

LAND APPLICATION OF BIOSOLIDS
TERRY DAVIS

EX 29 (FIELDS 5-8,16-25,27-31)
ESSEX COUNTY, VIRGINIA
SEPTEMBER 1, 2021



1681 Tappahannock Blvd
Tappahannock, VA 22560
www.synagro.com



SEPTEMBER 1, 2021

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 Terry Davis (designated as EX 29, fields 5-8,16-25,27-31), 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 "Hunter Davis". The signature is written in a cursive, flowing style.

Hunter Davis

Technical Services Specialist



FIELD SUMMARY SHEET

TERRY DAVIS

EX 29

SYNAGRO FIELD #	GROSS ACRES	NET ACRES	FSA TRACT #	FIELD TYPE	OWNER
29-05	22.4	22.4		Agriculture	William T. Davis & Ellen B R/S Sidney Wayne Allen Trustee
29-06	20.0	20.0		Agriculture	William T. Davis & Ellen B R/S Sidney Wayne Allen Trustee
29-07	57.1	57.1		Siviculture	William T. Davis & Ellen B R/S Sidney Wayne Allen Trustee
29-08	30.1	30.1		Agriculture	Juanita S Davis
29-16	72.7	72.7		Agriculture	William Terry & Ellen B Davis R/S William T. Davis Et Ux Juanita S Davis
29-17	69.5	69.5		Agriculture	William Terry & Ellen B Davis R/S William T. Davis Et Ux Juanita S Davis
29-18	35.0	35.0		Agriculture	William T & Ellen B Davis R/S
29-19	12.6	12.6		Agriculture	William T & Ellen B Davis R/S
29-20	13.8	13.8		Agriculture	William T & Ellen B Davis R/S
29-21	29.2	29.2		Agriculture	William Peyton & Ellen B Davis
29-22	27.2	27.2		Agriculture	William T & Ellen B Davis R/S
29-23	22.2	22.2		Agriculture	William T & Ellen B Davis R/S
29-24	17.6	17.6		Agriculture	William T & Ellen B Davis R/S
29-25	14.2	14.2		Agriculture	William T & Ellen B Davis R/S
29-27	78.2	78.2		Agriculture	William Terry & Ellen Baxley Davis R/S
29-28	23.0	23.0		Agriculture	William Terry & Ellen Baxley Davis R/S
29-29	21.4	21.4		Siviculture	William T & Ellen B Davis R/S
29-30	49.5	49.5		Agriculture	William T & Ellen B Davis R/S
29-31	27.4	27.4		Agriculture	William T & Ellen B Davis R/S
TOTALS:	643.1	643.1			

11/16/2022

SYNAGRO

VIRGINIA REQUEST AND CONSENT FOR BIOSOLIDS

FARM OPERATOR: WILLIAM T DAVIS PHONE: (804) 445-5438

ADDRESS: _____

FARM LOCATION: _____

FSA TRACT #: _____

TOTAL ACRES: _____ COUNTY: _____

CROPS: _____

1. I agree to be responsible for adhering to the following conditions, where applicable:
 - a. The soil pH will be adjusted ≥ 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 ≥ 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

William T Davis

8/25/2021
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 11/22/22 between William T Davis & Ellen B R/S, Sidney Wayne Allen Trustee 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
43-21			

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

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

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

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

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

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

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

Printed Name: William T Davis & Ellen B R/S, Sidney Wayne Allen Trustee By: Sidney Wayne Allen Title* <u>Trustee</u>	Mailing Address <u>603 RIVER Rd</u> <u>Newport News Va 23601</u> Phone No <u>757-592-6164</u>	Landowner Signature
<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 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.

Printed name <u>Wayne T. Webb Jr.</u> Title: Technical Services Manager	Mailing Address: 1681 Tappahannock Blvd Tappahannock, VA 22560 Phone No. 804-443-2170	Permittee- Authorized Representative Signature
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VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Synagro Central, LLC County or City: Essex

Landowner: William T Davis & Ellen B R/S. Sidney Wayne Allen Trustee

Landowner Site Management Requirements:

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

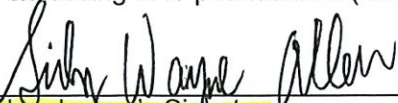
I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

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

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

Following biosolids application to pasture or hayland sites:

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


Landowner's Signature

11/27/22
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 11/28/22 between William T Davis & Ellen B R/S, Sidney Wayne Allen Trustee 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
43-21			

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

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

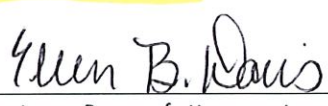
In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

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

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

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


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

Printed Name: William T Davis & Ellen B R/S, Sidney Wayne Allen Trustee	Mailing Address PO Box 1588 Tappahannock, VA 22560	Landowner Signature 
By: <u>Ellen B Davis</u>		
Title*	Phone No. 804-445-5438	
<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 [§10.1-104.2 of the Code of Virginia](#).

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

Printed name 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, LLC County or City: Essex

Landowner: William T Davis & Ellen B R/S. Sidney Wayne Allen Trustee

Landowner Site Management Requirements:

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

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

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

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

Ellen B. Davis
Landowner's Signature

11/28/22
Date

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

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

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43-21			

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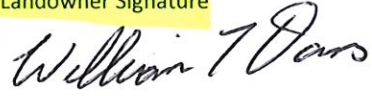
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<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/>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

Printed Name: William T Davis & Ellen B R/S, Sidney Wayne Allen Trustee	Mailing Address PO Box 1588 Tappahannock, VA 22560	Landowner Signature 
By: William T Davis		
Title*	Phone No. 804-445-5438	
* <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:

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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, LLC County or City: Essex

Landowner: William T Davis & Ellen B R/S. Sidney Wayne Allen Trustee

Landowner Site Management Requirements:

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

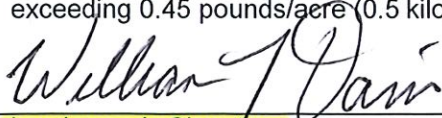
I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

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

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

Following biosolids application to pasture or hayland sites:

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


Landowner's Signature

11/28/22
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 9/21/2021 between William Peyton Davis & Ellen B Davis 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			
<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>
50-3-5			
50-48			

☐ 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.

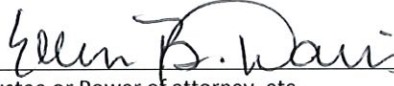
In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

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 <u>William Peyton Davis & Ellen B Davis</u> By: <u>Ellen B Davis</u>	Mailing Address 1062 Fountain Run Rd Tappahannock, Va 22560	Landowner Signature 
Title* <u>Owner</u>	Phone No. <u>804-445-5438</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 [§10.1-104.2 of the Code of Virginia](#).

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

Printed name <u>Hunter Davis.</u>	Mailing Address: 1681 Tappahannock Blvd, Tappahannock, VA 22560	Permittee- Authorized Representative Signature 
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: William Peyton Davis & Ellen B Davis

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).

Ellen B. Davis
Landowner's Signature

9/21/2021
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 8/25/2021 between William Peyton Davis & Ellen B. Davis 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
50-3-5			
50-48			

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

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

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

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

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

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

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

Printed name <u>William Peyton Davis & Ellen B. Davis</u> By: <u>William Peyton Davis</u> Title* <u>Owner</u>	Mailing Address <u>P.O. Box 1588 Tappahannock, VA</u> Phone No. <u>804-445-3961</u>	Landowner Signature
<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 [§10.1-104.2 of the Code of Virginia](#).

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

Printed name <u>Hunter Davis.</u> Title Technical Services Specialist	Mailing Address: <u>1681 Tappahannock Blvd, Tappahannock, VA 22560</u> Phone No. <u>443-2170</u>	Permittee- Authorized Representative Signature
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VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: SYNAGRO CENTRAL LLC County or City: ESSEX

Landowner: William Peyton Davis & Ellen B. Davis

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:

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 - 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.
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Following biosolids application to pasture or hayland sites:

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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).

William Peyton Davis

Landowner's Signature

8/25/2021

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 8/25/2021 between William T. Davis Et Ux 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

<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>
34-61A			

☐ 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.

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

Printed name <u>William T. Davis Et UX</u>	Mailing Address <u>1062 Fountain Run Rd</u> <u>Tappahannock, VA 22560</u>	Landowner Signature 
By: <u>William T. Davis</u>	Phone No. <u>804-445-5438</u>	
<p>* <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.</p> <p>* <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.</p>		

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](#).

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

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

Permittee: SYNAGRO CENTRAL LLC County or City: ESSEX

Landowner: William T. Davis Et Ux

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.

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Landowner's Signature

Date

8/25/2021

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

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

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Landowner:

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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
34-61A			

☐ 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.

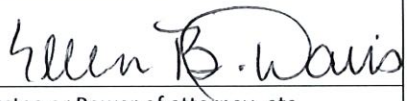
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<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/>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

Printed name <u>William T. Davis Et Ux</u> By: <u>Ellen B Davis</u>	Mailing Address <u>1062 Fountain Run Rd</u> <u>Tappahannock, Va 22560</u>	Landowner Signature 
Title* <u>owner</u>	Phone No. <u>804-445-5438</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 [§10.1-104.2 of the Code of Virginia](#).

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

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

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

Permittee: SYNAGRO CENTRAL LLC County or City: ESSEX

Landowner: William T. Davis Et Ux

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).

William T. Davis
Landowner's Signature

9/21/2021
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 8/25/2021 between William Terry Davis & Ellen Baxley Davis R/S 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
34-56			

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

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

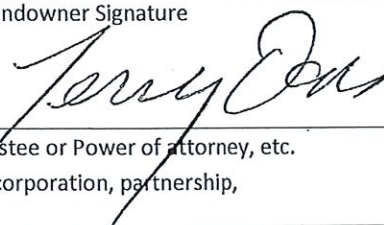
In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

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

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

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


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

Printed name <u>William Terry Davis & Ellen Baxley Davis R/S</u>	Mailing Address <u>1062 Fountain Run Rd.</u>	Landowner Signature 
By: <u>William Terry Davis</u>	<u>Tappahannock, VA 22560</u>	
Title* <u></u>	Phone No. <u>804-445-5438</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 §10.1-104.2 of the Code of Virginia.

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

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

Permittee: SYNAGRO CENTRAL LLC County or City: ESSEXLandowner: William Terry Davis & Ellen Bailey Davis R/S**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

Date

8/25/2021

**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 9/21/2021 between William Terry Davis & Ellen Baxley Davis R/S 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
34-56			

☐ 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.

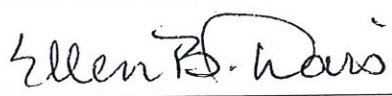
In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

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.

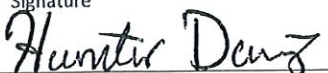
<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
X Yes <input type="checkbox"/> No	X Yes <input type="checkbox"/> No	X Yes <input type="checkbox"/> No	X Yes <input type="checkbox"/> No

Printed name <u>William Terry Davis & Ellen B R/S</u> By: <u>Ellen B Davis</u> Title* <u>owner</u>	Mailing Address 1062 Fountain Run Rd Tappahannock Va 22560 Phone No. (804) 445-5438	Landowner Signature 
<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 [§10.1-104.2 of the Code of Virginia](#).

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

Printed name <u>Hunter Davis.</u> Title <u>Technical Services Specialist</u>	Mailing Address: <u>1681 Tappahannock Blvd, Tappahannock, VA 22560</u> Phone No. <u>443-2170</u>	Permittee- Authorized Representative Signature 
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VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: SYNAGRO CENTRAL LLC County or City: ESSEX

Landowner: William Terry Davis & Ellen Baxley Davis R/S

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).

Ellen B. Davis
Landowner's Signature

9/21/2021
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 8/25/2021 between William Terry Davis & Ellen B. Davis R/S 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
34-61			

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

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


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

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

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

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


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

Printed name <u>William Terry Davis & Ellen B. Davis R/S</u>	Mailing Address <u>1062 Fountain Run Rd.</u> <u>Tappahannock, VA 22560</u>	Landowner Signature 
By: <u>William Terry Davis</u>	Phone No. <u>804-445-5438</u>	
<p>*<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.</p> <p>*<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.</p>		

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.

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

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

Permittee: SYNAGRO CENTRAL LLC County or City: ESSEX

Landowner: William Terry Davis & Ellen B Davis R/L

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:

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 - 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:
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 - 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,
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 - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
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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

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 9/21/2021 between William Terry Davis & Ellen B. Davis R/S 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			
<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>
<u>34-61</u>			

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

Check one:

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


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

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
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<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 <u>William Terry Davis & Ellen B. Davis R/S</u> By: <u>Ellen B. Davis</u> Title* <u>owner</u>	Mailing Address 1062 Fountain Run Rd Tappahannock Va 22560 Phone No. (804) 445-5438	Landowner Signature 
* <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 [§10.1-104.2 of the Code of Virginia](#).

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

Printed name <u>Hunter Davis.</u> Title <u>Technical Services Specialist</u>	Mailing Address: <u>1681 Tappahannock Blvd, Tappahannock, VA 22560</u> Phone No. <u>443-2170</u>	Permittee- Authorized Representative Signature 
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VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: SYNAGRO CENTRAL LLC County or City: ESSEX

Landowner: William Terry Davis & Ellen B. Davis B/S

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).

Ellen B. Davis
Landowner's Signature

9/21/2021
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 8/25/2021 between William T. Davis & Ellen B. Davis R/S, 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
43-21	36-98	34-73	
34-74	36-101		
50-42	34-74c		

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

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

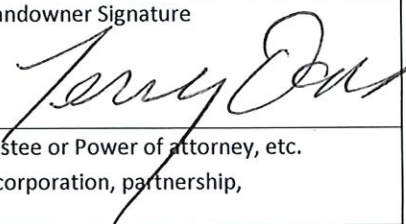
In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

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

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

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

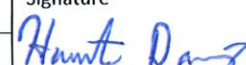
<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input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

Printed name <u>William T. Davis & Ellen B. Davis R/S</u>	Mailing Address <u>1062 Fountain Run Rd.</u>	Landowner Signature 
By: <u>William Terry Davis</u>	<u>Tappahannock, VA 22560</u>	
Title* _____	Phone No. <u>804-445-5438</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 [§10.1-104.2 of the Code of Virginia](#).

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

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

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

Permittee: SYNAGRO CENTRAL LLC County or City: ESSEX

Landowner: William T. Davis & Ellen B. Davis R/S

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

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 9/21/2021 between William T. Davis & Ellen B. Davis R/S 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			
<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>
43-21	34-74C	34-73	
36-98	34-74		
36-101	50-42		

☐ 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 <u>William T. Davis & Ellen B. Davis R/S</u> By: <u>Ellen B Davis</u> Title* <u>owner</u>	<u>Mailing Address</u> 1062 Fountain Run Rd Tappahannock Va 22560 Phone No. (804) 445-5438	<u>Landowner 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 [§10.1-104.2 of the Code of Virginia](#).

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

Printed name <u>Hunter Davis.</u> Title <u>Technical Services Specialist</u>	<u>Mailing Address:</u> 1681 Tappahannock Blvd, Tappahannock, VA 22560 Phone No. 443-2170	<u>Permittee- Authorized Representative Signature</u> 
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VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: SYNAGRO CENTRAL LLC County or City: ESSEX

Landowner: William T. Davis & Ellen B Davis B/S

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

9/21/2021
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 8/25/2021 between Juanita S Davis 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
34-44	43-7		
34-62			
34-63			

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

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

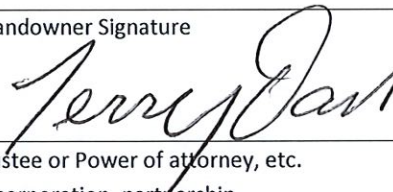
In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

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

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

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


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

Printed name <u>Juanita S Davis</u>	Mailing Address <u>2272 Dunwoode Rd.</u>	Landowner Signature 
By: <u>William T. Davis</u>	<u>Tappahannock, VA 22560</u>	
Title* <u>Power of Attorney</u>	Phone No. <u>804-445-5438</u>	
<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 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.

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

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

Permittee: SYNAGRO CENTRAL LLC

County or City: ESSEX

Landowner: Juanita S Davis

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

8/25/2021
Date

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

Landowner Coordination Form

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

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

Permittee: Synagro Central, LLC County or City: Essex (EX 29)

Please Print

(Signatures not required on this page)

<u>Tax Parcel ID(s)</u>	<u>Landowner(s)</u>
34-44	JUANITA S DAVIS
34-62	JUANITA S DAVIS
34-63	JUANITA S DAVIS
43-7	JUANITA S DAVIS
43-21	WILLIAM T & ELLEN B DAVIS R/S
	ALLEN SYDNEY WAYNE TRUSTEE
50-3-5	WILLIAM PEYTON & ELLEN B DAVIS
50-48	WILLIAM PEYTON & ELLEN B DAVIS
34-56	WILLIAM T & ELLEN B DAVIS R/S
34-61	WILLIAM T & ELLEN B DAVIS R/S
34-73	WILLIAM T & ELLEN B DAVIS R/S
34-74	WILLIAM T & ELLEN B DAVIS R/S
34-74-C	WILLIAM T & ELLEN B DAVIS R/S
36-98	WILLIAM T & ELLEN B DAVIS R/S
36-101	WILLIAM T & ELLEN B DAVIS R/S
50-42	WILLIAM T & ELLEN B DAVIS R/S
34-61-A	WILLIAM T DAVIS ET UX

0 FOUNTAIN RUN RD

Location 0 FOUNTAIN RUN RD

Mblu 34/ / 44/ /

Acct# 2591

Owner DAVIS JUANITA S

Clean & Green Total \$169,200

Class Agrigultural - 100+ Ac

Appraisal \$257,900

PID 1683

Building Count 1

Current Value

Appraisal					
Valuation Year		Improvements		Land	Total
2021		\$0		\$257,900	\$257,900
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$0	\$257,900	\$257,900	\$169,200	\$169,200

Owner of Record

Owner DAVIS JUANITA S
Co-Owner
Address 2272 DUNBROOKE RD
TAPPAHANNOCK, VA 22560

Sale Price \$0
Certificate
Book & Page 158/432
Sale Date 04/22/2020
Instrument 00

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
DAVIS JUANITA S	\$0		158/432	00	04/22/2020

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

0 FOUNTAIN RUN RD

Location 0 FOUNTAIN RUN RD

Mblu 34/ / 62/ /

Acct# 2594

Owner DAVIS JUANITA S

Clean & Green Total \$5,200

Class Sngl Fam Res - Suburban

Appraisal \$15,600

PID 1686

Building Count 1

Current Value

Appraisal					
Valuation Year		Improvements		Land	Total
2021		\$0		\$15,600	\$15,600
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$0	\$15,600	\$15,600	\$5,200	\$5,200

Owner of Record

Owner DAVIS JUANITA S

Sale Price \$0

Co-Owner

Certificate

Address 2272 DUNBROOKE RD

Book & Page 158/432

TAPPAHANNOCK, VA 22560

Sale Date 04/22/2020

Instrument 00

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
DAVIS JUANITA S	\$0		158/432	00	04/22/2020

Building Information

Building 1 : Section 1

Year Built:

Living Area: 0

Replacement Cost: \$0

Building Percent Good:

Building Photo

 Building Photo

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

0 FOUNTAIN RUN RD (END)

Location 0 FOUNTAIN RUN RD (END)

Mblu 34 / 63 /

Acct# 2595

Owner DAVIS JUANITA S

Clean & Green Total \$30,000

Class Agricultural- 20-100 Ac

Appraisal \$75,000

PID 1687

Building Count 1

Current Value

Appraisal					
Valuation Year		Improvements		Land	Total
2021		\$0		\$75,000	\$75,000
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$0	\$75,000	\$75,000	\$30,000	\$30,000

Owner of Record

Owner DAVIS JUANITA S

Sale Price \$0

Co-Owner

Certificate

Address 2272 DUNBROOKE RD
TAPPAHANNOCK, VA 22560

Book & Page 158/432

Sale Date 04/22/2020

Instrument 00

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
DAVIS JUANITA S	\$0		158/432	00	04/22/2020

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 DUNBROOKE RD

Location 0 DUNBROOKE RD

Mblu 43 / 7 / 1

Acct# 3467

Owner DAVIS JUANITA S

Clean & Green Total \$80,300

Class Agricultural- 20-100 Ac

Appraisal \$136,250

PID 2602

Building Count 1

Current Value

Appraisal					
Valuation Year		Improvements		Land	Total
2021		\$0		\$136,250	\$136,250
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$0	\$136,250	\$136,250	\$80,300	\$80,300

Owner of Record

Owner DAVIS JUANITA S

Sale Price \$0

Co-Owner

Certificate

Address 2272 DUNBROOKE RD

Book & Page 247/578

TAPPAHANNOCK, VA 22560

Sale Date 07/07/2000

Instrument 00

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
DAVIS JUANITA S	\$0		247/578	00	07/07/2000

Building Information

Building 1 : Section 1

Year Built:

Living Area: 1,404

Replacement Cost: \$0

Building Percent Good:

Building Photo

 Building Photo

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

0 DUNBROOKE RD

Location 0 DUNBROOKE RD

Mblu 43 / 21 / 1

Acct# 2529

Owner DAVIS WILLIAM T & ELLEN B
R/S

Clean & Green Total \$127,000

Class Agrigultural - 100+ Ac

Appraisal \$210,900

PID 1616

Building Count 1

Current Value

Appraisal					
Valuation Year		Improvements		Land	Total
2021		\$0		\$210,900	\$210,900
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$0	\$210,900	\$210,900	\$127,000	\$127,000

Owner of Record

Owner DAVIS WILLIAM T & ELLEN B R/S
Co-Owner ALLEN SIDNEY WAYNE TRUSTEE
Address P O BOX 1588
TAPPAHANNOCK, VA 22560

Sale Price \$405,000
Certificate
Book & Page 306/221
Sale Date 04/01/2005
Instrument 00

Ownership History


Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
DAVIS WILLIAM T & ELLEN B R/S	\$405,000		306/221	00	04/01/2005

Building Information

Building 1 : Section 1

Year Built:
Living Area: 1,225
Replacement Cost: \$0
Building Percent Good:

Building Photo

 Building Photo

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

0 BESTLAND RD

Location 0 BESTLAND RD

Mblu 50/ 3/ 5/ /

Acct# 86811

Owner DAVIS WILLIAM PEYTON

Clean & Green Total \$10,200

Class Sngl Fam Res - Suburban

Appraisal \$34,820

PID 9421

Building Count 1

Current Value

Appraisal					
Valuation Year		Improvements		Land	Total
2021		\$0		\$34,820	\$34,820
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$0	\$34,820	\$34,820	\$10,200	\$10,200

Owner of Record

Owner DAVIS WILLIAM PEYTON

Sale Price \$0

Co-Owner DAVIS ELLEN B

Certificate 14

Address P O BOX 1588

Book & Page 0/0

TAPPAHANNOCK, VA 22560

Sale Date 06/18/2014

Instrument 00

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
DAVIS WILLIAM PEYTON	\$0	14	0/0	00	06/18/2014

Building Information

Building 1 : Section 1

Year Built:

Living Area: 0

Replacement Cost: \$0

Building Percent Good:

Building Photo

 Building Photo

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

0 HOWERTON RD

Location 0 HOWERTON RD

Mblu 50 / 48 / 1

Acct# 6238

Owner DAVIS WILLIAM PEYTON

Clean & Green Total \$54,500

Class Agricultural- 20-100 Ac

Appraisal \$71,599

PID 5474

Building Count 1

Current Value

Appraisal					
Valuation Year	Improvements		Land	Total	
2021	\$0		\$71,599	\$71,599	
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$0	\$71,599	\$71,599	\$54,500	\$54,500

Owner of Record

Owner DAVIS WILLIAM PEYTON

Co-Owner DAVIS ELLEN B

Address P O BOX 1588
TAPPAHANNOCK, VA 22560

Sale Price \$0

Certificate 14

Book & Page 298/454

Sale Date 06/18/2014

Instrument 00

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
DAVIS WILLIAM PEYTON	\$0	14	298/454	00	06/18/2014

Building Information

Building 1 : Section 1

Year Built:

Living Area: 696

Replacement Cost: \$0

Building Percent Good:

Building Photo

 Building Photo

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

0 HICKORY HILL RD RT 650

Location 0 HICKORY HILL RD RT 650

Mblu 34/ / 56/ /

Acct# 2989

Owner DAVIS WILLIAM TERRY

Clean & Green Total \$197,800

Class Agrigultural - 100+ Ac

Appraisal \$309,800

PID 2100

Building Count 1

Current Value

Appraisal					
Valuation Year		Improvements		Land	Total
2021		\$0		\$309,800	\$309,800
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$0	\$309,800	\$309,800	\$197,800	\$197,800

Owner of Record

Owner DAVIS WILLIAM TERRY
Co-Owner DAVIS ELLEN BAXLEY R/S
Address P O BOX 1588
TAPPAHANNOCK, VA 22560

Sale Price \$356,543
Certificate 18
Book & Page 0/0
Sale Date 09/20/2018
Instrument 00

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
DAVIS WILLIAM TERRY	\$356,543	18	0/0	00	09/20/2018

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 FOUNTAIN RUN RD RT 683

Location 0 FOUNTAIN RUN RD RT 683

Mblu 34//61//

Acct# 2593

Owner DAVIS WILLIAM TERRY

Class Agricultural - 100+ Ac

Assessment \$154,000

Appraisal \$153,960

PID 1685

Building Count 1

Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2021	\$16,000	\$137,960	\$153,960
Assessment			
Valuation Year	Improvements	Land	Total
2021	\$16,000	\$138,000	\$154,000

Owner of Record

Owner DAVIS WILLIAM TERRY

Sale Price \$0

Co-Owner DAVIS ELLEN B R/S

Certificate

Address P O BOX 1588

Book & Page 278/556

TAPPAHANNOCK, VA 22560

Sale Date 05/30/2003

Instrument 00

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
DAVIS WILLIAM TERRY	\$0		278/556	00	05/30/2003

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 DUNBROOKE RD

Location 0 DUNBROOKE RD

Mblu 34 / / 73 / /

Acct# 2472

Owner DAVIS WILLIAM T

Clean & Green Total \$14,000

Class Agricultural- 20-100 Ac

Appraisal \$34,777

PID 1554

Building Count 1

Current Value

Appraisal					
Valuation Year		Improvements		Land	Total
2021		\$0		\$34,777	\$34,777
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$0	\$34,777	\$34,777	\$14,000	\$14,000

Owner of Record

Owner DAVIS WILLIAM T

Sale Price \$0

Co-Owner DAVIS ELLEN B R/S

Certificate 18

Address P O BOX 1588

Book & Page 0/0

TAPPAHANNOCK, VA 22560

Sale Date 08/01/2018

Instrument 00

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
DAVIS WILLIAM T	\$0	18	0/0	00	08/01/2018

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 DUNBROOKE RD RT 620

Location 0 DUNBROOKE RD RT 620

Mblu 34/ / 74/ /

Acct# 2473

Owner DAVIS WILLIAM T

Clean & Green Total \$210,780

Class Agrigultural - 100+ Ac

Appraisal \$336,140

PID 1555

Building Count 1

Current Value

Appraisal					
Valuation Year		Improvements		Land	Total
2021		\$17,280		\$318,860	\$336,140
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$17,280	\$318,860	\$336,140	\$193,500	\$210,780

Owner of Record

Owner DAVIS WILLIAM T

Sale Price \$0

Co-Owner DAVIS ELLEN B R/S

Certificate 18

Address P O BOX 1558

Book & Page 0/0

TAPPAHANNOCK, VA 22560

Sale Date 08/01/2018

Instrument 00

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
DAVIS WILLIAM T	\$0	18	0/0	00	08/01/2018

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 DUNBROOKE RD RT 620

Location 0 DUNBROOKE RD RT 620

Mblu 34 / 74 / C/

Acct# 2475

Owner DAVIS WILLIAM T

Clean & Green Total \$10,700

Class Agricultural- 20-100 Ac

Appraisal \$26,395

PID 1557

Building Count 1

Current Value

Appraisal					
Valuation Year	Improvements	Land	Total		
2021	\$0	\$26,395	\$26,395		
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$0	\$26,395	\$26,395	\$10,700	\$10,700

Owner of Record

Owner DAVIS WILLIAM T
Co-Owner DAVIS ELLEN B R/S
Address P O BOX 1588
TAPPAHANNOCK, VA 22560

Sale Price \$0
Certificate 18
Book & Page 0/0
Sale Date 08/01/2018
Instrument 00

Ownership History


Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
DAVIS WILLIAM T	\$0	18	0/0	00	08/01/2018

Building Information

Building 1 : Section 1

Year Built:
Living Area: 2,503
Replacement Cost: \$0
Building Percent Good:

Building Photo

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

733 KINO RD

Location 733 KINO RD

Mblu 36 / 98 /

Acct# 3783

Owner DAVIS WILLIAM T

Class Agricutural - 100+ Ac

Assessment \$285,600

Appraisal \$285,628

PID 2930

Building Count 1

Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2021	\$114,300	\$171,328	\$285,628
Assessment			
Valuation Year	Improvements	Land	Total
2021	\$114,300	\$171,300	\$285,600

Owner of Record

Owner DAVIS WILLIAM T

Sale Price \$0

Co-Owner DAVIS ELLEN B R/S

Certificate 16

Address P O BOX 1588

Book & Page 0/0

TAPPAHANNOCK, VA 22560

Sale Date 11/18/2016

Instrument 00

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
DAVIS WILLIAM T	\$0	16	0/0	00	11/18/2016

Building Information

Building 1 : Section 1

Year Built: 1955

Living Area: 1,281

Replacement Cost: \$148,273

Building Percent Good: 76

599 KINO RD

Location 599 KINO RD

Mblu 36 / 101 /

Acct# 3784

Owner DAVIS WILLIAM T

Class Agriculatural - 100+ Ac

Assessment \$213,600

Appraisal \$213,506

PID 2931

Building Count 1

Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2021	\$65,800	\$147,706	\$213,506
Assessment			
Valuation Year	Improvements	Land	Total
2021	\$65,800	\$147,800	\$213,600

Owner of Record

Owner DAVIS WILLIAM T

Sale Price \$0

Co-Owner DAVIS ELLEN B R/S

Certificate 16

Address P O BOX 1588
TAPPAHANNOCK, VA 22560

Book & Page 221/234

Sale Date 11/18/2016

Instrument 00

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
DAVIS WILLIAM T	\$0	16	221/234	00	11/18/2016

Building Information

Building 1 : Section 1

Year Built: 0

Living Area: 1,170

Replacement Cost: \$111,346

Building Percent Good: 59

2678 HOWERTON RD

Location 2678 HOWERTON RD

Mblu 50 / / 42 / /

Acct# 6117

Owner DAVIS WILLIAM T

Clean & Green Total \$260,810

Class Agrigultural - 100+ Ac

Appraisal \$434,210

PID 5350

Building Count 1

Current Value

Appraisal					
Valuation Year		Improvements		Land	Total
2021		\$120,310		\$313,900	\$434,210
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$120,310	\$313,900	\$434,210	\$140,500	\$260,810

Owner of Record

Owner DAVIS WILLIAM T
Co-Owner DAVIS ELLEN B R/S
Address P O BOX 1588
TAPPAHANNOCK, VA 22560

Sale Price \$450,000
Certificate 14
Book & Page 0/0
Sale Date 07/28/2014
Instrument 00

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
DAVIS WILLIAM T	\$450,000	14	0/0	00	07/28/2014

Building Information

Building 1 : Section 1

Year Built: 1947
Living Area: 1,260
Replacement Cost: \$139,790
Building Percent Good: 76

1062 FOUNTAIN RUN RD

Location 1062 FOUNTAIN RUN RD

Mblu 34 / 61 / A /

Acct# 2599

Owner DAVIS WILLIAM T ET UX

Clean & Green Total \$281,300

Class Sngl Fam Res - Suburban

Appraisal \$290,500

PID 1691

Building Count 1

Current Value

Appraisal					
Valuation Year		Improvements		Land	Total
2021		\$256,500		\$34,000	\$290,500
Assessment					
Valuation Year	Improvements	Land	Total	Clean & Green Land	Clean & Green Total
2021	\$256,500	\$34,000	\$290,500	\$24,800	\$281,300

Owner of Record

Owner DAVIS WILLIAM T ET UX

Sale Price \$0

Co-Owner

Certificate

Address P O BOX 1588

Book & Page 200/769

TAPPAHANNOCK, VA 22560

Sale Date 04/22/2020

Instrument 00

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
DAVIS WILLIAM T ET UX	\$0		200/769	00	04/22/2020

Building Information

Building 1 : Section 1

Year Built: 1986

Living Area: 2,400

Replacement Cost: \$224,394

Building Percent Good: 85

EX 29 - Adjoining Property w/n 400'

Parcel ID	Owner 1	Owner 2	OwnerAddress	City	State	ZIP
33-14	ROY G POLLARD		2130 LATANES MILL RD	TAPPAHANNOCK	VA	22560
33-17	MICHAEL SHANE KISNER		P O BOX 37	MANQUIN	VA	23106
33-18	BROOKS FARM INC		3333 DUNBROOKE RD	TAPPAHANNOCK	VA	22560
34-3	THOMAS LEE POLLARD GRANT		3436 SUNNYSIDE RD	TAPPAHANNOCK	VA	22560
34-38H	WILLIAM T MALAY	VICKY C MALAY R/S	2009 SUNNYSIDE RD	TAPPAHANNOCK	VA	22560
34-38I	WILLIAM THOMAS MALAY	VICKY JEAN COURTNEY MALAY R/S	2009 SUNNYSIDE RD	TAPPAHANNOCK	VA	22560
34-43	FREDERICK L BROOKS		3333 DUNBROOKE RD	TAPPAHANNOCK	VA	22560
34-45	DAVID W BAUGHAN LIFE ESTATE	JEAN S BAUGHAN LIFE ESTATE	2405 SUNNYSIDE RD	TAPPAHANNOCK	VA	22560
34-45A	DAVID W BAUGHAN JR ET UX		2377 SUNNYSIDE RD	TAPPAHANNOCK	VA	22560
34-47	NELLIE H ATKINS		2466 SUNNYSIDE RD	TAPPAHANNOCK	VA	22560
34-48	TIMOTHY A WILDER		9461 INDIANFIELD	MECHANICSVILLE	VA	23116
34-49	TIMOTHY A WILDER		9461 INDIANFIELD	MECHANICSVILLE	VA	23116
34-4A	CHARLES R OWENS		8087 RAMPART CIRCLE	MECHANICSVILLE	VA	23116
34-50	JAMES LEON MOODY TRUSTEE	VERLINE H MOODY TRUSTEE	14301 NEW KENT HWY	LANEXA VA 23089	VA	23089
34-52	ALBERT E HODGES	LINDA C HODGES	3247 SUNNYSIDE RD	TAPPAHANNOCK	VA	22560
34-53	P & P MARKET LLC		2519 LATANES MILL RD	TAPPAHANNOCK	VA	22560
34-53A	FLOYD T SMITH ET AL		1855 HICKORY HILL RD	ST STEPHENS CHURCH	VA	23148
34-53B	JAMES H NORMAN ET UX		1805 HICKORY HILL RD	ST STEPHENS CHURCH	VA	23148
34-53C	P & P MARKET LLC		3531 SUNNYSIDE RD	TAPPAHANNOCK	VA	22560
34-53D	BROOKS FARM INC		3333 DUNBROOKE RD	TAPPAHANNOCK	VA	22560
34-53E	BERTHA MAE WILSON LIFE ESTATE	C/O ERNEST WILSON	62 GREENLEAF TERR	STAFFORD VA 22556	VA	22556
34-53F	MARY M ROANE LIFE ESTATE		1941 HICKORY HILL RD	ST STEPHENS CHURCH	VA	23148
34-53G	ELMER M PUTNAM	ANGELA M PUTNAM R/S	26060 MATTAPONI TRAIL	MILFORD	VA	22514
34-54	ANN S HENLEY ET AL		3310 RIVERGLADE RD	POWHATAN VA 23139	VA	23139
34-55	MARVA C COLEMAN		7124 HIGHLAND AVE	PENNSAUKEN NJ 8810	NJ	08810
34-55A	LESLIE L BUTLER		5314 BLUE RIDGE AVE	RICHMOND	VA	23229
34-55B	LESLIE L BUTLER		5314 BLUE RIDGE AVE	RICHMOND	VA	23229
34-59	SP ESSEX 134 LLC		1801 LIBBIE AVE STE 201	RICHMOND	VA	23229
34-60	BROOKS FARM INC		3333 DUNBROOKE RD	TAPPAHANNOCK	VA	22560
34-60A	SP ESSEX 134 LLC		1801 LIBBIE AVE STE 201	RICHMOND	VA	23229
34-61	ROY POLLARD		2130 LATANES MILL RD	TAPPAHANNOCK	VA	22560
34-66A	JEFFREY L HODGES ET UX		863 FOUNTAIN RUN RD	TAPPAHANNOCK	VA	22560
34-66B	CONNIE K COURTNEY TRUSTEE	VICKY C MALAY TRUSTEE	2009 SUNNYSIDE RD	TAPPAHANNOCK	VA	22560
34-66C	JEFFREY L HODGES	CATHERINE H HODGES R/S	863 FOUNTAIN RUN RD	TAPPAHANNOCK	VA	22560
34-66E	JEFFREY L HODGES ET UX		863 FOUNTAIN RUN RD	TAPPAHANNOCK	VA	22560
34-66F	JEFFREY L HODGES ET UX		863 FOUNTAIN RUN RD	TAPPAHANNOCK	VA	22560
34-67	JOHN LANE BROOKS JR	CAROLINE HOPE BROOKS	3226 DUNBROOKE RD	TAPPAHANNOCK	VA	22560
34-68	JOSEPH DANIEL DAVIS JR	TRACY SHACKELFORD DAVIS R/S	2044 SUNNYSIDE RD	TAPPAHANNOCK	VA	22560
34-69	JOSEPH DANIEL DAVIS JR	TRACY SHACKELFORD DAVIS R/S	2044 SUNNYSIDE RD	TAPPAHANNOCK	VA	22560
34-70	JOHN LANE BROOKS JR	CAROLINE HOPE BROOKS	3226 DUNBROOKE RD	TAPPAHANNOCK	VA	22560
34-71	ROBERT L SHACKELFORD	CHERRIE C SHACKELFORD R/S	2887 INDIAN NECK RD	TAPPAHANNOCK	VA	22560
34-72A	OLD CHURCH HOMES INC		254 LOWER FIELD RD	DUNNSVILLE	VA	22454
34-72B	OLD CHURCH HOMES INC		254 LOWER FIELD RD	DUNNSVILLE	VA	22454
34-72C	STANLEY TAYLOR WARE JR	CAROL S WARE R/S	6504 LEGACY PARK DR	MECHANICSVILLE	VA	23116

34-73A	BARREN B HOLMES		3996 DUNBROOKE RD	TAPPAHANNOCK	VA	22560
34-74B	JAMES W COX ET UX		4564 DUNNSBROOKE RD	TAPPAHANNOCK	VA	22560
34-7D	FRANCES H CORBIN		3170 SUNNYSIDE RD	TAPPAHANNOCK	VA	22560
35-59	JAMES H & ALICE FAYE HUNDLEY III	WILLIAM FRANKLIN HUNDLEY	1024 CLOVERFIELD LANE	CHAMPLAIN VA 22438	VA	22438
35-73	ROBERT MASON MITCHELL ET UX		5784 HOWERTON RD	DUNNSVILLE	VA	22454
36-100	DONALD KENT LAWSON		117 BROWNS NECK RD	POQUOSON VA 23662	VA	23662
36-102	MARIAN W BAREFORD ESTATE	C/O UNION FIRST MARKET BANK	3900 WESTERRE PKWY STE 101	HENRICO VA 23233	VA	23233
36-102A	RONNIE L ELLIOTT ET UX		P O BOX 546	MILLERS TAVERN	VA	23115
36-102C	GARY L BAREFORD & WIFE		P O BOX 1682	TAPPAHANNOCK	VA	22560
36-102D	MARIAN W BAREFORD ESTATE	C/O UNION FIRST MARKET BANK	3900 WESTERRE PWY STE 101	HENRICO VA 23233	VA	23233
36-102E	MARIAN W BAREFORD ESTATE	C/O UNION FIRST MARKET BANK	3900 WESTERRE PKY STE 101	HENRICO VA 23233	VA	23233
36-86	W G BALDERSON ET ALS	C/O SIDNEY B ELLIOTT	1164 KINO RD	TAPPAHANNOCK	VA	22560
36-86A	MASON L EASTWOOD JR R/S	SUSAN E EASTWOOD R/S	253 SADIE LANE	TAPPAHANNOCK	VA	22560
36-86B	WILLIAM EDWARD BALDERSON ET UX		552 KINO RD	TAPPAHANNOCK	VA	22560
36-86C	VIVIAN K STOKES	C/O VIVIAN STOKES MULLINS	135 SADIE LANE	TAPPAHANNOCK	VA	22560
36-86D	FRANCIS HARVEY SEAL ET UX		P O BOX 1993	TAPPAHANNOCK	VA	22560
36-86E	EUGENE D PACKETT	JENNIFER S PACKETT	165 SADIE LANE	TAPPAHANNOCK	VA	22560
36-86F	BRIAN C & ALLISON W SEAL R/S		P O BOX 1791	TAPPAHANNOCK	VA	22560
36-87	WILLIAM E BALDERSON		512 KINO RD	TAPPAHANNOCK	VA	22560
36-88	LEWIS B WILKINS ET UX		738 KINO RD	TAPPAHANNOCK	VA	22560
36-88A	LEWIS BANKS WILKINS JR		738 KINO RD	TAPPAHANNOCK	VA	22560
36-88B	GWEN C CLARKE		P O BOX 1322	TAPPAHANNOCK	VA	22560
36-88C	TUOI THI TO		27 BRAXTON DR	AYLETT VA 23009	VA	23009
36-88D	WILLIAM M CLARKE		1209 WALKERS CROSSING DR	FOREST VA 22560	VA	22560
36-88E	YASSEN S MUFLAHI	GAWHARA A ALMANSOOP	197 CLARKE LANE	TAPPAHANNOCK	VA	22560
36-88F	GWEN C CLARKE		P O BOX 1322	TAPPAHANNOCK	VA	22560
36-91	GEORGE M BROOKS ESTATE	C/O JEFF BROOKS	P O BOX 121	MILLERS TAVERN	VA	23115
36-92	GEORGE M BROOKS ESTATE	C/O JEFF BROOKS	P O BOX 121	MILLERS TAVERN	VA	23115
36-93	GEORGE M BROOKS ESTATE	C/O JEFF BROOKS	P O BOX 121	MILLERS TAVERN	VA	23115
36-93A	JANET BALDERSON SEAL	RICHARD F BALDERSON JR	P O BOX 1993	TAPPAHANNOCK	VA	22560
36-94	GEORGE B ELLIOTT ET UX		1164 KINO RD	TAPPAHANNOCK	VA	22560
36-94A	TIMOTHY W MCKINLEY ET UX		P O BOX 3	TAPPAHANNOCK	VA	22560
36-96	WILLIAM G RYAN	WANDA A RYAN	P O BOX 966	TAPPAHANNOCK	VA	22560
36-96A	DAVID E SHEARWOOD ET UX		P O BOX 1949	TAPPAHANNOCK	VA	22560
36-97	DAVID E SHEARWOOD	SUE B SHEARWOOD R/S	P O BOX 1949	TAPPAHANNOCK	VA	22560
36-98A	JAMES T HARMON		P O BOX 132	TAPPAHANNOCK	VA	22560
36-99	JOHN C SCOTT ET AL	C/O JANICE EILEEN SCOTT	427 S WYCOMBE AVE	YEADON PA 19144	PA	19144
36D-1-1	KYLE J & JENNIFER L DURHAM		P O BOX 3118	TAPPAHANNOCK	VA	22560
36D-1-2	SAUNDRA JO CREER		149 KENNEDY AVE	HEMPSTEAD NY 11550	NY	11550
36D-1-3	TRAVANTE DAVENPORT		171 MEADOW DR	TAPPAHANNOCK	VA	22560
36D-1-52	JERRID N ROANE		1672 LYNEVILLE RD	ST STEPHENS CHURCH	VA	23148
42-41	NATHAN PAGE BALL		19957 TIDEWATER TRAIL	TAPPAHANNOCK	VA	22560
42-50	NATHAN PAGE BALL		170 E CIRCLE DR	TAPPAHANNOCK	VA	22560
42-52A	RALPH R ZINN JR ET UX		4610 BROAD ST RD	MINERAL VA 23117	VA	23117
42-5B	SCOT A KATONA TRUSTEE	C/O THOMAS E POLLARD JR	2519 LATANES MILL RD	TAPPAHANNOCK	VA	22560
43-14	DONALD F LAWSON	DONALD KENT LAWSON	117 BROWNS NECK RD	POQUOSON VA 23662	VA	23662
43-16	FRANCES WINDER McNALLY ET AL		9312 SKYVIEW DR	RICHMOND	VA	23229

43-17	FRANCES WINDER MCNALLY ET AL		9312 SKYVIEW DR	RICHMOND	VA	23229
43-19	FRANCES WINDER MCNALLY ET AL		9312 SKYVIEW DR	RICHMOND	VA	23229
43-1D	MARY LOVING MANN		113 PURKINS RD	TAPPAHANNOCK	VA	22560
43-1E	MARY LOVING MANN		113 PURKINS RD	TAPPAHANNOCK	VA	22560
43-2-1	COASTAL PLAIN INVESTMENTS LLC		P O BOX 3133	TAPPAHANNOCK	VA	22560
43-22A	MARK G CONDREY	LAURA KATHERIN CONDREY R/S	P O BOX 214	MILLERS TAVERN	VA	23115
43-22C	MARK G CONDREY	LAURA KATHERIN CONDREY R/S	P O BOX 214	MILLERS TAVERN	VA	23115
43-22H	WEAKLEY DALE LONG LIFE ESTATE		P O BOX 244	MILLERS TAVERN	VA	23115
43-26	WIND FARMS INC		19365 TIDEWATER TRL	TAPPAHANNOCK	VA	22560
43-27	JAMES MICHAEL PATTERSON		2122 DUNBROOKE RD	TAPPAHANNOCK	VA	22560
43-27C	VINCENT A DAVIS		P O BOX 8	MILLERS TAVERN	VA	23115
43-28A	DENNIS BLANE CMPBELL		266 REBEL RUN	KING WILLIAM VA 23086	VA	23086
43-28B	ELIZABETH GAYLE JETER		8156 COOL SUMMER DR	MECHANICSVILLE	VA	23116
43-28C	ELIZABETH GAYLE JETER		8156 COOL SUMMER DR	MECHANICSVILLE	VA	23116
43-28D	KAY P LEWIS	VINCENT WARREN MARKS	2562 DUNBROOKE RD	TAPPAHANNOCK	VA	22560
43-2H	JOHN L BROOKS JR	CAROLINE H BROOKS	3226 DUNBROOKE RD	TAPPAHANNOCK	VA	22560
43-3-1	ELLIS CLARK HENLEY	CATHERINE CLARKE HENLEY R/S	9412 OLD SPRING GARDEN RD	MECHANICSVILLE	VA	23116
43-3-4	BETH GAYLE DAVIS		148 PRINTER LN	TAPPAHANNOCK	VA	22560
43-4	FREDERICK L BROOKS		3333 DUNBROOKE RD	TAPPAHANNOCK	VA	22560
43-6	WALTER S ROWLAND ET UX		2501 WILLARD ST	WILMINGTON DE 19806	DE	19806
43-7A	NATHAN PAGE BALL		170 E CIRCLE DR	TAPPAHANNOCK	VA	22560
43-8	BROOKS FARM INC		3333 DUNBROOKE RD	TAPPAHANNOCK	VA	22560
43-8A	ELSBETH L WYATT R/S	ELYSE P WYATT R/S	2009 DUNBROOKE RD	TAPPAHANNOCK	VA	22560
44-10-5	MARIO LEWIS		464 HAPPY TRAIL	TAPPAHANNOCK	VA	22560
44-10-A2	MICHAEL R PORCH JR	FAYE DILVER R/S	6588 DORRELL RD	AYLETT VA 23009	VA	23009
44-24	LEWIS HARDING BALL ET UX		P O BOX 10	MILLERS TAVERN	VA	23115
44-25	PATRICIA WATTS ELLIOTT		P O BOX 406	MILLERS TAVERN	VA	23115
44-2R	THOMAS D TIGNOR		1438 GORDONS MILL RD	TAPPAHANNOCK	VA	22560
44-4-5	GEORGE L NIGEL JR		P O BOX 420	MILLERS TAVERN	VA	23115
49-3	WILLIAM W WATTS		P O BOX 438	MILLERS TAVERN	VA	23115
49-3B	NATHAN PAGE BALL ET AL	ROBERT H BALL	403 PEA RIDGE RD	BRUINGTON VA 23023	VA	23023
49-4	WILLIAM W WATTS ET UX		P O BOX 438	MILLERS TAVERN	VA	23115
49-5	PAULINE C CROWE ESTATE ET AL	C/O EDWARD CHEEK	1406 SOUTHBERRY AVE	RICHMOND	VA	23229
49-6	HERBERT C & MARK F ROGERS	C/O MARK F ROGERS	P O BOX 68314	TUCSON AZ 85737	AZ	85737
49-6A	DAVIS & BRIZENDINE INC		929 LEWIS LEVEL ROAD	TAPPAHANNOCK	VA	22560
49A-1-1	JONI WALSH		P O BOX 354	MILLERS TAVERN	VA	23115
49A-1-1A	JONI WALSH		P O BOX 354	MILLERS TAVERN	VA	23115
49A-1-2	WILLIAM W WATTS		P O BOX 438	MILLERS TAVERN	VA	23115
49A-1-3	JANE M PLUM	CHARLES HARRISON DURHAM	2073 COBBLESTONE LANE	RESTON VA 20191	VA	20191
50-3-1	SCOTT SCHOOLAR PROPERTIES LLC		P O BOX 2907	TAPPAHANNOCK	VA	22560
50-3-2	RJL HOMES LLC		5193 DABNEY RD	MANQUIN	VA	23106
50-3-3	ROSE R MARTIN		2866 HOWERTON RD	DUNNSVILLE	VA	22454
50-3-4	DAVID L ADAMS		1921 MOONWIND PLACE	RICHMOND	VA	23229
50-36	SUSAN R BURK TRUSTEE		9059 SPINET COURT	VIENNA VA 22182	VA	22182
50-38	TIDEWATER LUMBER CORPORATION		19957 TIDEWATER TRAIL	TAPPAHANNOCK	VA	22560
50-39	TIDEWATER LUMBER CORPORATION		19957 TIDEWATER TRAIL	TAPPAHANNOCK	VA	22560
50-41	EUGENE H CARTER ET UX		2426 HOWERTON RD P O BOX 426	MILLERS TAVERN	VA	23115

50-42A	HOWERTONS BAPTIST CHURCH TRUSTEES		P O BOX 224	MILLERS TAVERN	VA	23115
50-43	SARAH M SORRELL		2813 HOWERTON RD	DUNNSVILLE	VA	22454
50-43A	PHYLLIS D JENKINS		1148 HOWERTON RD	DUNNSVILLE	VA	22454
50-44	ROSA MUSE	SARA M SORRELL R/S	2813 HOWERTON RD	DUNNSVILLE	VA	22454
50-45A	WILLIAM C BALL		148 LONESOME OAK DR	DUNNSVILLE	VA	22454
50-48	WILLIAM PEYTON DAVIS	ELLEN B DAVIS	P O BOX 1588	TAPPAHANNOCK	VA	22560
50-49	LARRY D TAYLOR ET UX		P O BOX 2082	TAPPAHANNOCK	VA	22560
50-5	THOMAS M TAYLOR JR		2212 HOWETON RD	DUNNSVILLE	VA	22454
50-50	RUSSELL L OWENS JR		624 BESTLAND RD	DUNNSVILLE	VA	22454
50-52	FRANCES OWEN BEAZLEY		P O BOX 878	WARSAW VA 22572	VA	22572
50-52A	JOHN ROBERT OWEN JR	MARY JO TAYLOR	P O BOX 86	MILLERS TAVERN	VA	23115
50-53	JOHN ROBERT OWEN JR		P O BOX 86	MILLERS TAVERN	VA	23115
50-7	TIDEWATER LUMBER CORPORATION		19957 TIDEWATER TRAIL	TAPPAHANNOCK	VA	22560

TAX ID LANDOWNER IDENTIFICATION SHEET		
Landowner	Field Number	Tax ID
William T. Davis & Ellen B R/S	29-05	43-21
Sidney Wayne Allen Trustee		
William T. Davis & Ellen B R/S	29-06	43-21
Sidney Wayne Allen Trustee		
William T. Davis & Ellen B R/S	29-07	43-21
Sidney Wayne Allen Trustee		
Juanita S Davis	29-08	43-7
William Terry Davis	29-16	34-61
Ellen B Davis R/S		34-61A
William T. Davis Et Ux		34-62
Juanita S Davis		34-63
Juanita S Davis		34-64
Juanita S Davis		34-65
William Terry Davis	29-17	34-61
Ellen B Davis R/S		34-61A
William T. Davis Et Ux		34-64
Juanita S Davis		34-65
William T. Davis	29-18	50-42
Ellen B Davis R/S		
William T. Davis	29-19	50-42
Ellen B Davis R/S		
William T. Davis	29-20	50-42
Ellen B Davis R/S		
William Peyton Davis	29-21	50-3-5
Ellen B Davis		50-48
William Peyton Davis		
Ellen B Davis	29-22	36-98
William T. Davis		36-101
Ellen B Davis R/S		
William T Davis		
Ellen B Davis R/S	29-23	36-98
William T. Davis		
Ellen B Davis R/S	29-24	36-98
William T. Davis		36-101
Ellen B Davis R/S		
William T. Davis		
Ellen B Davis R/S	29-25	36-101
William T. Davis		
William Terry Davis	29-27	34-56
Ellen Baxley Davis R/S		
William Terry Davis	29-28	34-56
Ellen Baxley Davis R/S		

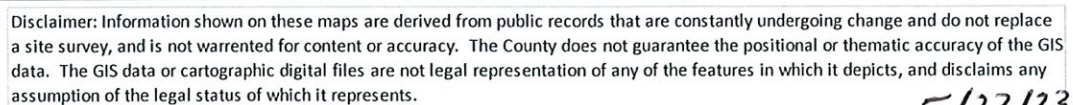
William T. Davis	29-29	34-74
Ellen B Davis R/S		
William T. Davis	29-30	34-74
Ellen B Davis R/S		
William T. Davis	29-31	34-73
Ellen B Davis R/S		34-74
William T. Davis		
Ellen B Davis R/S		34-74C
William T. Davis		
Ellen B Davis R/S		

Field Number	Latitude (North)	Longitude (West)
29-05	37.832°	-76.943°
29-06	37.834°	-76.942°
29-07	37.835°	-76.946°
29-08	37.858°	-76.949°
29-16	37.882°	-76.983°
29-17	37.889°	-76.983°
29-18	37.828°	-76.899°
29-19	37.829°	-76.897°
29-20	37.826°	-76.896°
29-21	37.829°	-76.891°
29-22	37.886°	-76.909°
29-23	37.889°	-76.910°
29-24	37.889°	-76.907°
29-25	37.888°	-76.905°
29-27	37.885°	-76.997°
29-28	37.888°	-76.992°
29-29	37.882°	-76.959°
29-30	37.882°	-76.963°
29-31	37.961°	-76.961°

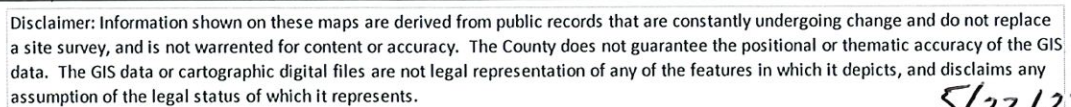
*Latitude and Longitude are a random point determined by ArcView program

Haul Route:

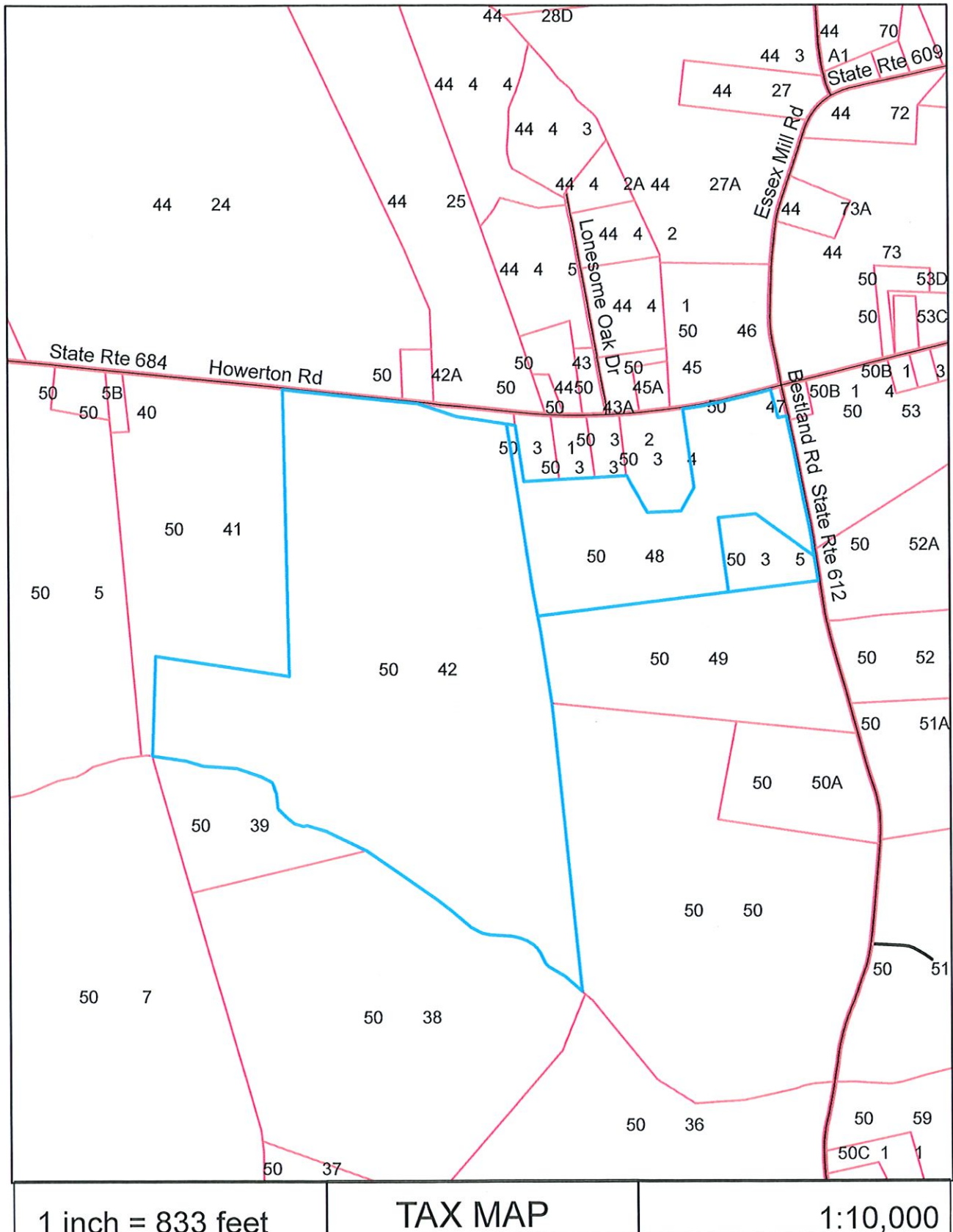
The Location maps in conjunction with the above latitude and longitude coordinates are a route planning tool meant to be a guide to indicate suggested haul routes for various preferences: to include but not limited to all federal, state, and local granted STAA access routes.



5/22/23

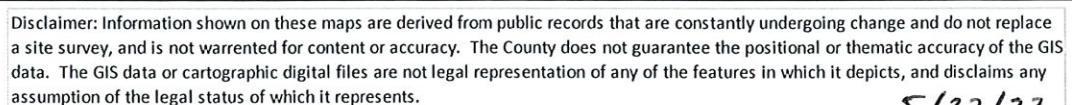


5/22/23

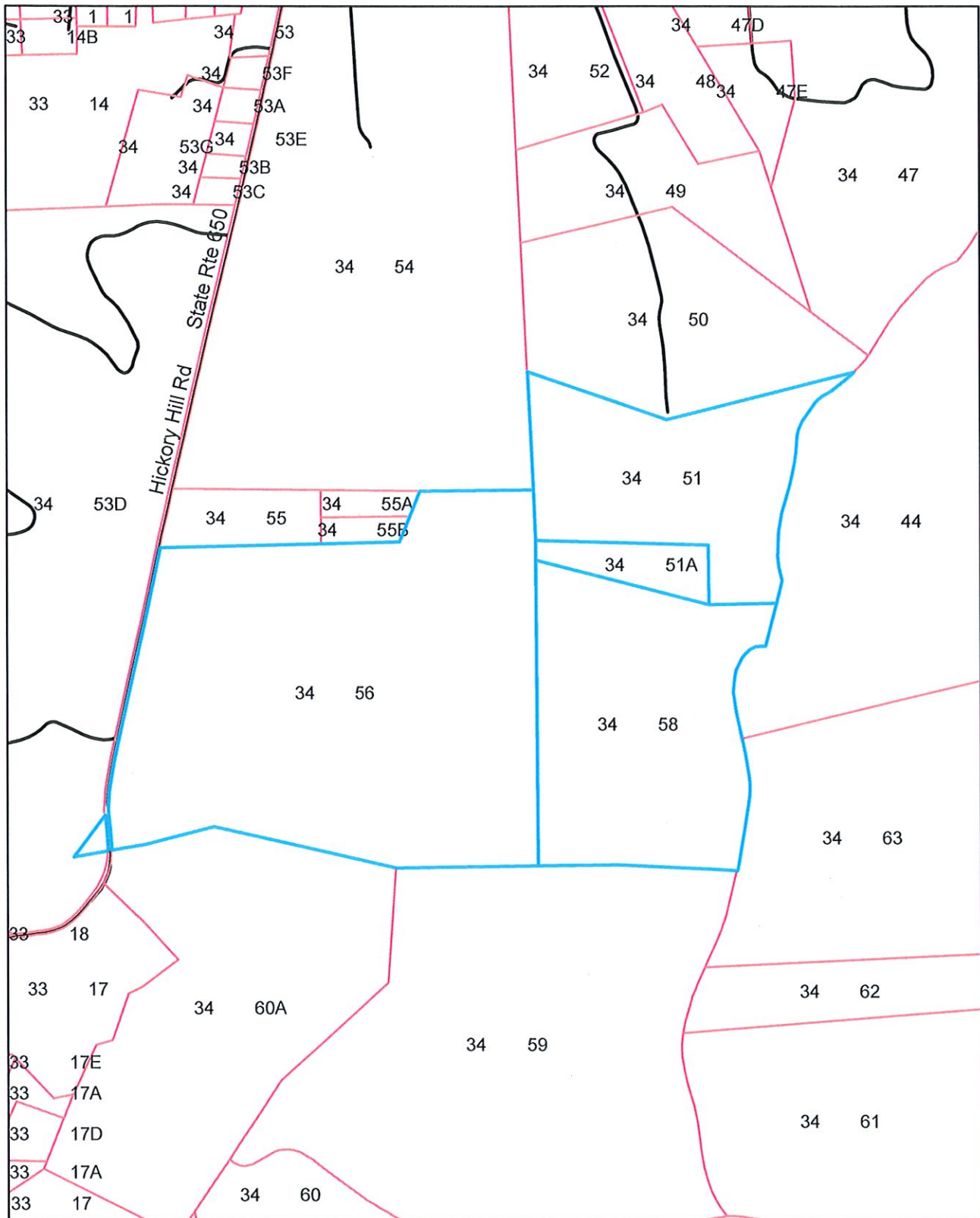


Disclaimer: Information shown on these maps are derived from public records that are constantly undergoing change and do not replace a site survey, and is not warranted for content or accuracy. The County does not guarantee the positional or thematic accuracy of the GIS data. The GIS data or cartographic 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.

5/22/23



5/22/23



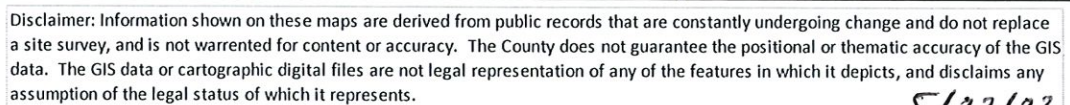
1 inch = 833 feet

TAX MAP

1:10,000

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5/22/23



Farm Summary Report

Plan: **New Plan** **Fall, 2021 - Winter, 2031**

Farm Name: New Farm
Location: Essex
Specialist: Hunter Davis
N-based Acres: 581.7
P-based Acres: 0.0

Tract Name: EX29
FSA Number: 0
Location: Essex

Field Name:	05		
Total Acres:	22.40	Usable Acres:	22.40
FSA Number:	0		
Tract:	EX29		
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
17	9A	Emporia
29	18B	Rumford
53	23B	Suffolk

Field Warnings:

Crop Rotation:

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

EX 29 Terry Davis

Synagro Central, LLC

Field Name: 06
Total Acres: 20.0 **Usable Acres:** 20.0
FSA Number: 0
Tract: EX29
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
51	18B	Rumford
12	20D	Rumford Slagle
38	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
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Field Name: 07
Total Acres: 57.20 **Usable Acres:** 57.20
FSA Number: 0
Tract: EX29
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
31	18B	Rumford
10	19E	Emporia Rumford
46	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%

EX 29 Terry Davis

Synagro Central, LLC

Field Name: 08
Total Acres: 25.60 **Usable Acres:** 25.60
FSA Number: 0
Tract: EX29
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
2	9C	Emporia
4	20D	Rumford Slagle
94	23B	Suffolk

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
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EX 29 Terry Davis

Synagro Central, LLC

Field Name: 16
Total Acres: 72.70 **Usable Acres:** 72.70
FSA Number: 0
Tract: EX29
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
68	10B	Kempsville
1	10C	Kempsville
11	19E	Emporia Rumford
20	23B	Suffolk

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
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EX 29 Terry Davis

Synagro Central, LLC

Field Name: 17
Total Acres: 69.50 **Usable Acres:** 69.50
FSA Number: 0
Tract: EX29
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
11	10A	Kempsville
14	10B	Kempsville
9	10C	Kempsville
8	19E	Emporia Rumford
29	23A	Suffolk
29	23B	Suffolk

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
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EX 29 Terry Davis

Synagro Central, LLC

Field Name: 18
Total Acres: 35.00 **Usable Acres:** 35.00
FSA Number: 0
Tract: EX29
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
2	10C	Kempsville
8	20D	Rumford Slagle
91	23B	Suffolk

Field Warnings:

Crop Rotation:

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

EX 29 Terry Davis

Synagro Central, LLC

Field Name: 19
Total Acres: 12.60 **Usable Acres:** 12.60
FSA Number: 0
Tract: EX29
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
61	23B	Suffolk
39	10C	Kempsville

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
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EX 29 Terry Davis

Synagro Central, LLC

Field Name: 20
Total Acres: 13.80 **Usable Acres:** 13.80
FSA Number: 0
Tract: EX29
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
15	9C	Emporia
70	10B	Kempsville
15	10C	Kempsville

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
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EX 29 Terry Davis

Synagro Central, LLC

Field Name: 21
Total Acres: 29.20 Usable Acres: 29.20
FSA Number: 0
Tract: EX29
Location: Essex
Slope Class: B 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
62	1A	Atlee
10	9A	Emporia
1	10B	Kempsville
10	10C	Kempsville
9	21B	Slagle
7	23B	Suffolk

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
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EX 29 Terry Davis

Synagro Central, LLC

Field Name: 22
Total Acres: 27.20 **Usable Acres:** 27.20
FSA Number: 0
Tract: EX29
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
3	10A	Kempsville
2	10B	Kempsville
92	18B	Rumford
4	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: 23
Total Acres: 22.20 **Usable Acres:** 22.20
FSA Number: 0
Tract: EX29
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
29	10A	Kempsville
19	10B	Kempsville
50	18B	Rumford
2	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
---------	-------	-----------

EX 29 Terry Davis

Synagro Central, LLC

Field Name: 24
Total Acres: 17.60 **Usable Acres:** 17.60
FSA Number: 0
Tract: EX29
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
11	10A	Kempsville
47	10B	Kempsville
42	18B	Rumford

Field Warnings:

Environmentally Sensitive Soils due to:

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

Crop Rotation:

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

EX 29 Terry Davis

Synagro Central, LLC

Field Name: 25
Total Acres: 14.20 **Usable Acres:** 14.20
FSA Number: 0
Tract: EX29
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
7	10B	Kempsville
30	18B	Rumford
15	23A	Suffolk
49	23B	Suffolk

Field Warnings:

Crop Rotation:

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

Field Name: 27
Total Acres: 78.20 **Usable Acres:** 78.20
FSA Number: 0
Tract: EX29
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
65	18B	Rumford
2	19E	Emporia Rumford
4	20D	Rumford Slagle
29	23A	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
---------	-------	-----------

EX 29 Terry Davis

Synagro Central, LLC

Field Name: 28
Total Acres: 23.00 **Usable Acres:** 23.00
FSA Number: 0
Tract: EX29
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
89	18B	Rumford
3	19E	Emporia Rumford
8	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
---------	-------	-----------

EX 29 Terry Davis

Synagro Central, LLC

Field Name: 29

Total Acres: 21.40 Usable Acres: 21.40

FSA Number: 0

Tract: EX29

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
12	3A	Bibb
15	10B	Kempsville
66	19E	Emporia Rumford
6	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 perent slope in excess of 15%

Crop Rotation:

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

EX 29 Terry Davis

Synagro Central, LLC

Field Name: 30
Total Acres: 49.50 **Usable Acres:** 49.50
FSA Number: 0
Tract: EX29
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
19	10B	Kempsville
3	19E	Emporia Rumford
8	20D	Rumford Slagle
18	21B	Slagle
52	23B	Suffolk

Field Warnings:

Crop Rotation:

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

EX 29 Terry Davis

Synagro Central, LLC

Field Name: 31
Total Acres: 27.40 **Usable Acres:** 27.40
FSA Number: 0
Tract: EX29
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
26	10A	Kempsville
69	10B	Kempsville
5	19E	Emporia Rumford

Field Warnings:

Crop Rotation:

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

ENVIRONMENTALLY SENSITIVE AREAS

Field	Reason for Sensitive Area
29-05	High Leaching Potential (Map Unit 18B,20D - 32%)
29-06	High Leaching Potential (Map Unit 18B,20D - 67%)
29-07	High Leaching Potential (Map Unit 18B,19E,20D - 86%)
29-08	High Leaching Potential (Map Unit 18B,19E - 92.7%)
29-16	High Leaching Potential (Map Unit 19E - 11%)
29-17	High Leaching Potential (Map Unit 19E - 9%)
29-18	High Leaching Potential (Map Unit 20D - 8%)
29-19	None
29-20	High Leaching Potential (Map Unit 20D - 2%)
29-21	None
29-22	High Leaching Potential (Map Unit 18B,19E - 97%)
29-23	High Leaching Potential (Map Unit 18B,19E - 54%)
29-24	High Leaching Potential (Map Unit 18B - 43%)
29-25	High Leaching Potential (Map Unit 18B - 29%)
29-26	None
29-27	High Leaching Potential (Map Unit 18B,19E,20D - 71%)
29-28	High Leaching Potential (Map Unit 18B,19E,20D - 100%)
29-29	High Leaching Potential (Map Unit 18B,19E - 72%) High Water Table (Map Unit 3A - 12%)
29-30	High Leaching Potential (Map Unit 19E,20D - 11%)
29-31	High Leaching Potential (Map Unit 19E - 5%)

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
20D	Rumford			Leaching
25A	Tomotley	Jan-Apr, Nov-Dec		

Map Legend



House/Dwelling with a well

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



Rock Outcrop

- 25' buffer



Limestone Outcrop / Closed Sinkholes

- 50' buffer



Well

- 100' buffer



Lake/Pond

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



Slope which exceeds 15%



"PAS" - Publicly Accessible Site

- 200' buffer



Intermittent Stream

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



Stream/River

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



Agricultural/Drainage Ditch

- 10' buffer

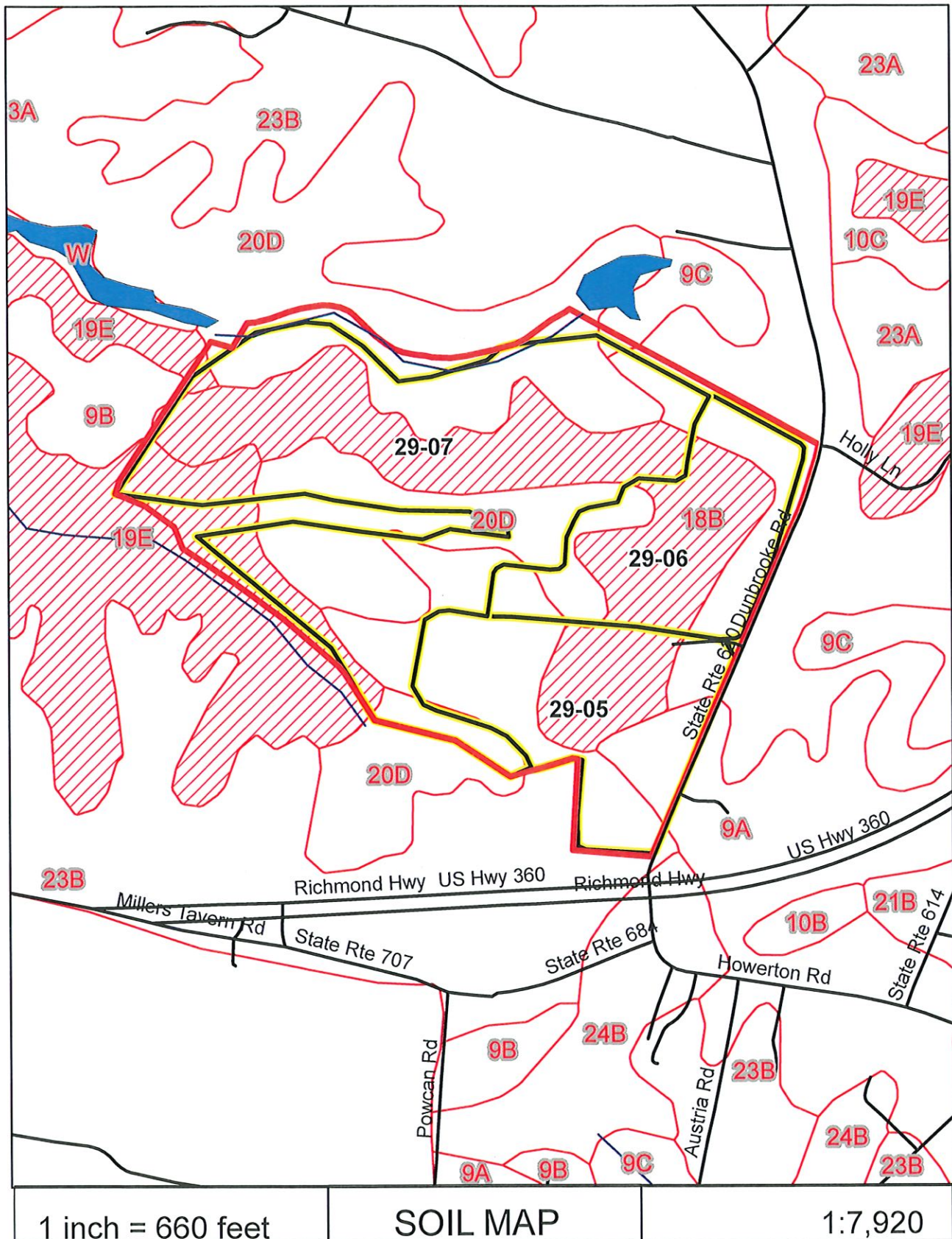


Field Boundary



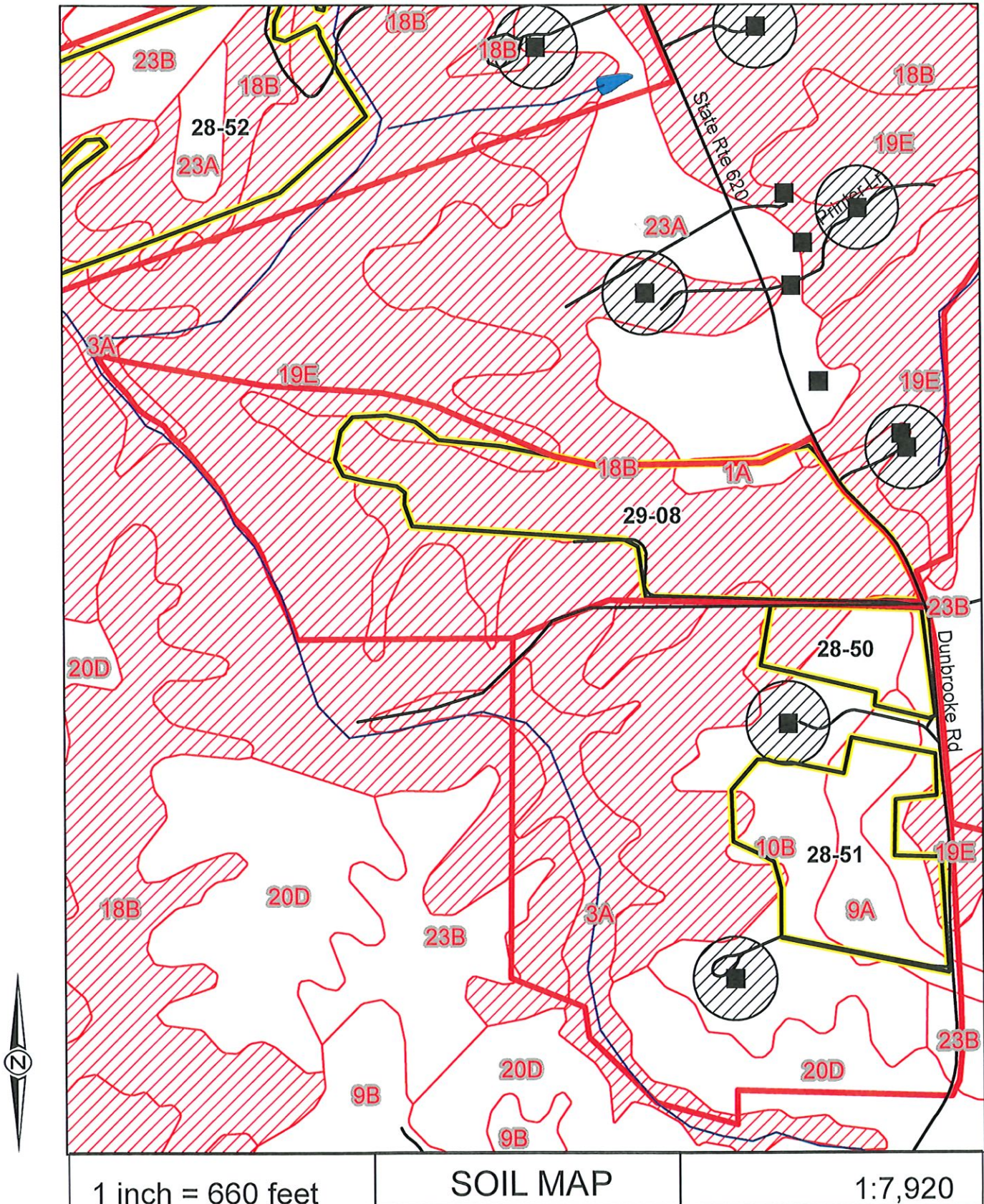
Property Line

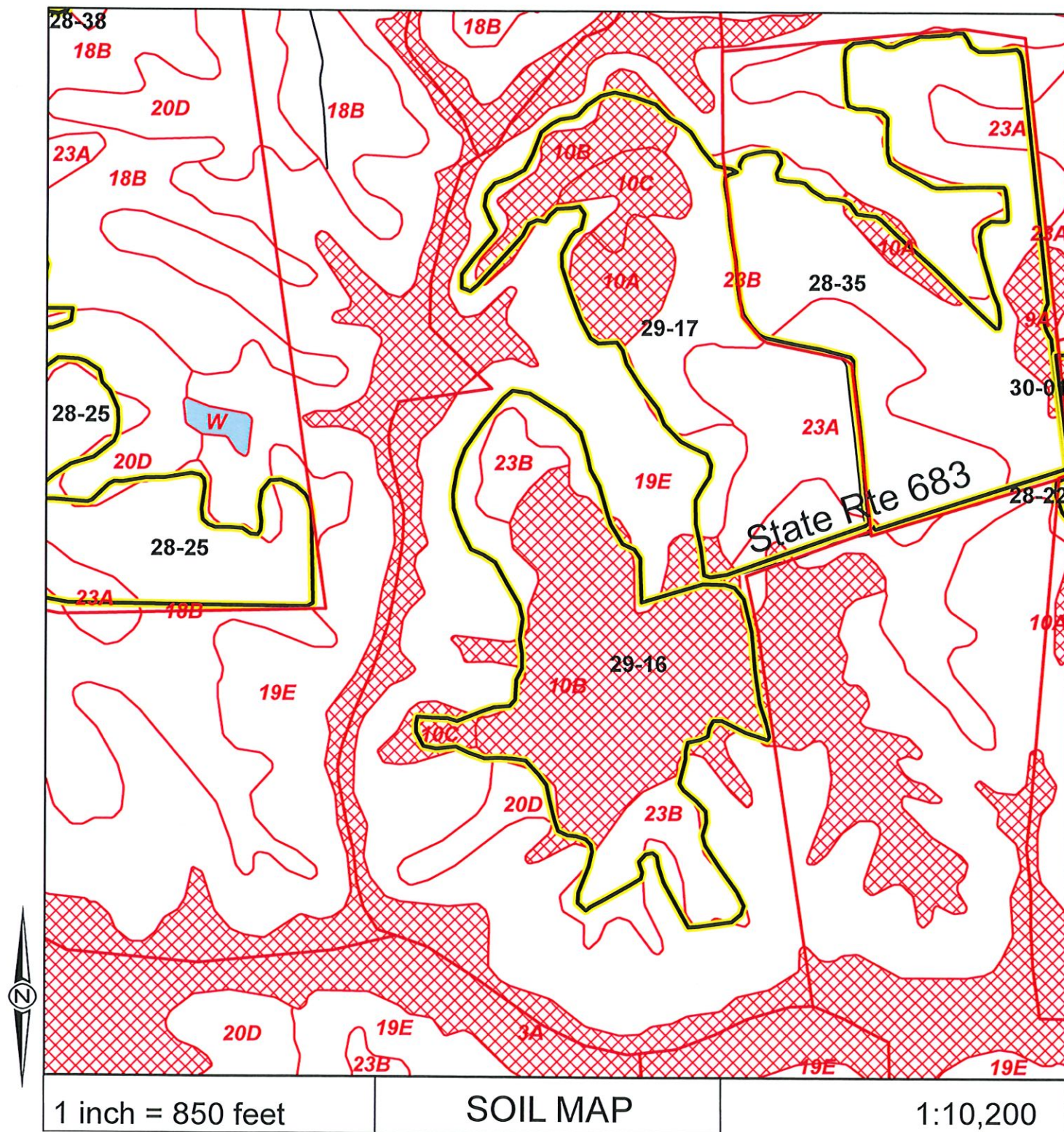
- 100' buffer unless waiver issued



 **Environmentally Sensitive Soils**

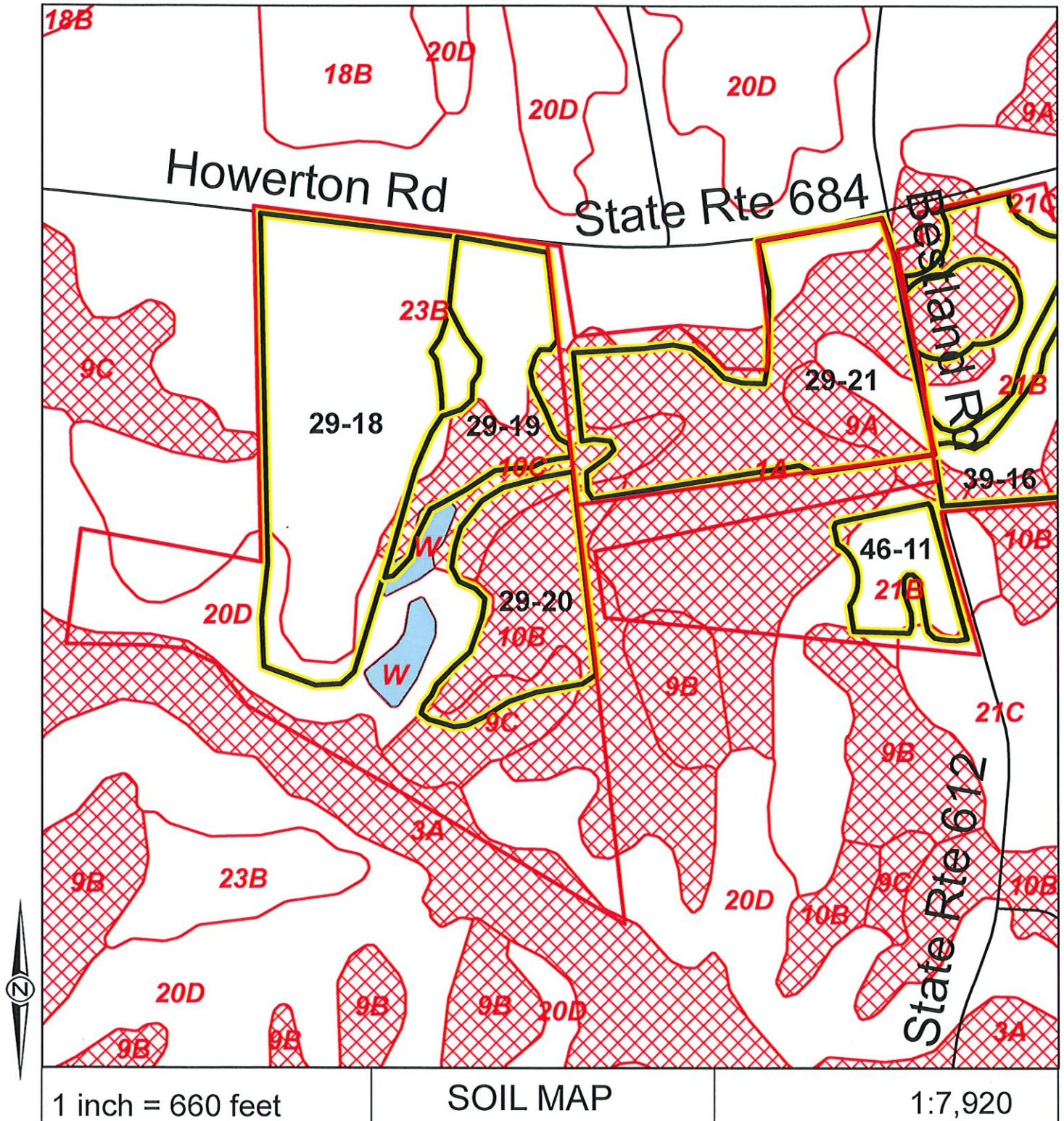
5/22/23





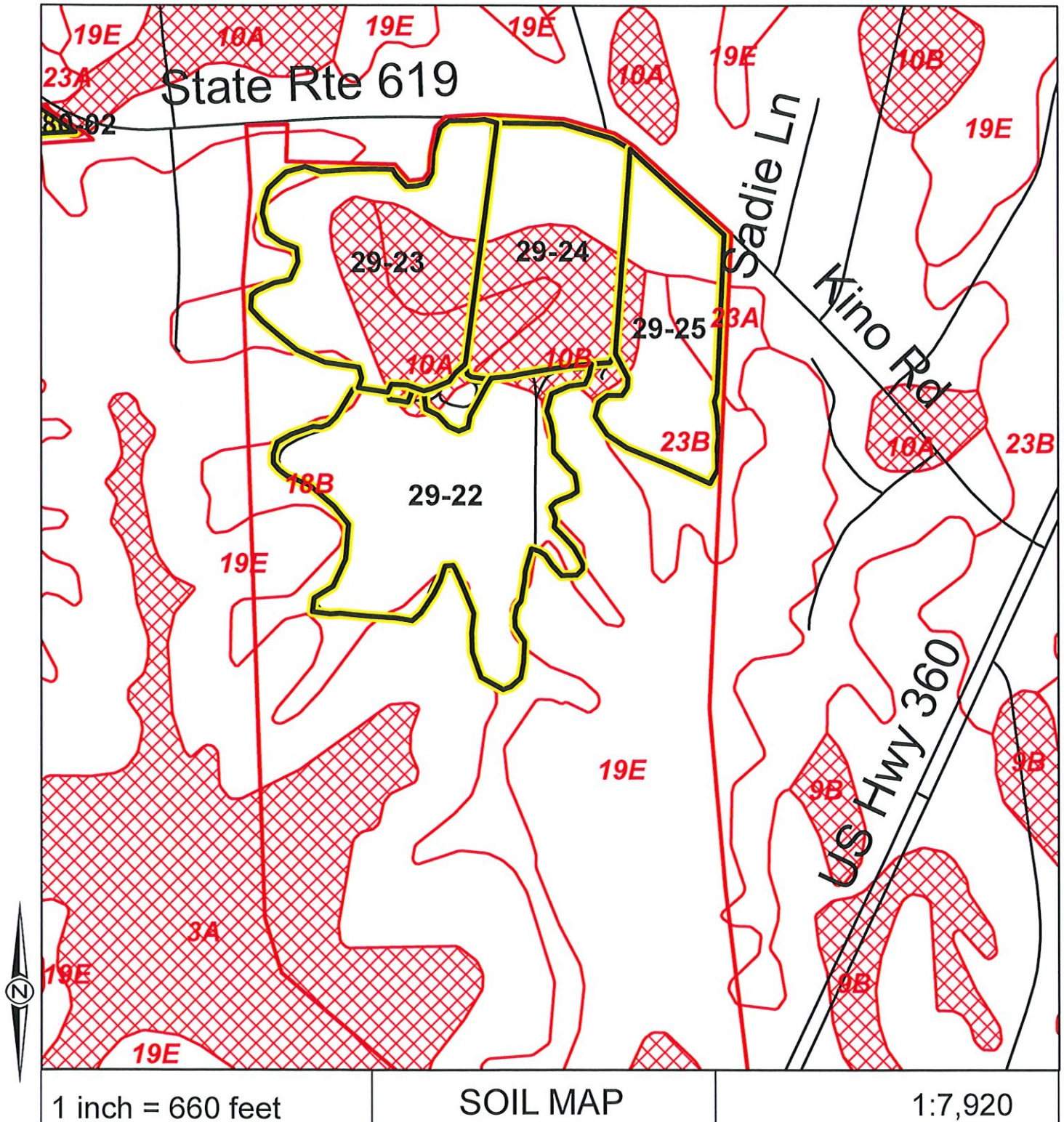
Environmentally Sensitive Soils

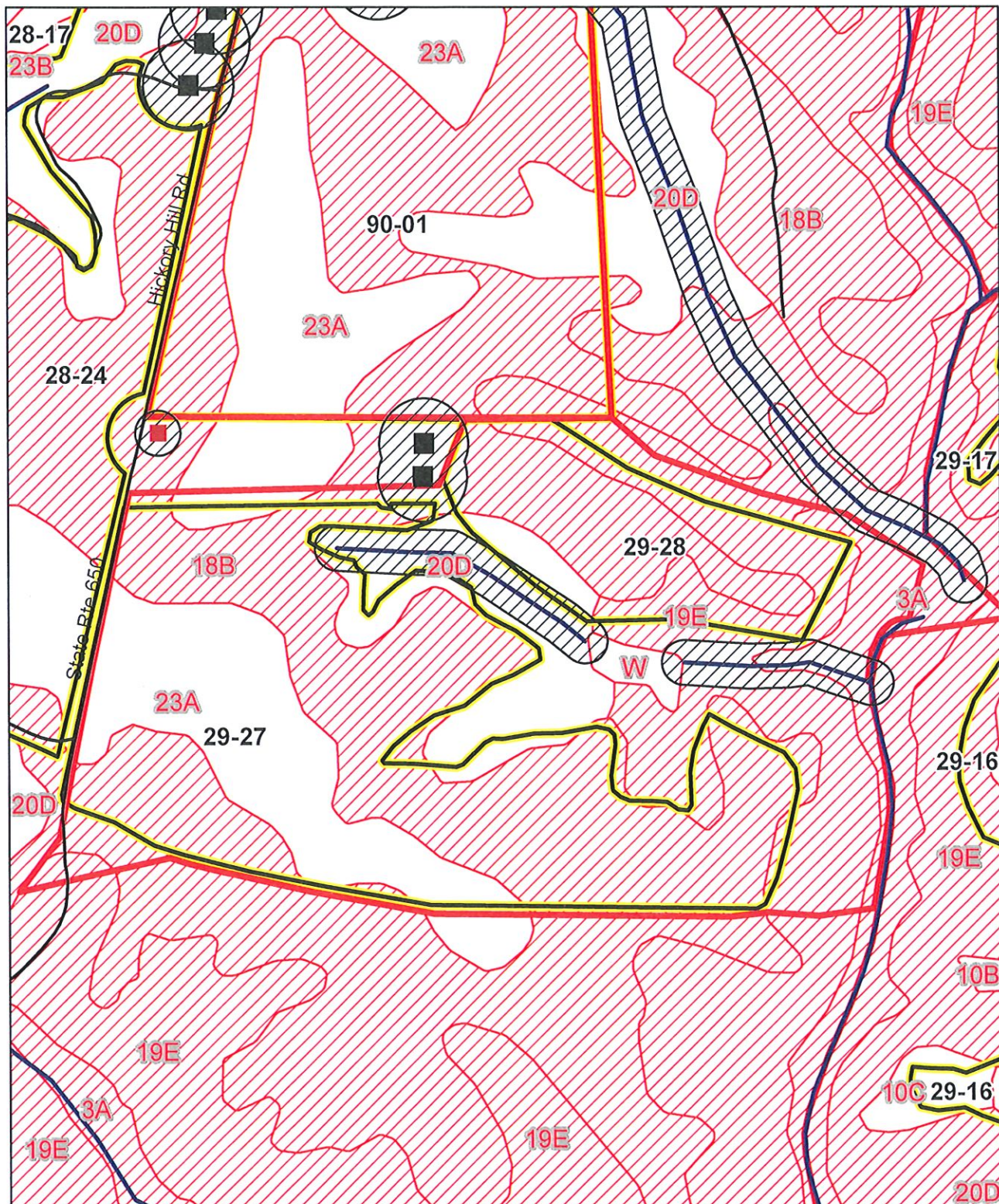
5/22/23




Environmentally Sensitive Soils

5/22/23





 Environmentally Sensitive Soils

Revised 05/06/2024



5/22/23



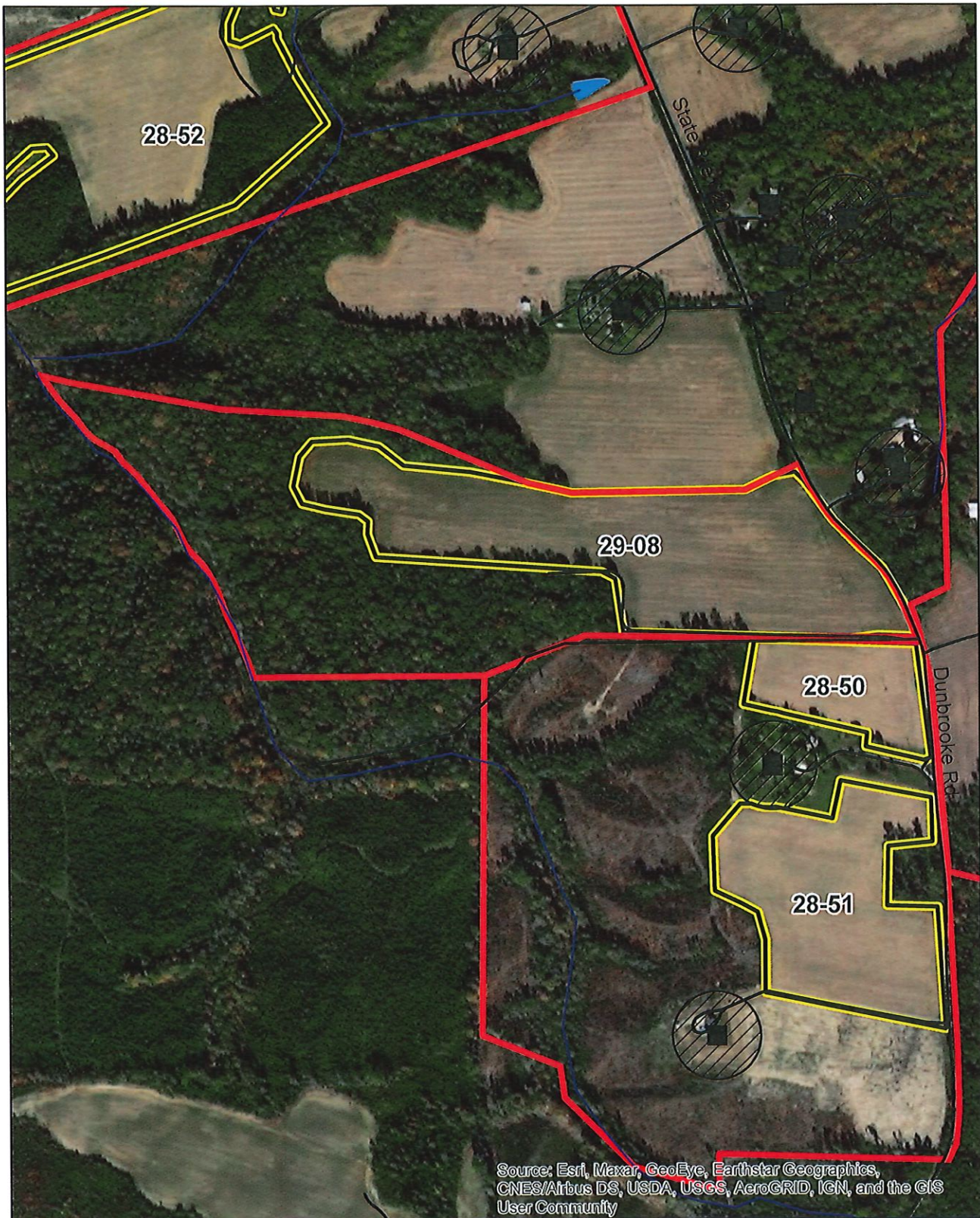
1 inch = 660 feet

AERIAL MAP

1:7,920

EXTENDED SETBACK

Revised 05/17/2024

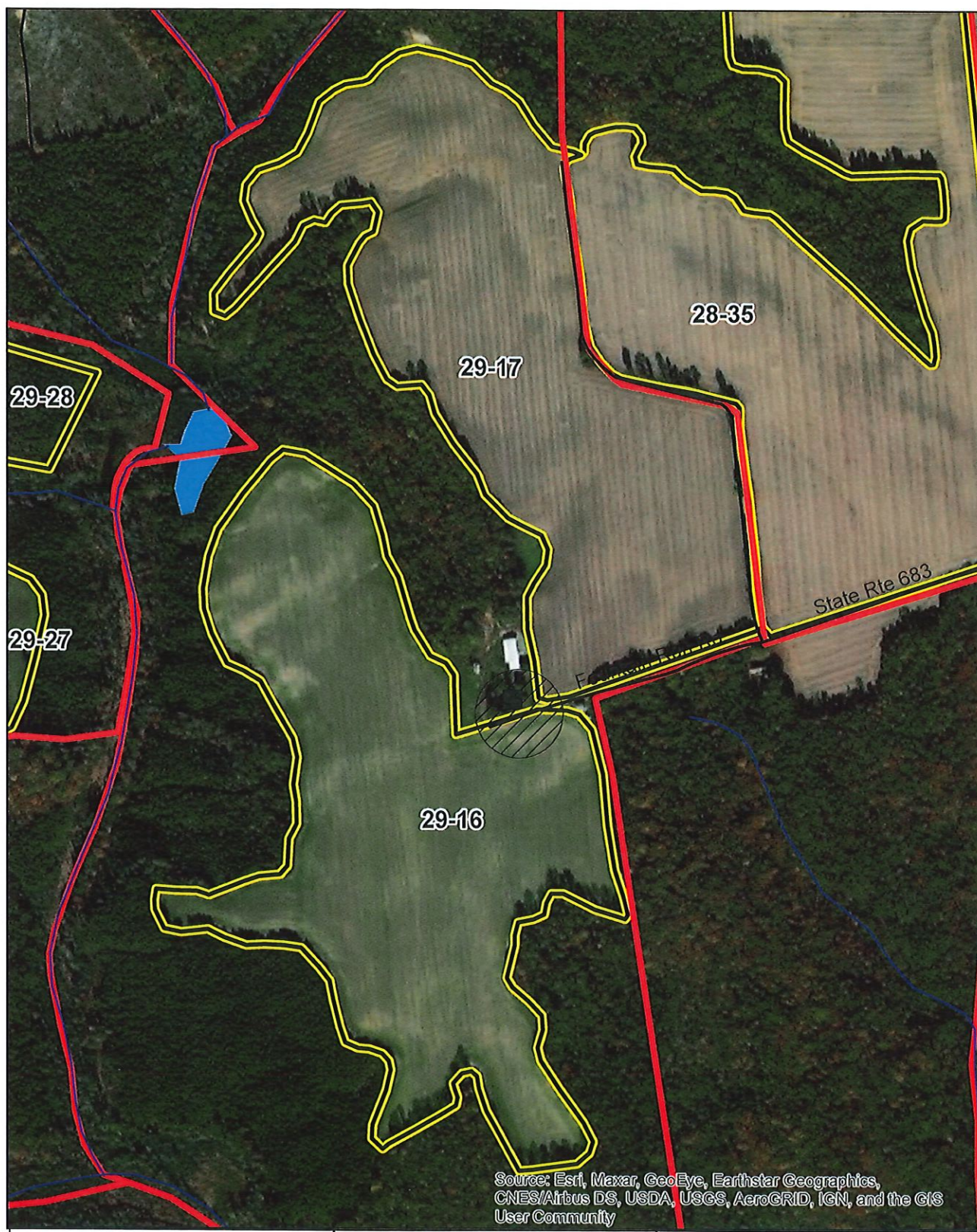


1 inch = 660 feet

AERIAL MAP

1:7,920

5/22/23

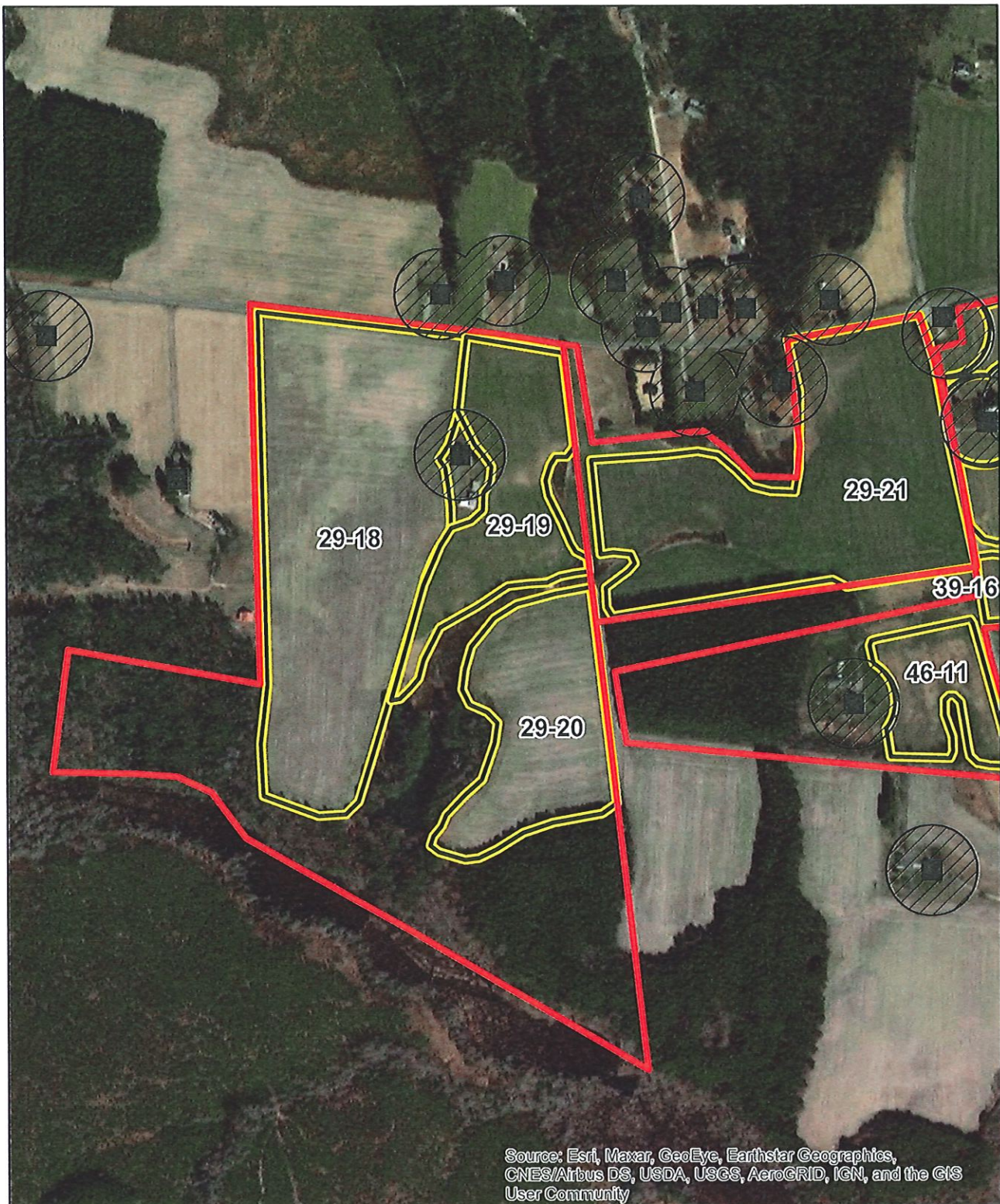


1 inch = 660 feet

AERIAL MAP

1:7,920

5/22/23

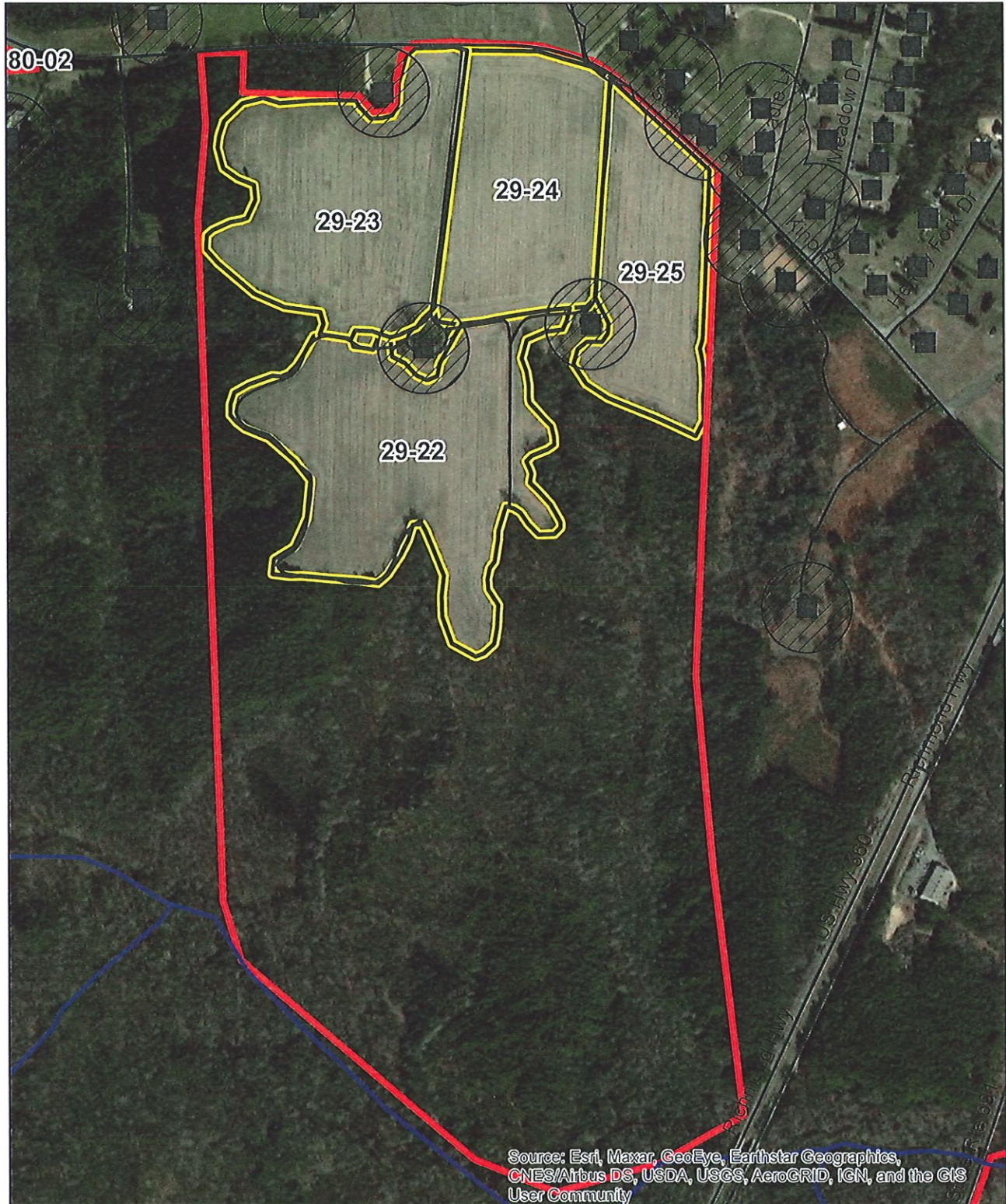


1 inch = 660 feet

AERIAL MAP

1:7,920

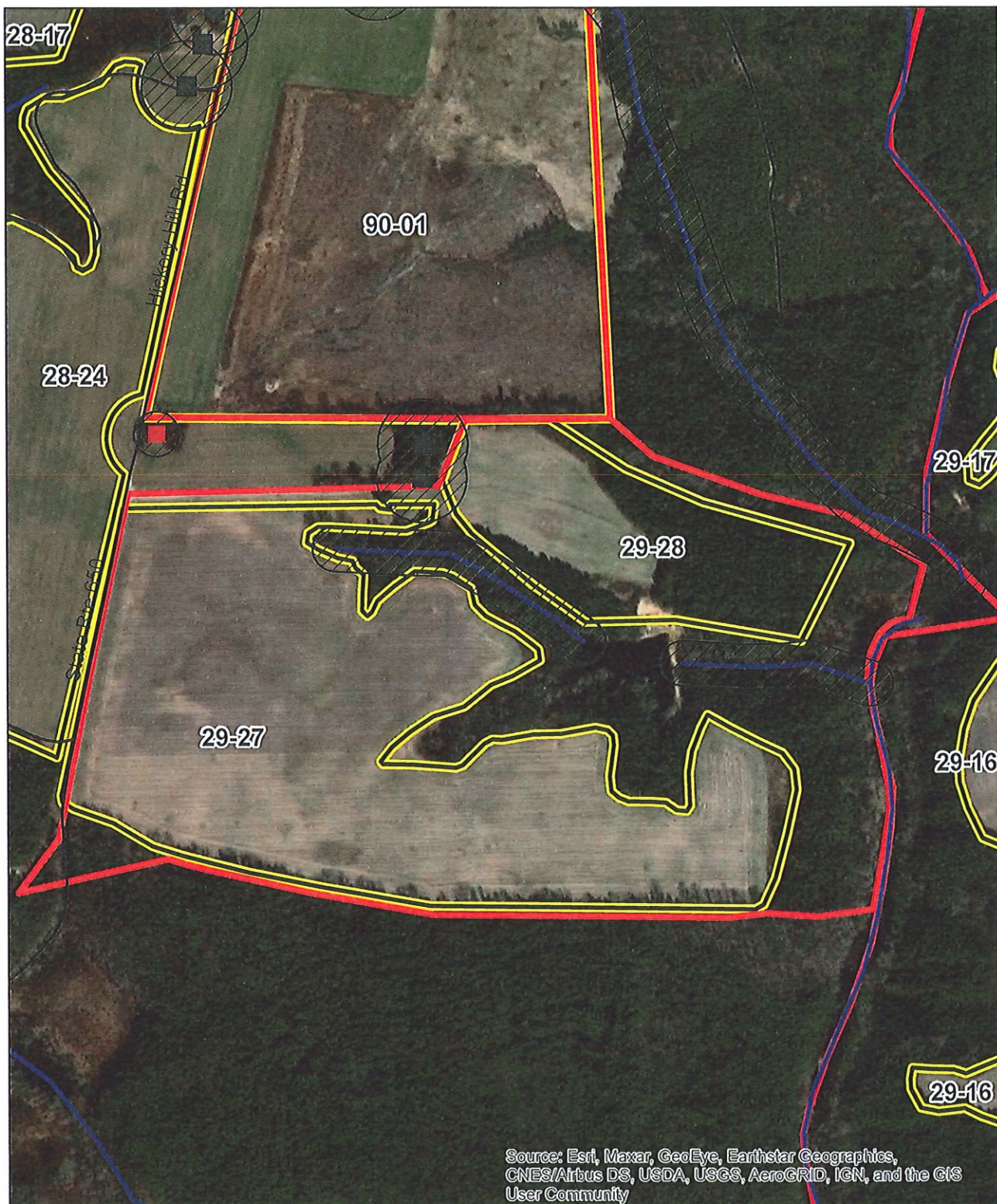
Revised 05/06/2024



1 inch = 660 feet

AERIAL MAP

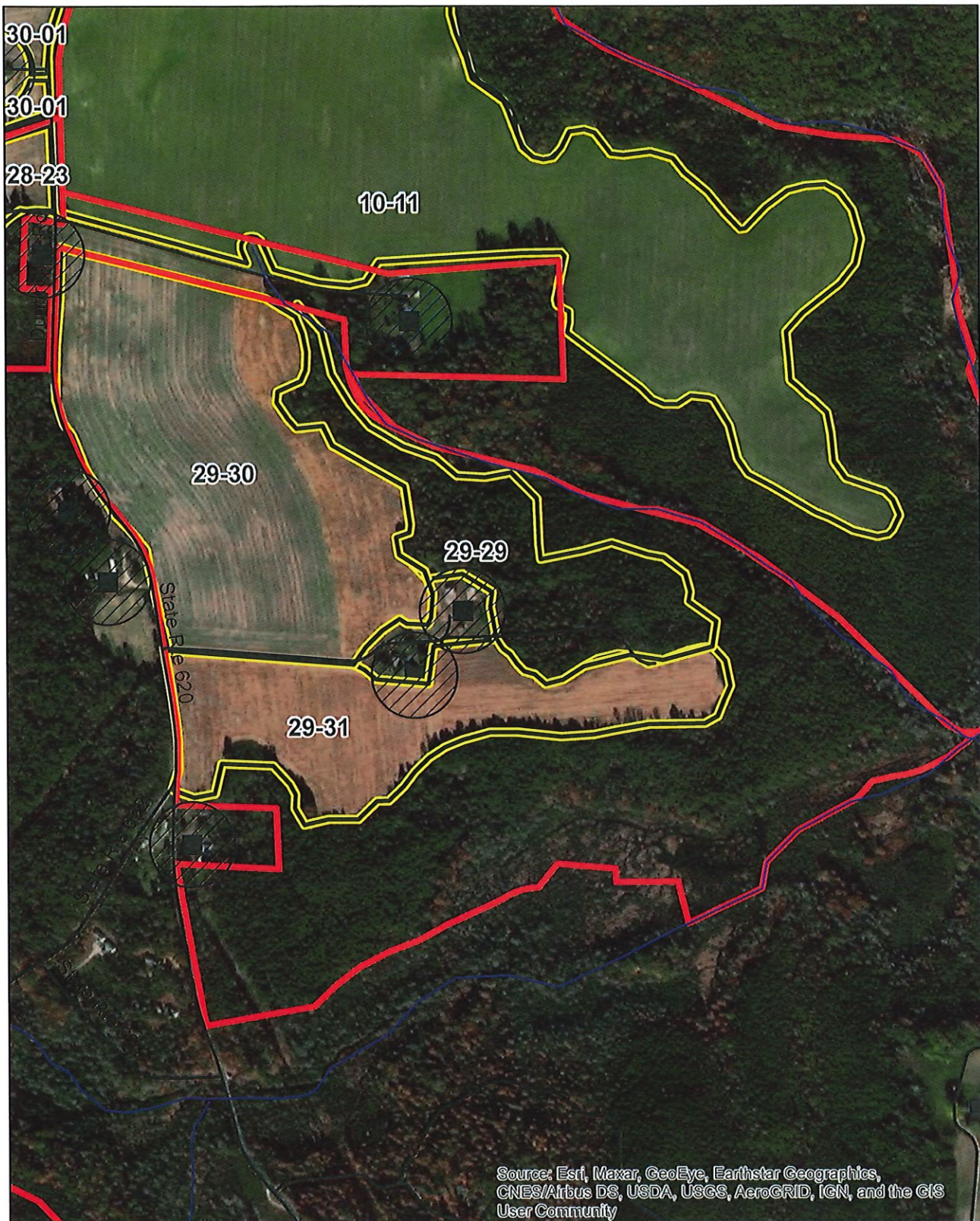
1:7,920



1 inch = 660 feet

AERIAL MAP

1:7,920

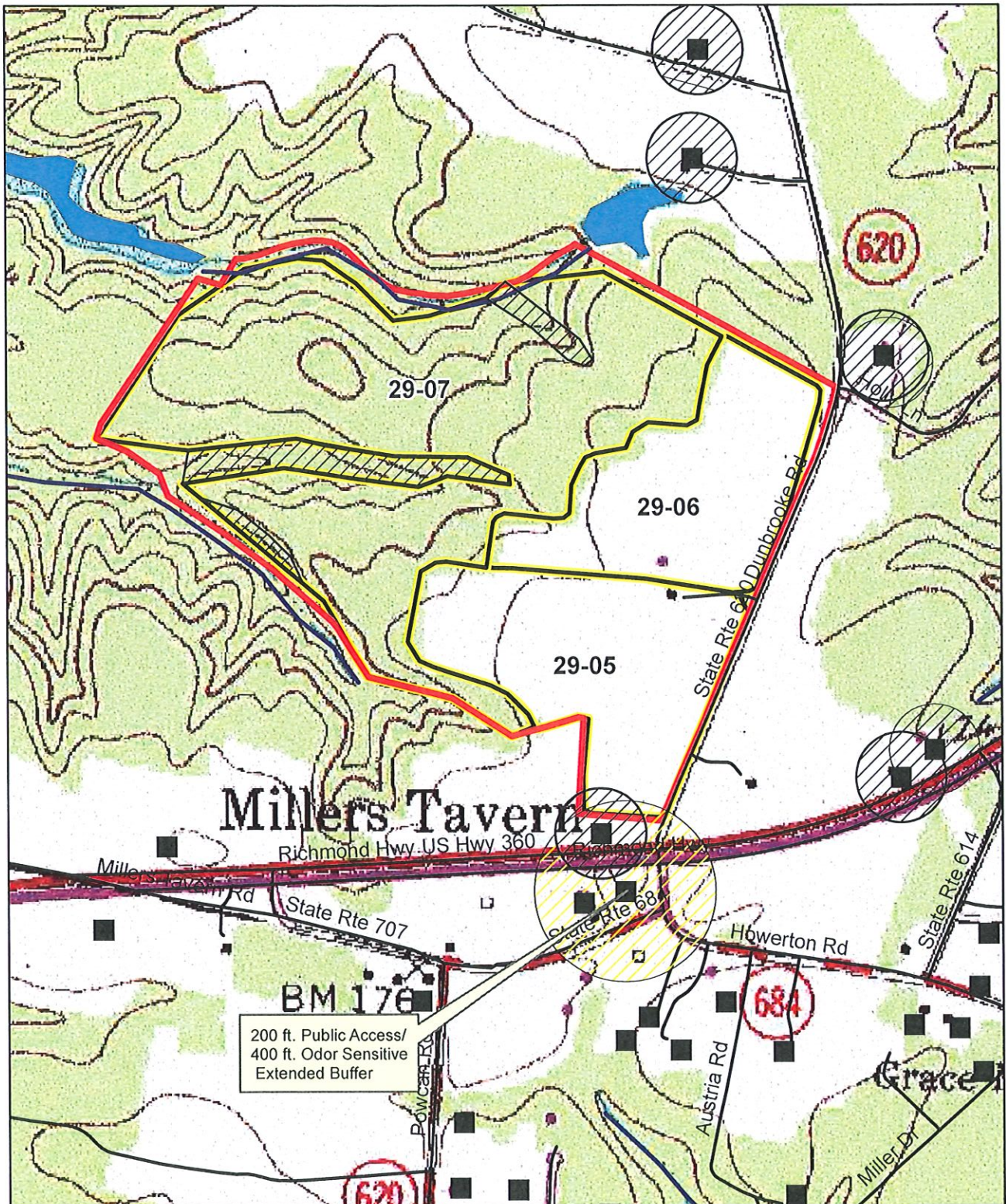


1 inch = 683 feet

AERIAL MAP

1:8,200

5/22/23



1 inch = 660 feet

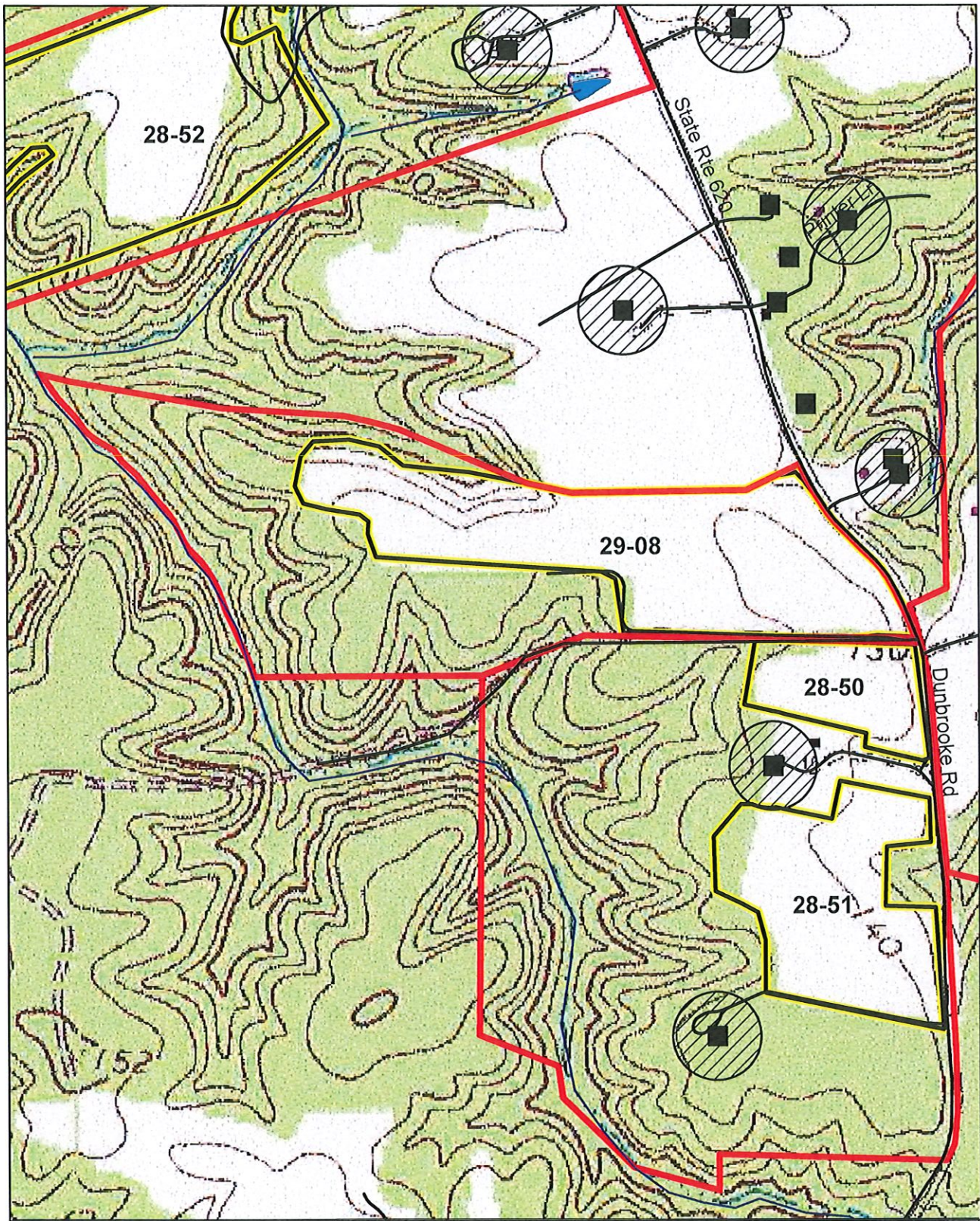
TOPO MAP

1:7,920

EXTENDED SETBACK

FIELD	ACRES
29-05	22.8
25-06	19.9
25-07	58.4

Revised 05/17/2024



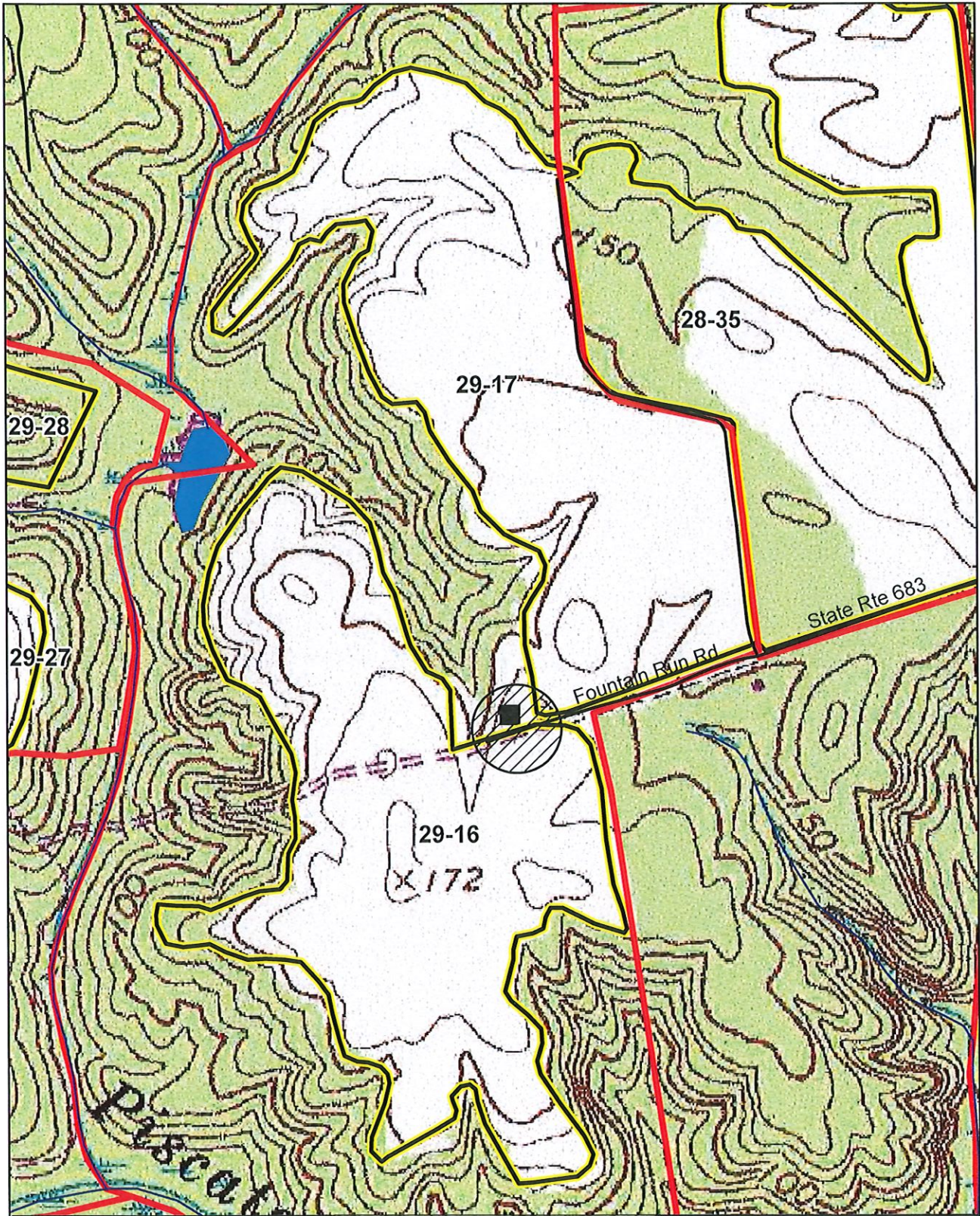
1 inch = 660 feet

TOPO MAP

1:7,920

FIELD	ACRES
29-08	30.1

5/22/23



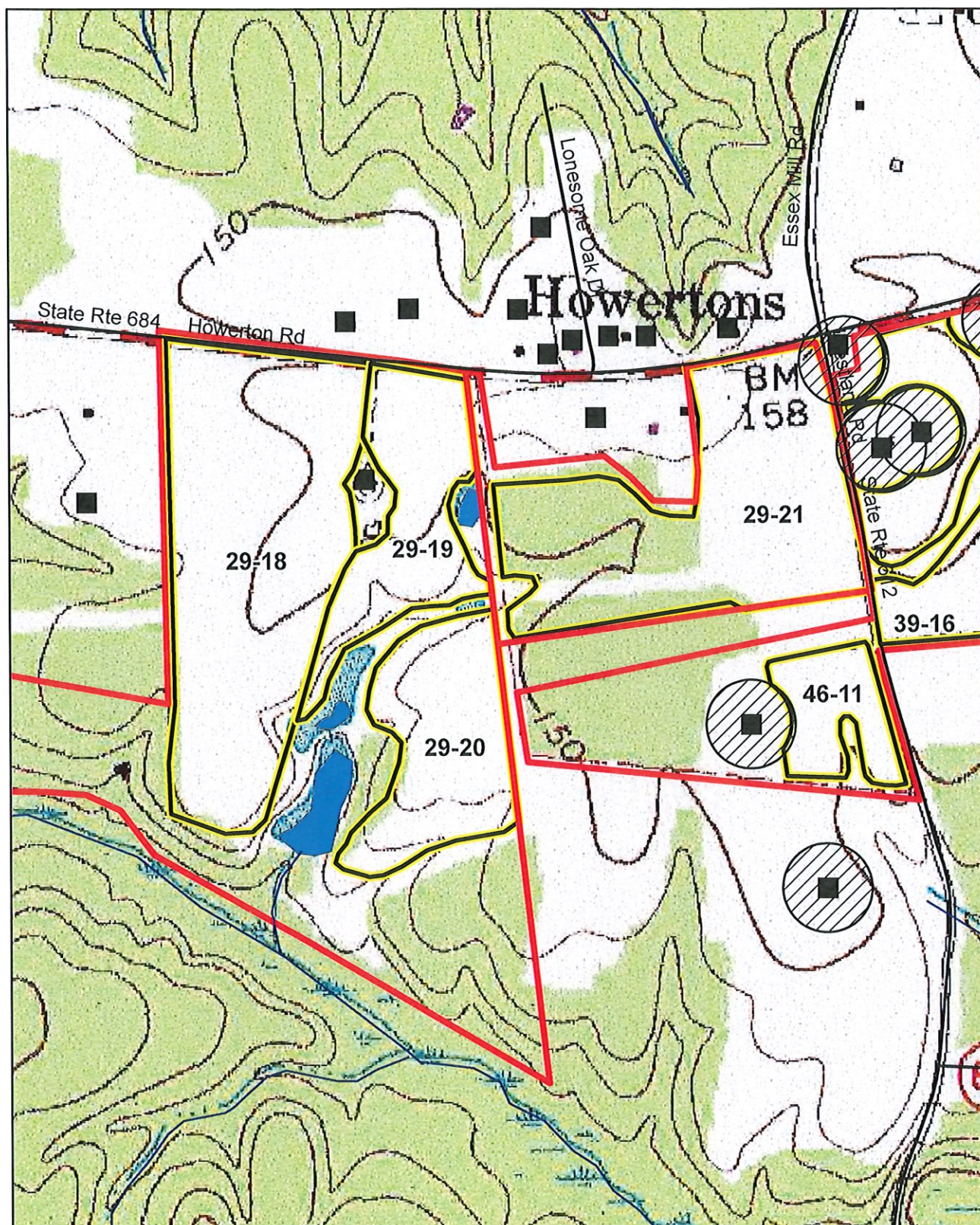
1 inch = 660 feet

TOPO MAP

1:7,920

FIELD	ACRES
29-16	72.7
29-17	69.5

5/22/23



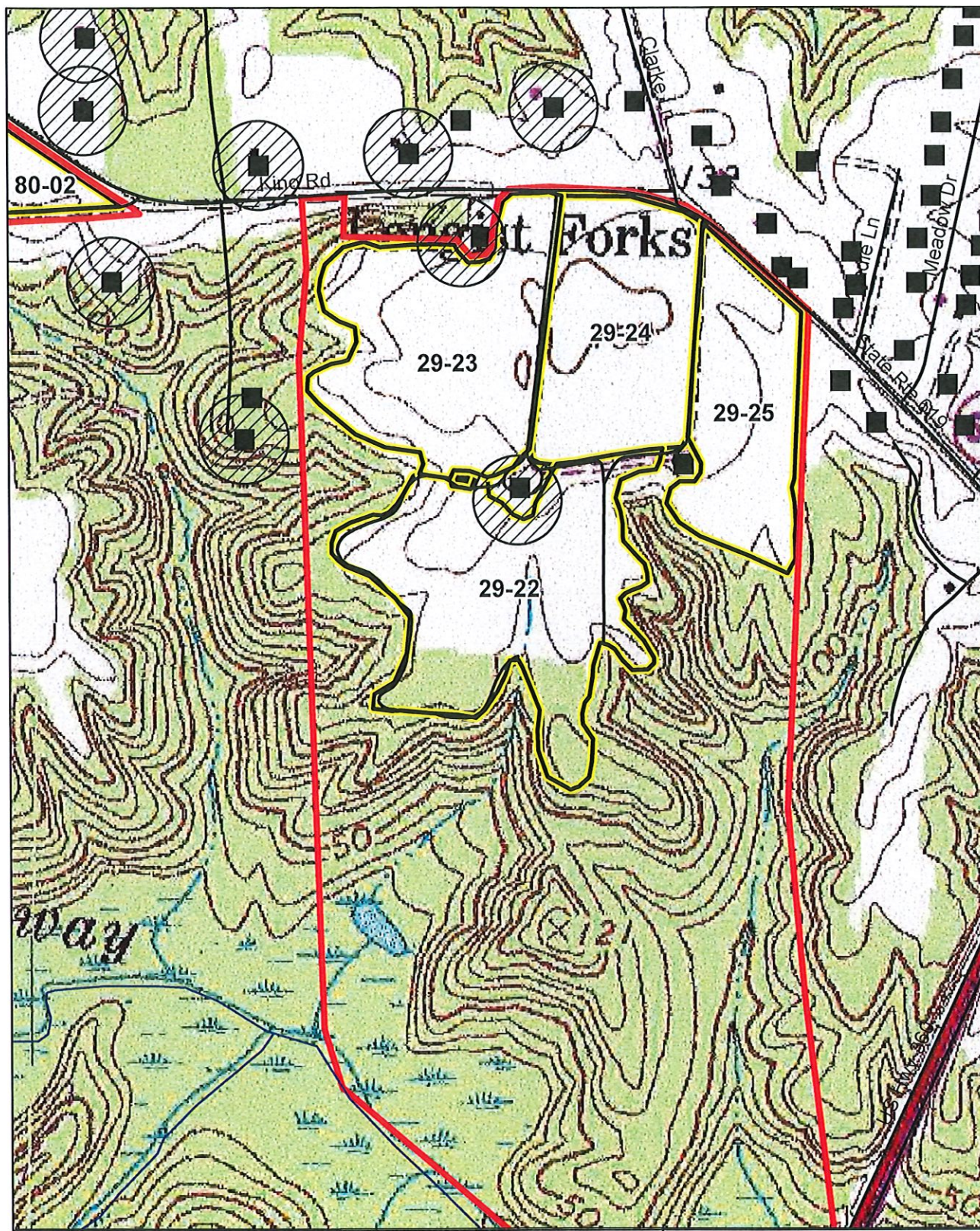
1 inch = 660 feet

TOPO MAP

1:7,920

FIELD	ACRES	FIELD	ACRES
29-18	35.0	29-20	13.8
29-19	12.6	29-21	29.2

5/22/23



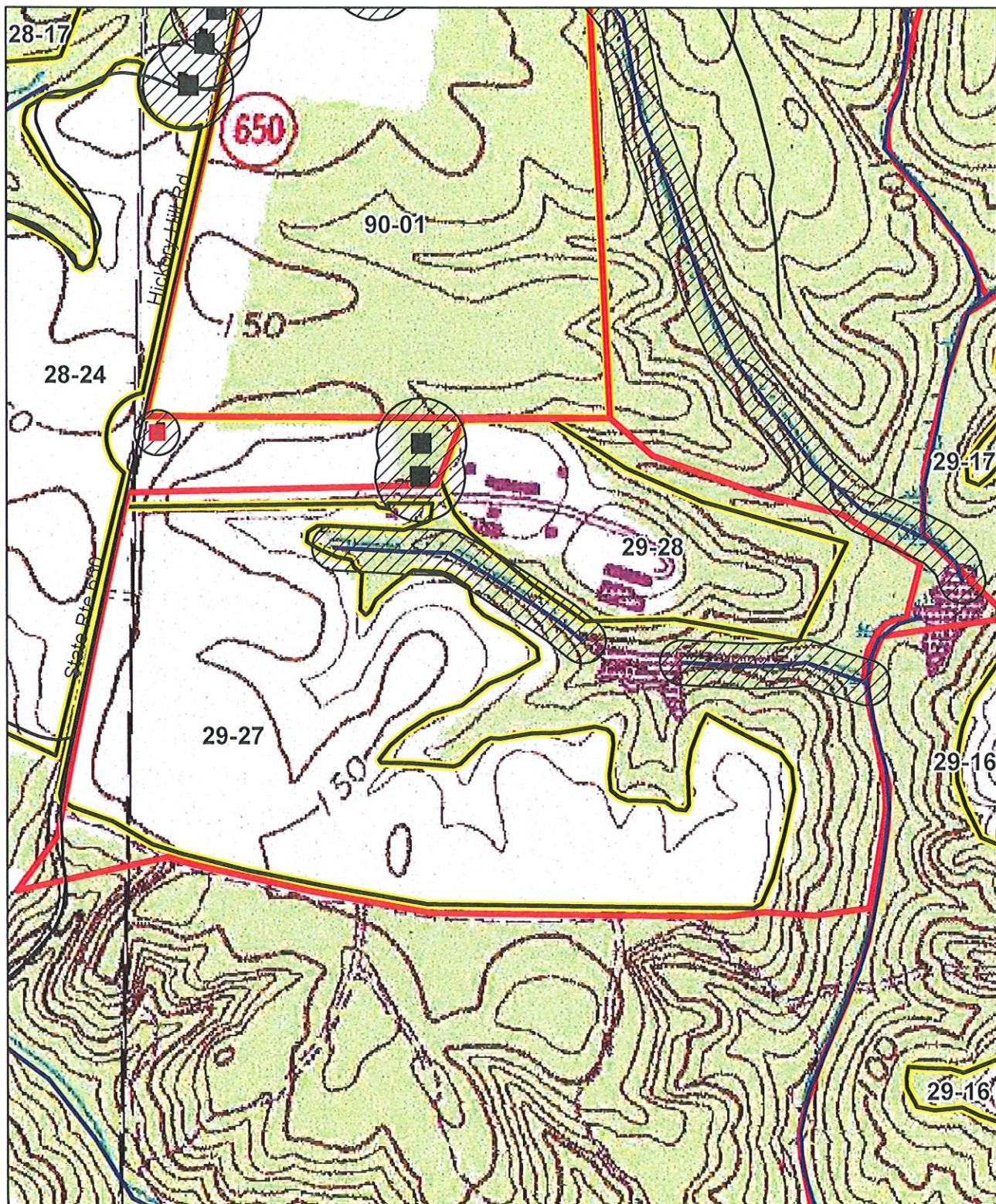
1 inch = 660 feet

TOPO MAP

1:7,920

FIELD	ACRES	FIELD	ACRES
29-22	27.2	29-24	17.6
29-23	22.2	29-25	14.2

5/22/23



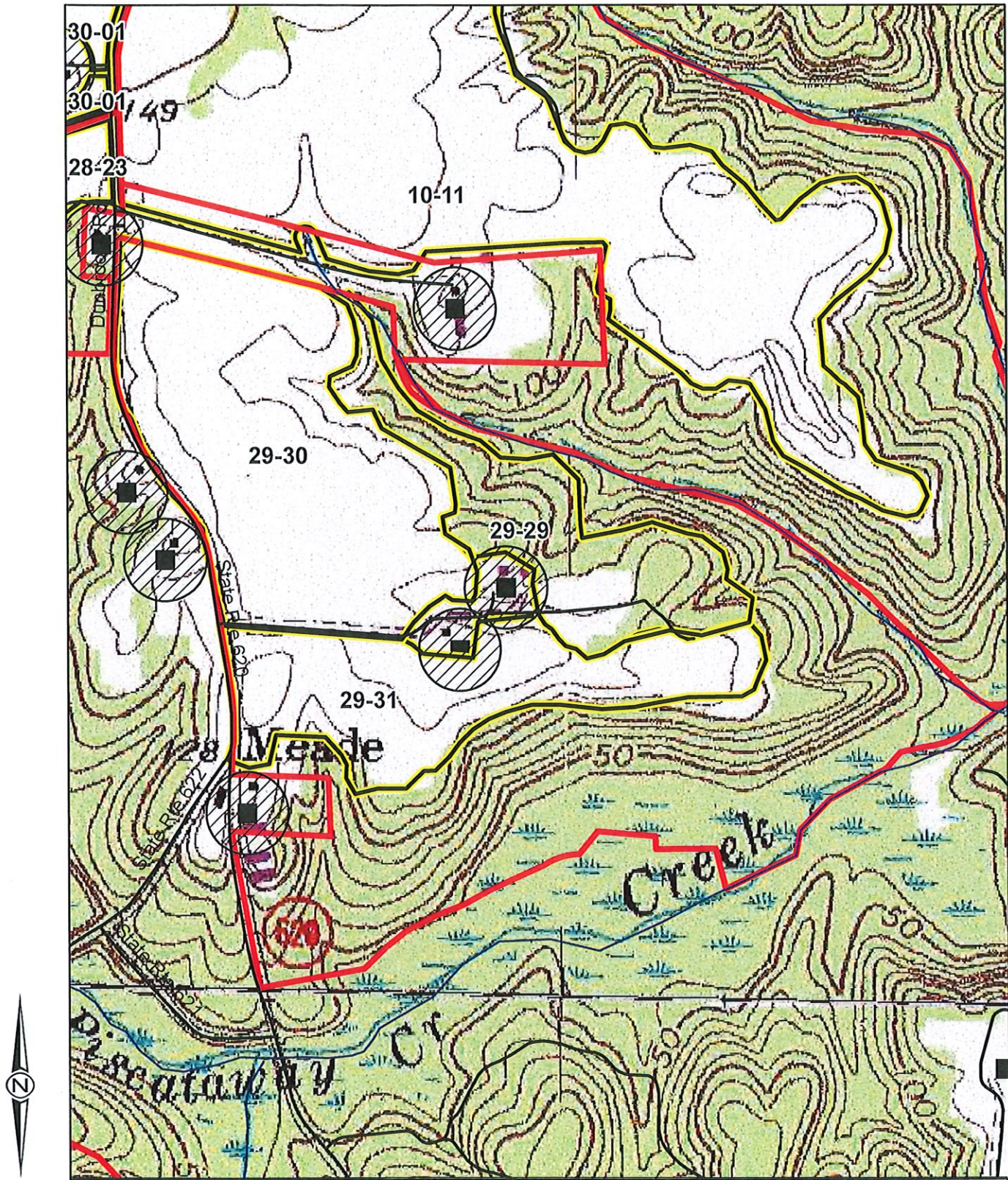
1 inch = 660 feet

TOPO MAP

1:7,920

FIELD	ACRES
29-27	78.2
29-28	23.0

Revised 05/06/2024



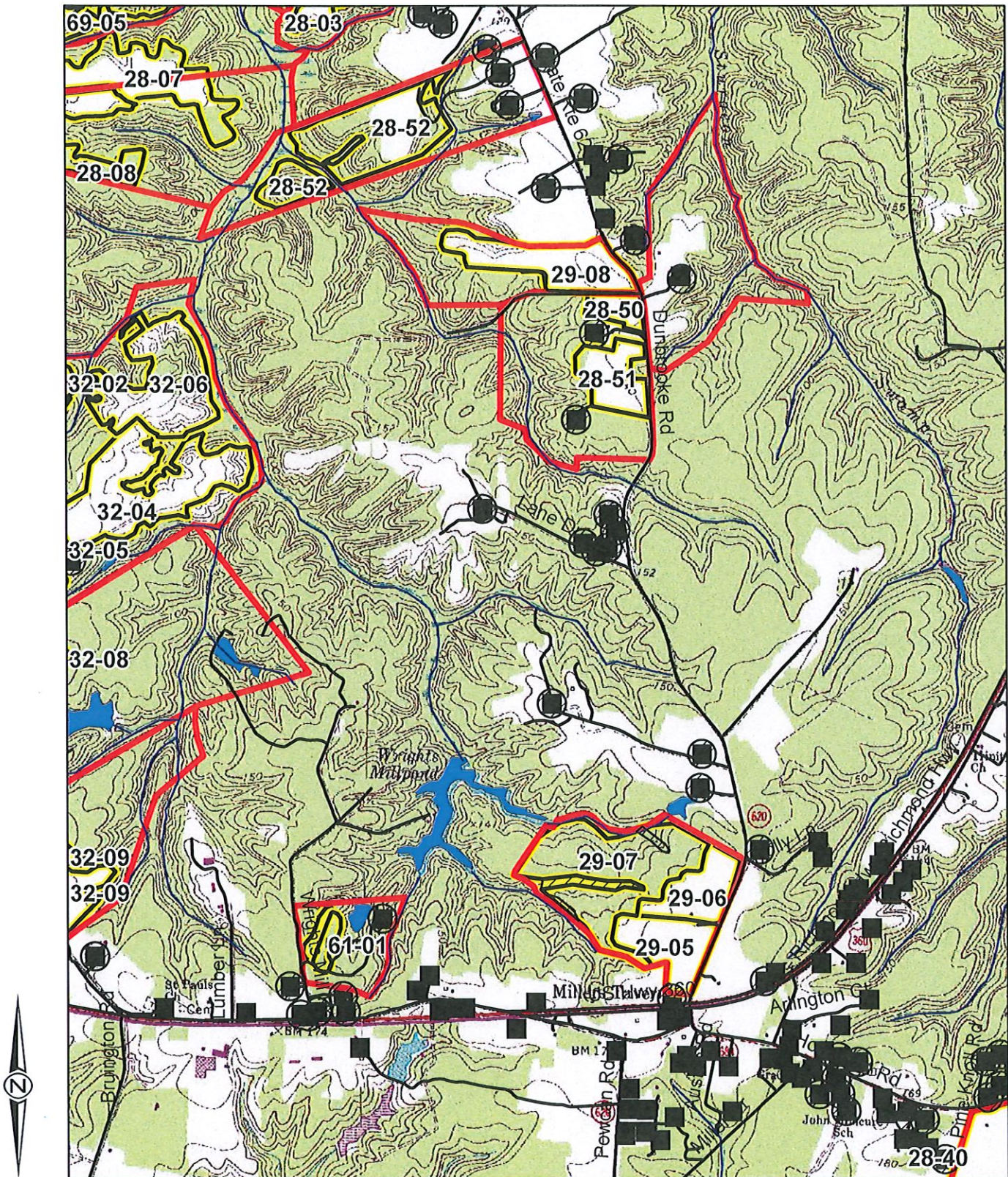
1 inch = 683 feet

TOPO MAP

1:8,200

FIELD	ACRES
29-29	21.4
29-30	49.5
29-31	27.4

5/22/23

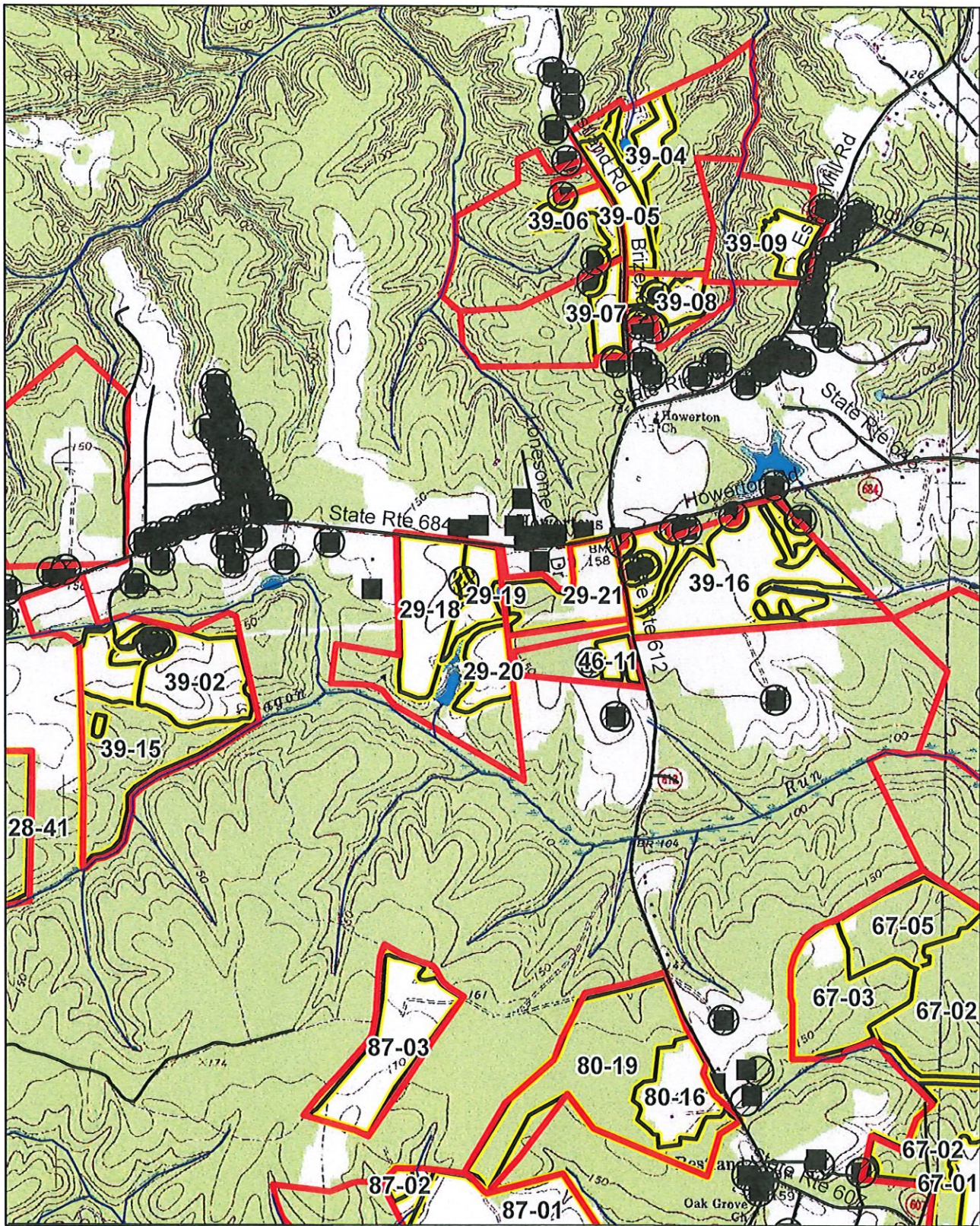


1 inch = 2,000 feet

TOPO MAP

1:24,000

5/22/23

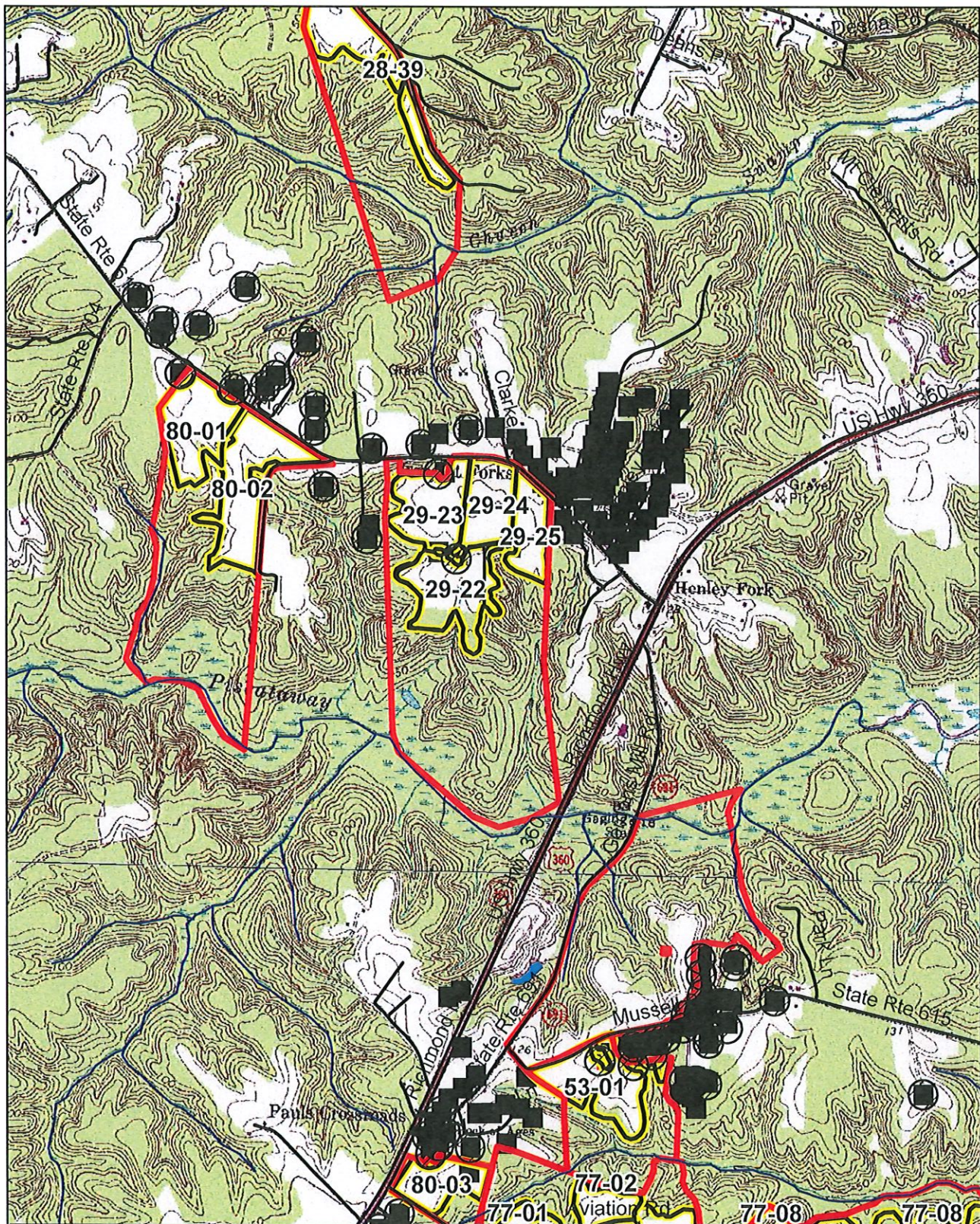


1 inch = 2,000 feet

TOPO MAP

1:24,000

5/22/23



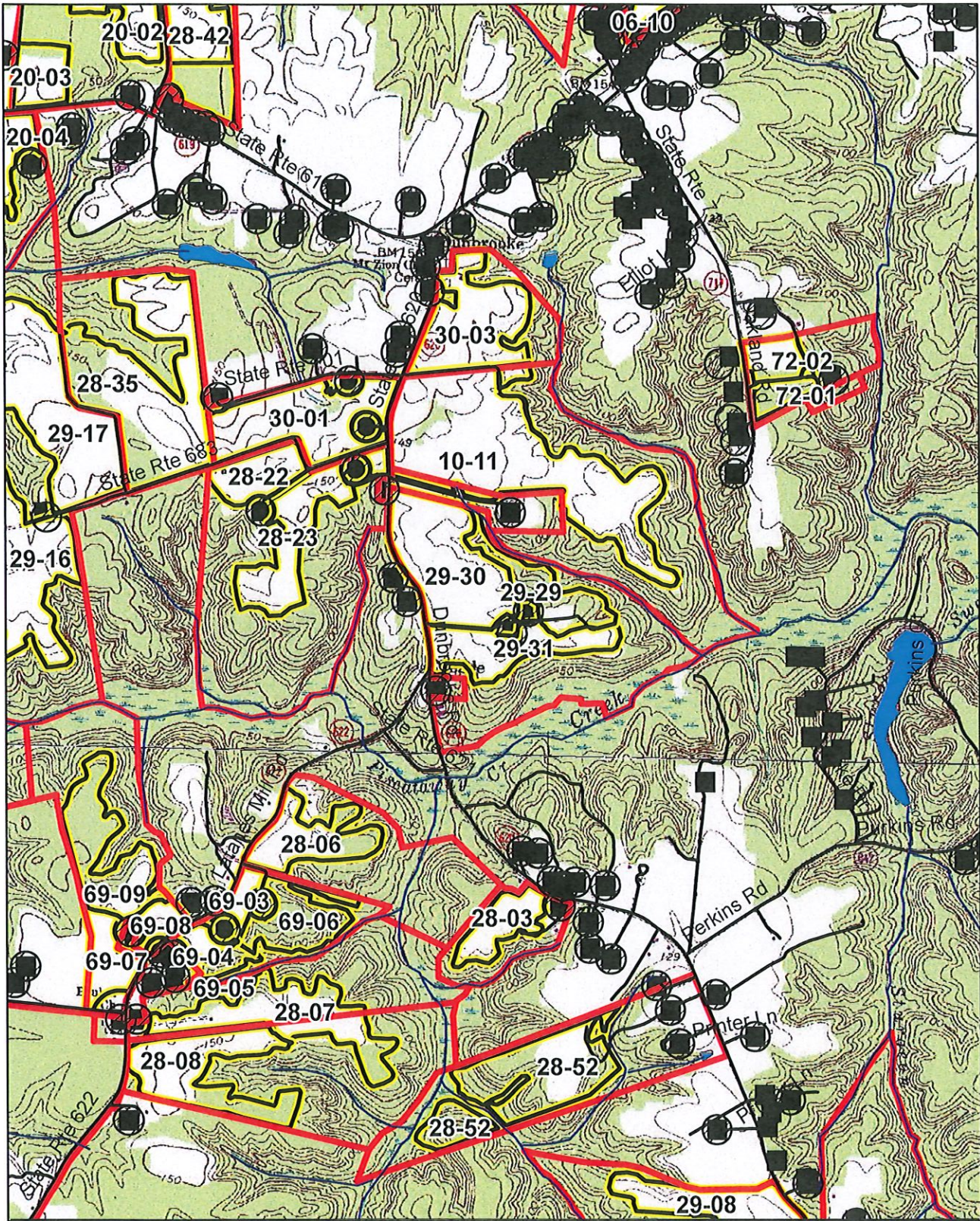
1 inch = 2,000 feet

TOPO MAP

1:24,000

5/22/23



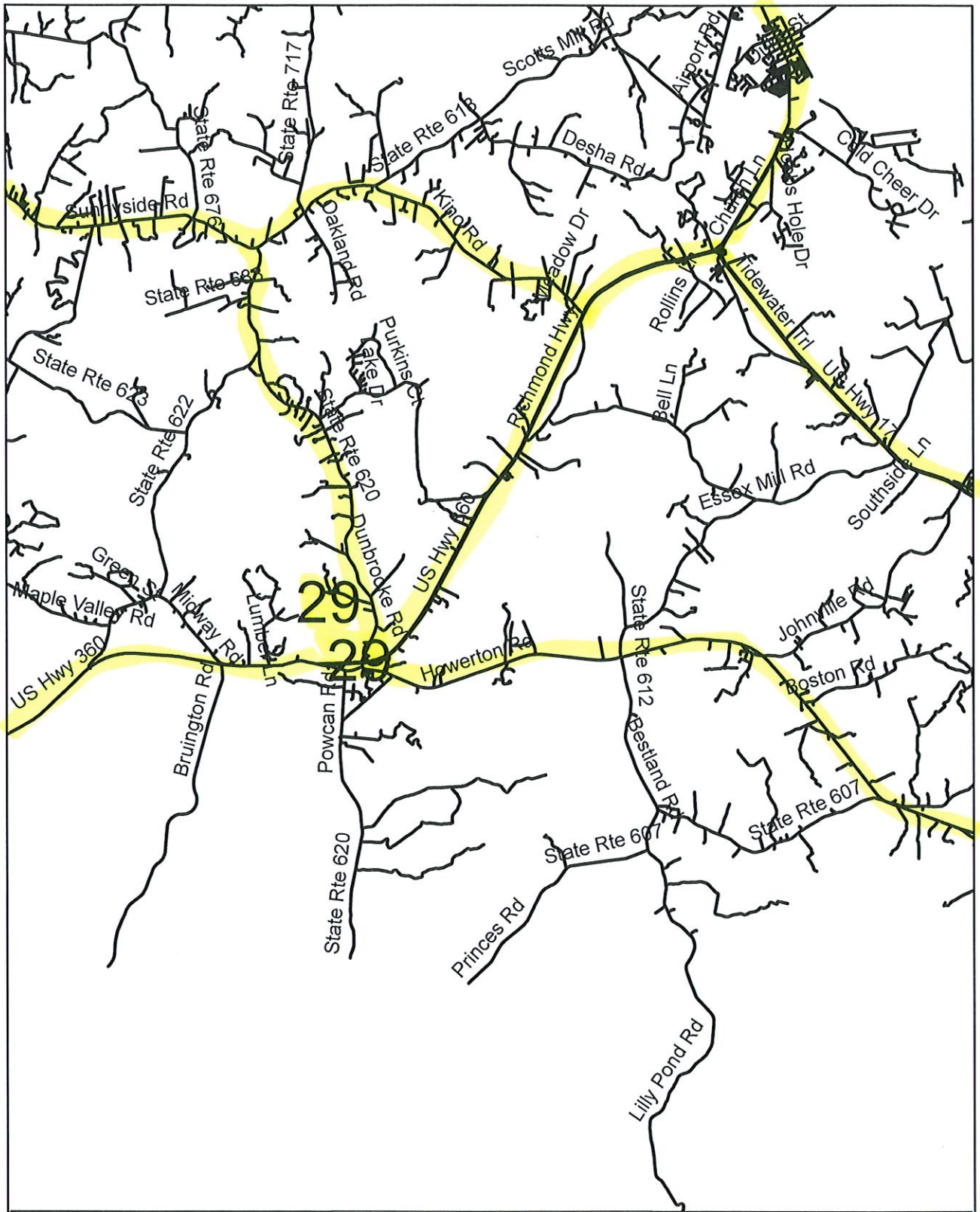


1 inch = 2,000 feet

TOPO MAP

1:24,000

5/22/23



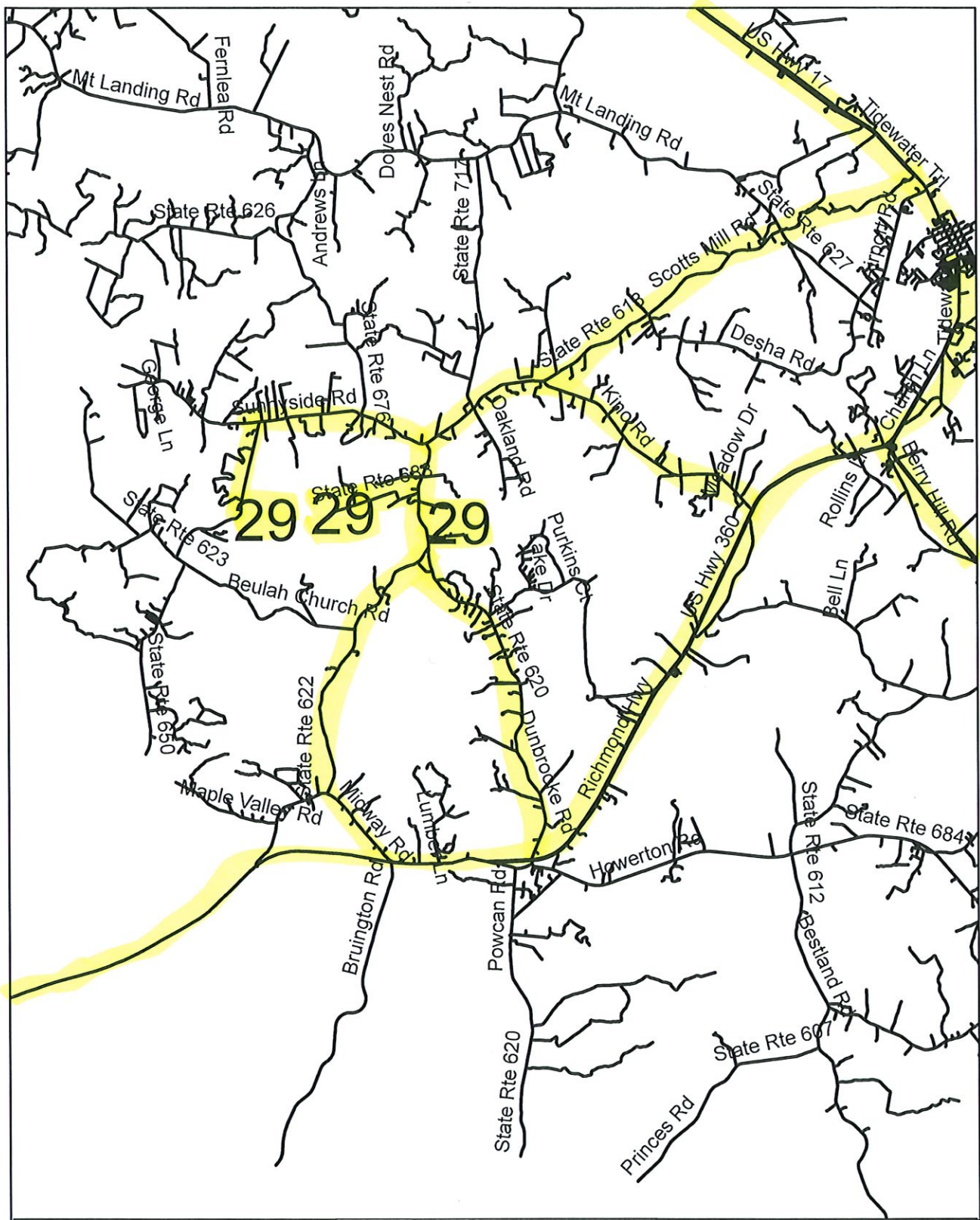
1 inch = 8,333 feet

LOCATION MAP

1:100,000

 - Haul Route


5/22/23



1 inch = 8,333 feet

LOCATION MAP

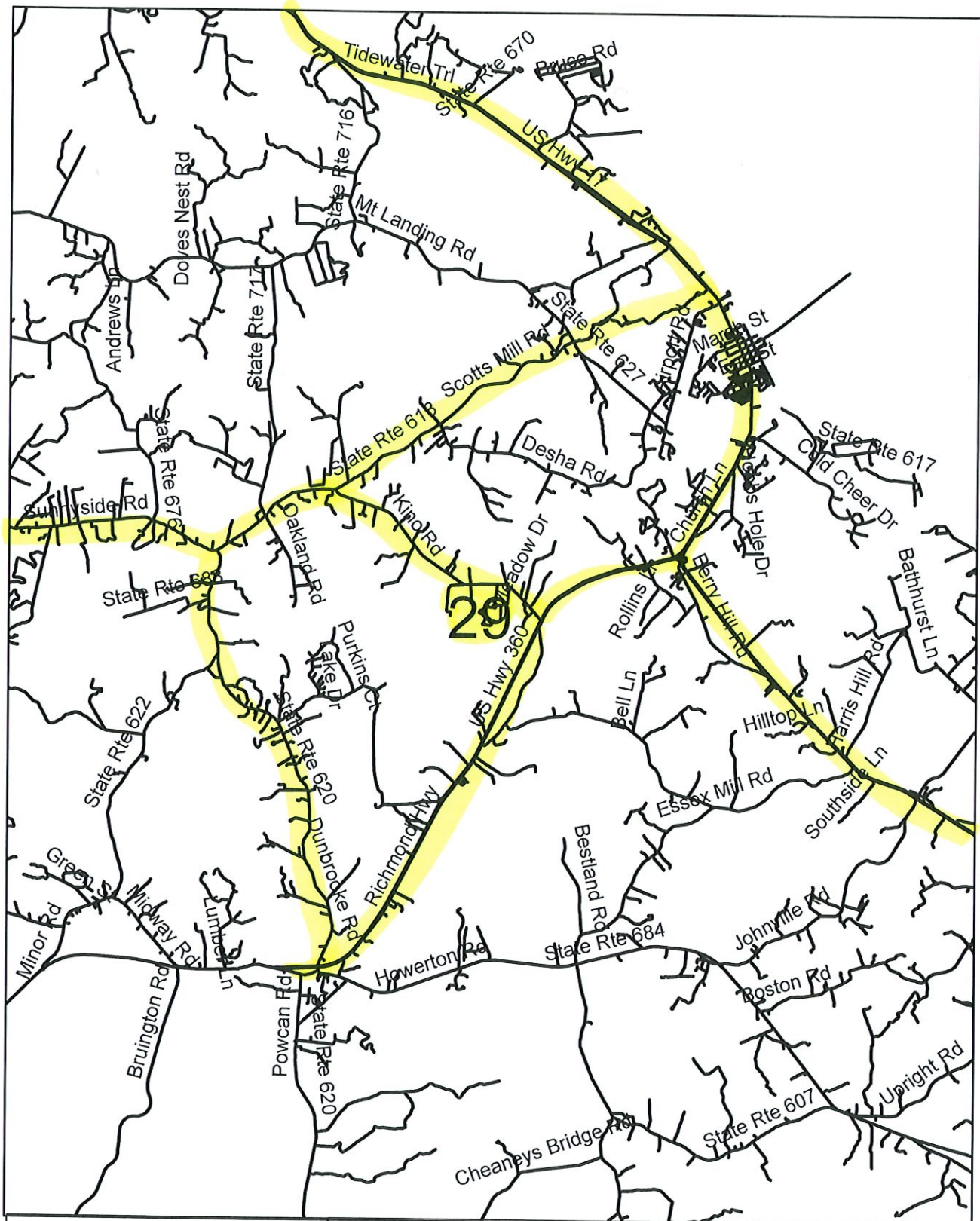
1:100,000

 - Haul Route



1:100,000

-haul Route



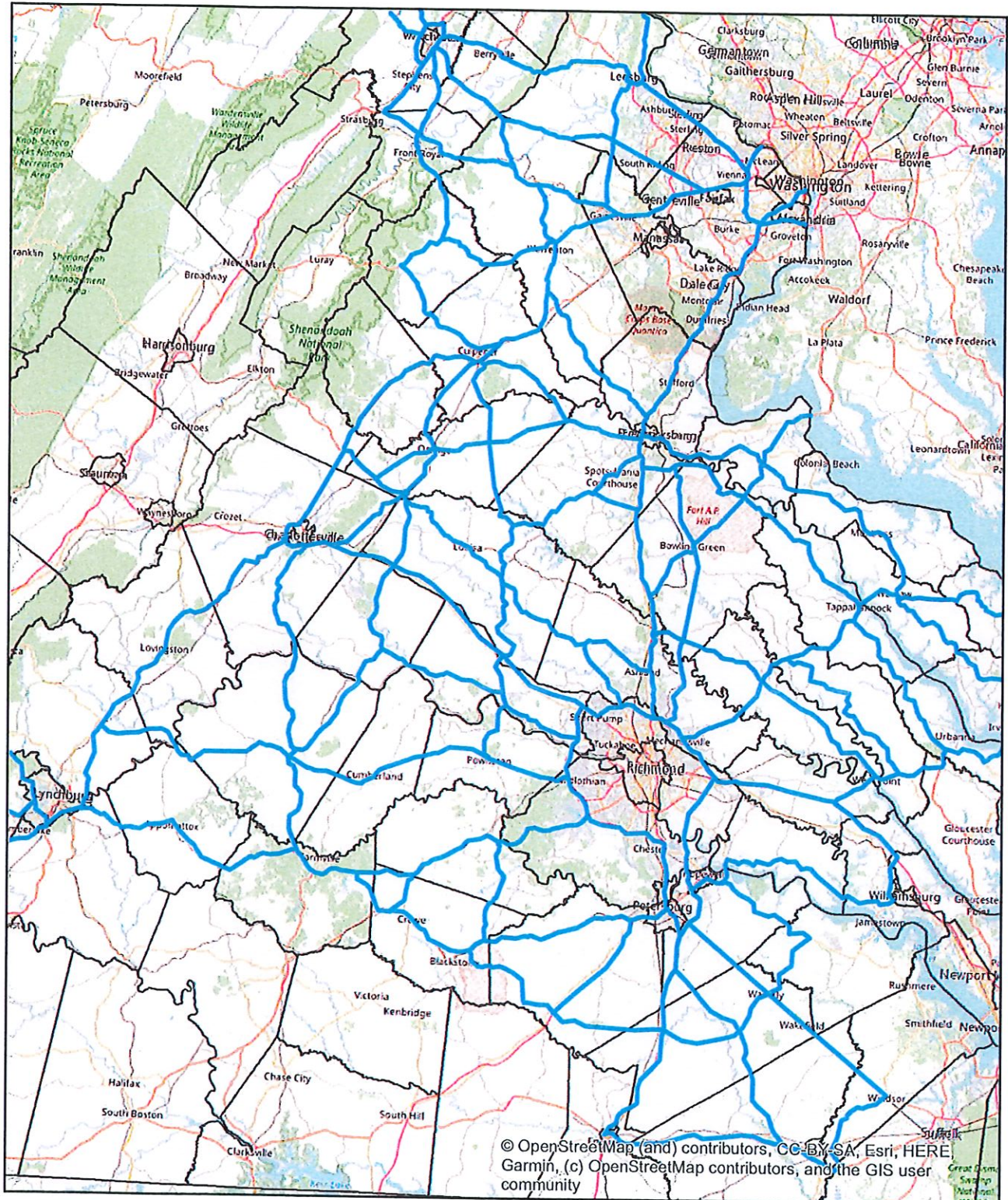
1 inch = 8,333 feet

LOCATION MAP

1:100,000

 - Haul Route

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.