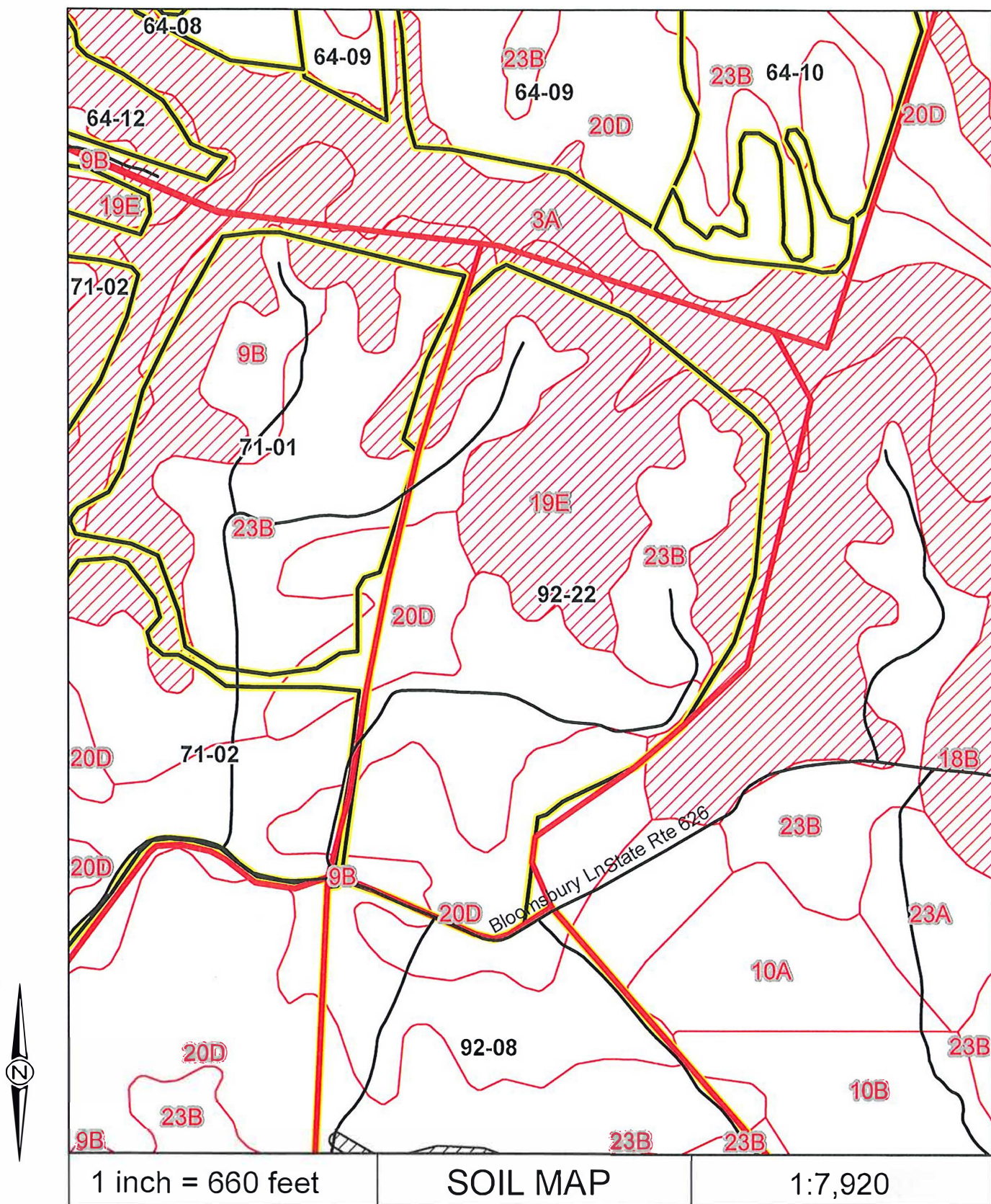








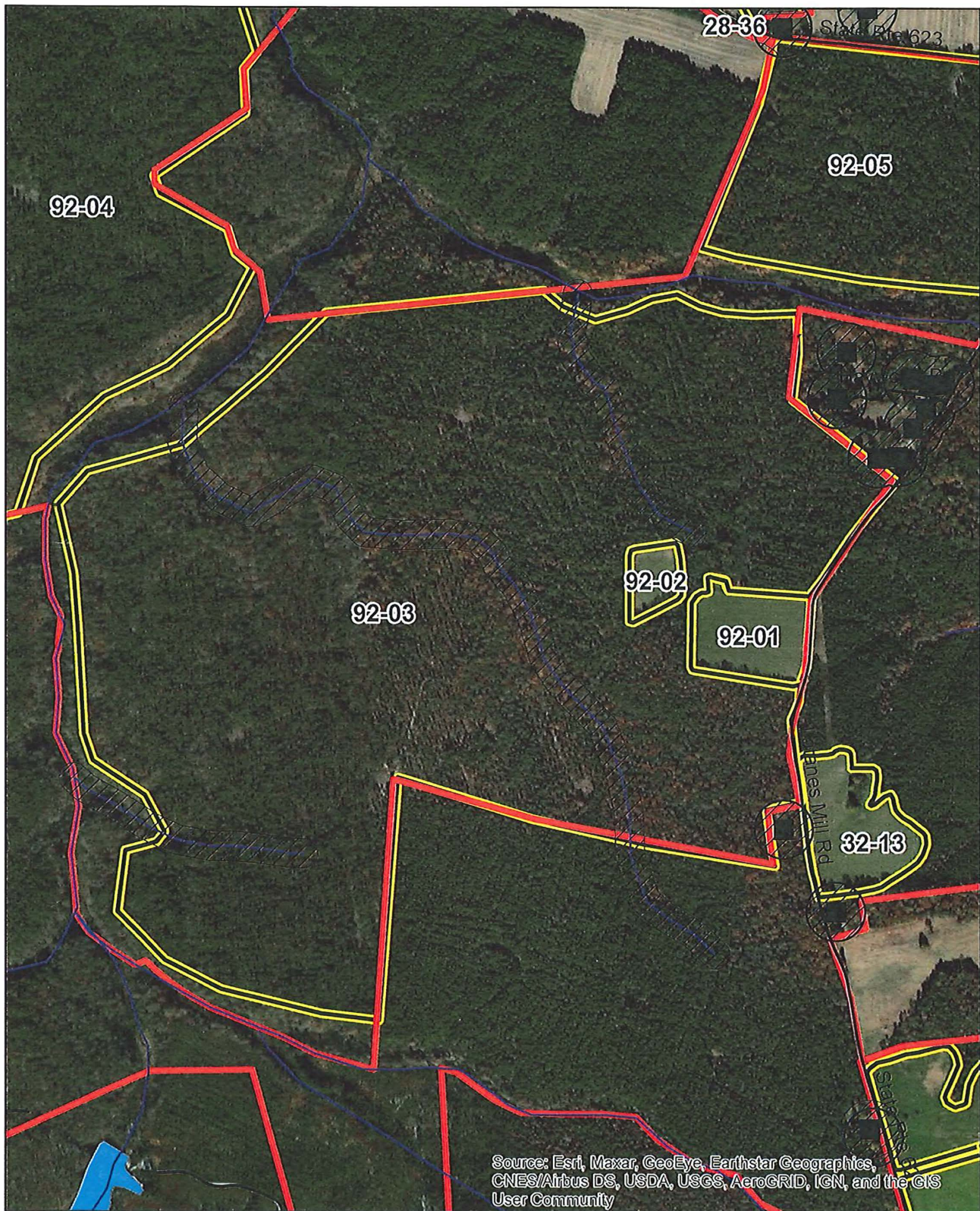




 Environmentally Sensitive Soils

Revised 11/02/2022





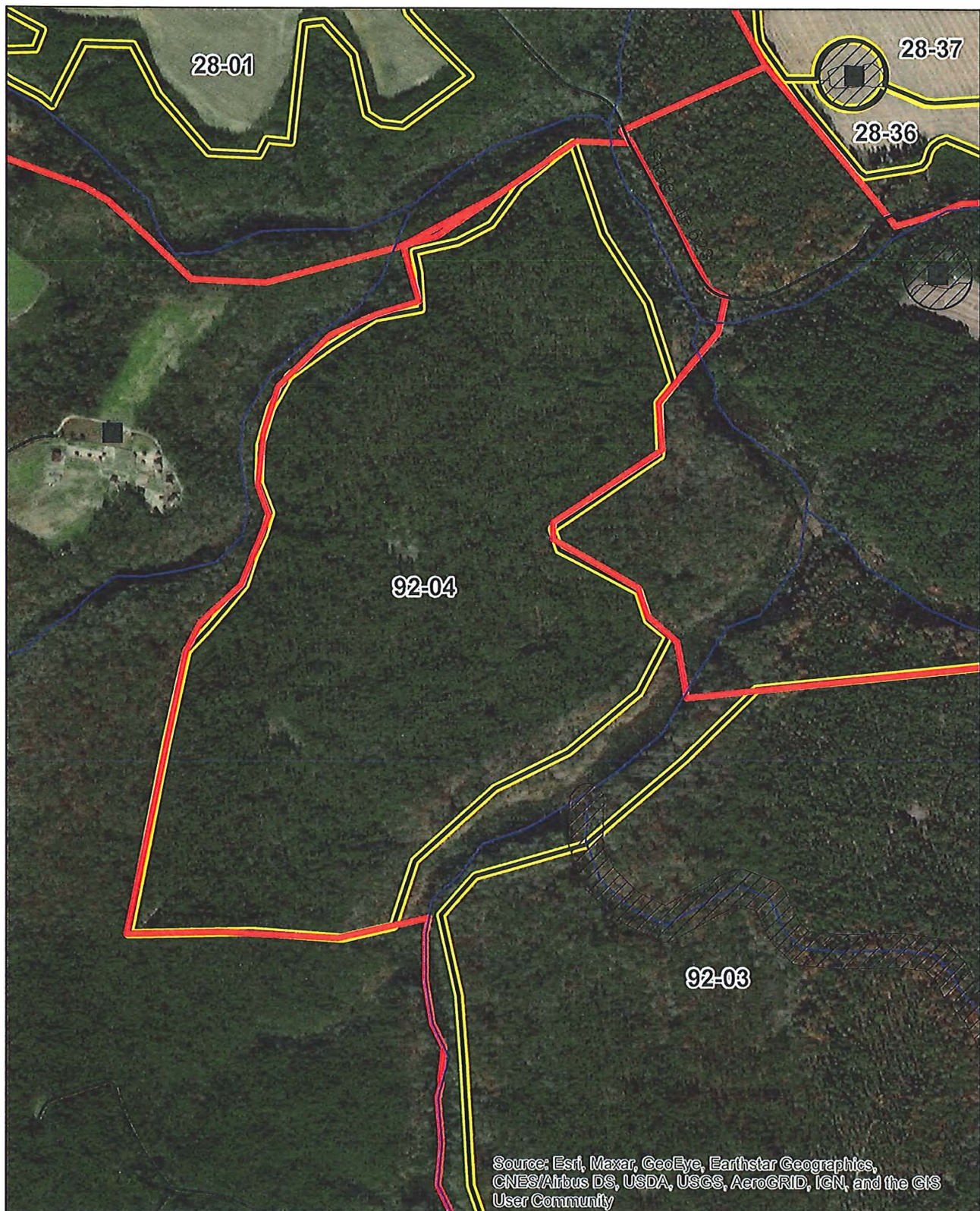
1 inch = 1,000 feet

AERIAL MAP

1:12,000

Created 10/18/2022





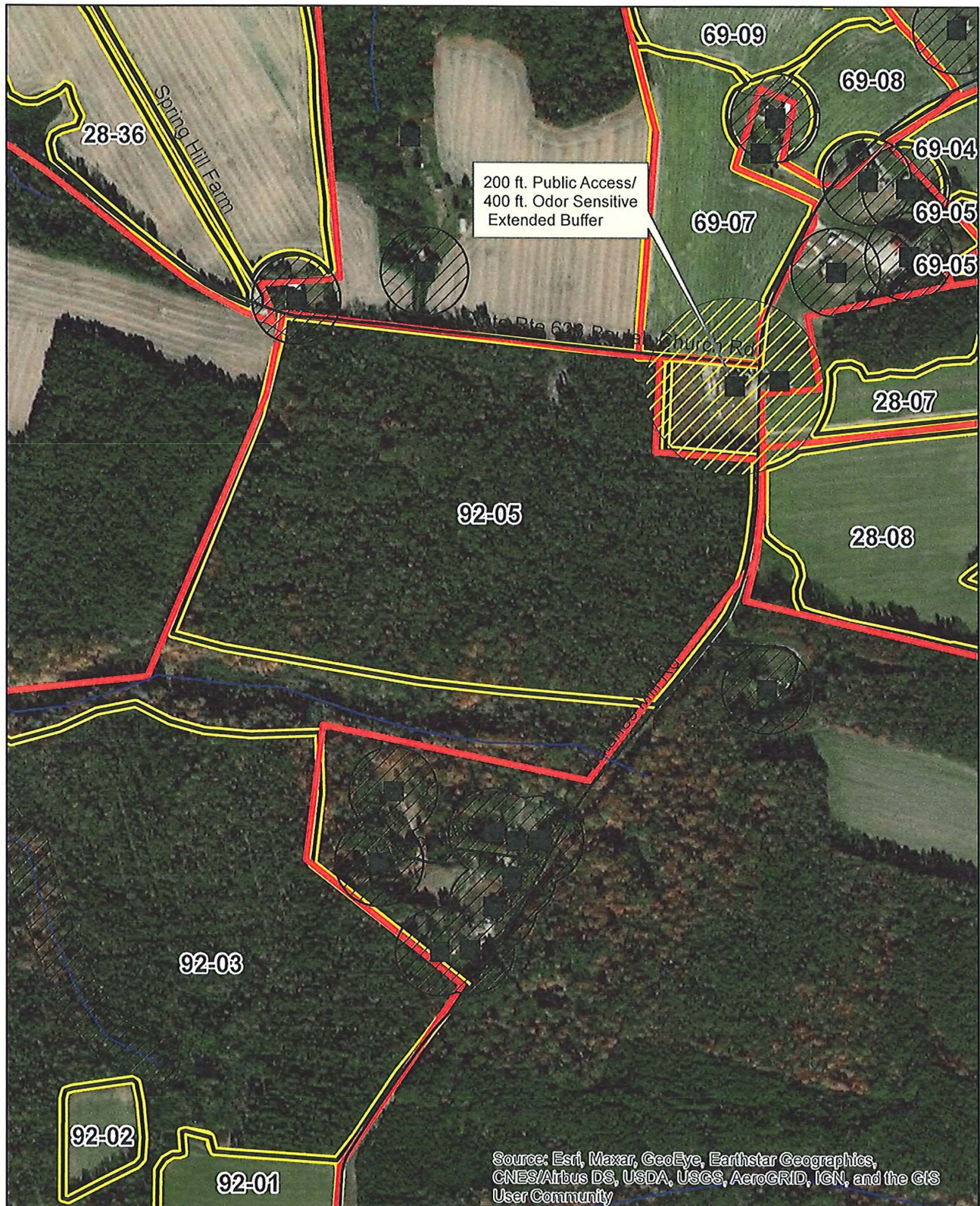
1 inch = 850 feet

AERIAL MAP

1:10,200

Created 10/18/2022





1 inch = 660 feet

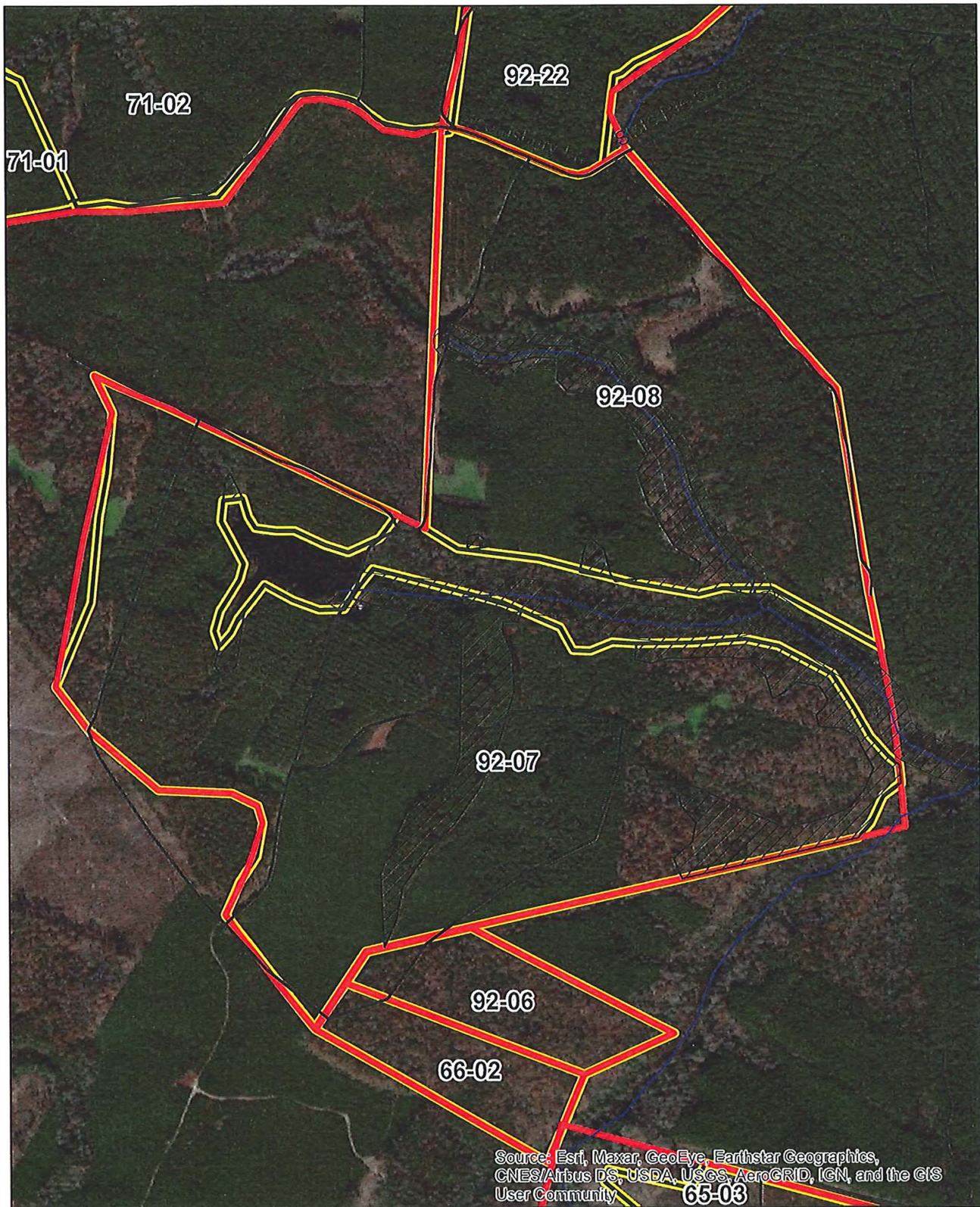
AERIAL MAP

1:7,920

EXTENDED SETBACK

Created 10/18/2022





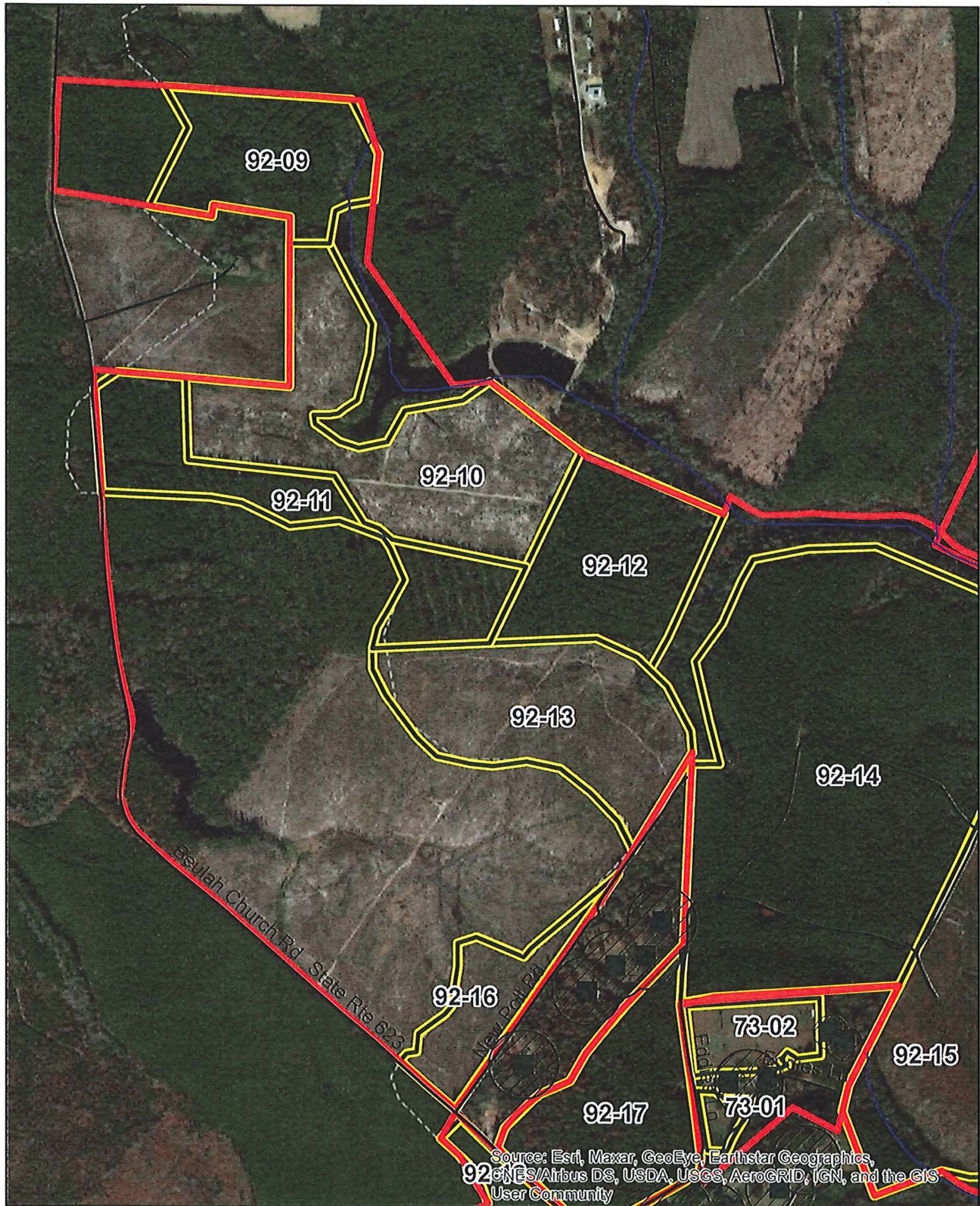
1 inch = 850 feet

AERIAL MAP

1:10,200

Revised 11/02/2022





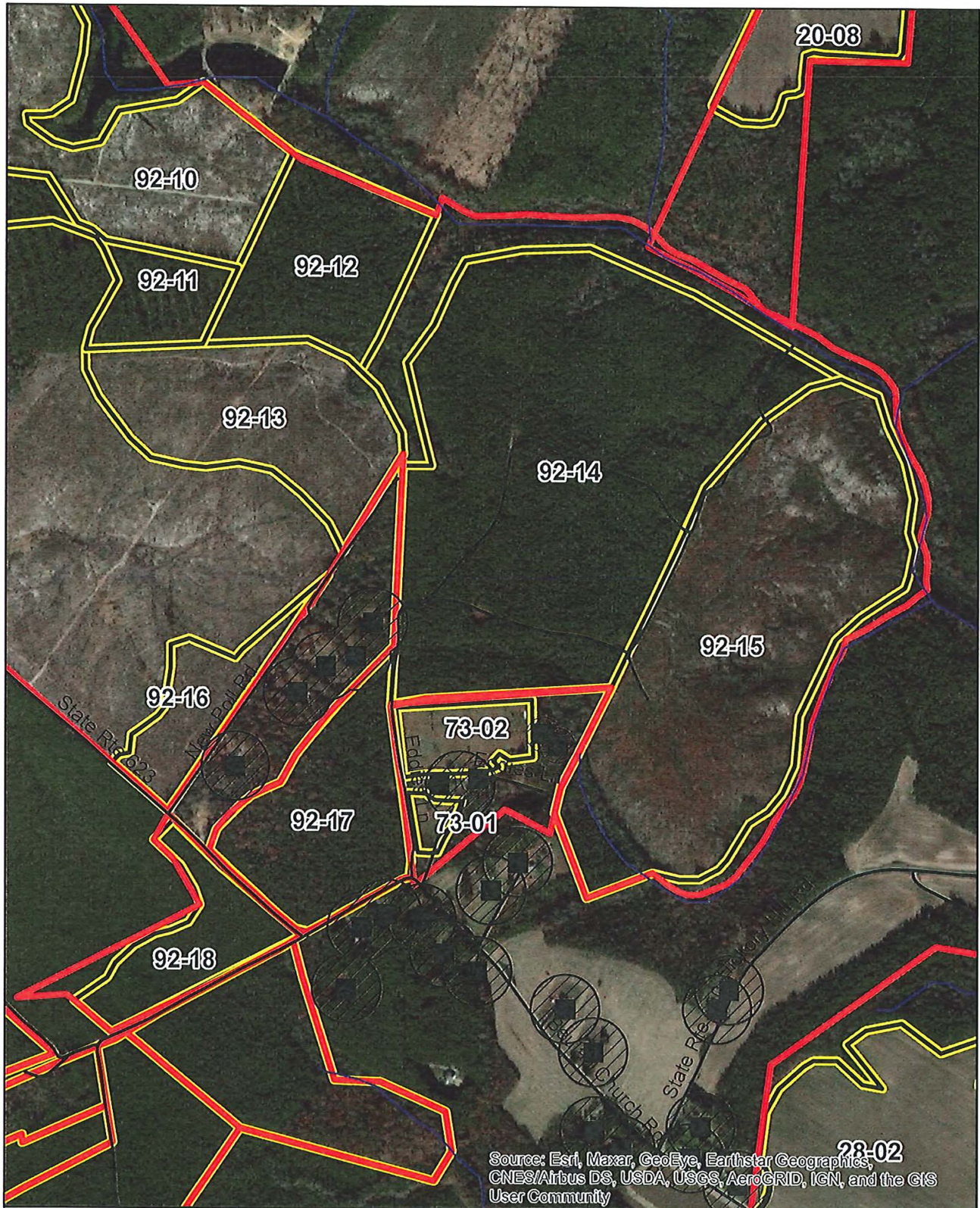
1 inch = 850 feet

AERIAL MAP

1:10,200

Created 10/18/2022





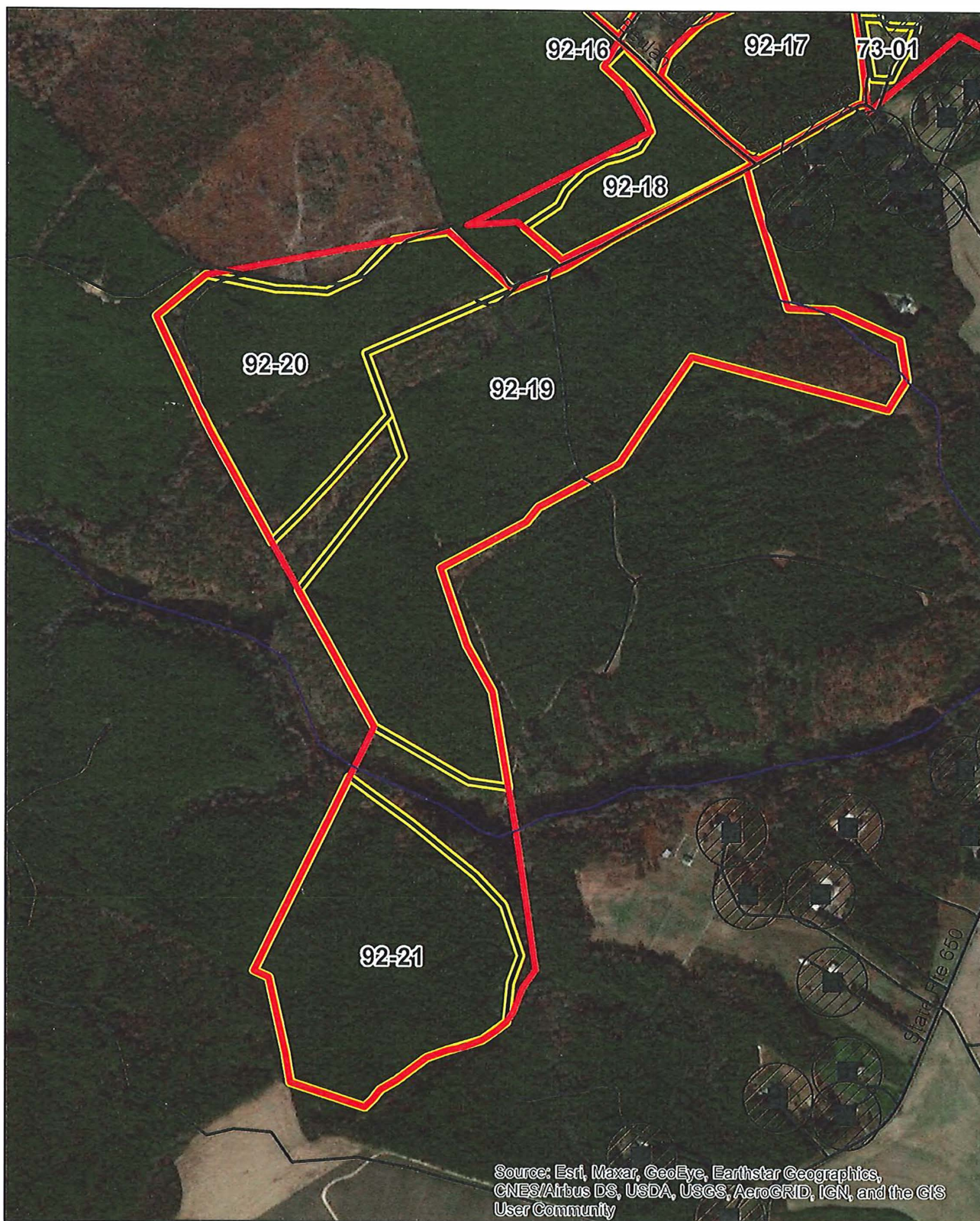
1 inch = 850 feet

AERIAL MAP

1:10,200

Created 10/18/2022





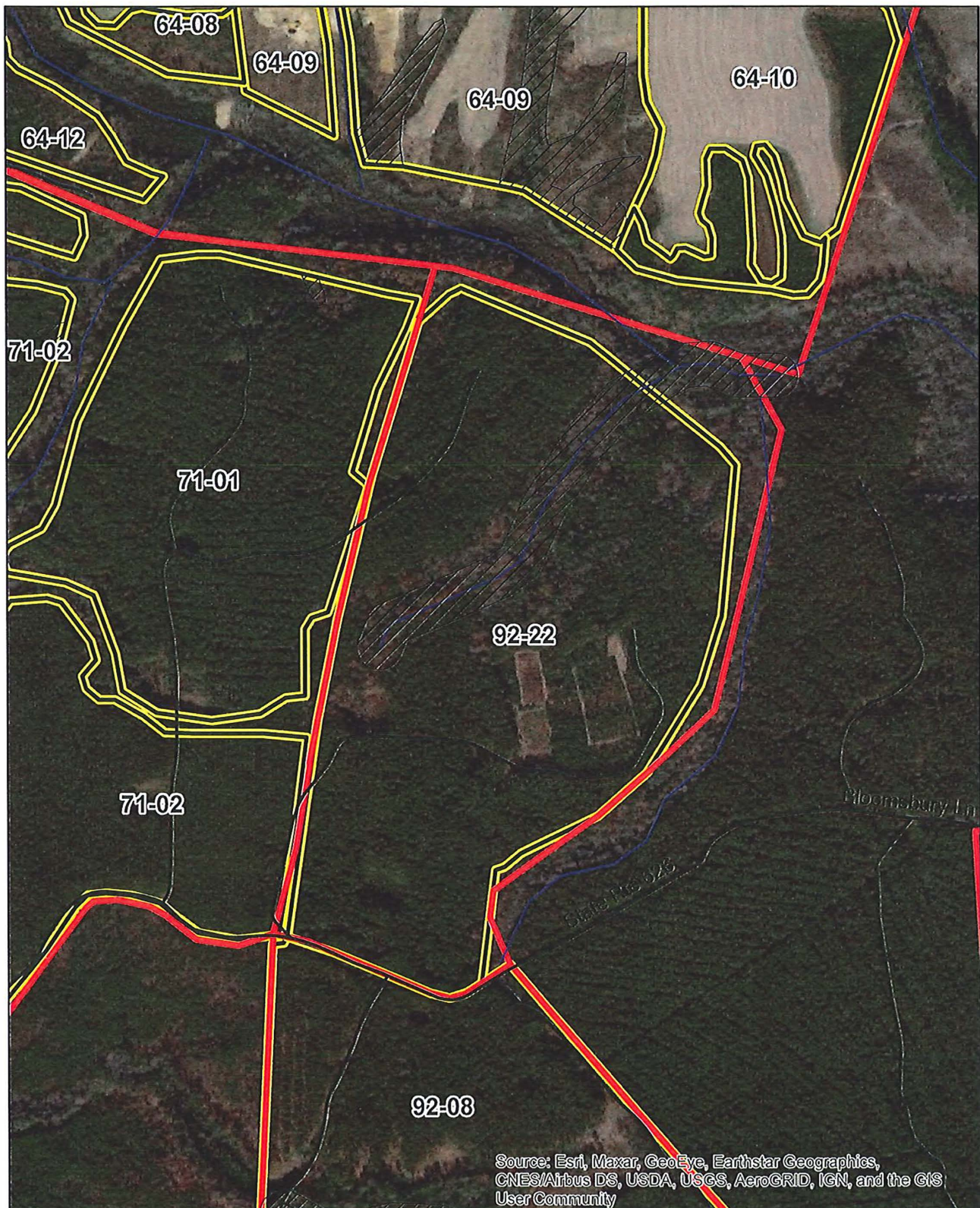
1 inch = 850 feet

AERIAL MAP

1:10,200

Created 10/18/2022





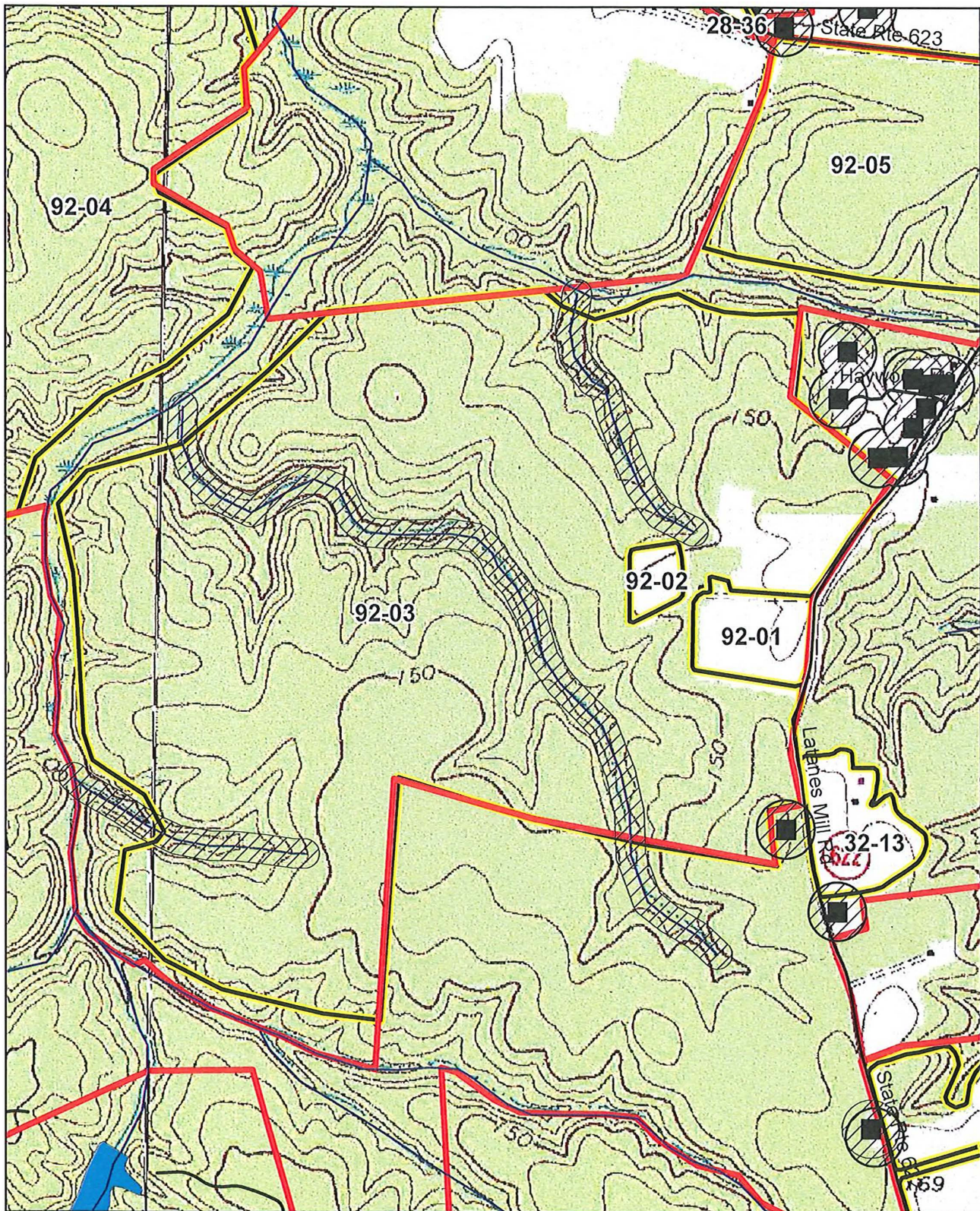
1 inch = 660 feet

AERIAL MAP

1:7,920

Revised 11/02/2022





1 inch = 1,000 feet

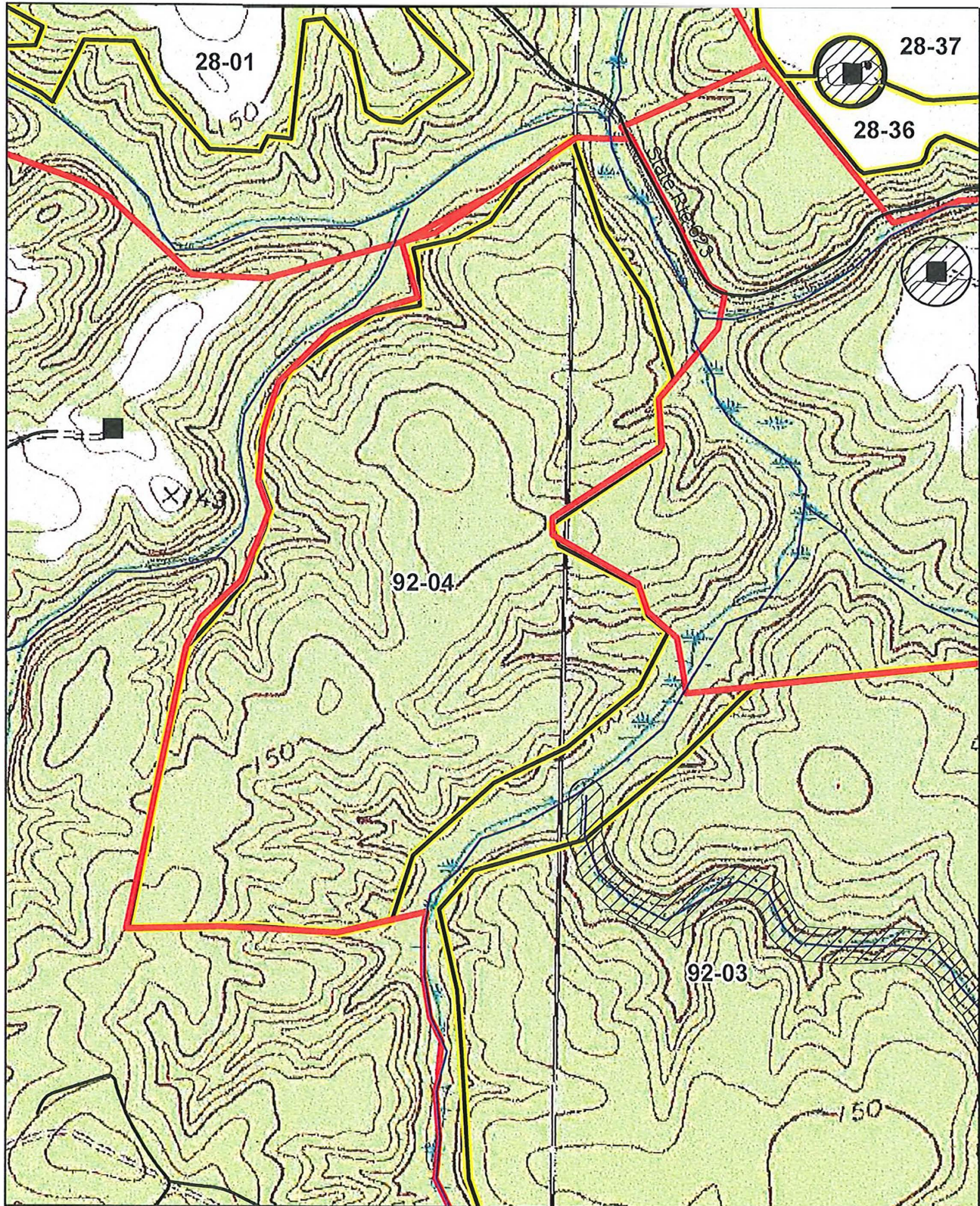
TOPO MAP

1:12,000

FIELD	ACRES
92-01	11.1
92-02	3.6
92-03	416.6

Created 10/18/22





1 inch = 850 feet

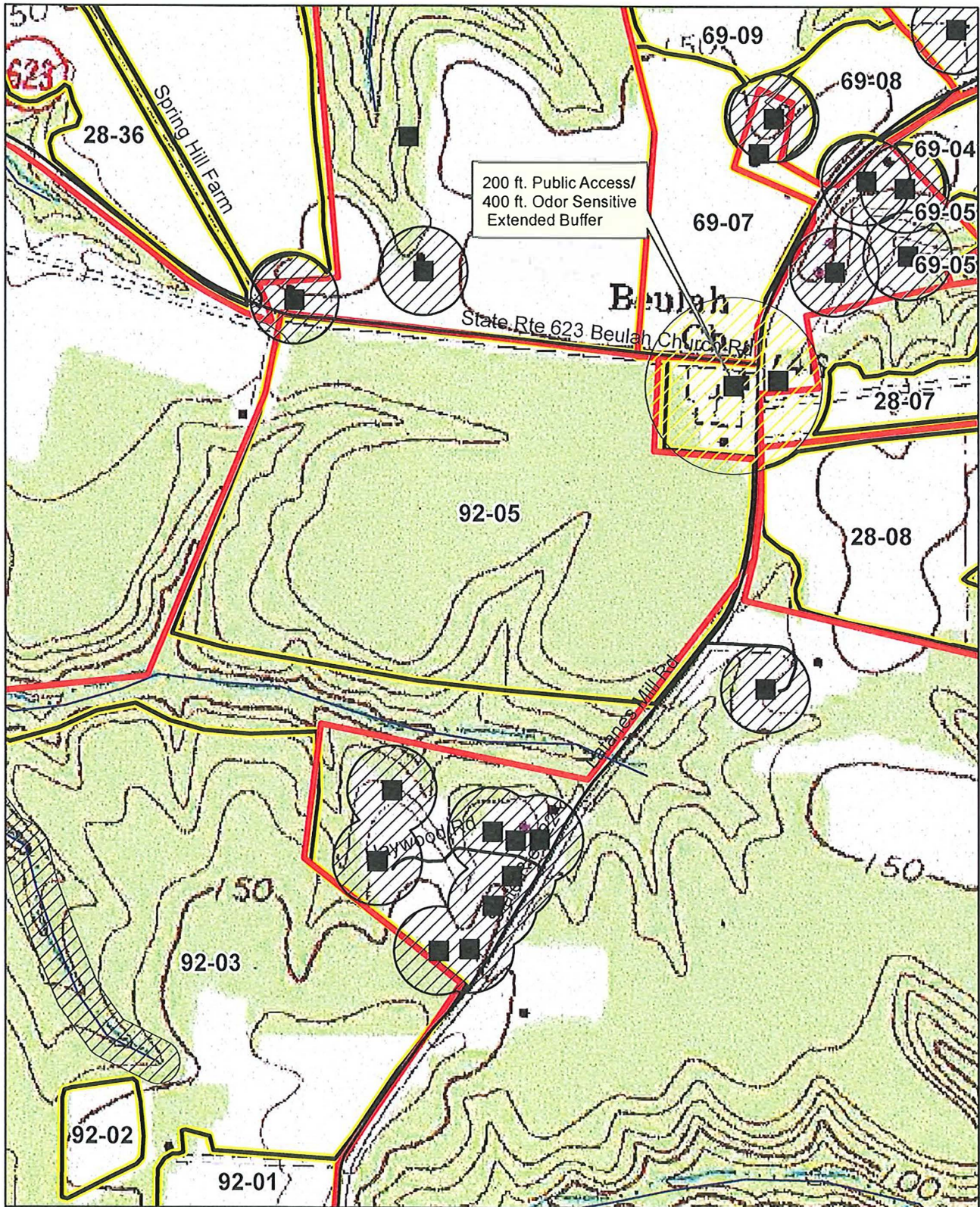
TOPO MAP

1:10,200

FIELD	ACRES
92-04	190.9

Created 10/18/2022





1 inch = 660 feet

TOPO MAP

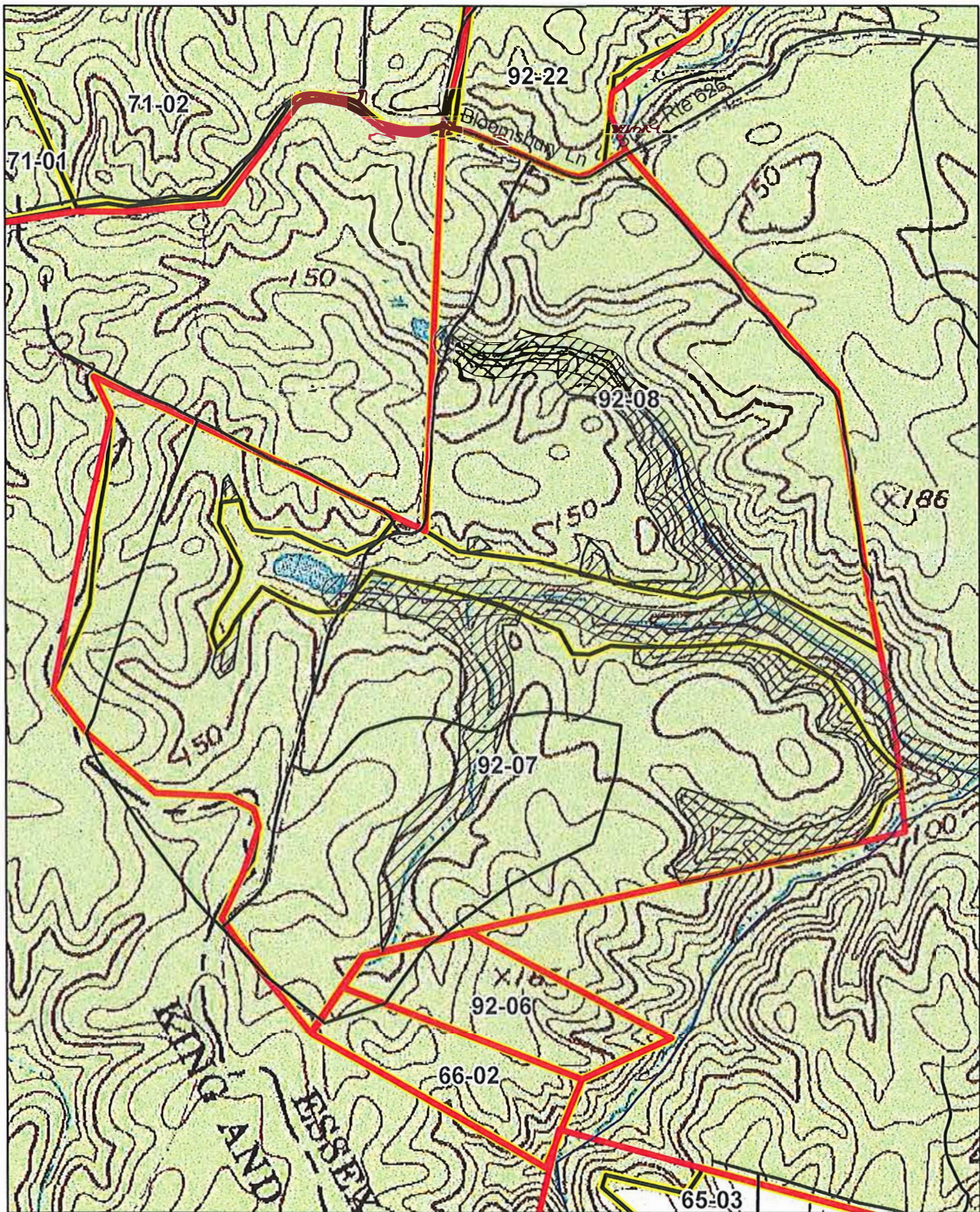
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**EXTENDED SETBACK**

FIELD	ACRES
92-05	78.1

Created 10/18/2022





1 inch = 850 feet

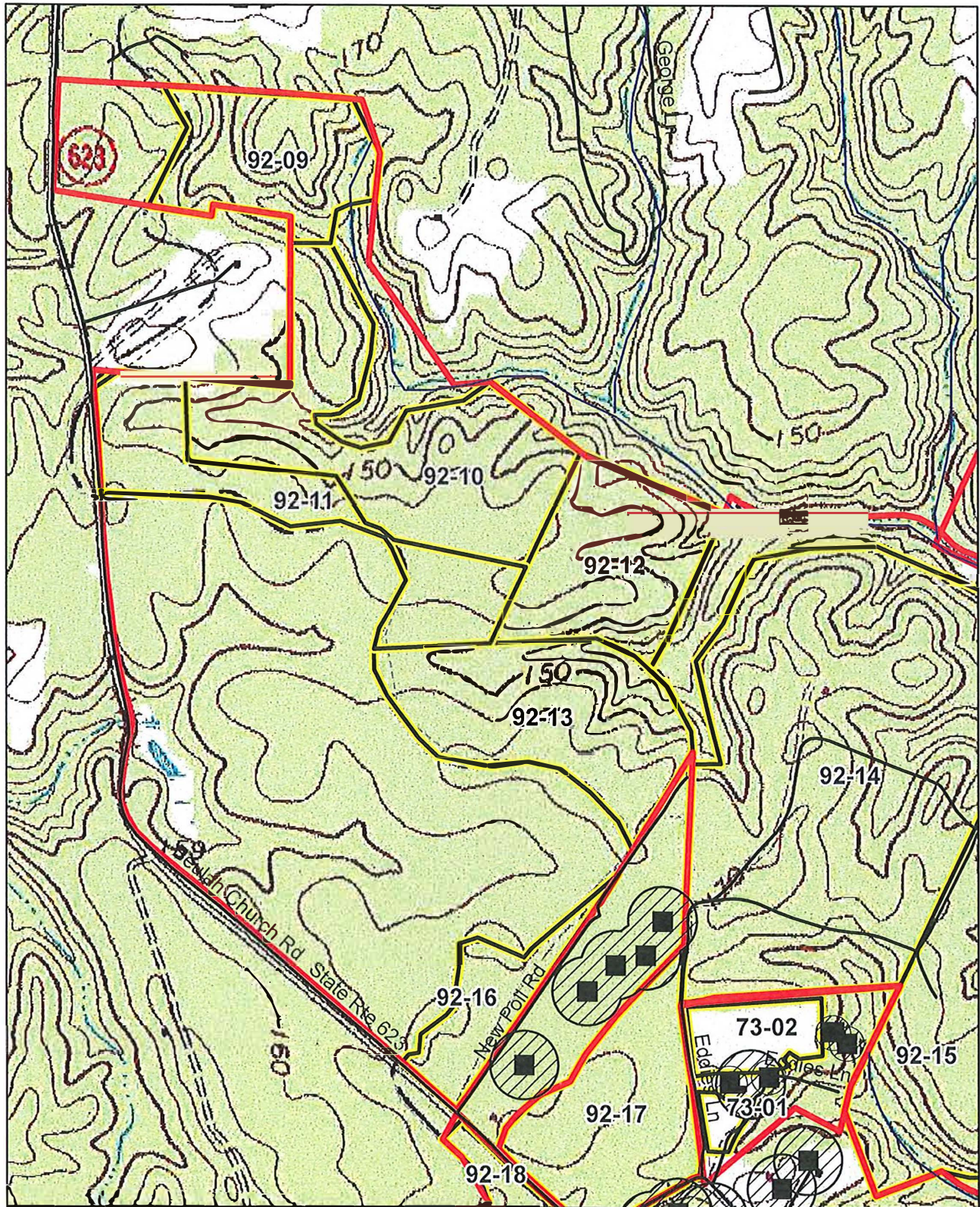
TOPO MAP

1:10,200

FIELD	ACRES
92-06	17.6
92-07	190.0
92-08	118.0

Revised 11/02/2022





1 inch = 850 feet

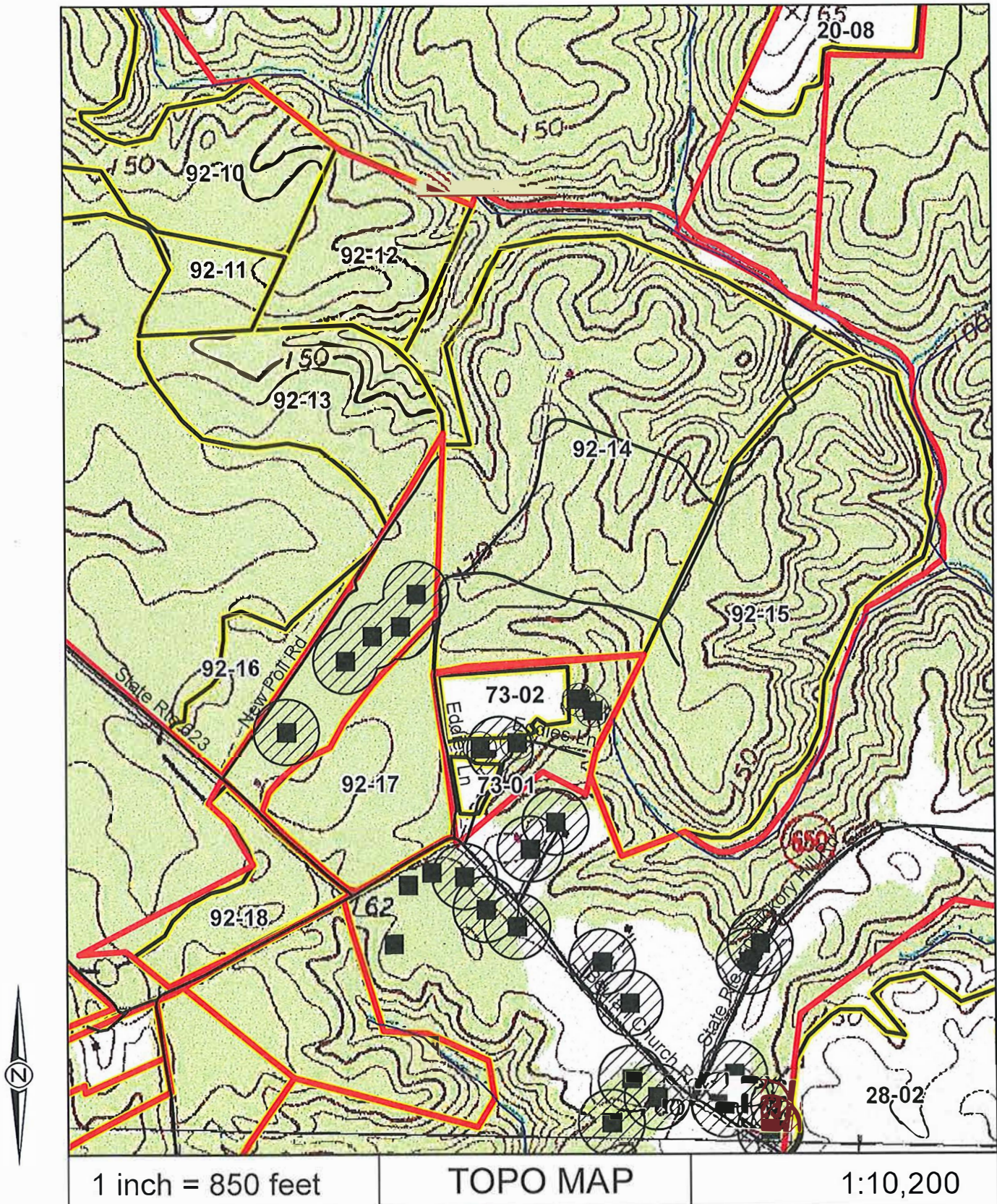
TOPO MAP

1:10,200

FIELD	ACRES	FIELD	ACRES
92-09	19.3	92-12	21.9
92-10	40.0	92-13	29.3
92-11	22.5	92-16	10.4

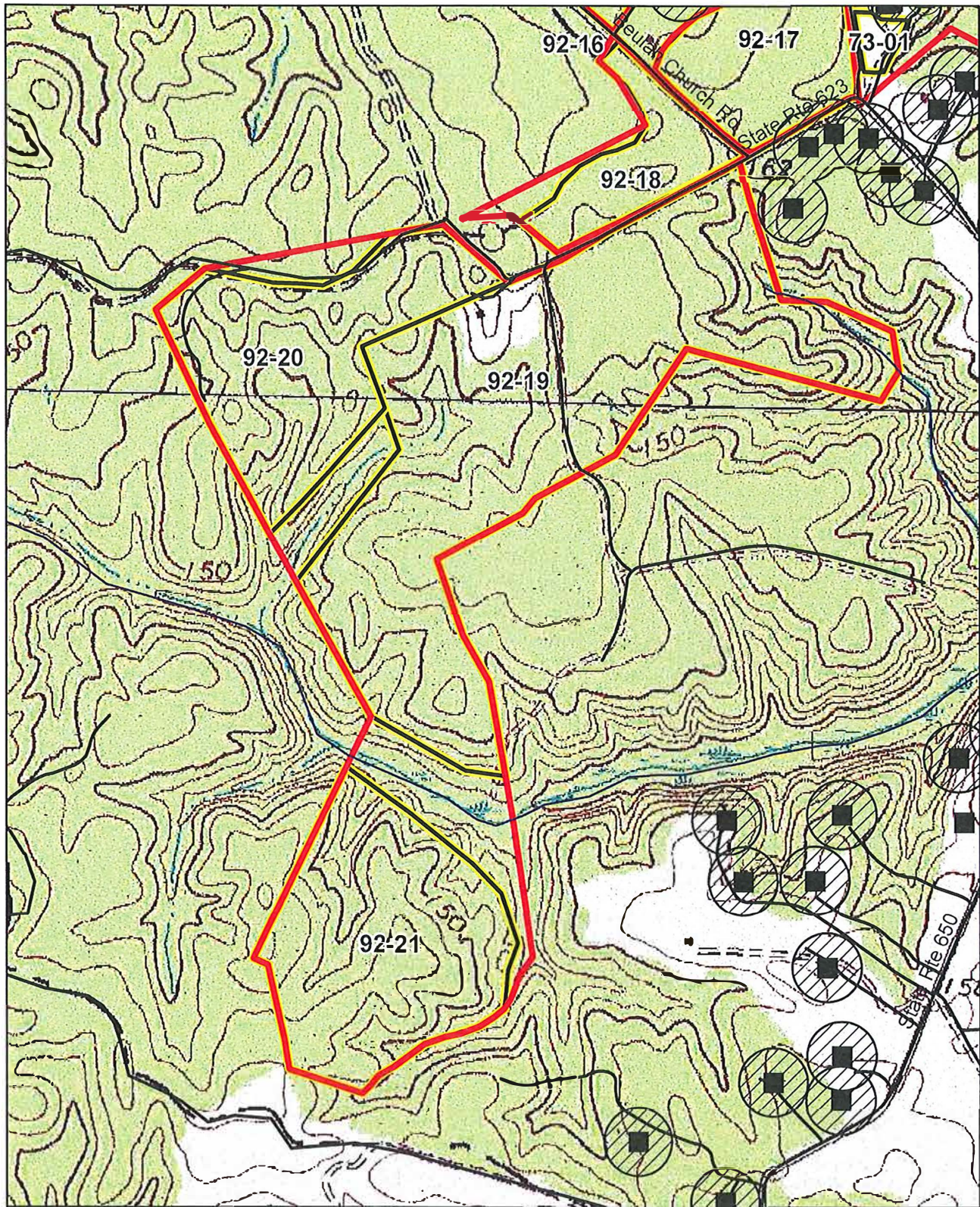
Created 10/18/2022





FIELD	ACRES	FIELD	ACRES
92-14	99.6	92-17	23.4
92-15	75.5	92-18	12.6





1 inch = 850 feet

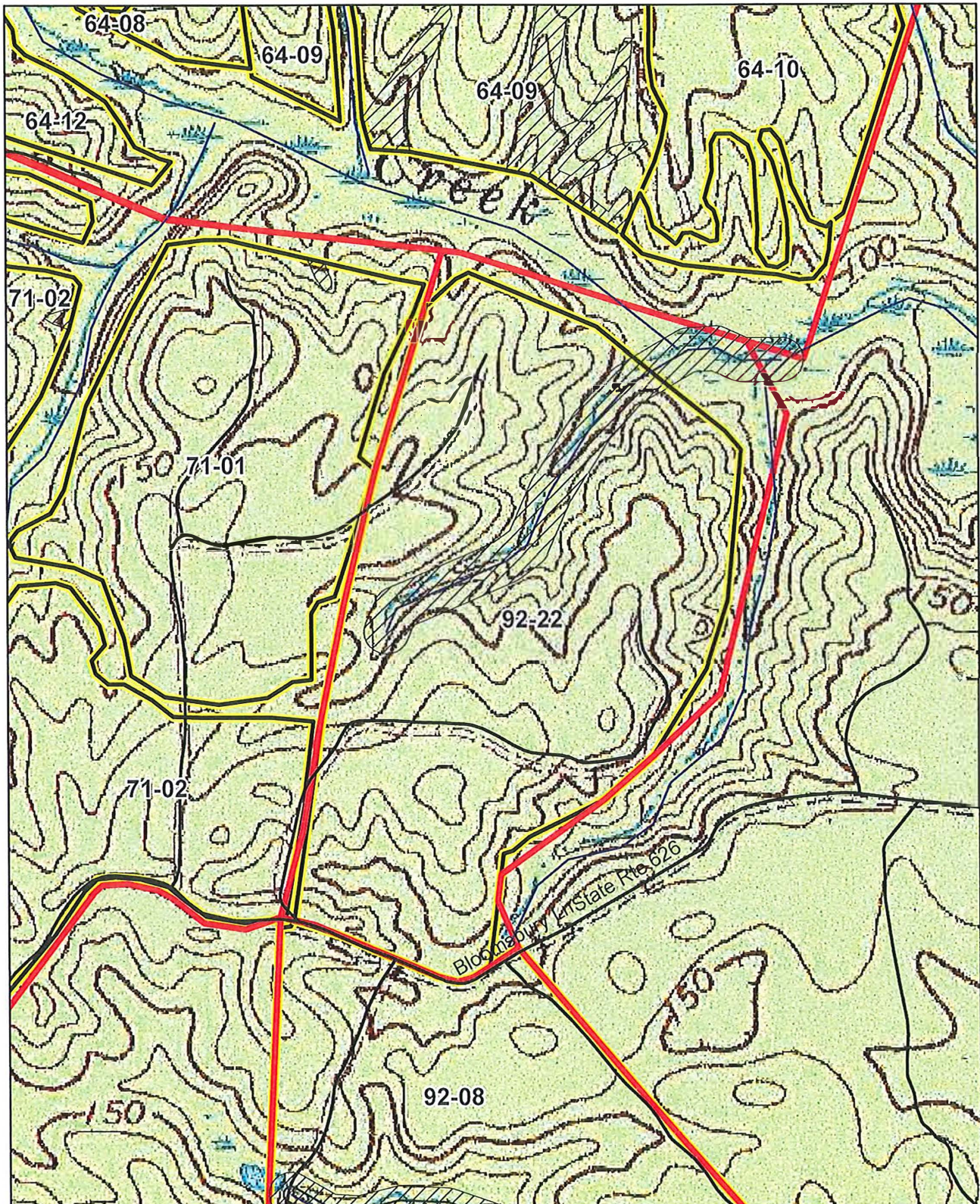
TOPO MAP

1:10,200

FIELD	ACRES
92-19	94.3
92-20	36.4
92-21	41.0

Created 10/18/2022





1 inch = 660 feet

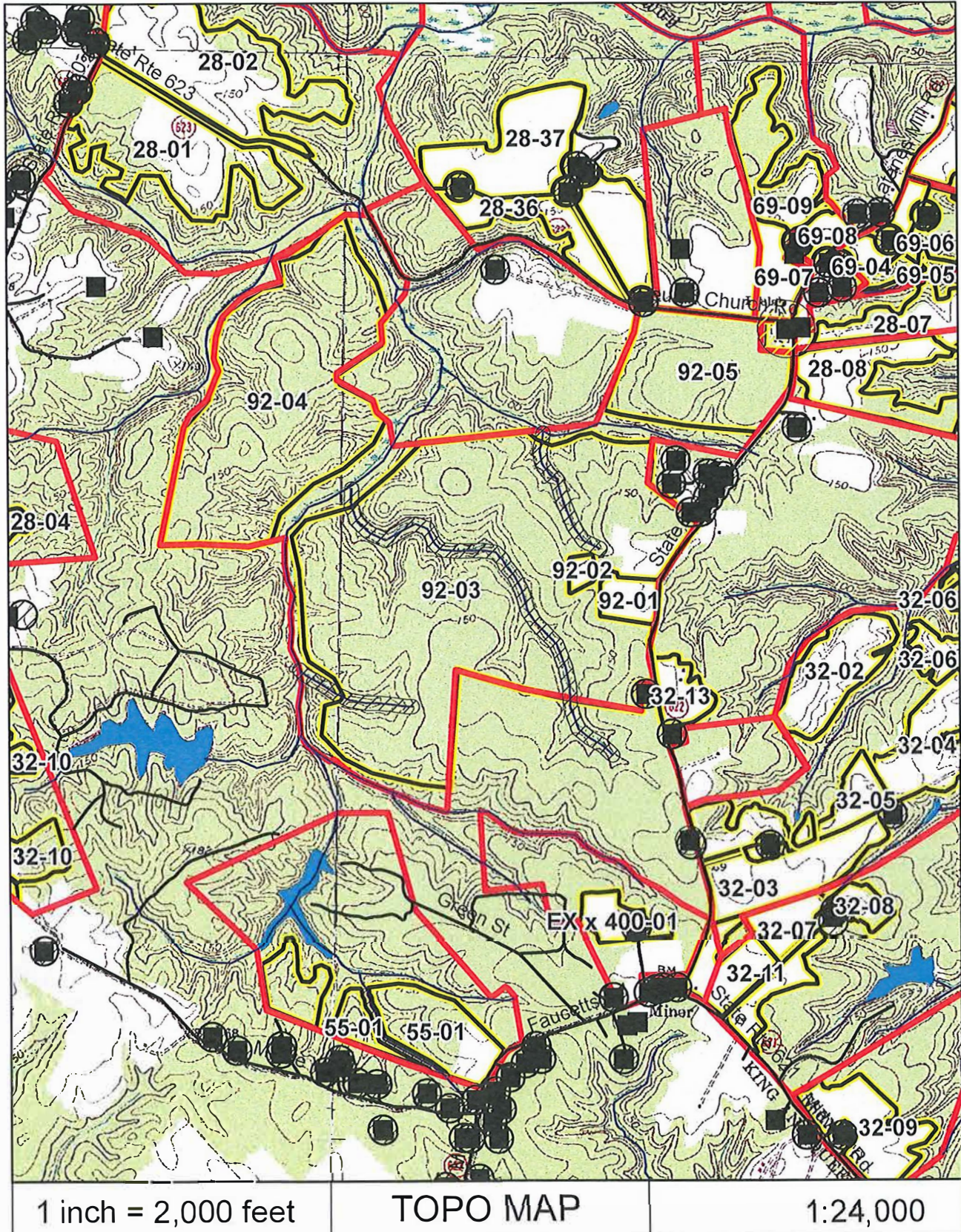
TOPO MAP

1:7,920

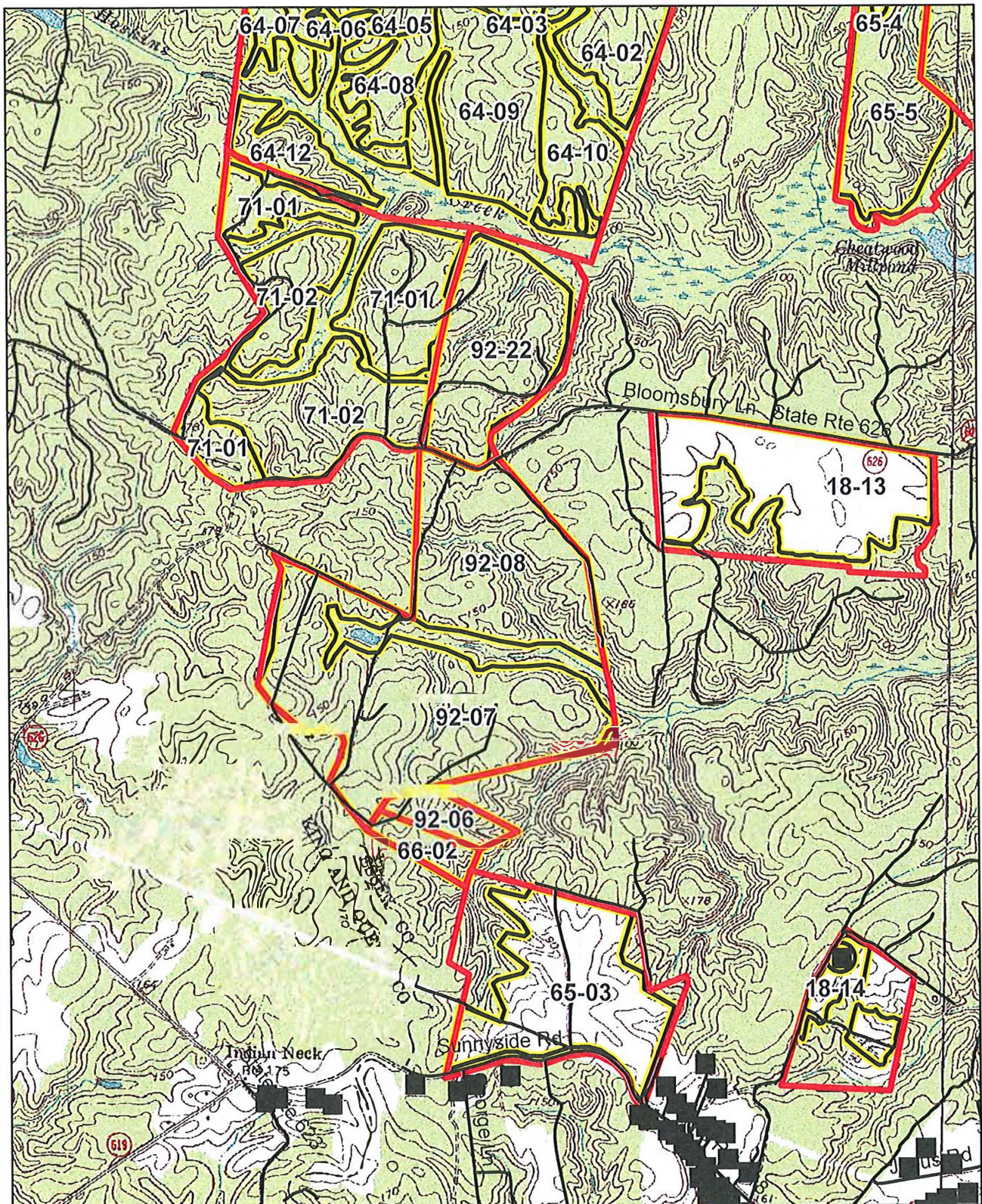
FIELD	ACRES
92-22	93.5

Revised 11/02/2022









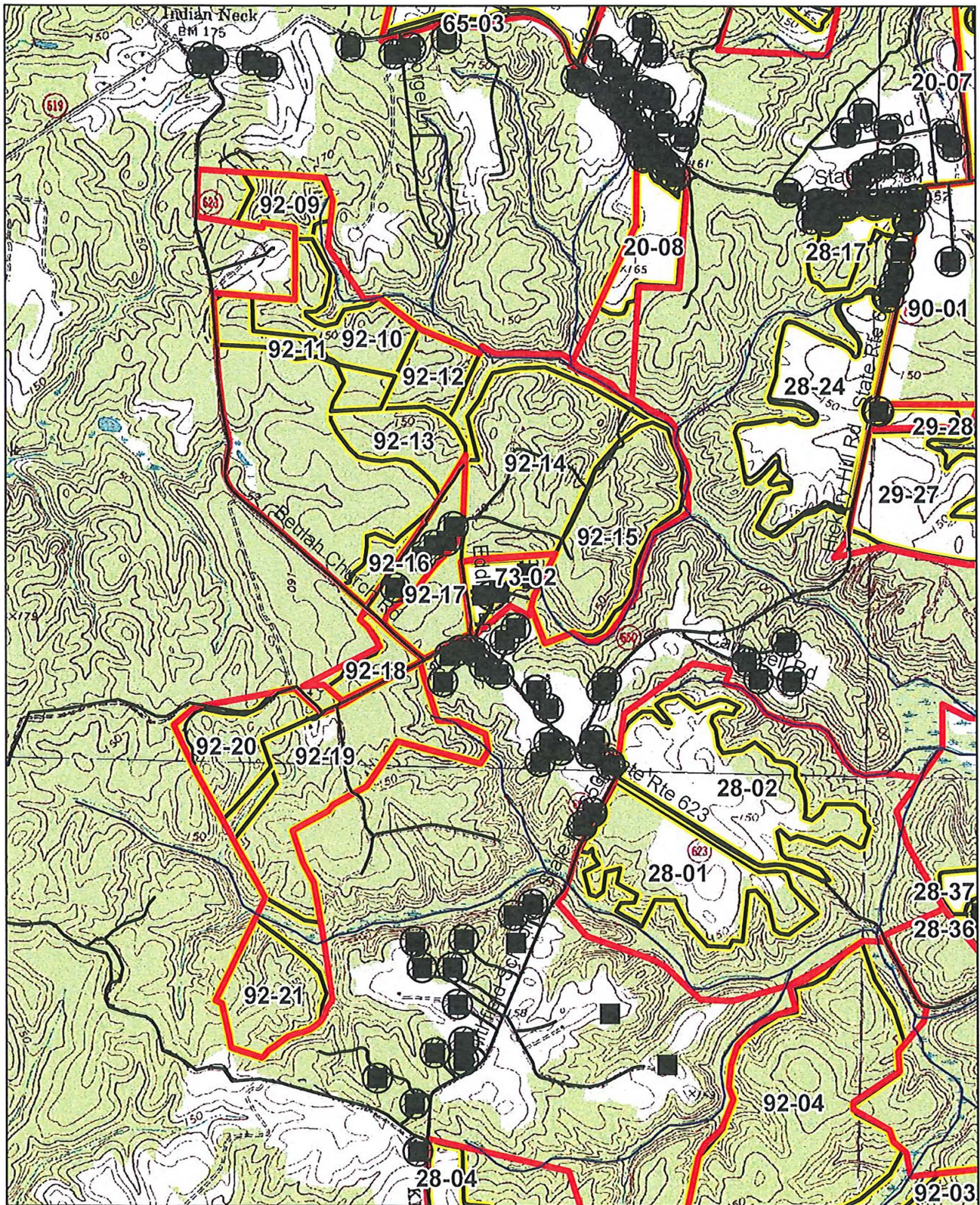
1 inch = 2,000 feet

TOPO MAP

1:24,000

Revised 11/02/2022



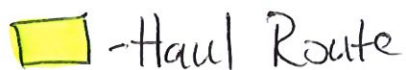


1 inch = 2,000 feet

TOPO MAP

1:24,000

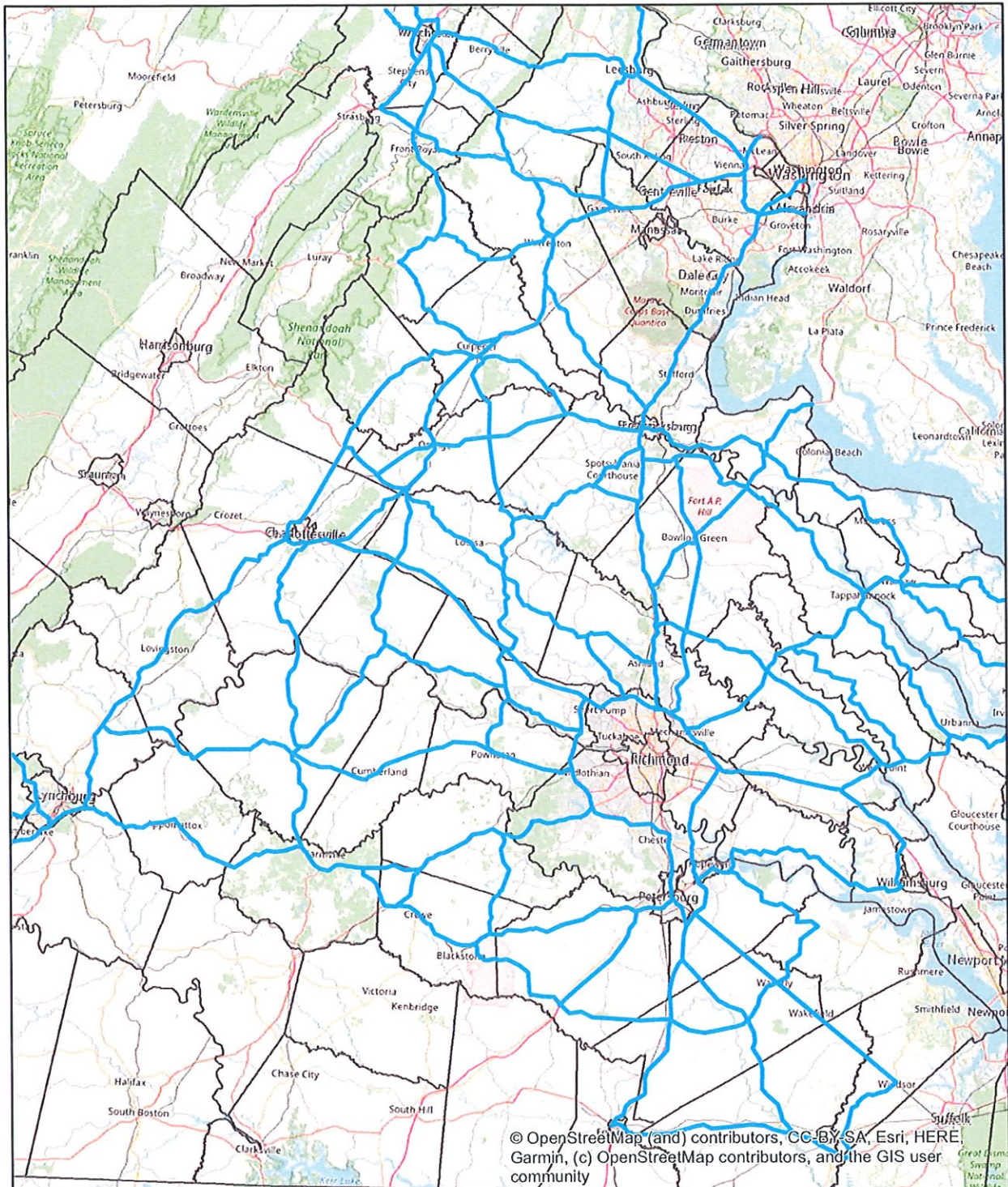




Revised 11/2/22



# SYNAGRO



Haul Route

## HAUL ROUTE MAP

1:1,500,000

This map highlights all major routes from approved generators to the locations of permitted sites. The Highlighted routes on the Location Map will pinpoint routes closer to the site.