

LAND APPLICATION SITE

F. SCOTT RAGSDALE

DWFSR 1 - 22

DINWIDDIE COUNTY

**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 8-5-21 between John R Raagsdale Revocable Trust referred to here as "Landowner", and Recyc Systems, Inc. referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

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

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
<u>TM-54-4</u>			
<u>TM 54-5</u>			

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

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

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

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

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

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

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

Printed name <u>John R Raagsdale Revocable Trust</u>	Mailing Address <u>16705 LANIER RD 5, PRINCE GEORGE VA</u>	Landowner Signature <u>John R. Raagsdale</u>
By: <u>John R. Raagsdale</u>	Phone No. <u>804 731 1169</u>	
Title: <u>Trustee</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:

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

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

Printed name Susan Trumbo	Mailing Address PO Box 562, Remington Virginia 22734	Permittee- Authorized Representative Signature <u>Susan Trumbo</u>
Title Technical Manager	Phone No. 540-547-3300	

Permittee: Recyc Systems, Inc County or City: Dinwiddie

Landowner: John R. Ragsdale Revocable Trust
John R. Ragsdale 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).

John Ragsdale Trustee 8-5-21
Landowner's Signature Date

John Ragsdale 16516 Gatewood Rd Dinwiddie VA 23841 8-9-2021
Operator's Signature mailing address & phone Date
Cell 804536-6360

**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 8-9-21 between Barbara Fragsdale Trust referred to here as "Landowner", and Recyc Systems, Inc. referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

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

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
<u>TM 54-4</u>			
<u>TM 54-5</u>			

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

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

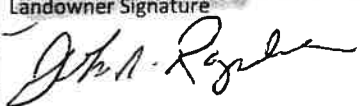
In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

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

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

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

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

Printed name <u>Barbara F. Ragsdale Trust</u>	Mailing Address <u>16705 LANIER RD 23805</u>	Landowner Signature 
By: <u>John K. Ragsdale</u>	<u>51 RAINBOW GLEN DR VA</u>	
Title: <u>Trustee</u>	Phone No: <u>804-731-1169</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:

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

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

Printed name Susan Trumbo	Mailing Address PO Box 562, Remington Virginia 22734	Permittee- Authorized Representative Signature 
Title Technical Manager	Phone No. 540-547-3300	

Permittee: Recyc Systems, Inc County or City: Dinwiddie

Landowner: Barbara F. Ragsdale Trust
John R. Ragsdale 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).

Barbara F. Ragsdale Family Trust John R. Ragsdale Trustee
 Landowner's Signature Date 8.5.21

J. Scott Ragsdale 16516 Gatewood Rd Dinwiddie, Va 23841 8-9-2021
 Operator's Signature mailing address & phone Date

Cell 804 536-6360

**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 8-9-21 between Tyler H. Ragsdale referred to here as "Landowner", and Recyc Systems, Inc. referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

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

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
<u>TM 57-63A</u>			

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

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

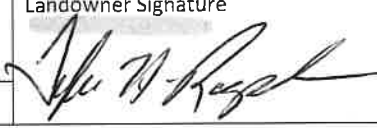
In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

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

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

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

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

Printed name <u>Tyler H. Ragsdale</u>	Mailing Address <u>16510 Gatowood Rd Dinwiddie, Va. 23841</u>	Landowner Signature 
By: <u>self</u>	Phone No. <u>804-640-1981</u>	
Title* <u>owner</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 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:

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

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

Printed name Susan Trumbo	Mailing Address PO Box 562, Remington Virginia 22734	Permittee- Authorized Representative Signature 
Title Technical Manager	Phone No. 540-547-3300	

Permittee: Recyc Systems, Inc

County or City: Dinwiddie

Landowner: Tyler H. Ragsdale

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.

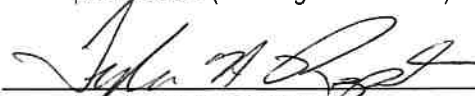
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 - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified 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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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

8-9-2021
Date


Operator's Signature

16516 Gatewood Rd Dinwiddie Va.
mailing address & phone zip 2384
cell 804-536-6360

8-9-2021
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 8-9-21 between F. Scott Ragsdale Trust referred to here as "Landowner", and Recyc Systems, Inc. referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

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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
<u>TM 57-63</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.
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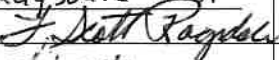
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Class B biosolids Water treatment residuals Food processing waste Other industrial sludges
 Yes No Yes No Yes No Yes No

Printed name <u>F. Scott Ragsdale Trust</u>	Mailing Address <u>16516 Gatewood Rd Dinwiddie, Va. 23841</u>	Landowner Signature 
By: <u>self</u> 	Phone No. <u>804-536-6360</u>	
Title* <u>owner/truster</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.		

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Printed name Susan Trumbo	Mailing Address PO Box 562, Remington Virginia 22734	Permittee- Authorized Representative Signature 
Title Technical Manager	Phone No. 540-547-3300	

Permittee: Recyc Systems, Inc County or City: Dinwiddie

Landowner: F. Scott Ragsdale Trust
F. Scott Ragsdale Trustee

Landowner Site Management Requirements:

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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).

F. Scott Ragsdale 8-9-2021
 Landowner's Signature Date

F. Scott Ragsdale 16516 Gatewood Rd Dinwiddie 8-9-2021
 Operator's Signature mailing address & phone Date
210 23841
804-536-6360

**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 8-9-21 between Lynda P. Ragsdale Trust referred to here as "Landowner", and Recyc Systems, Inc. referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

The Landowner is the owner of record of the real property located in Dinwiddie, 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
TM 57-60B			
TM 70-60			
TM 57-62			

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

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

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

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

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

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

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

Printed name <u>Lynda P. Ragsdale Trust</u>	Mailing Address <u>16516 Gatewood Rd Dinwiddie, Va. 23841</u>	Landowner Signature <u>Lynda P. Ragsdale</u>
By: <u>Lynda P. Ragsdale</u>	Phone No. <u>804-469-7685</u>	
Title: <u>Owner, trustee</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:

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

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

Printed name Susan Trumbo	Mailing Address PO Box 562, Remington Virginia 22734	Permittee- Authorized Representative Signature <u>[Signature]</u>
Title Technical Manager	Phone No. 540-547-3300	

Permittee: Recyc Systems, Inc County or City: Dinwiddie

Landowner: Lynda P. Ragsdale Trust
Lynda P. Ragsdale 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).

Lynda P. Ragsdale 16516 Gatewood Rd. 8-9-2021
Landowner's Signature Dinwiddie, Va. 23841 Date

J. Scott Ragsdale 16516 Gatewood Rd. Dinwiddie, Va. 8-9-2021
Operator's Signature mailing address & phone 210 23841 Date
Cell 804-536-6360

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 from original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Permittee: Recyc Systems, Inc.

Site Name: F. Scott Ragsdale

County or City: Dinwiddie County

Please Print

Signature not required on this page

Tax Parcel ID(s)	Landowner(s)
57-63	F. Scott Ragsdale Trust, F. Scott Ragsdale Trustee
57-63A	Tyler H. Ragsdale
57-60B	Lynda P. Ragsdale Trust, Lynda P. Ragsdale Trustee
70-60	Lynda P. Ragsdale Trust, Lynda P. Ragsdale Trustee
54-5	John R. Ragsdale III Revocable Trust and Barbara F. Ragsdale Trust
54-4	John R. Ragsdale III Revocable Trust and Barbara F. Ragsdale Trust
57-62	Lynda P. Ragsdale Trust, Lynda P. Ragsdale Trustee

FARM DATA SHEET

SITE NAME:	F. Scott Ragsdale	COUNTY:	Dinwiddie	
OWNER:	See Attached List	OPERATOR:	F. Scott Ragsdale	
OWNER'S ADDRESS:	See Attached List	OPERATOR'S ADDRESS:	16516 Gatewood Road Dinwiddie, VA 23841	
OWNER'S TELEPHONE:	See Attached List	OPERATOR'S TELEPHONE:	804-469-7685	
GENERAL FARM TYPE:	Hay/ Pasture/ Row Crop	CELL PHONE:	804-536-6360	
# CATTLE:	250	EMAIL:	-	
LAGOON or SLURRY: None		LATITUDE:	F 1-8, 20-21 37.041 F 9-11 37.034 F 12-19 37.084	
		TOPO QUAD: Dinwiddie and Dewitt	LONGITUDE:	F 1-8, 20-21 -77.599 F 9-11 -77.586 F 12-19 -77.731
COMMENTS:		METHOD OF DETERMINATION:	Online Maps	
			BB 5-3-23	

LANDOWNER LIST

F. SCOTT RAGSDALE FARM

DINWIDDIE COUNTY

Lynda P. Ragsdale Trust
Lynda P. Ragsdale Trustee
16516 Gatewood Road
Dinwiddie, VA 23841
804-469-7685

F. Scott Ragsdale Trust
F. Scott Ragsdale Trustee
16516 Gatewood Road
Dinwiddie, VA 23841
804-536-6360

Tyler H. Ragsdale
16510 Gatewood Road
Dinwiddie, VA 23841
804-640-1981

John R. Ragsdale Revocable Trust
John R. Ragsdale Trustee
16705 Lanier Road
S. Prince George, VA 23805
804-731-1169

Barbara F. Ragsdale Trust
John R. Ragsdale Trustee
16705 Lanier Road
S. Prince George, VA 23805
804-731-1169

**NEW FIELD CHANGES
F. SCOTT RAGSDALE
DINWIDDIE COUNTY**

- NEW FIELD 1 IS OLD FIELD FIELD 1.**
- NEW FIELD 2 IS PART OF OLD FIELD 2.**
- NEW FIELD 3 IS OLD FIELD 3.**
- NEW FIELD 4 IS OLD FIELD 4.**
- NEW FIELD 5 IS OLD FIELD 5.**
- NEW FIELD 6 IS OLD FIELDS 6 AND 20.**
- NEW FIELD 7 IS OLD FIELD 7.**
- NEW FIELD 8 IS PART OF OLD FIELD 8.**
- NEW FIELD 9 IS OLD FIELD 9.**
- NEW FIELD 10 IS OLD FIELDS 10 AND 11.**
- NEW FIELD 11 IS PART OF OLD FIELD 8.**
- NEW FIELD 12 IS OLD FIELD 12.**
- NEW FIELD 13 IS OLD FIELD 13.**
- NEW FIELD 14 IS OLD FIELD 14.**
- NEW FIELD 15 IS OLD FIELD 15.**
- NEW FIELD 16 IS OLD FIELD 16.**
- NEW FIELD 17 IS OLD FIELD 17.**
- NEW FIELD 18 IS PART OF OLD FIELD 18.**
- NEW FIELD 19 IS OLD FIELD 19.**
- NEW FIELD 20 IS PART OF OLD FIELD 18.**
- NEW FIELD 21 IS OLD FIELD 21.**
- NEW FIELD 22 IS PART OF OLD FIELD 2.**

RECYC SYSTEMS, INC

FIELD DATA SHEET

Field Identification	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map #	FSA Tract #	FSA Field #
		Water Table	Bed Rock/ Shallow	Surf/ Leach	Freq Flood				
DWFSR 01	16.2	-	-	-	-	CU 22	57-63	2040	2
DWFSR 02	22.3	-	-	-	-	CU 22	57-63 57-63A	2040	4
DWFSR 03	24.1	-	-	-	-	CU 22	57-63	2040	5
DWFSR 04	12.7	-	-	-	-	CU 22	57-63	2040	11
DWFSR 05	21.0	-	-	-	-	CU 22	57-63	2040	16
DWFSR 06	24.2	-	-	-	-	CU 22	57-63	2040	12
DWFSR 07	15.3	-	-	-	-	CU 22	57-63	2040	3
DWFSR 08	17.5	-	-	-	-	CU 22	57-63	2040	14, 15, 17
DWFSR 09	25.6	12B Dec.-Mar.	-	-	-	CU 22	70-60	2034	1
DWFSR 10	26.2	-	-	-	-	CU 22	70-60	2034	2, 4, 5, 7
DWFSR 11N	9.1	-	-	-	-	CU 22	57-63	2040	9, 25
DWFSR 12	28.9	-	-	-	-	CU 19	54-5	1659	4
DWFSR 13	41.9	-	-	-	-	CU 19	54-5	1659	3, 5, 6, 12, 17
DWFSR 14	31.2	-	-	-	-	CU 19	54-5	1659	7
DWFSR 15	23.8	-	-	-	-	CU 19	54-5	1659	2
DWFSR 16	52.0	9B Jan.-Apr. 16A Nov.-Apr.	-	-	-	CU 19	54-5	1659	1
DWFSR 17	9.3	-	-	-	-	CU 19	54-5	1659	11
DWFSR 18	8.3	-	-	-	-	CU 19	54-5	1659	9
DWFSR 19	8.1	-	-	-	-	CU 19	54-5	1659	8
DWFSR 20N	2.9	-	-	-	-	CU 19	54-5	1659	10
DWFSR 21N	5.1	-	-	-	-	CU 22	57-62	2040	10
DWFSR 22	2.4	-	-	-	-	CU 22	57-60	2040	1
TOTAL ACRES IN SITE	428.1								

NUTRIENT MANAGEMENT PLAN IDENTIFICATION

Operator

F Scott Ragsdale
16516 Gatewood Road
Dinwiddie, VA 23841
804-536-6360

Integrator:None

Farm Coordinates

Easting: 0, Northing: 0, zone: 17

Watershed Summary

watershed: CU22
county: Dinwiddie

Nutrient Management Planner

John Doe
123 Main St.
Suite #5
Blacksburg, VA 24060

Certification Code: 892

Acreage Use Summary

Total Acreage in this plan: 428.1
Cropland: 262.5
Hayland: 38.
Pasture: 127.6
Specialty: 0.

Livestock Summary

Beef Cattle 0
Dairy Cattle 0
Poultry 0
Swine 0
Other 0

Manure Production Balance

	Imported	Produced	Exported	Used	Net
kgals	0.	0.	0.	0.	0.
tons	0.	0.	0.	0.	0.

Plan written 5/3/2023
Valid until 5/3/2025

Signature: _____
Planner date

Nutrient Management Plan Balance Sheet
(Spring, 2023-Summer, 2025)
F Scott Ragsdale
Planner: John Doe (cert. No. 892)

Tract: 1659 Location: Dinwiddie
(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosid Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
4/DWFSR 12(N)	29/29	2023	Soybeans (FS)	0-60-60	0/0				0-60-60	N/A			
2, 5, 6, 12, 17/DWFSR 13(N)	42/42	2023	Grass Pasture	50-30-40	0/0				50-30-40	N/A			
7/DWFSR 14(N)	31/31	2023	Soybeans (FS)	0-60-60	0/0				0-60-60	N/A			
2/DWFSR 15(N)	24/24	2023	Fescue grass hay mt.	70-50-95	0/0				70-50-95	N/A			
1/DWFSR 16(N)	52/52	2023	Grass Pasture	50-30-40	0/0				50-30-40	N/A			
11/DWFSR 17(N)	9/9	2023	Soybeans (FS)	0-60-60	0/0				0-60-60	N/A			
9/DWFSR 18(N)	8/8	2023	Soybeans (FS)	0-60-60	0/0				0-60-60	N/A			
8/DWFSR 19(N)	8/8	2023	Soybeans (FS)	0-60-60	0/0				0-60-60	N/A			
10/DWFSR 20(N)	3/3	2023	Soybeans (FS)	0-60-60	0/0				0-60-60	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 2034

Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
1/DWFSR 9(N)	26/26	2023	Soybeans (FS)	0-60-60	0/0				0-60-60	N/A			
2, 4, 5, 7/DWFSR 10(N)	26/26	2023	Soybeans (FS)	0-60-60	0/0				0-60-60	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 2040

Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes
2/DWFSR 1(N)	16/16	2023	Grass Pasture	50-30-40	0/0				50-30-40	N/A		
4/DWFSR 2(N)	22/22	2023	Soybeans (FS)	0-60-60	0/0				0-60-60	N/A		
5/DWFSR 3(N)	24/24	2023	Soybeans (FS)	0-60-60	0/0				0-60-60	N/A		
11/DWFSR 4(N)	13/13	2023	Soybeans (FS)	0-60-60	0/0				0-60-60	N/A		
16/DWFSR 5(N)	21/21	2023	Soybeans (FS)	0-60-60	0/0				0-60-60	N/A		
12/DWFSR 6(N)	24/24	2023	Soybeans (FS)	0-60-60	0/0				0-60-60	N/A		
3/DWFSR 7(N)	15/15	2023	Soybeans (FS)	0-60-60	0/0				0-60-60	N/A		
14, 15, 17/DWFSR 8(N)	18/18	2023	Grass Pasture	50-30-40	0/0				50-30-40	N/A		
9, 25/DWFSR 11(N)	9/9	2023	Grass-clover Hay est	40-130-130	0/0				40-130-130	N/A		
		2024	Orc-grass/clover hay	0-50-95	0/0				0-180-225	N/A		
		2025	0-50-95	0/0				0-230-320	N/A		
10/DWFSR 21(N)	5/5	2023	Fescue grass hay mt.	70-50-95	0/0				70-50-95	N/A		
1/DWFSR 22(N)	2/2	2023	Soybeans (FS)	0-60-60	0/0				0-60-60	N/A		

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Soil Test Summary

Tract	Field	Acre	Date	P2O5	K2O	Lab	Soil pH	Lime Date	rec. lime tons/Ac
1659	DWFSR 12	29	[No Test]						
1659	DWFSR 13	42	[No Test]						
1659	DWFSR 14	31	[No Test]						
1659	DWFSR 15	24	[No Test]						
1659	DWFSR 16	52	[No Test]						
1659	DWFSR 17	9	[No Test]						
1659	DWFSR 18	8	[No Test]						
1659	DWFSR 19	8	[No Test]						
1659	DWFSR 20	3	[No Test]						
2034	DWFSR 9	26	[No Test]						
2034	DWFSR 10	26	[No Test]						
2040	DWFSR 1	16	[No Test]						
2040	DWFSR 2	22	[No Test]						
2040	DWFSR 3	24	[No Test]						
2040	DWFSR 4	13	[No Test]						
2040	DWFSR 5	21	[No Test]						
2040	DWFSR 6	24	[No Test]						
2040	DWFSR 7	15	[No Test]						

2040	DWFSR 8	18	[No Test]
2040	DWFSR 11	9	[No Test]
2040	DWFSR 21	5	[No Test]
2040	DWFSR 22	2	[No Test]

Field Productivities for Major Crops

Tract Name	Tract/ Field	Field Name	Acres	Predominant Soil Series	Corn	Small Grain	Alfalfa	Grass Hay	Environmental Warnings
1659	1659/4	DWFSR 12	29	Georgeville	IVa	II	III	III	
	1659/2, 5, 6	DWFSR 13	42	Herndon	IVa	II	III	III	
	1659/7	DWFSR 14	31	Herndon	IVa	II	III	III	
	1659/2	DWFSR 15	24	Herndon	IVa	II	III	III	
	1659/1	DWFSR 16	52	Herndon	IVb	III	III	III	
	1659/11	DWFSR 17	9	Herndon	IVa	II	III	III	
	1659/9	DWFSR 18	8	Iredell	IVb	III	III	III	
	1659/8	DWFSR 19	8	Georgeville	IVa	II	III	III	
	1659/10	DWFSR 20	3	Georgeville	IVa	II	III	II	
2034	2034/1	DWFSR 9	26	Appling	IVa	II	III	III	
	2034/2, 4, 5	DWFSR 10	26	Appling	IVa	II	III	III	
2040	2040/2	DWFSR 1	16	Appling	IVa	II	III	III	
	2040/4	DWFSR 2	22	Appling	IVa	II	III	III	
	2040/5	DWFSR 3	24	Appling	IVa	II	III	III	
	2040/11	DWFSR 4	13	Appling	IVa	II	III	III	
	2040/16	DWFSR 5	21	Appling	IVa	II	III	III	
	2040/12	DWFSR 6	24	Appling	IVa	II	III	III	
	2040/3	DWFSR 7	15	Appling	IVa	II	III	III	
	2040/14, 15, 25	DWFSR 8	18	Appling	IVa	II	III	III	
	2040/9, 25	DWFSR 11	9	Appling	IVa	II	III	III	
	2040/10	DWFSR 21	5	Appling	IVb	III	III	III	
	2040/1	DWFSR 22	2	Appling	IVa	II	III	III	

Yield Range

Field Productivity Group	Corn Grain Bu/Acre	Barley/Intensive Wheat Bu/Acre	Std. Wheat Bu/Acre	Alfalfa Tons/Acre	Grass/Hay Tons/Acre
I	>170	>80	>64	>6	>4.0
II	150-170	70-80	56-64	4-6	3.5-4.0
III	130-150	60-70	48-56	<4	3.0-3.5

IV
V

100-130
<100

50-60
<50

40-48
<40

NA
NA

<3.0
NA

Farm Summary Report

Plan: **New Plan** **Spring, 2023 - Summer, 2025**

Farm Name: **F Scott Ragsdale**

Location: Dinwiddie

Specialist: John Doe

N-based Acres: 428.1

P-based Acres: 0.0

Tract Name: **1659**

FSA Number: 1659

Location: Dinwiddie

Field Name: **DWFSR 12**

Total Acres: 28.90 Usable Acres: 28.90

FSA Number: 4

Tract: 1659

Location: Dinwiddie

Slope Class: C Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
23	10C	Herndon
23	8B	Georgeville
54	8C	Georgeville

Field Warnings:

Field Name: DWFSR 13
Total Acres: 41.90 Usable Acres: 41.90
FSA Number: 2, 5, 6, 12, 17
Tract: 1659
Location: Dinwiddie
Slope Class: C Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
25	8B	Georgeville
19	10B	Herndon
56	10C	Herndon

Field Warnings:

Field Name: DWFSR 14
Total Acres: 31.20 Usable Acres: 31.20
FSA Number: 7
Tract: 1659
Location: Dinwiddie
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
21	10C	Herndon
46	10B	Herndon
34	8B	Georgeville

Field Warnings:

Field Name: DWFSR 15

Total Acres: 23.80 Usable Acres: 23.80

FSA Number: 2

Tract: 1659

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

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
46	8B	Georgeville
44	10B	Herndon
10	10C	Herndon

Field Warnings:

Field Name: **DWFSR 16**

Total Acres: 52.00 Usable Acres: 52.00

FSA Number: 1

Tract: 1659

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

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
20	10C	Herndon
22	10B	Herndon

2 16A Roanoke
30 8B Georgeville
27 9B Helena

Field Warnings:

Field Name: **DWFSR 17**
Total Acres: 9.30 Usable Acres: 9.30
FSA Number: 11
Tract: 1659
Location: Dinwiddie
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
21	8B	Georgeville
55	10B	Herndon
24	10C	Herndon

Field Warnings:

Field Name: **DWFSR 18**
Total Acres: 8.30 Usable Acres: 8.30
FSA Number: 9
Tract: 1659
Location: Dinwiddie
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
34	10B	Herndon
35	11B	Iredell
31	8B	Georgeville

Field Warnings:

Field Name: DWFSR 19

Total Acres: 8.10 Usable Acres: 8.10

FSA Number: 8

Tract: 1659

Location: Dinwiddie

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
47	8B	Georgeville
17	2C	Appling
34	10B	Herndon
3	16A	Roanoke

Field Warnings:

Field Name: DWFSR 20

Total Acres: 2.90 Usable Acres: 2.90

FSA Number: 10

Tract: 1659

Location: Dinwiddie

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
31	10B	Herndon
69	8B	Georgeville

Field Warnings:

Tract Name: 2034

FSA Number: 2034

Location: Dinwiddie

Field Name: DWFSR 9

Total Acres: 25.60 Usable Acres: 25.60

FSA Number: 1

Tract: 2034

Location: Dinwiddie

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
75	2B	Appling
20	2C	Appling
5	12B	Mattaponi

Field Warnings:

Field Name: DWFSR 10

Total Acres: 26.20 Usable Acres: 26.20

FSA Number: 2, 4, 5, 7

Tract: 2034

Location: Dinwiddie

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
98	2B	Appling
2	2C	Appling

Field Warnings:

Tract Name: 2040

FSA Number: 2040

Location: Dinwiddie

Field Name: DWFSR 1

Total Acres: 16.20 Usable Acres: 16.20

FSA Number: 2

Tract: 2040

Location: Dinwiddie

Slope Class: C Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

FSA Number: 5
Tract: 2040
Location: Dinwiddie
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
99	2B	Appling
1	2C	Appling

Field Warnings:

Field Name: DWFSR 4

Total Acres: 12.70 Usable Acres: 12.70
FSA Number: 11
Tract: 2040
Location: Dinwiddie
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

FSA Number: 12
Tract: 2040
Location: Dinwiddie
Slope Class: C Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
52	2B	Appling
48	2C	Appling

Field Warnings:

Field Name: DWFSR 7

Total Acres: 15.30 Usable Acres: 15.30

FSA Number: 3

Tract: 2040

Location: Dinwiddie

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
23	2C	Appling
77	2B	Appling

Field Warnings:

Field Name: **DWFSR 8**
Total Acres: 17.50 Usable Acres: 17.50
FSA Number: 14, 15, 17
Tract: 2040
Location: Dinwiddie
Slope Class: C Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE PH P K Lab
[NO TEST]

Soils:

PERCENT	SYMBOL	SOIL SERIES
43	2B	Appling
57	2C	Appling

Field Warnings:

Field Name: DWFSR 11

Total Acres: 9.10 Usable Acres: 9.10

FSA Number: 9, 25

Tract: 2040

Location: Dinwiddie

Slope Class: C Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
78	2C	Appling
22	2B	Appling

Field Warnings:

Field Name: DWFSR 21

Total Acres: 5.10 Usable Acres: 5.10

FSA Number: 10

Tract: 2040

Location: Dinwiddie

Slope Class: C Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

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	2B	Appling
61	2C	Appling
32	2D	Appling

Field Warnings:

Field Name: DWFSR 22

Total Acres: 2.40 Usable Acres: 2.40

FSA Number: 1

Tract: 2040

Location: Dinwiddie

Slope Class: C Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
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[NO TEST]

Soils:

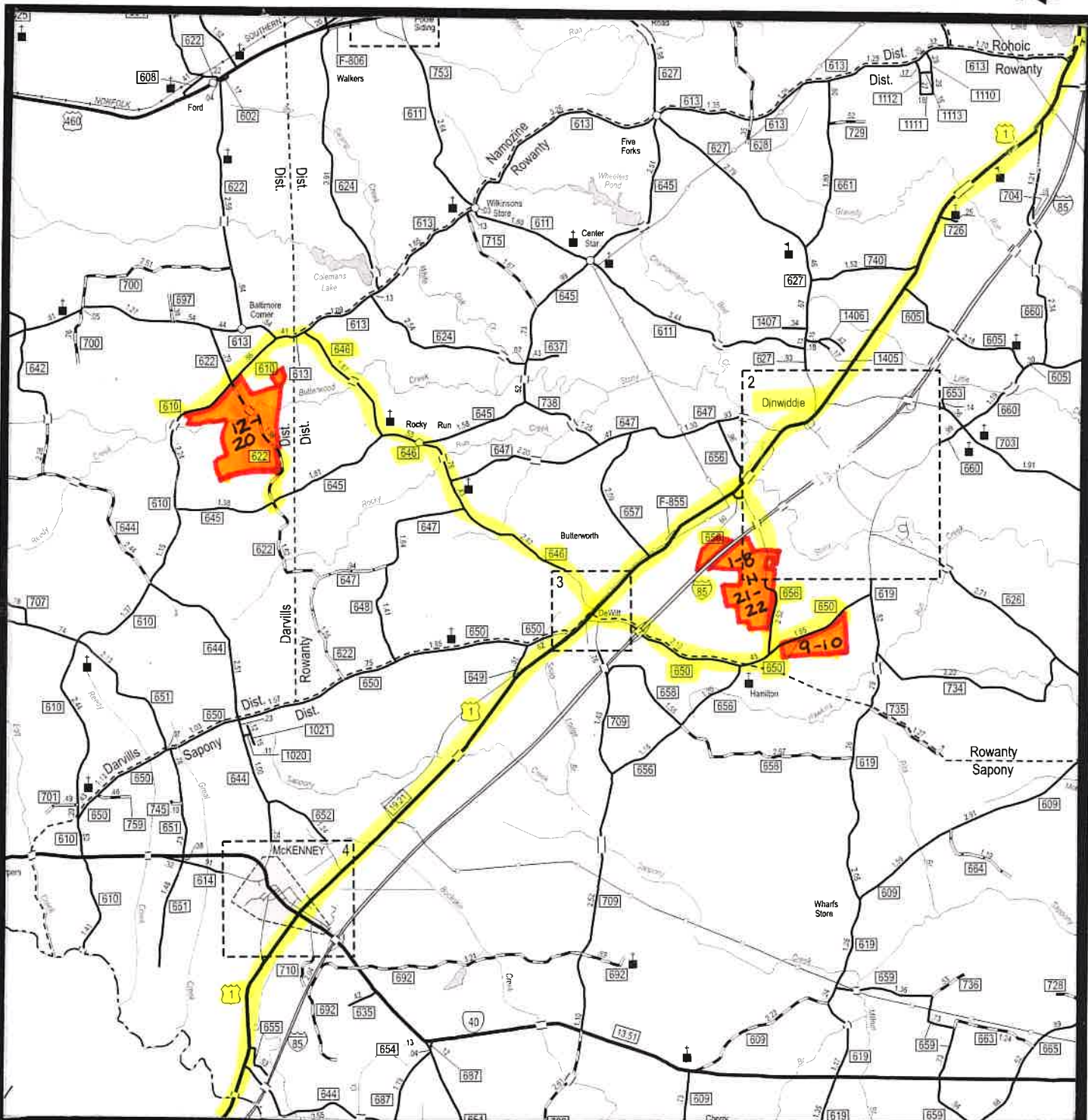
PERCENT	SYMBOL	SOIL SERIES
65	2C	Appling
35	2B	Appling

Field Warnings:

MAPS

Recyc SystemsTM Inc.

(Biosolids Land Application)



Scale: 1" = 2 miles

DWFSR

Truck Route marked
in Yellow

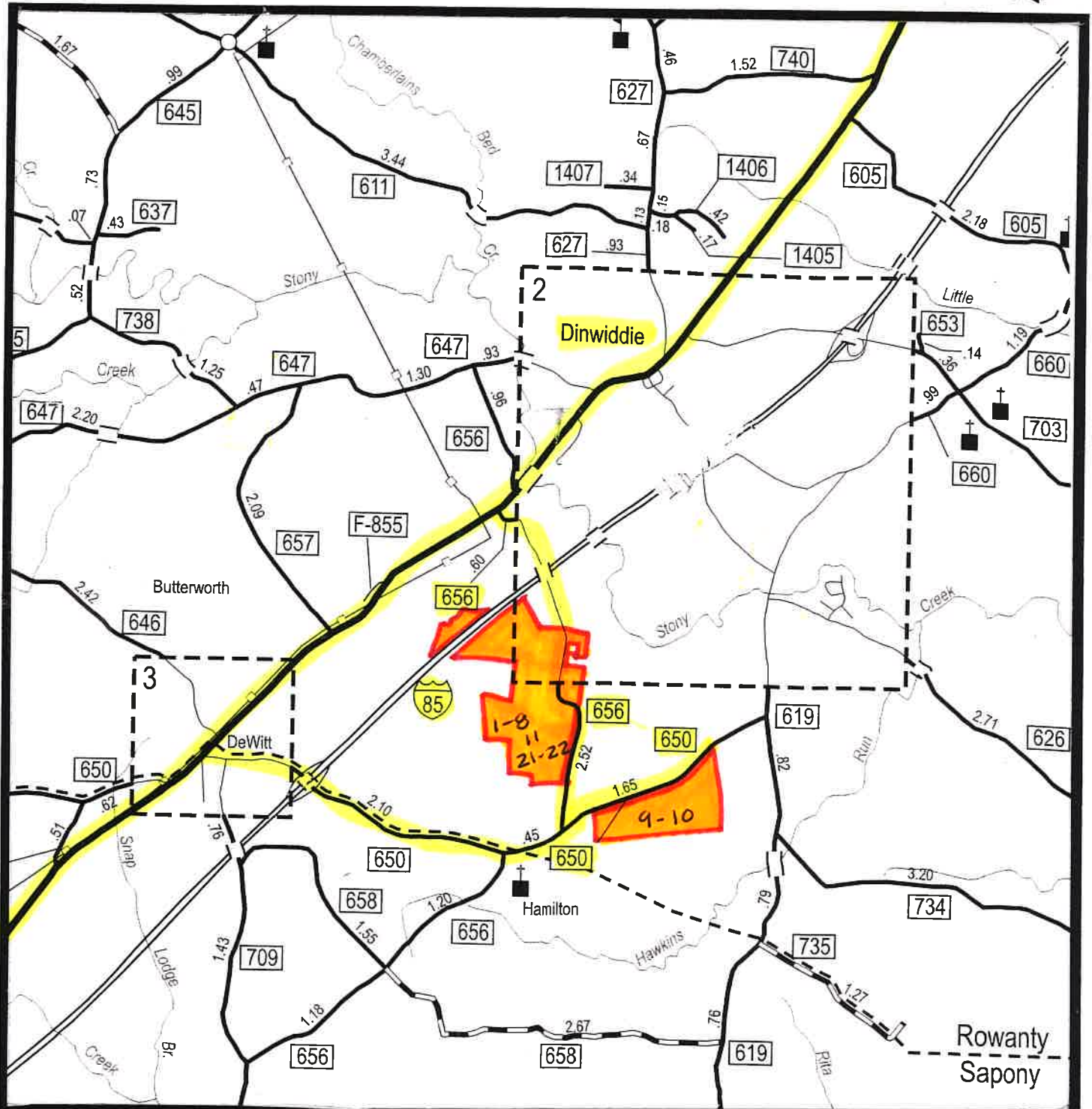
5-3-23

VICINITY MAP



Recyc SystemsTM Inc.

(Biosolids Land Application)



Scale: 1" = 1 mile

DWFSR

Truck Route marked
in Yellow

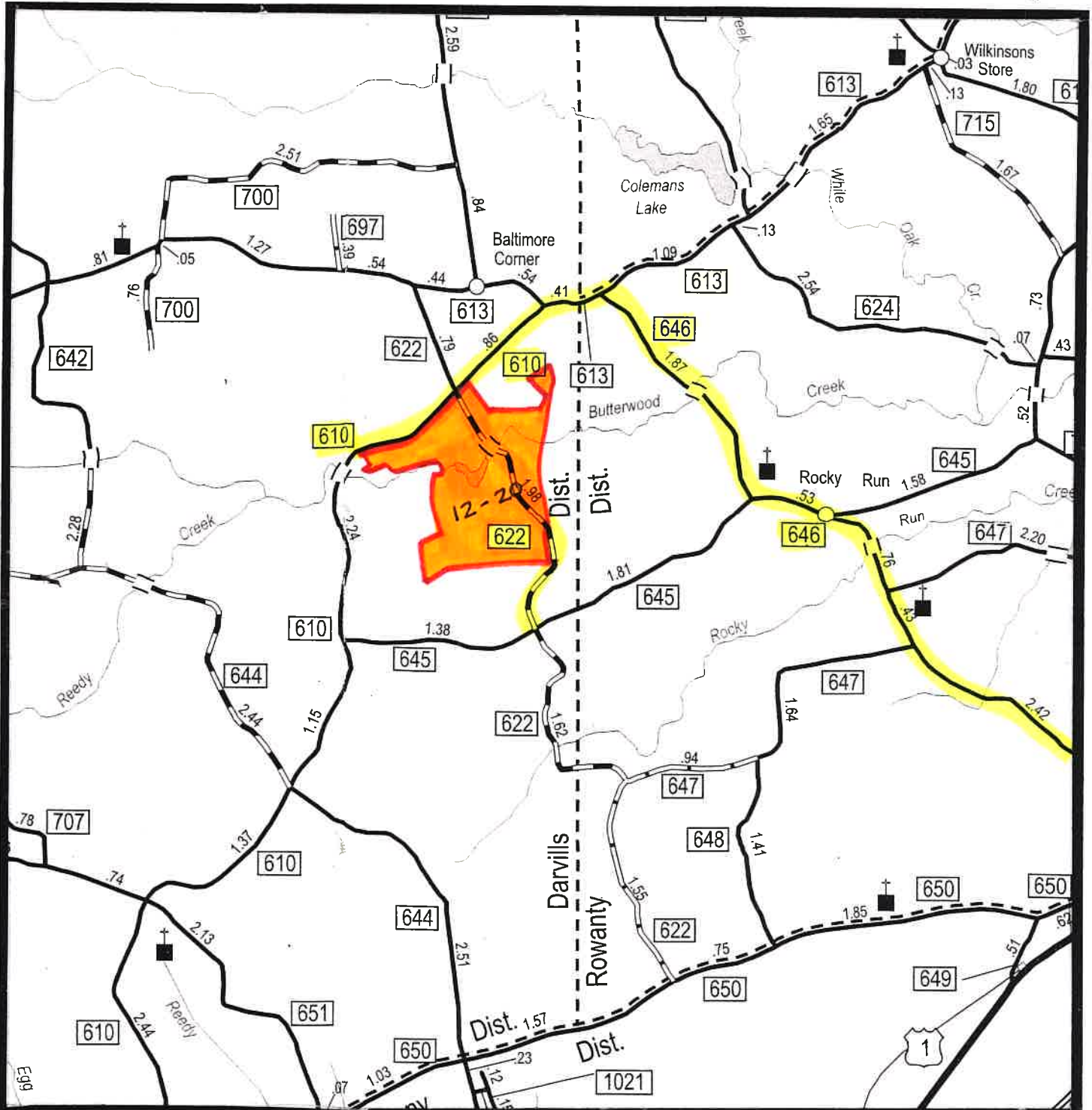
5-3-23

VICINITY MAP



Recyc SystemsTM Inc.

(Biosolids Land Application)



Scale: 1" = 1 mile

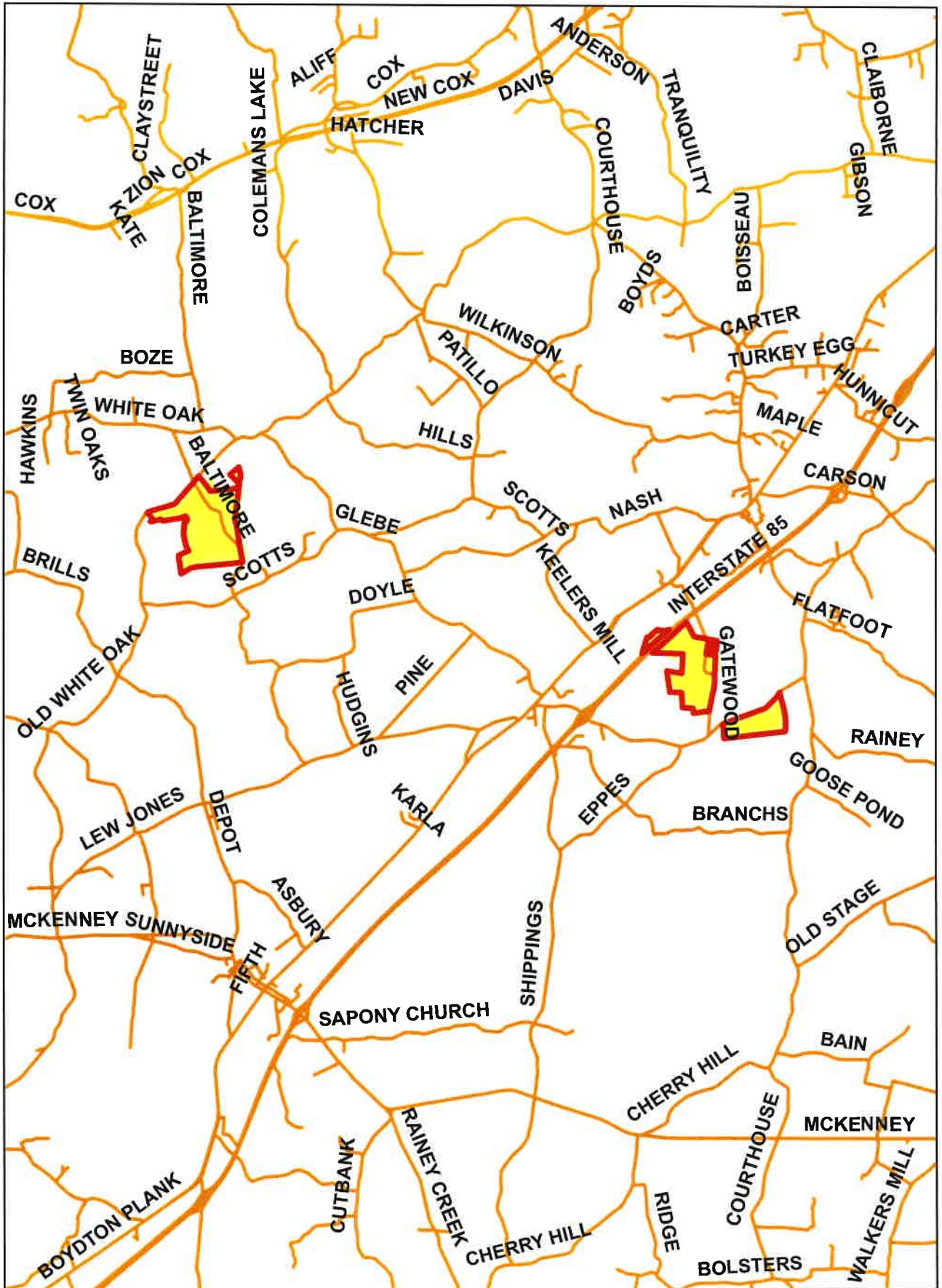
DWFSR

Truck Route marked
in Yellow

5-3-23

VICINITY MAP

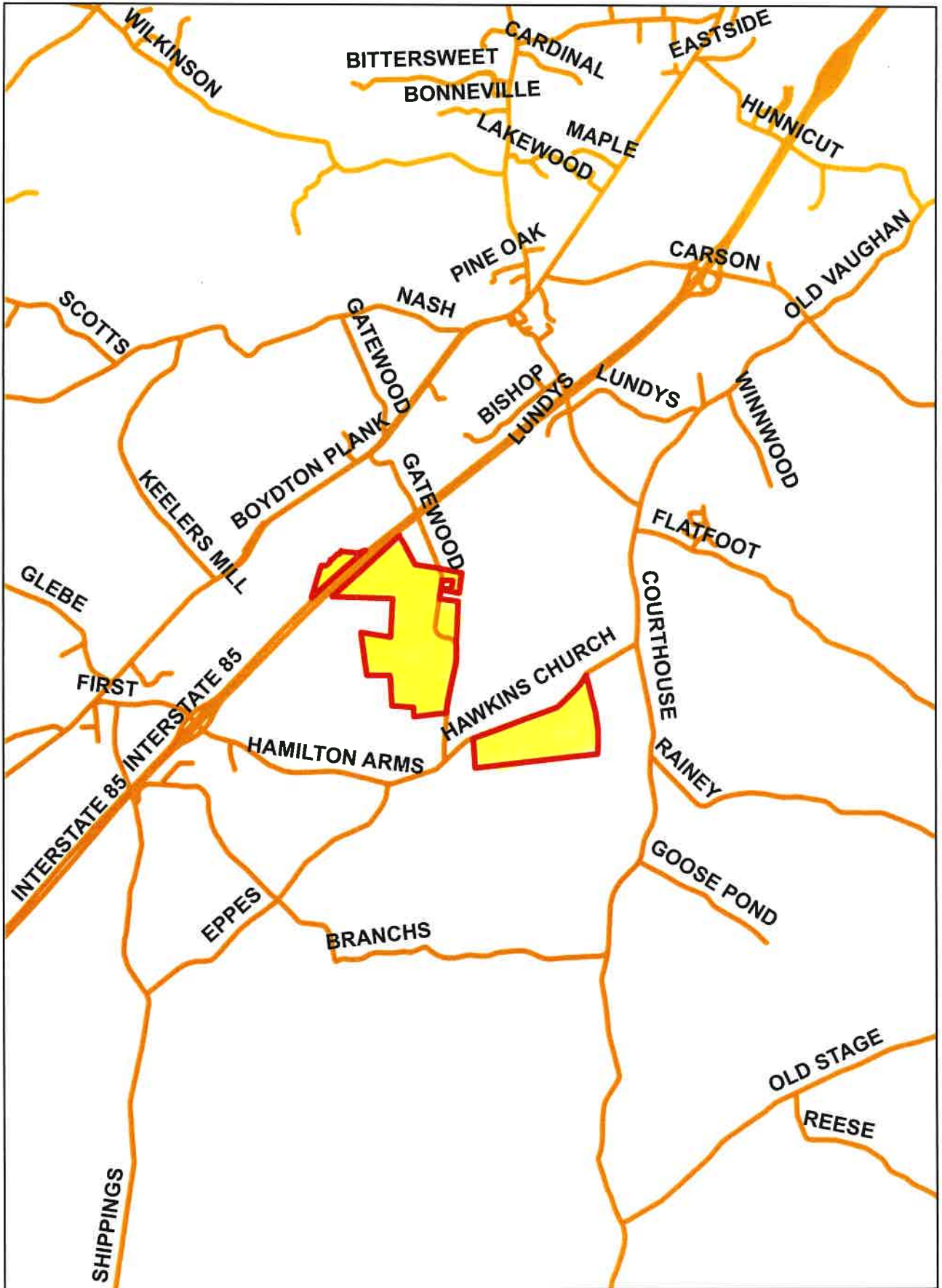




5-3-23

Vicinity Map

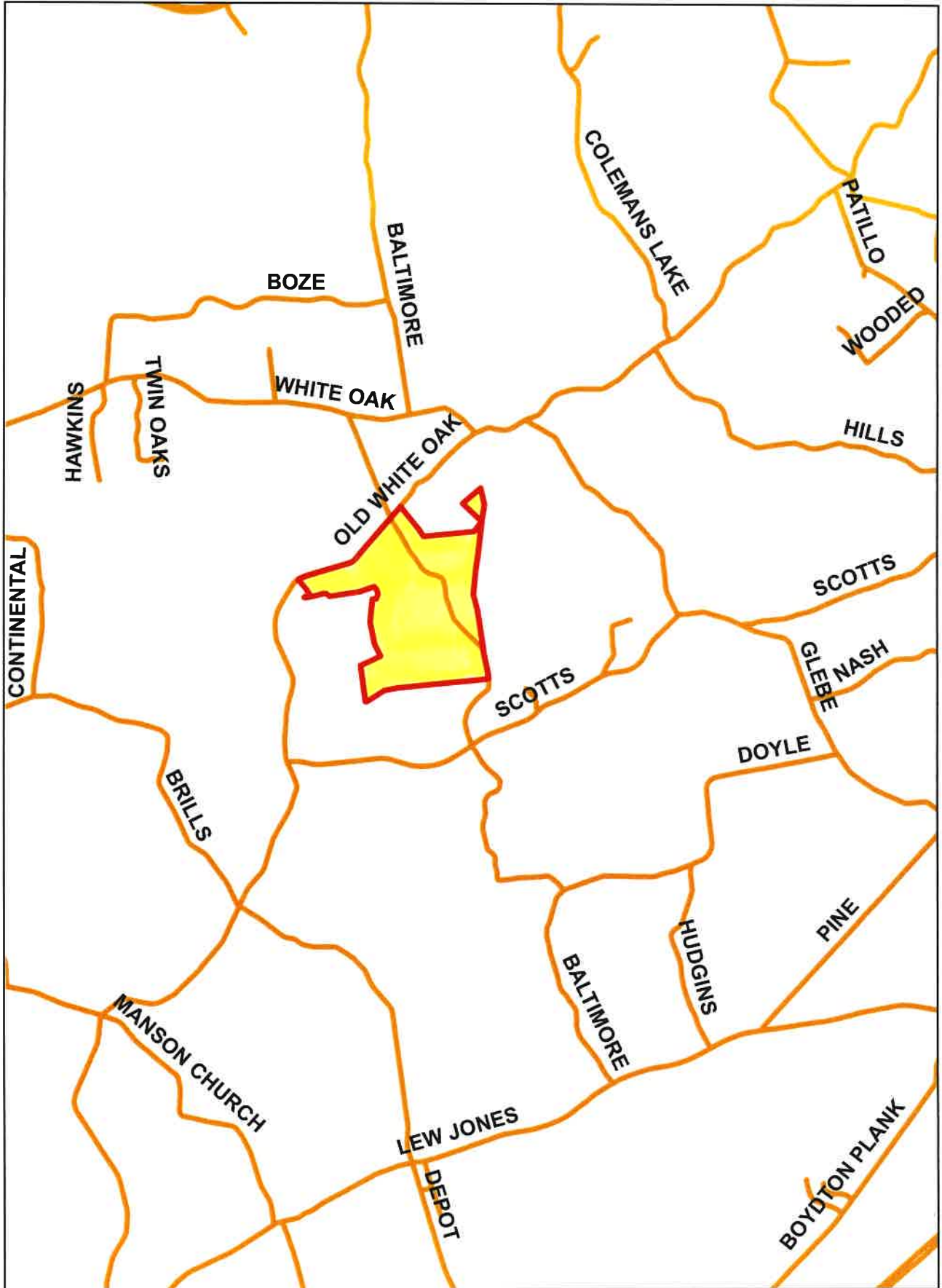
1 in = 2 miles



5-3-23

Vicinity Map

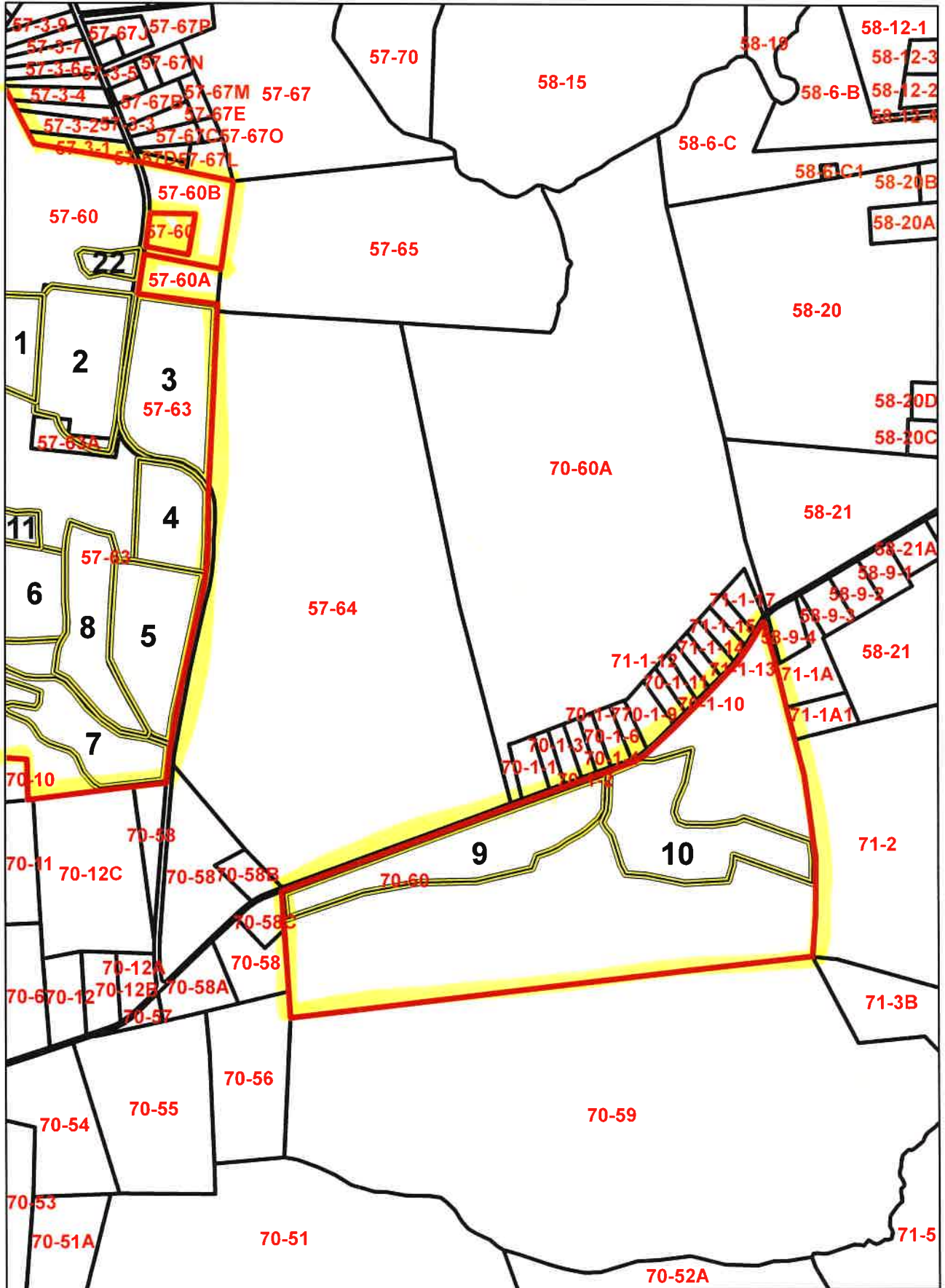
1 in = 1 miles



5-3-23

Vicinity Map

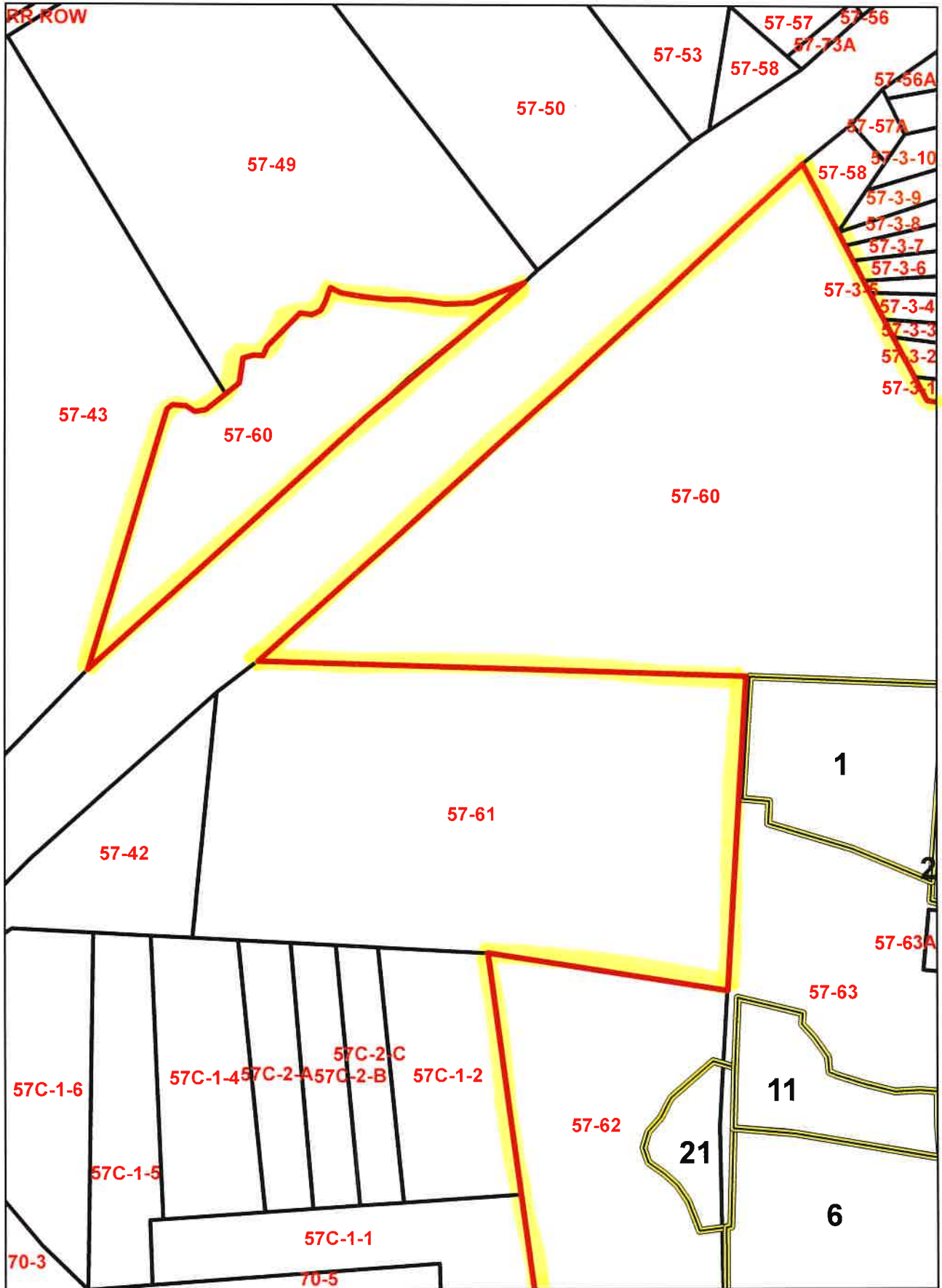
1 in = 1 miles



5-3-23

Tax Map

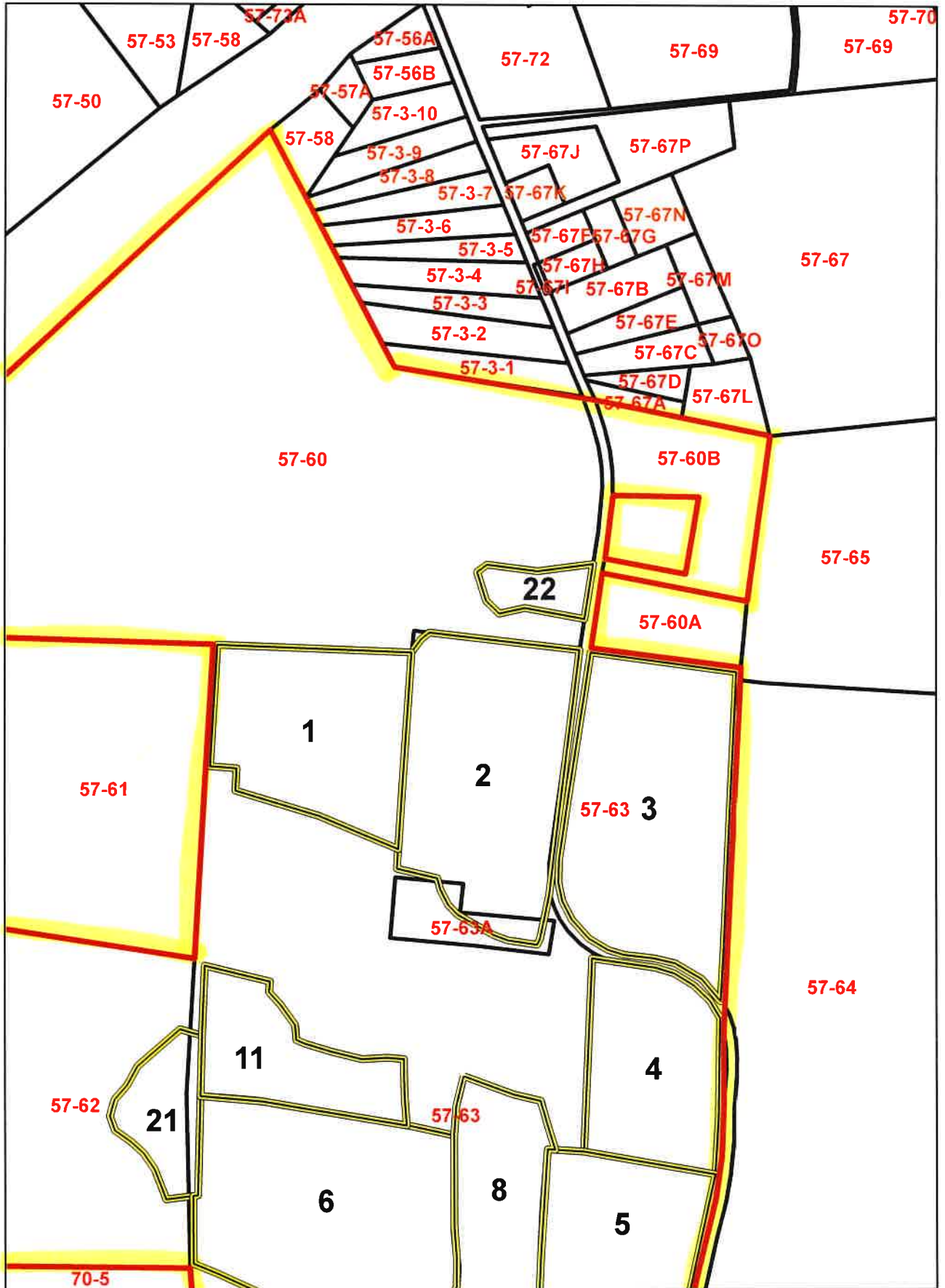
1 in = 1,250 feet



5-3-23

Tax Map

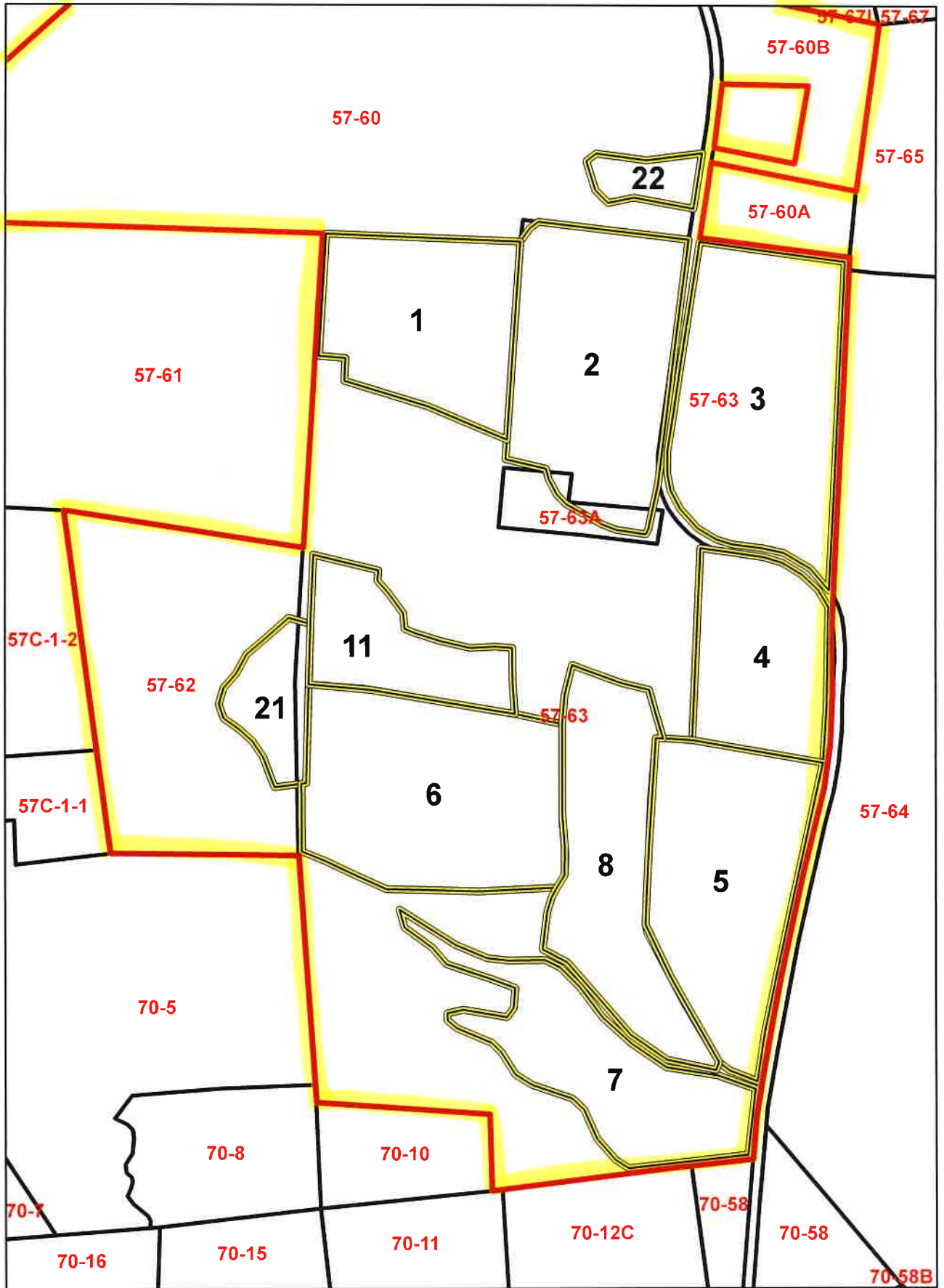
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5-3-23

Tax Map

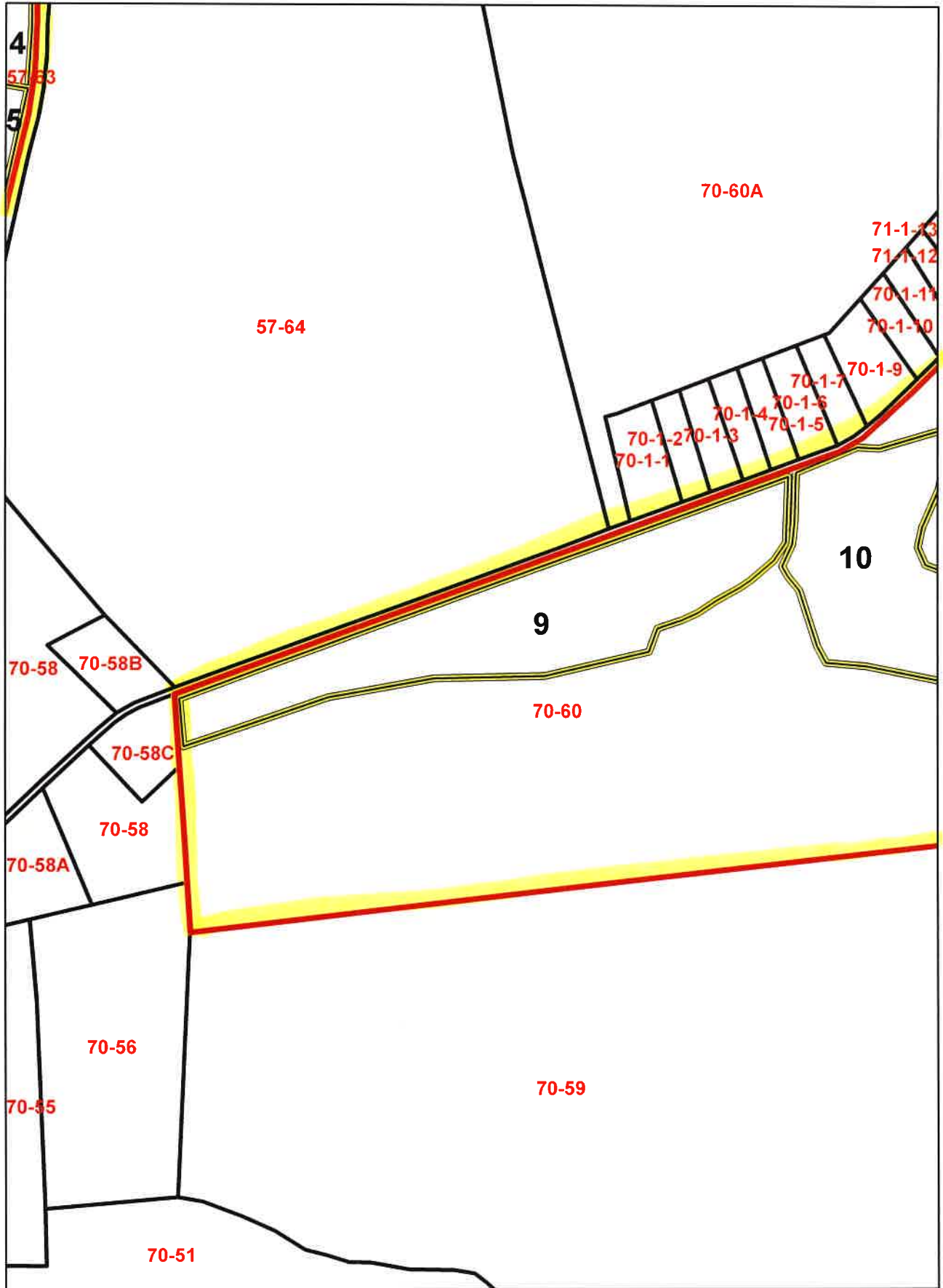
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5-3-23

Tax Map

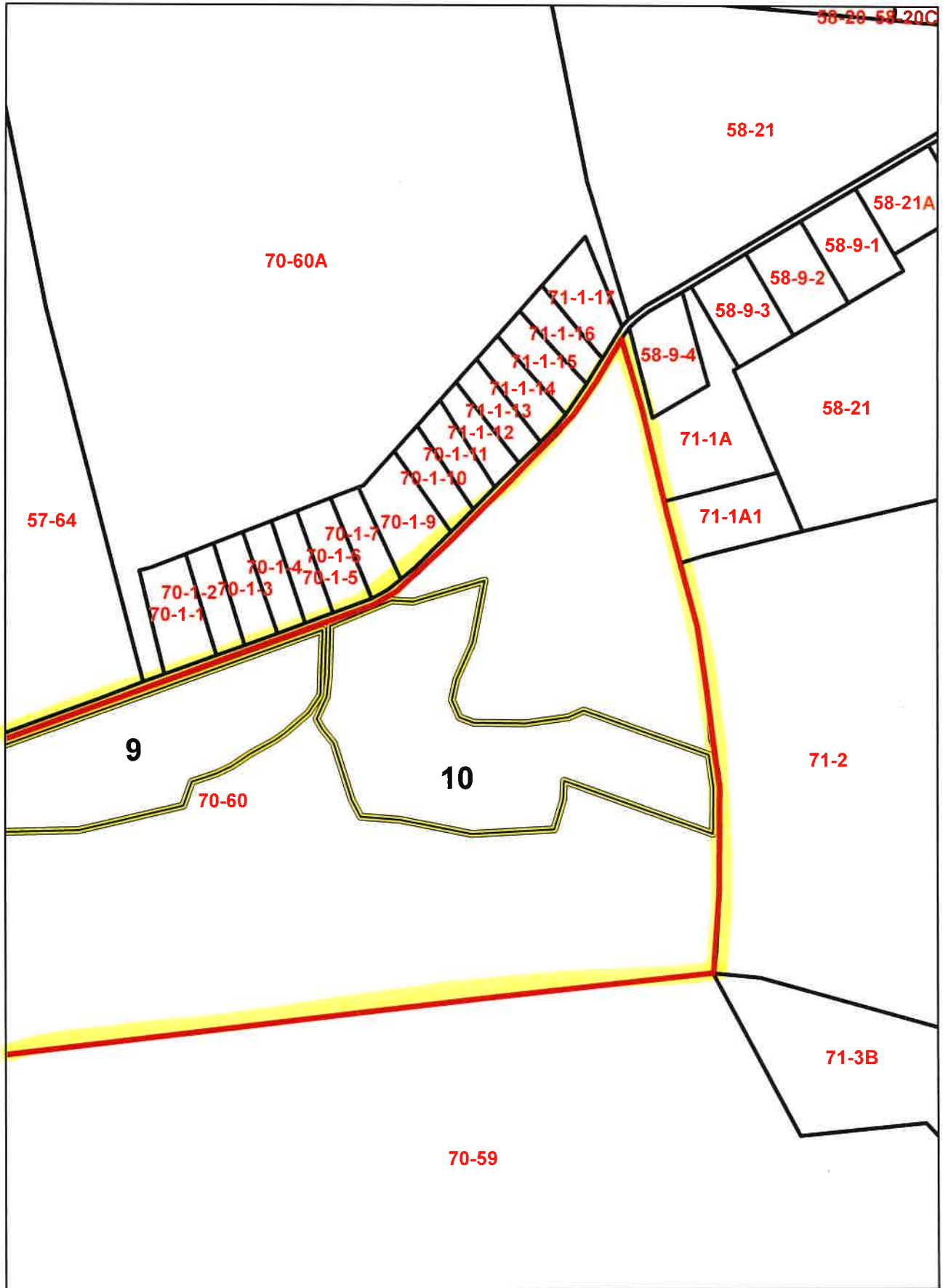
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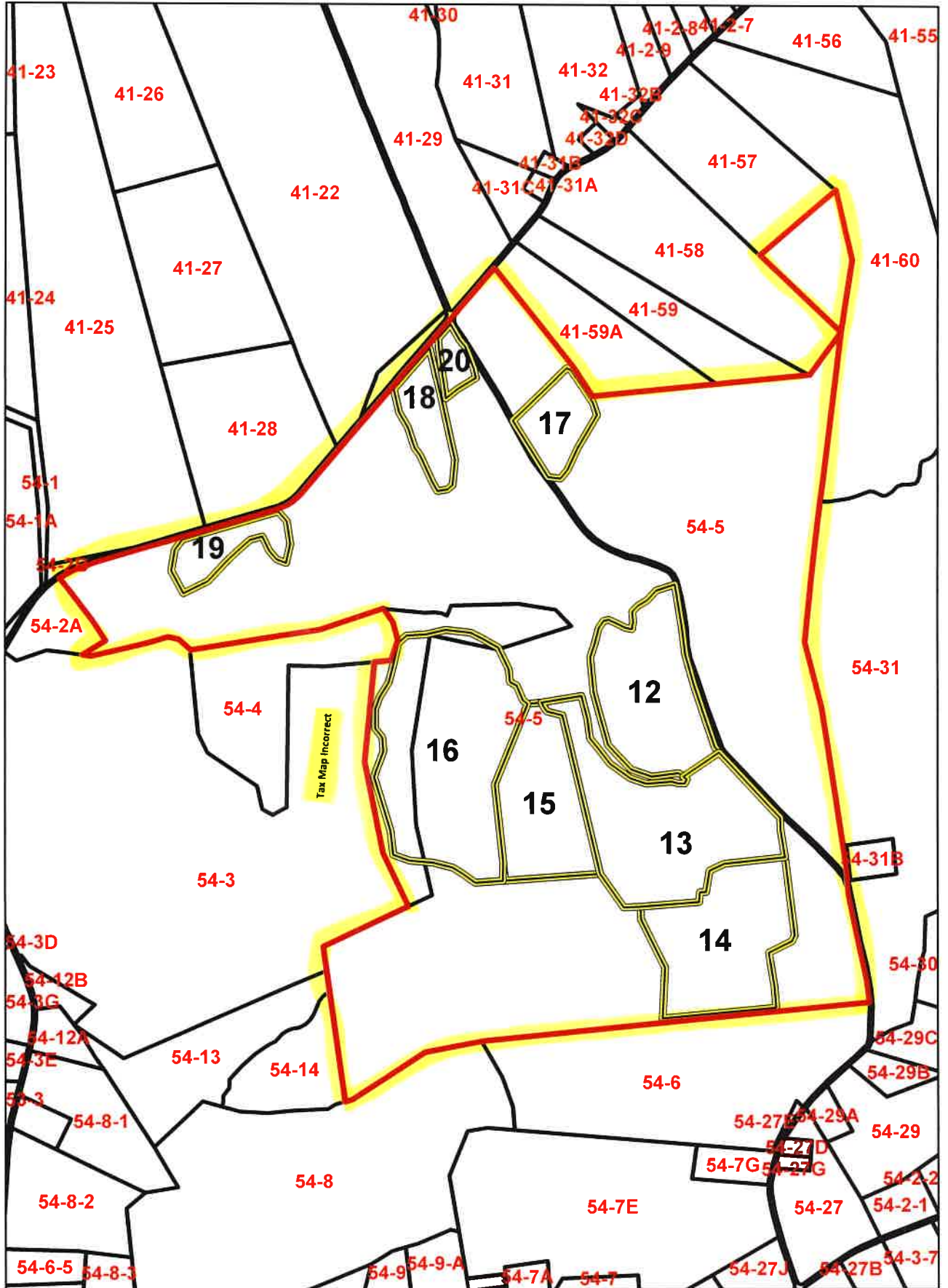


5-3-23

Tax Map

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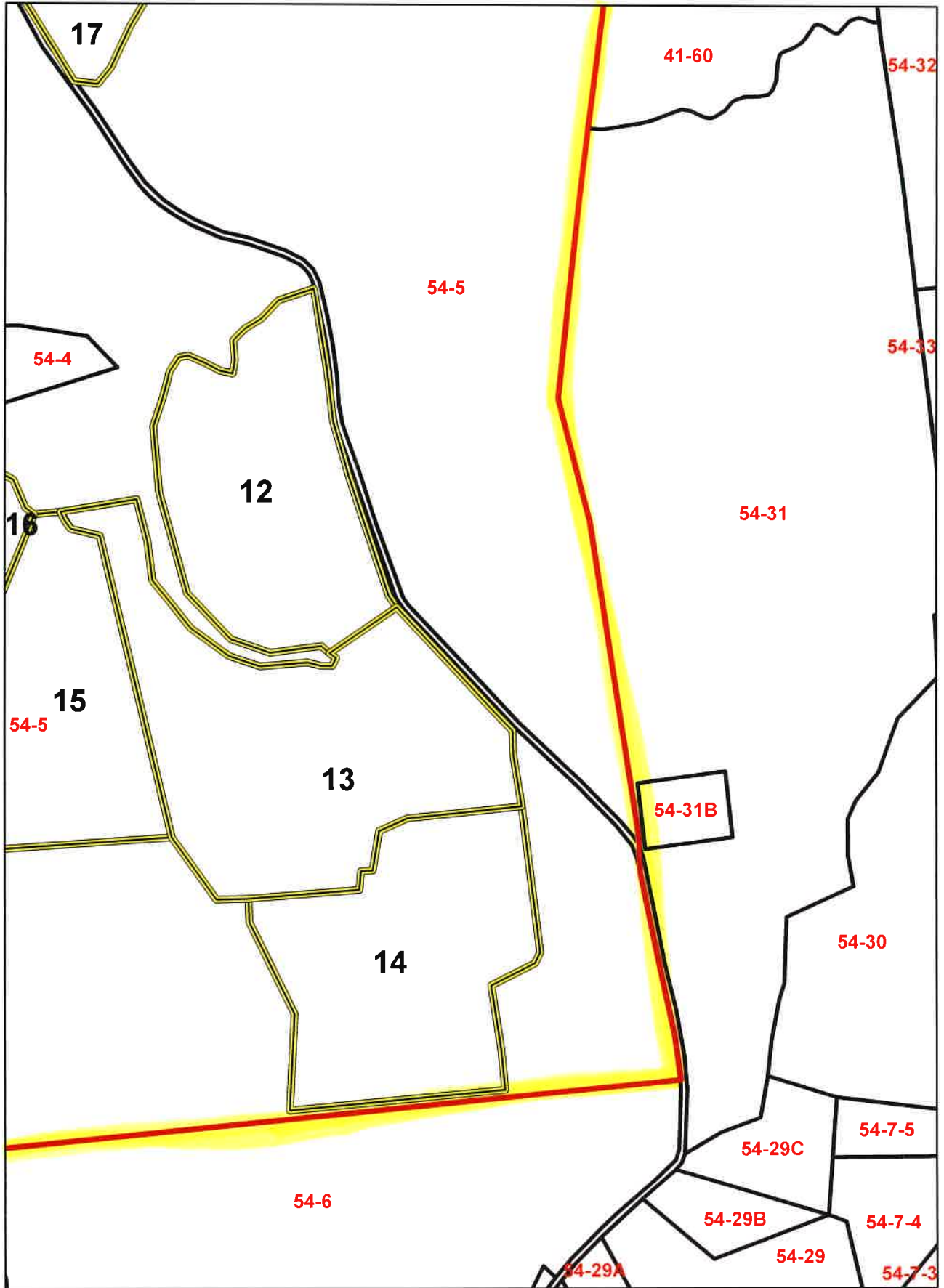




5-3-23

Tax Map

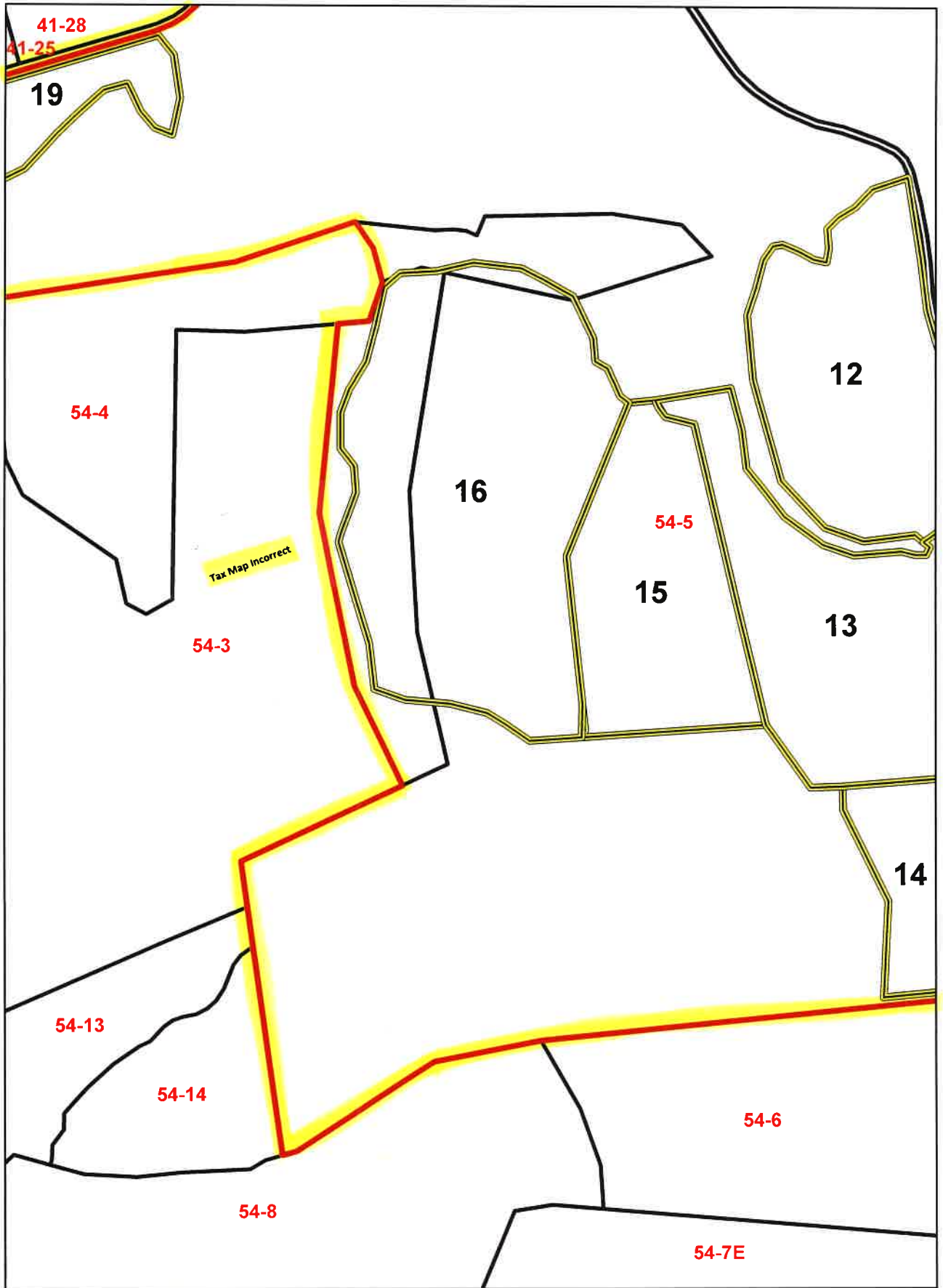
1 in = 1,250 feet



5-3-23

Tax Map

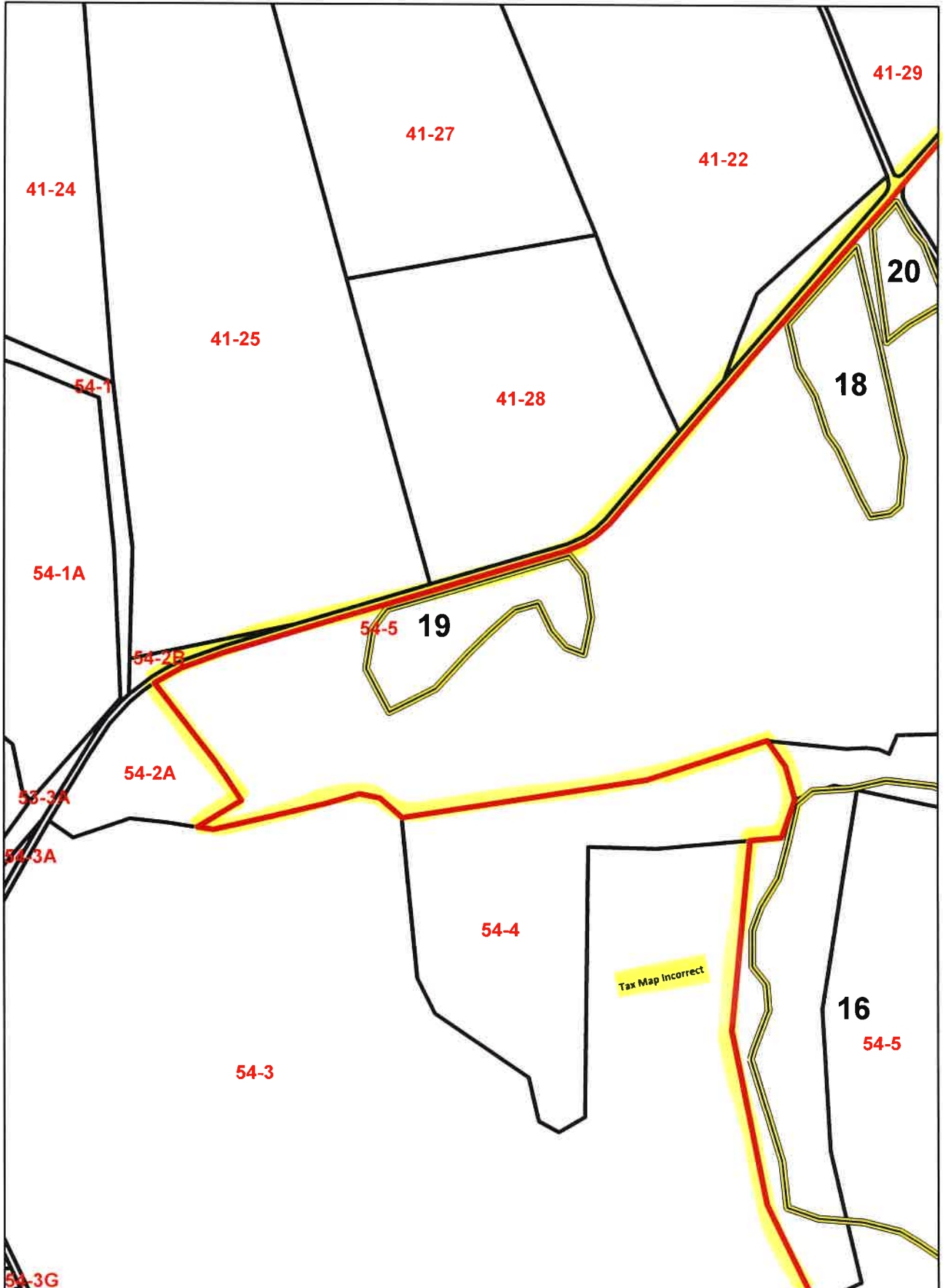
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5-3-23

Tax Map

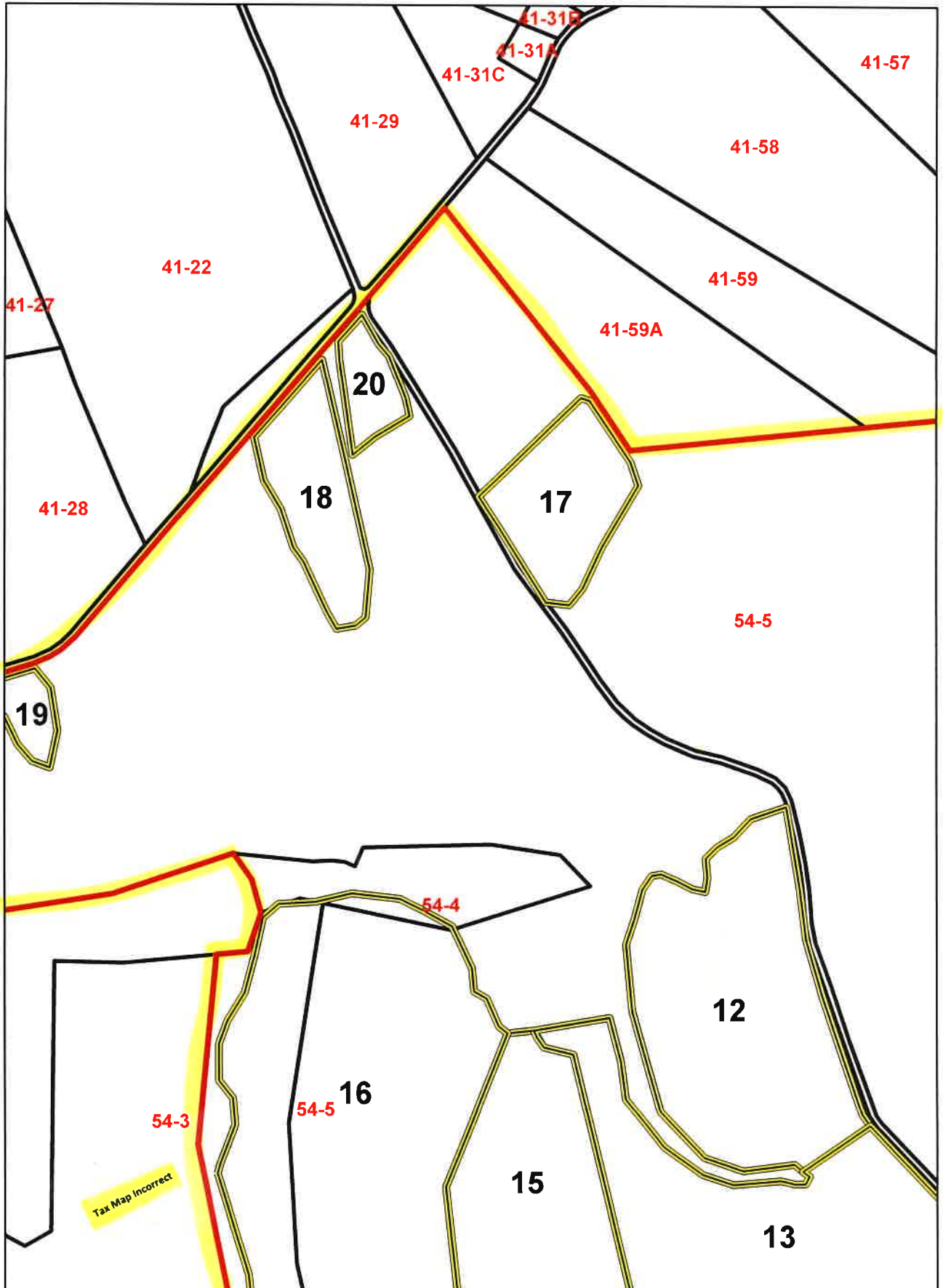
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5-3-23

Tax Map

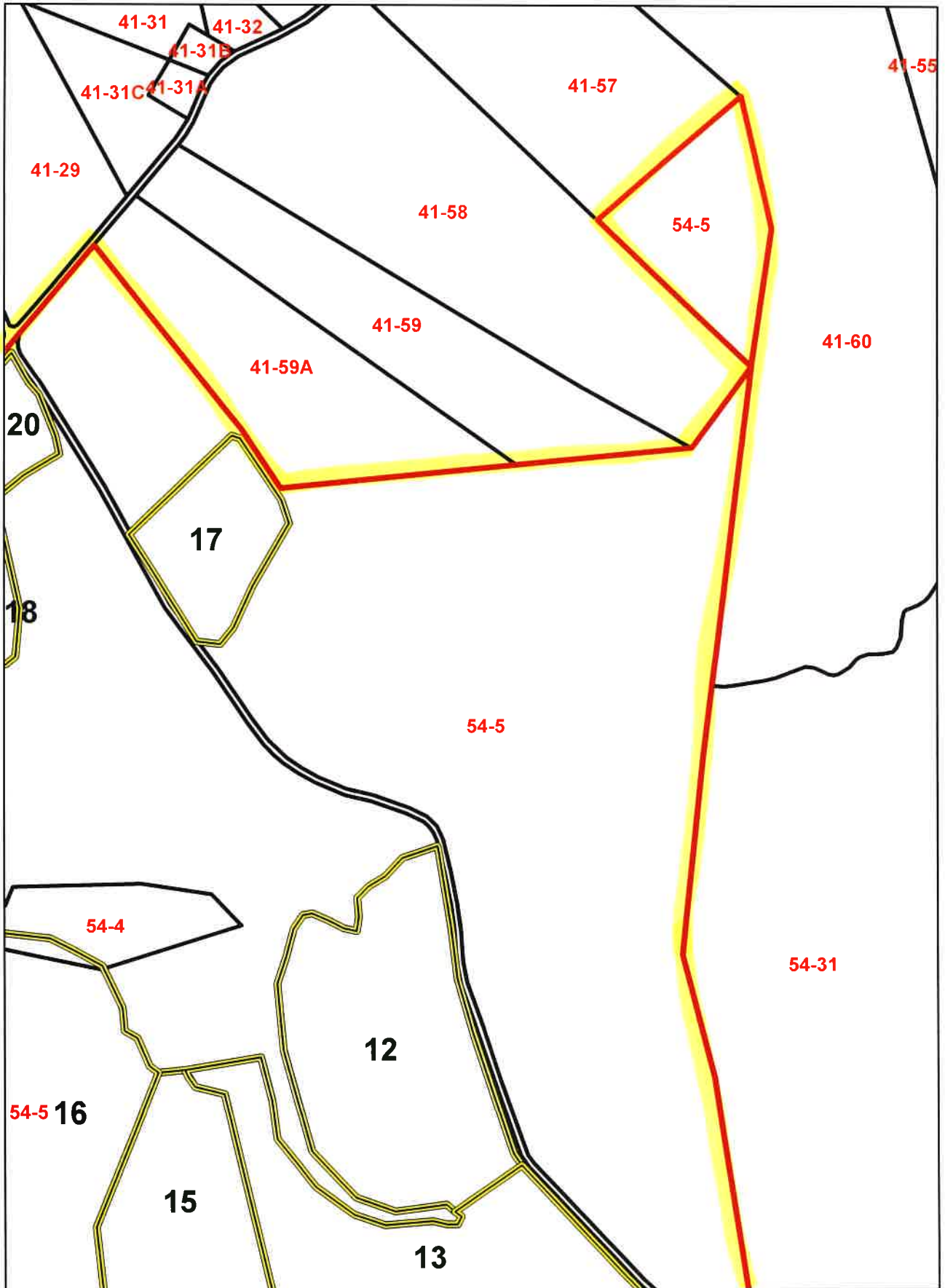
1 in = 660 feet



5-3-23

Tax Map

1 in = 660 feet



5-3-23

Tax Map

1 in = 660 feet

ADJOINING LANDOWNERS

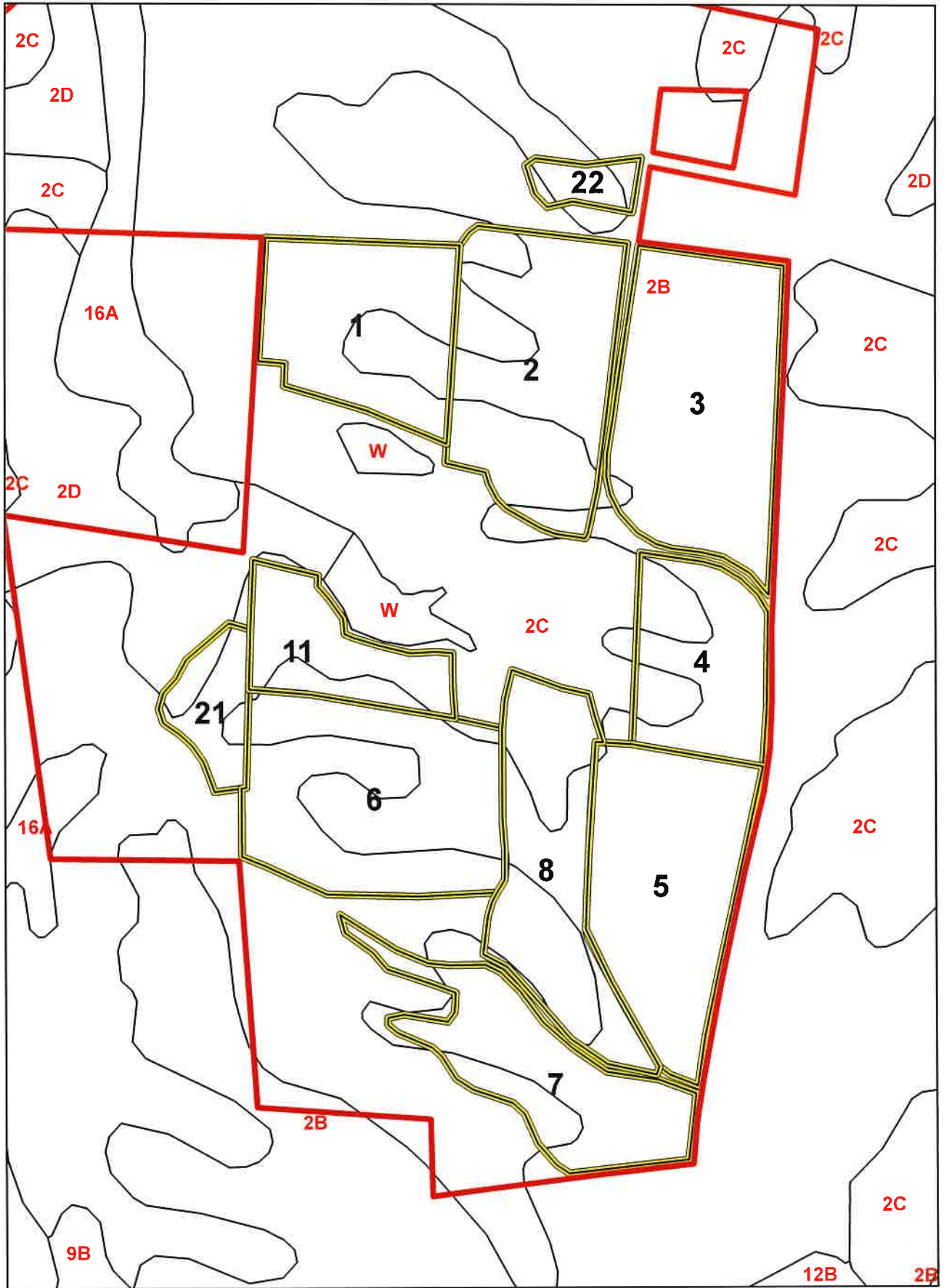
F. SCOTT RAGSDALE


DINWIDDIE COUNTY

Tax Map	Parcel #	Owner Name(s)
41	22	Robert A. Williams Jr.
	25	George T. III and Pattie L. Elder
	28	North County Pines LLC c/o Conservation Forestry
	29	Gill Leroy Marston
	57	Horace Gilliam Jr. et. als.
	58	Richard W. Spencer
	59	Barbara F. Ragsdale Revocable Trust c/o John R. Ragsdale III
	59A	Robert L. and Angel C. Lacks
	60	Mary Scott Harvie
54	2A	John R. Ragsdale III Trustee and Barbara F. Ragsdale Trustee
	2B	George T. Jr. or Deborah S. Elder
	3	George T. Jr. or Deborah S. Elder
	6	Franklin D. and Brenda M. Hutcheson Trustees Living Trust
	8	George T. Jr. or Deborah S. Elder
	13	George T. Jr. or Deborah S. Elder
	14	George T. Jr. or Deborah S. Elder
	31	John Shane and Dawn E. Bishop
	31B	John Shane Bishop
57	43	McDowell I. Butterworth Jr.
	49	Eastside Properties Inc.
	50	John R. III and F. Scott Ragsdale
	53	William Dudley Allen III et. als.
	58	William E. Henderson c/o William E. Henderson
	60	Philip Stewart
	60A	Elmer Clark Pixley or Rachel Kibler Life Estate
	61	Lazarus Jenkins c/o Willie H. Jackson Jr.
	64	F. Scott Ragsdale Trust, F. Scott Ragsdale Trustee
	65	Lynda P. Ragsdale Trust, Lynda P. Ragsdale Trustee
	67	David Wayne or Brenda S. Scott

Tax Map	Parcel #	Owner Name(s)
57	67A 67L	John A. Sr. and Doris F. Cairnes John A. Sr. and Doris F. Cairnes
57C-1	1 2	Ora Wallace c/o Gertrude Winfield Theresa Lee et. als.
57-3	1 2 3 4 5 6 7 8 9	Gregory B. and Judy G. Altice Gregory B. and Judy G. Altice Stephen B. Harrison John A. Cairnes Sr. Life Estate c/o John A. Cairnes Jr. Sherry A. Lambert David S. Winkler Sheila M. Scott John B. Chappell Dinwiddie Tractor Inc.
58	21	Dan M. Upton Life Estate
58-9	4	Kenneth O. and Sandra K. Peterson
70	5 8 10 12C 56 58 58B 58C 59 60A	McDowell I. Butterworth Jr. Gene R. Blair Mary Lee c/o Timothy R. Booker Eastside Properties Inc. William E. Henderson Sandra E. Ruffin et. als. Willie L. and Loretta Tisdale Beverly R. and Mark D. Godwin BTG Pactual Oef Property 2 LP Owen Grace LLC
70-1	1 2 3 4 5 6 7 9 10 11	Paul G. Ratliff Paul G. Ratliff Paul G. Ratliff Paul G. Ratliff Eastside Properties Inc. Alphonso or Sharranne Johnson Marian J. Johnson and Audrey J. Wood Kellye or Jeffrey Little David W. Daughy Joseph Grandison

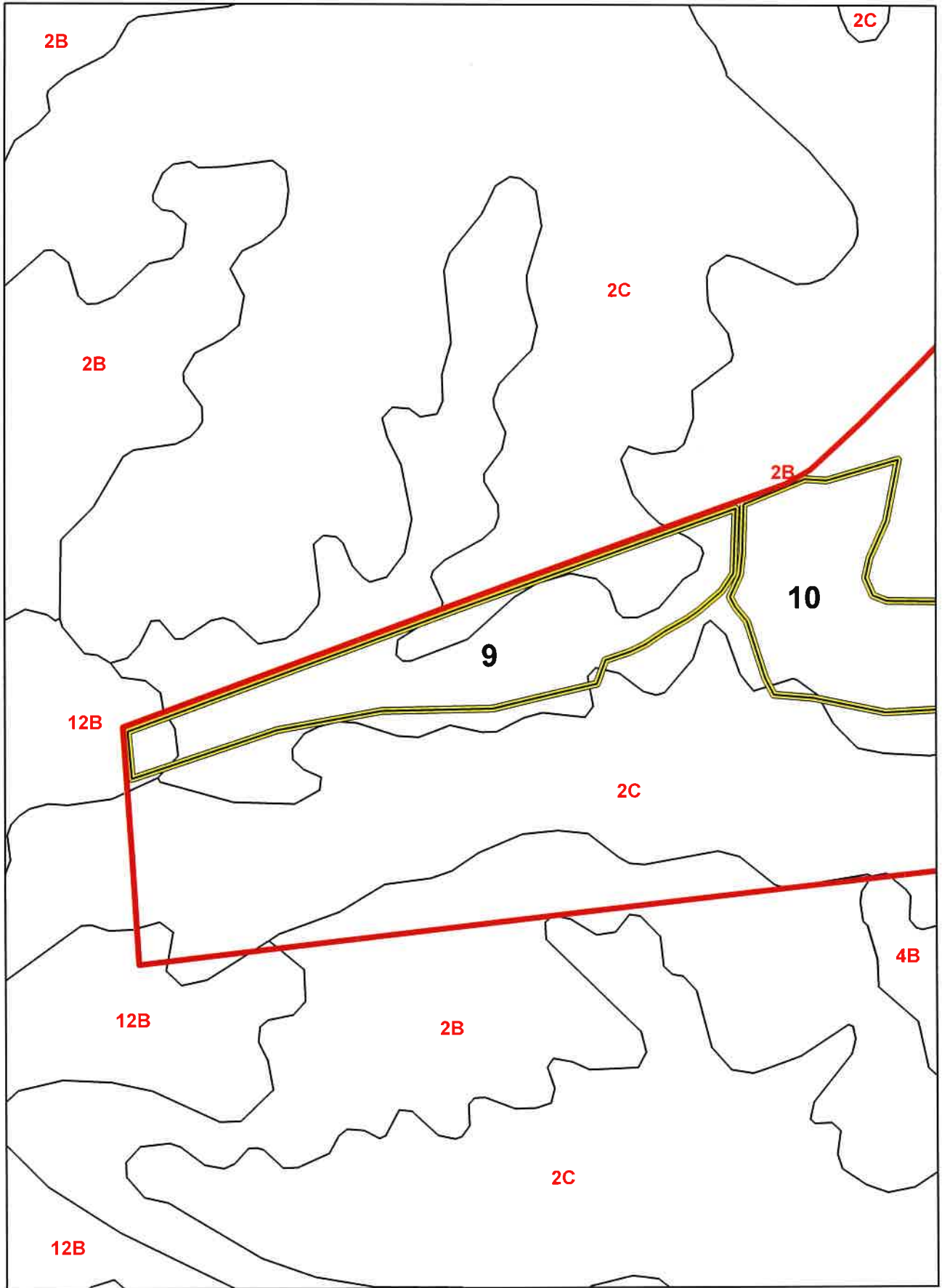
Tax Map	Parcel #	Owner Name(s)
71	1A 1A1 2	Kenneth O. and Sandra K. Peterson Alfred L. Jr. and Jennifer P. Bishop Leonard F. III or Leann S. Harrison
71-1	12 13 14 15 16 17	Tamar R. Cruciotti Joyce M. Simmons Joyce M. Simmons Desmond L. or Andrea N. Seaborn Shelley L. Campbell James or Mary Biehl



5-3-23
 Frequently Flooded

Soil Map

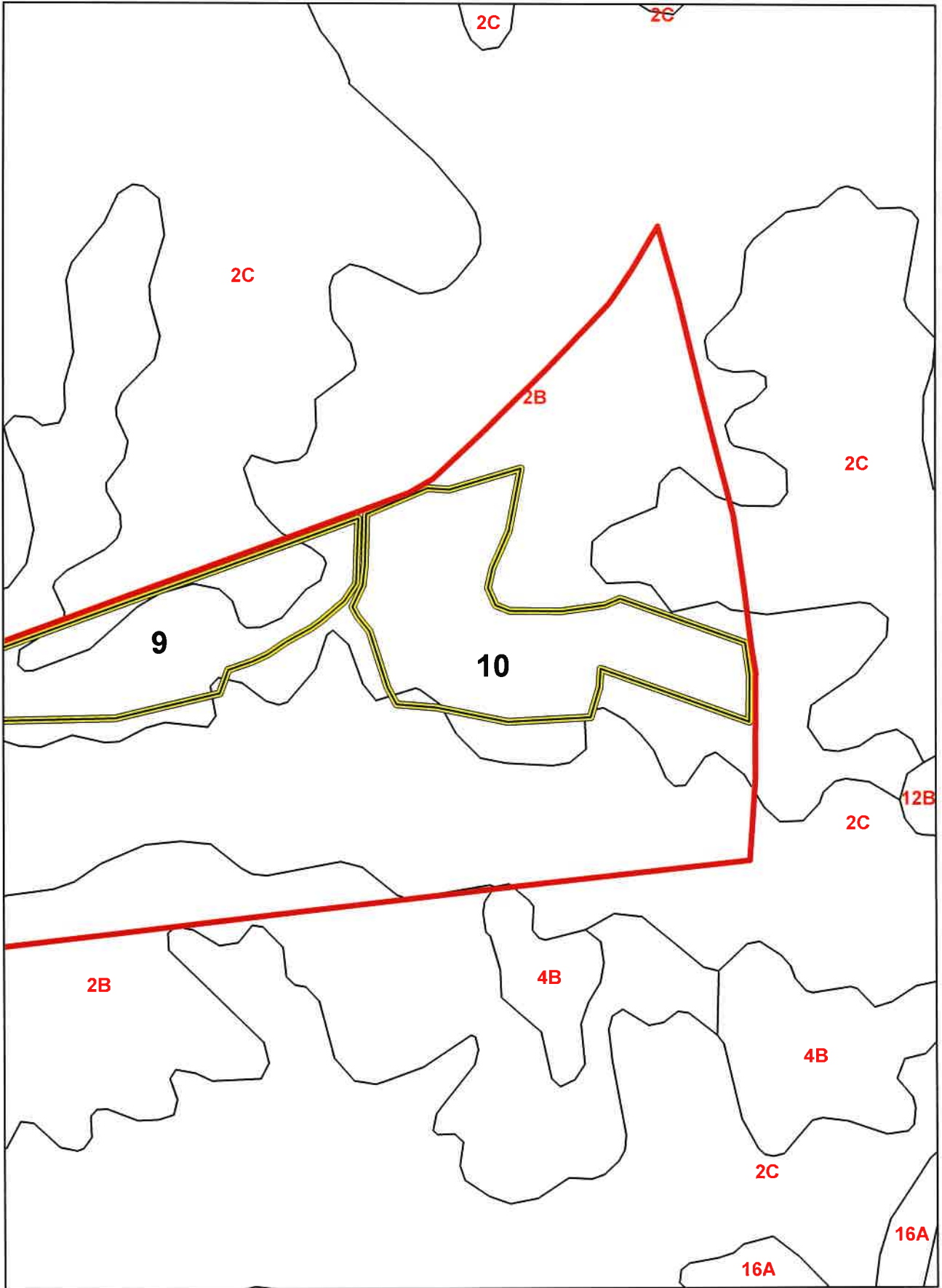
1 in = 660 feet



5-3-23
 Frequently
 Flooded

Soil Map

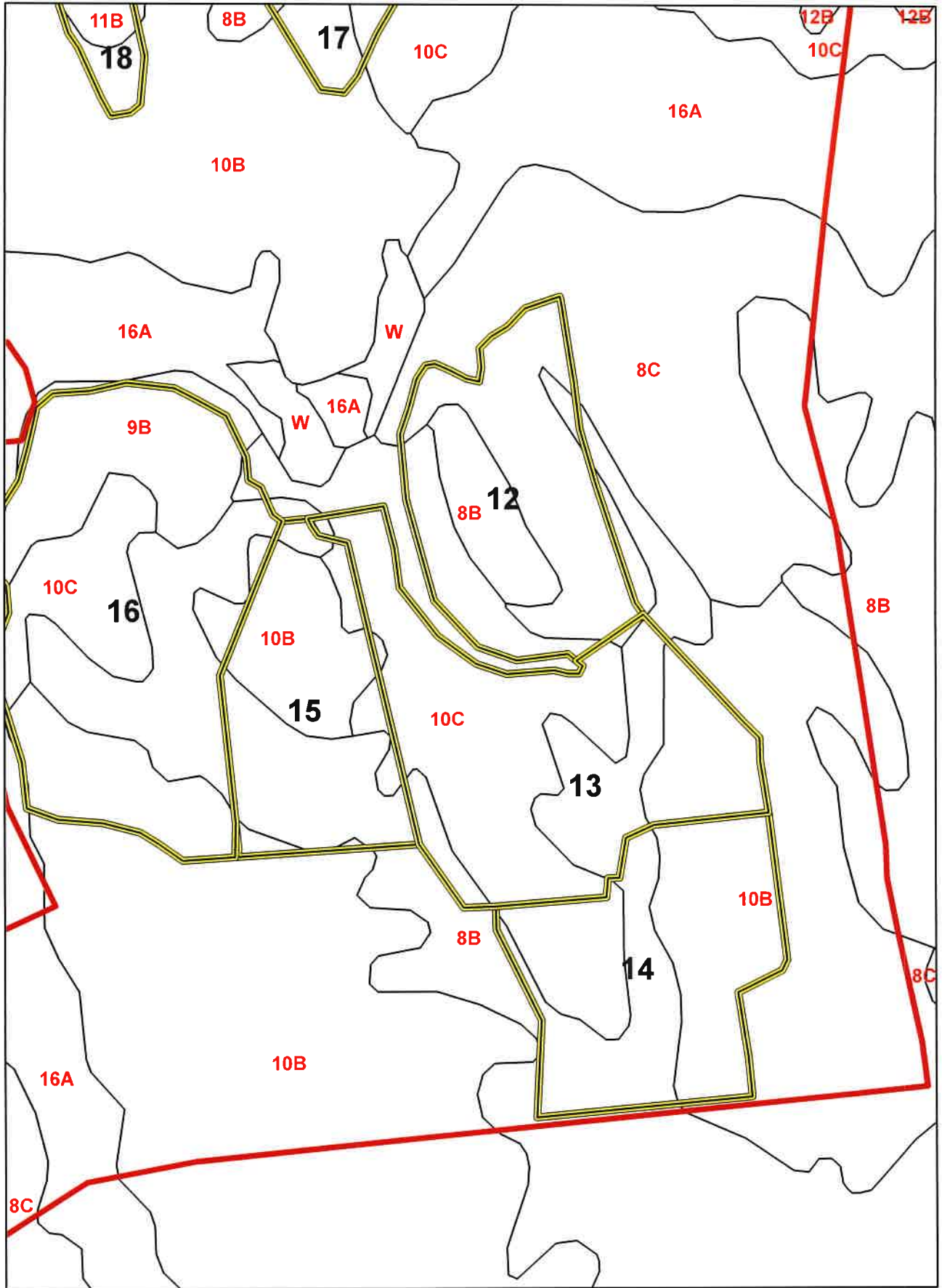
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5-3-23
Frequently
Flooded

Soil Map

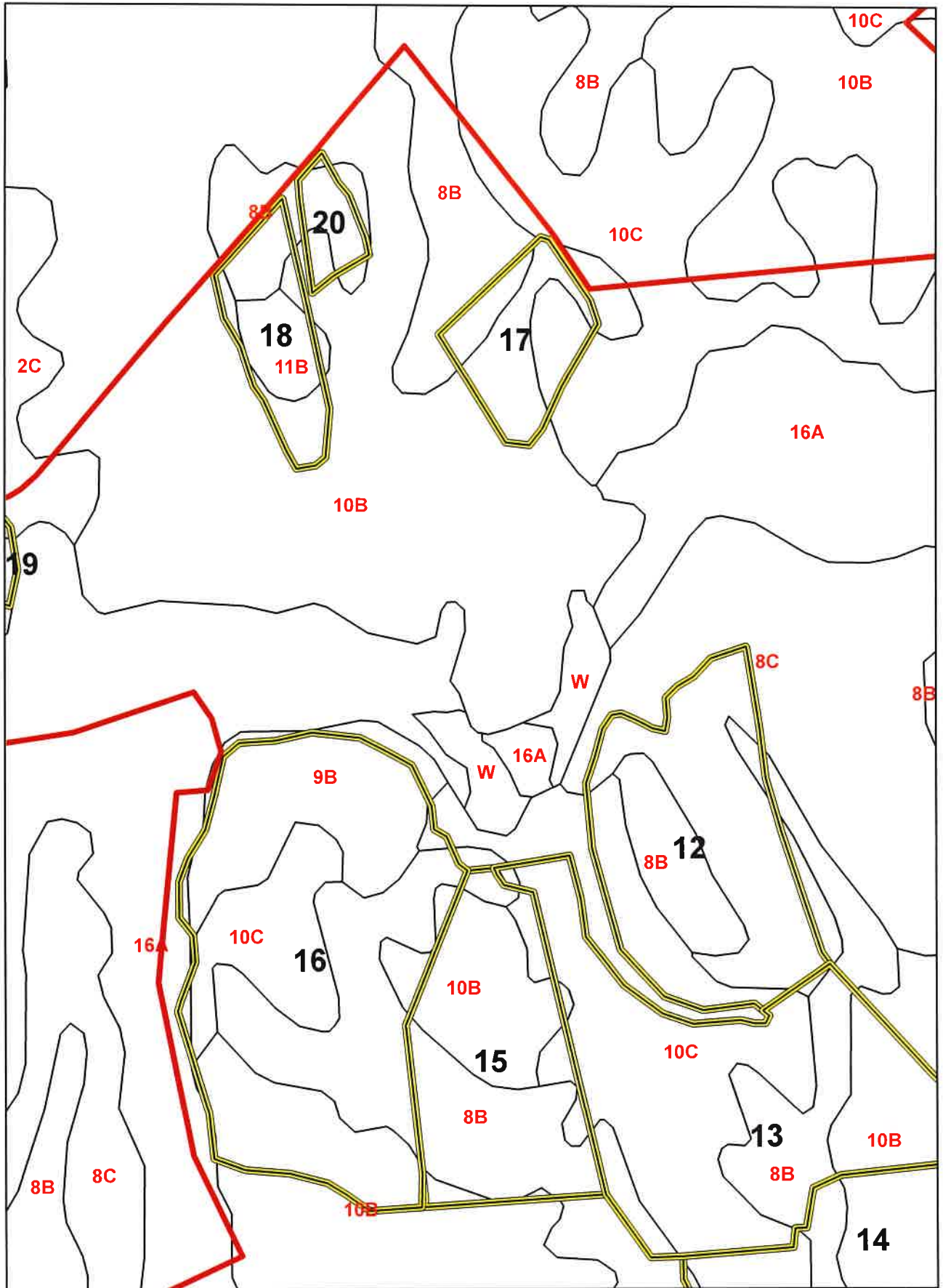
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5-3-23
Frequently
Flooded

Soil Map

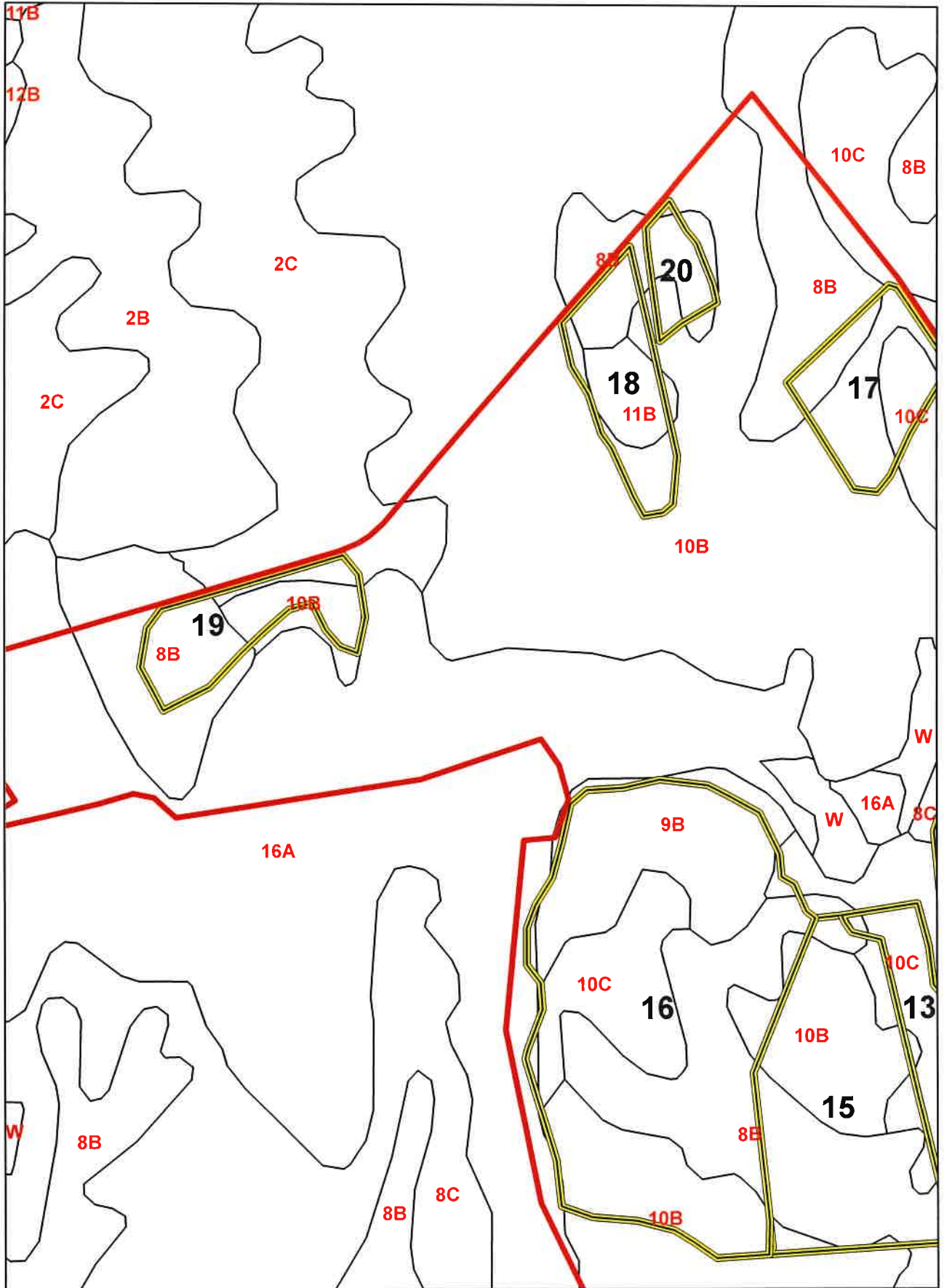
1 in = 660 feet



5-3-23
Frequently
Flooded

Soil Map

1 in = 660 feet



5-3-23
Frequently
Flooded

Soil Map

1 in = 660 feet



VA053_T2040_B1

Farm 4102

Tract 2040



2024 Program Year

Map Created March 22, 2023

Common Land Unit

- Non-Cropland
- Cropland
- rcl_va053
- Tract Boundary

Wetland Determination Identifiers

- Restricted Use
 - Limited Restrictions
 - Exempt from Conservation
- Tract Compliance Total: 161.96 acres

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS)



Farm 4102

Tract 2034



2024 Program Year

Map Created March 22, 2023

Common Land Unit

- Non-Cropland
- Cropland
- rcl_va053
- Tract Boundary

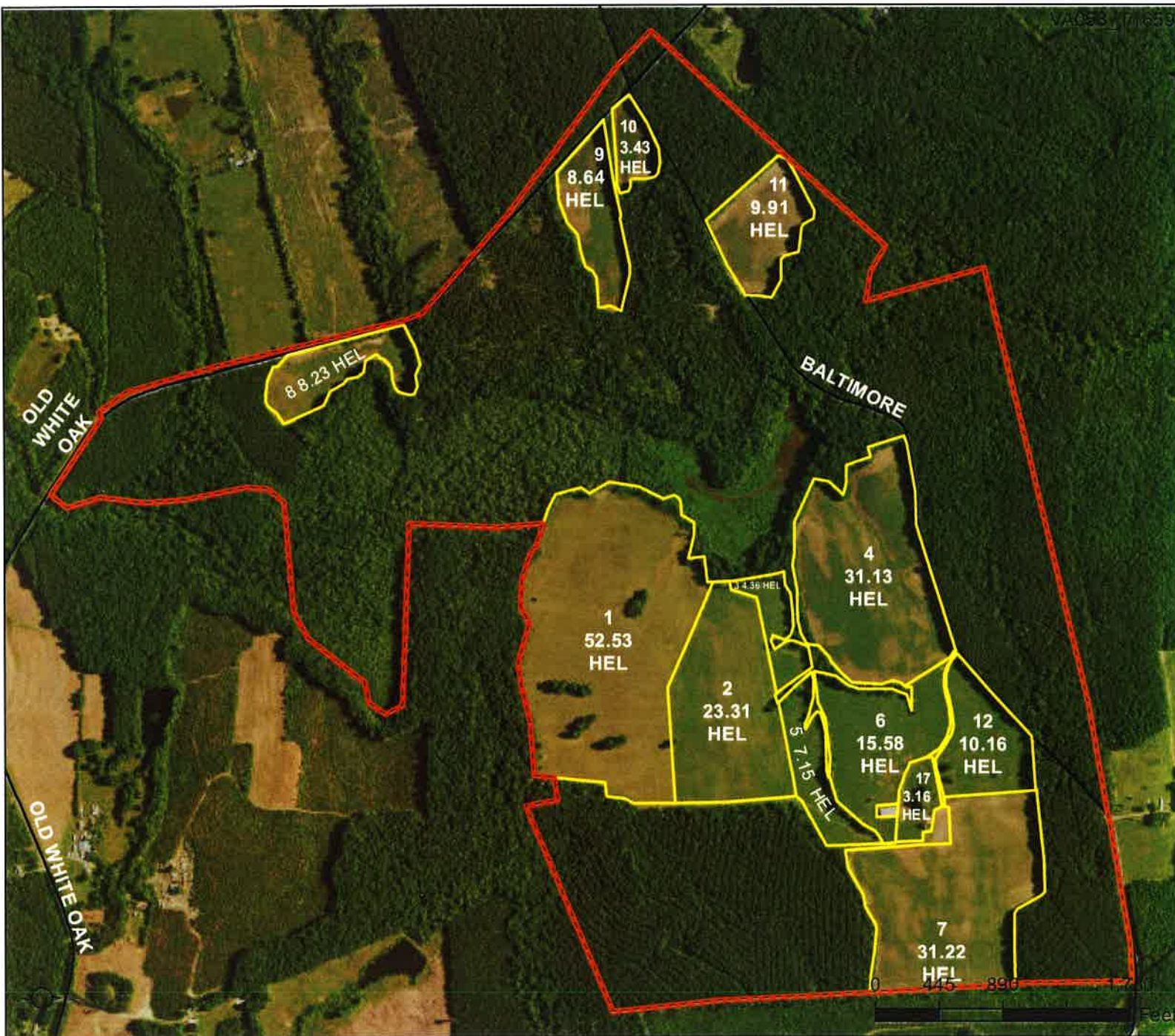
Wetland Determination Identifiers

- Restricted Use
 - Limited Restrictions
 - Exempt from Conservation
- Tract Compliance Total: 58.46 acres



Farm 3945

Tract 1659



2024 Program Year

Map Created March 22, 2023

Common Land Unit

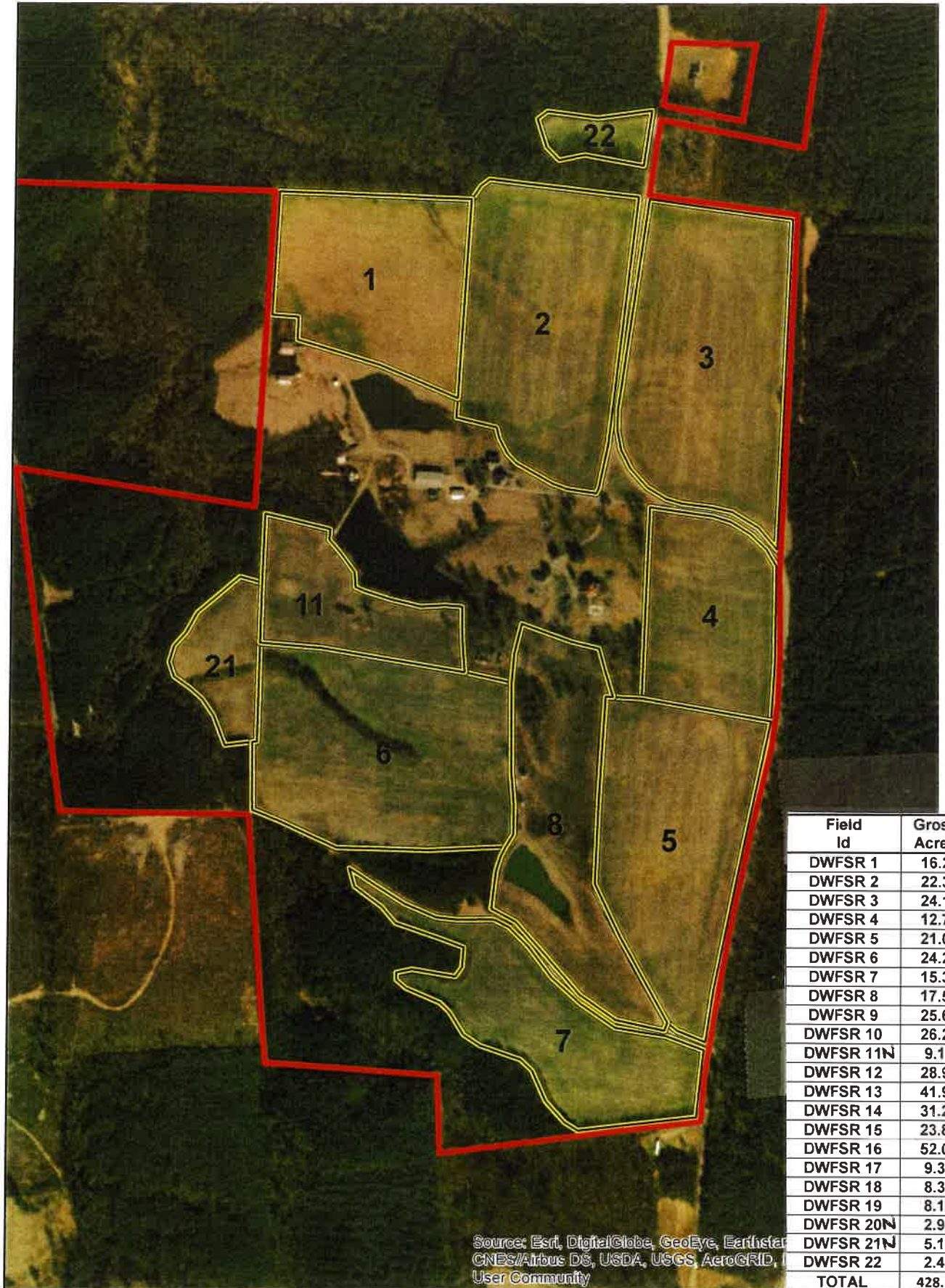
- Non-Cropland
- Cropland
- rcl_va053
- Tract Boundary

Wetland Determination Identifiers

- Restricted Use
- ▼ Limited Restrictions
- Exempt from Conservation

Tract Contained 260.64 acres

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS)



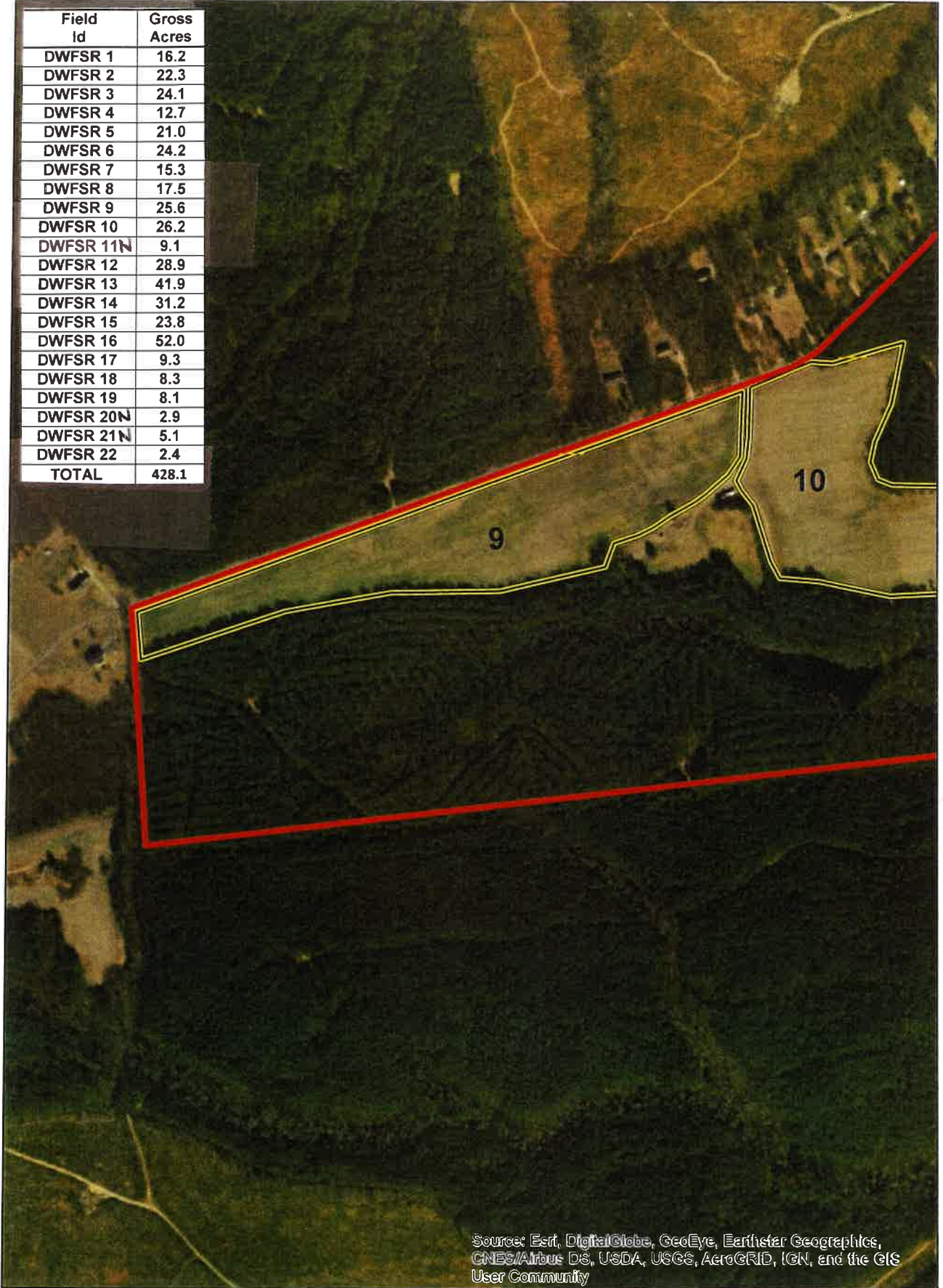
5-3-23

Aerial Map

1 in = 660 feet



Field Id	Gross Acres
DWFSR 1	16.2
DWFSR 2	22.3
DWFSR 3	24.1
DWFSR 4	12.7
DWFSR 5	21.0
DWFSR 6	24.2
DWFSR 7	15.3
DWFSR 8	17.5
DWFSR 9	25.6
DWFSR 10	26.2
DWFSR 11N	9.1
DWFSR 12	28.9
DWFSR 13	41.9
DWFSR 14	31.2
DWFSR 15	23.8
DWFSR 16	52.0
DWFSR 17	9.3
DWFSR 18	8.3
DWFSR 19	8.1
DWFSR 20N	2.9
DWFSR 21N	5.1
DWFSR 22	2.4
TOTAL	428.1

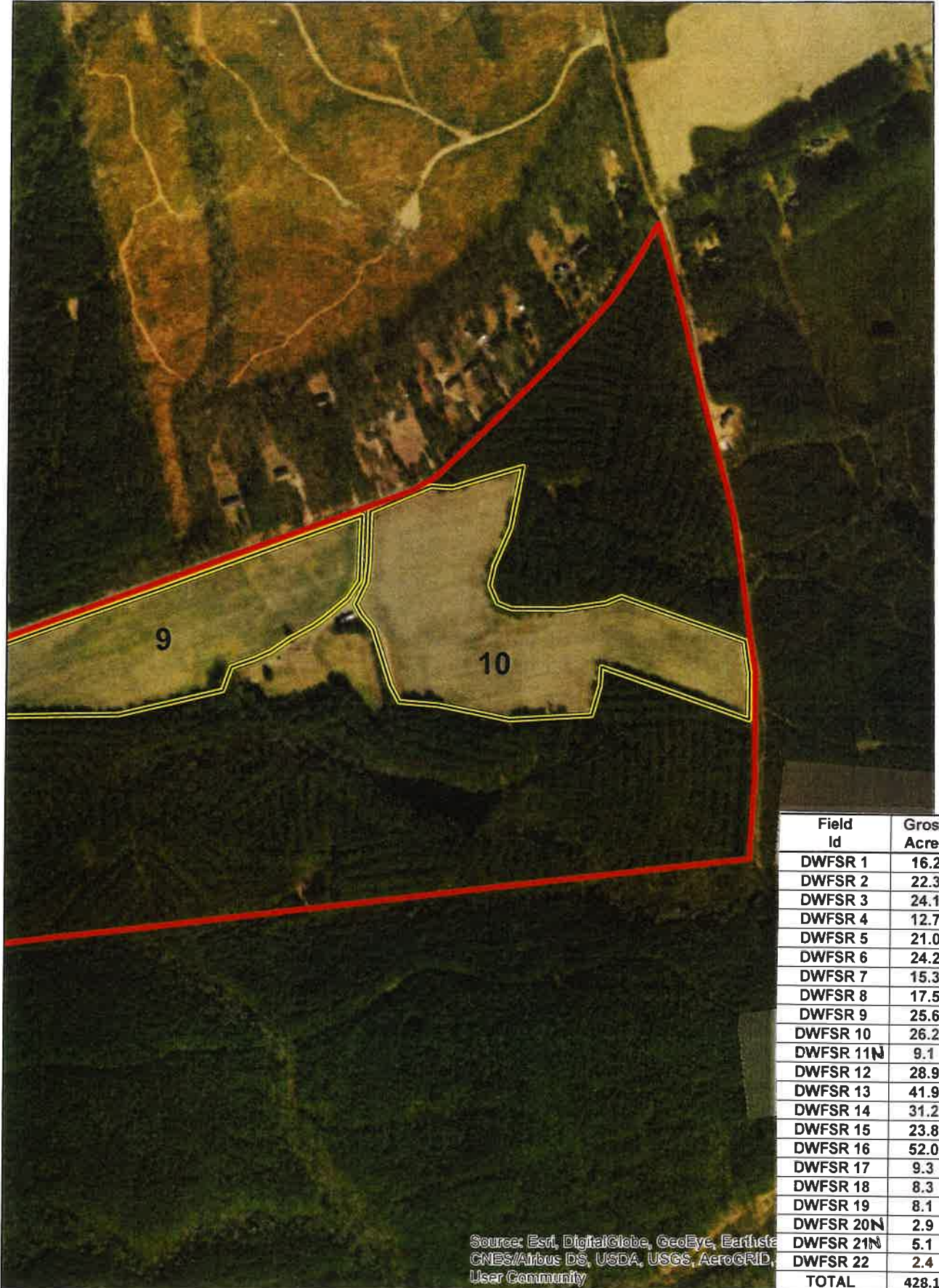


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

5-3-23

Aerial Map

1 in = 660 feet

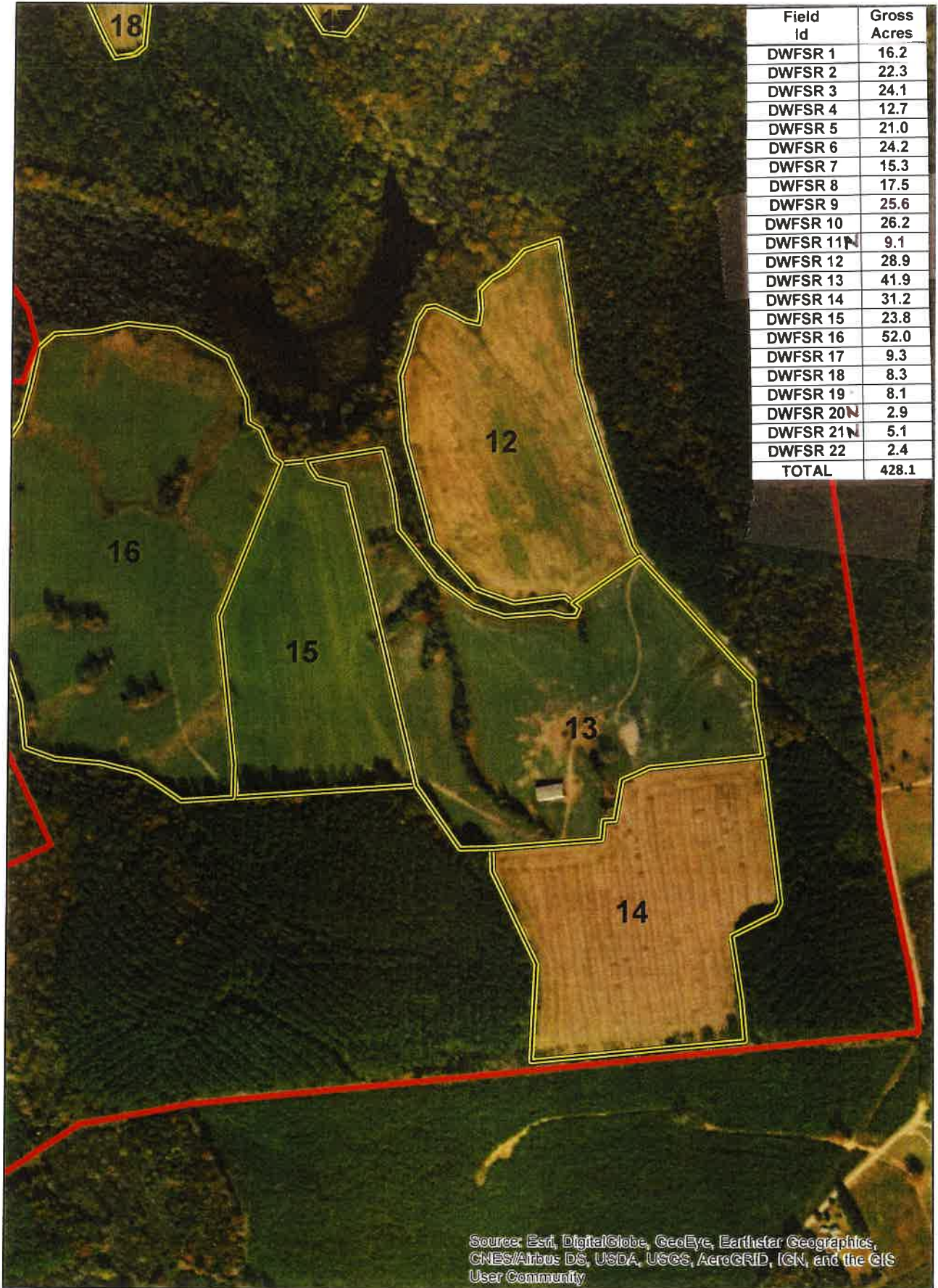


5-3-23

Aerial Map

1 in = 660 feet

Source: Esri, DigitalGlobe, GeoEye, Earthstar
CNES/Airbus DS, USDA, USGS, AeroGRID,
User Community

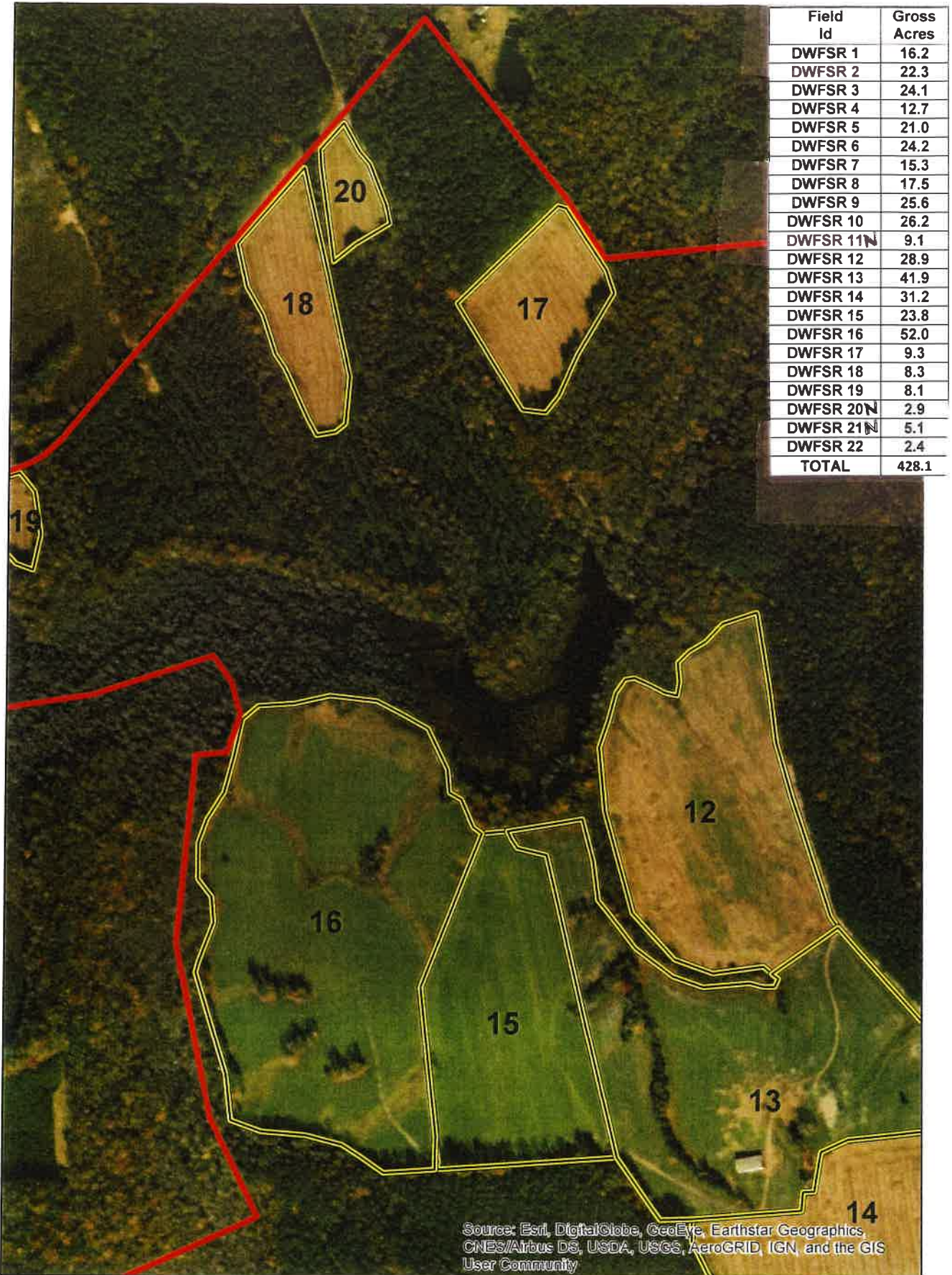


5-3-23

Aerial Map

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Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



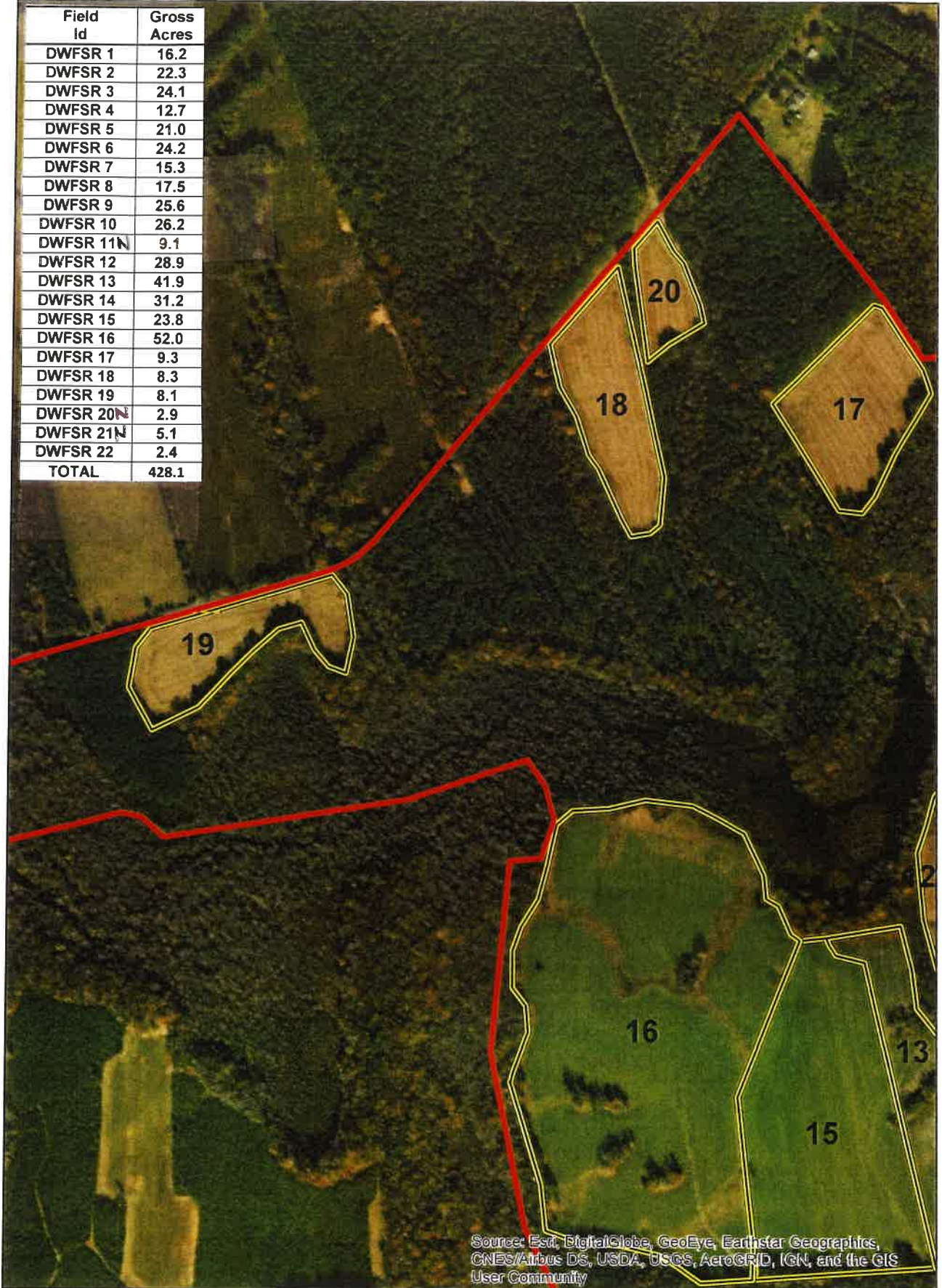
5-3-23

Aerial Map

1 in = 660 feet



Field Id	Gross Acres
DWFSR 1	16.2
DWFSR 2	22.3
DWFSR 3	24.1
DWFSR 4	12.7
DWFSR 5	21.0
DWFSR 6	24.2
DWFSR 7	15.3
DWFSR 8	17.5
DWFSR 9	25.6
DWFSR 10	26.2
DWFSR 11N	9.1
DWFSR 12	28.9
DWFSR 13	41.9
DWFSR 14	31.2
DWFSR 15	23.8
DWFSR 16	52.0
DWFSR 17	9.3
DWFSR 18	8.3
DWFSR 19	8.1
DWFSR 20N	2.9
DWFSR 21N	5.1
DWFSR 22	2.4
TOTAL	428.1











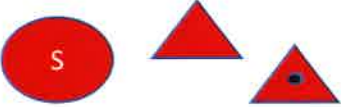





5-3-23

Aerial Map

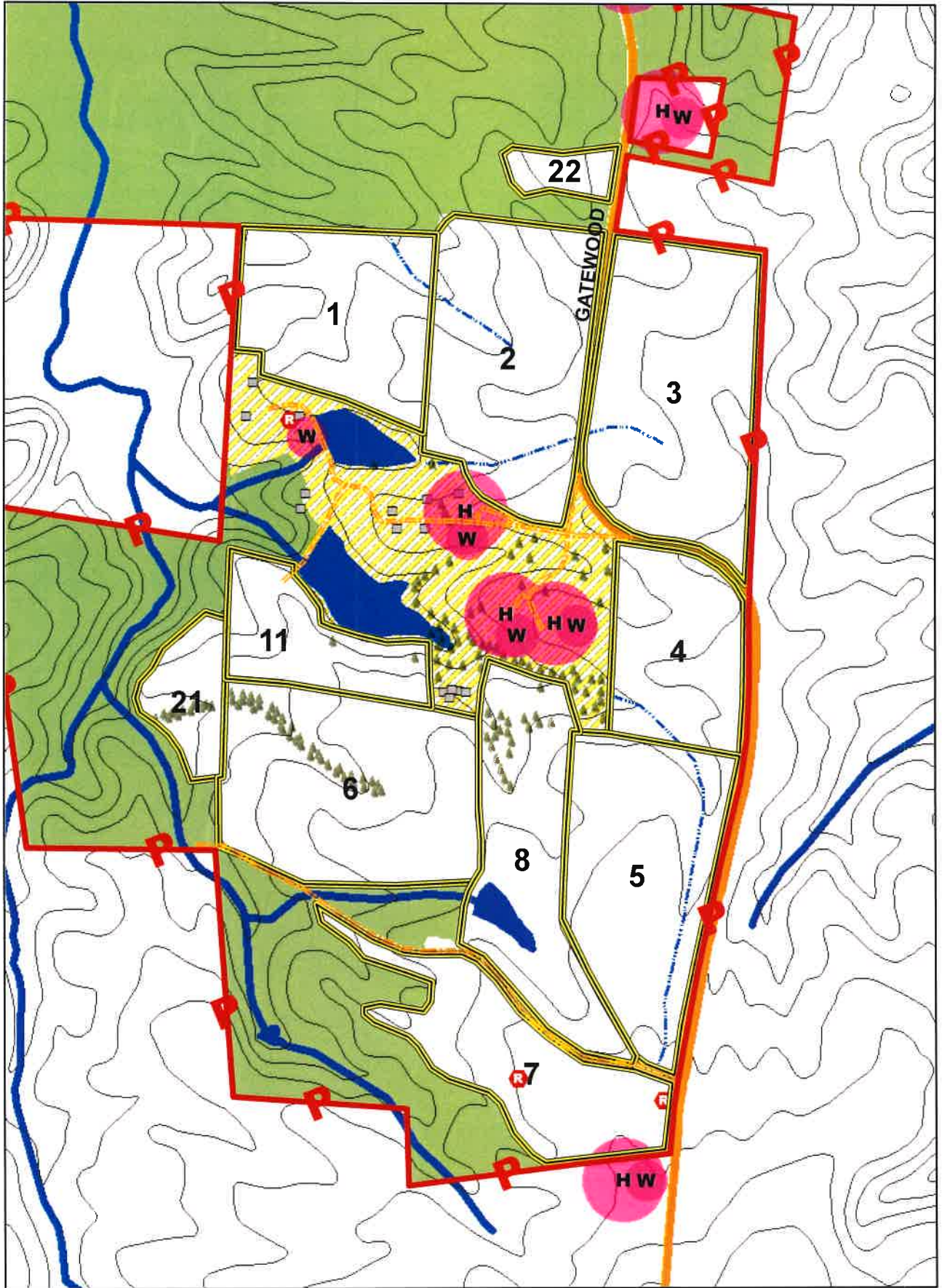
1 in = 660 feet

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend For Site Plan

Symbol	Feature	Minimum Setback
	House and Well	200 feet from occupied dwelling * 100 feet from water supply wells or springs
	Well or Spring	100 feet from water supply wells or springs
	Streams or Surface Water	35 feet with 35 foot vegetated buffer 100 feet without vegetated buffer
	Wet Spot	
	Trees and Woods	
	Private Drive	
	Rock Area/Rock Outcrop	25 feet from rock outcrops 50 feet from limestone rock outcrops
	Severely Eroded Spot	18 Inch minimum depth of soil
	Sink Hole	100 feet from open sinkholes 50 feet from closed sinkholes
	State Road	10 feet from side of roadway
	Fence / Field Boundary	
	Property Line	100 feet from property line *
	Slope	15% maximum
	Hashed out Area	No application

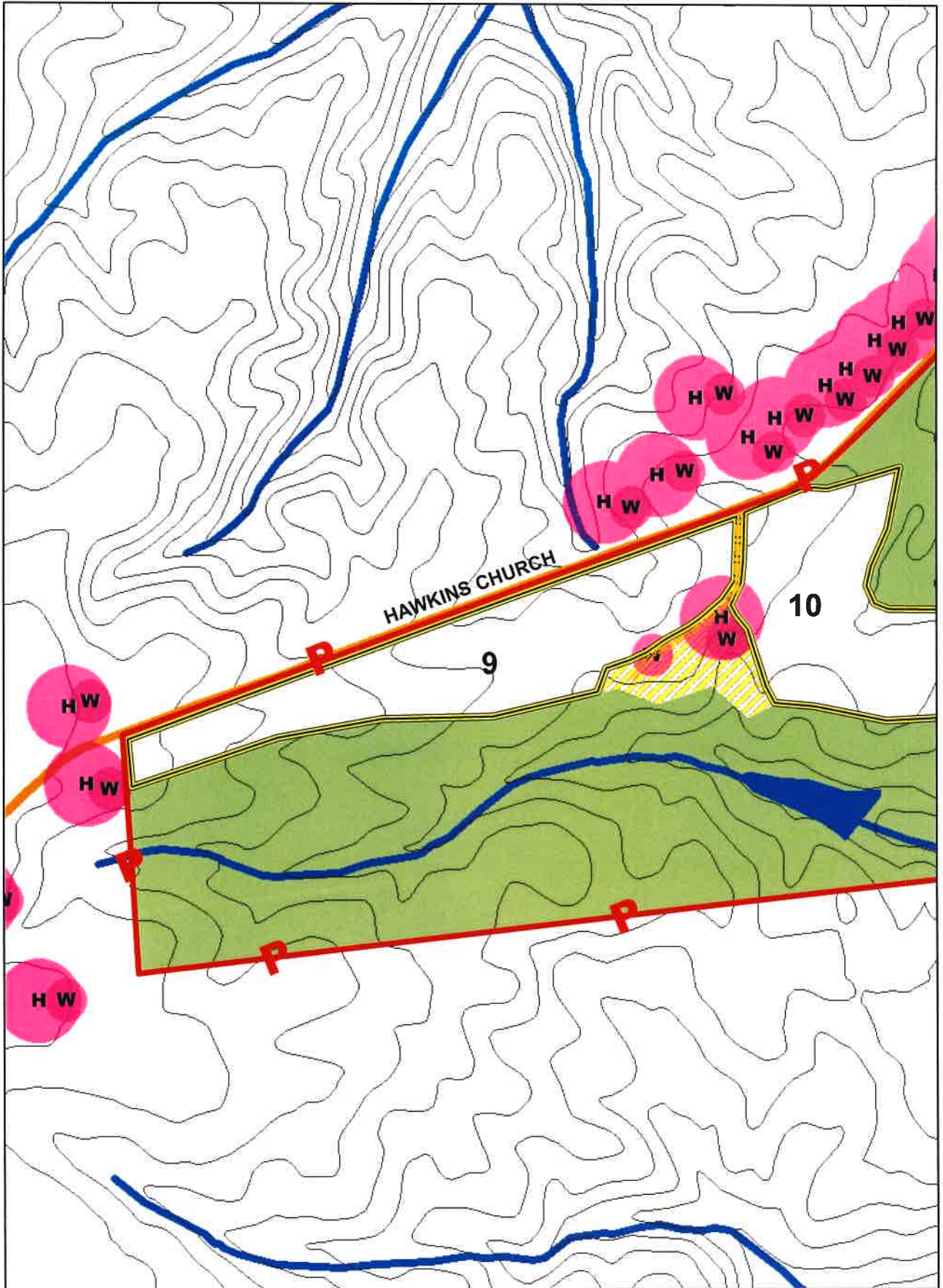
*Buffer can be reduced or waived upon written consent from landowner.



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Site Map

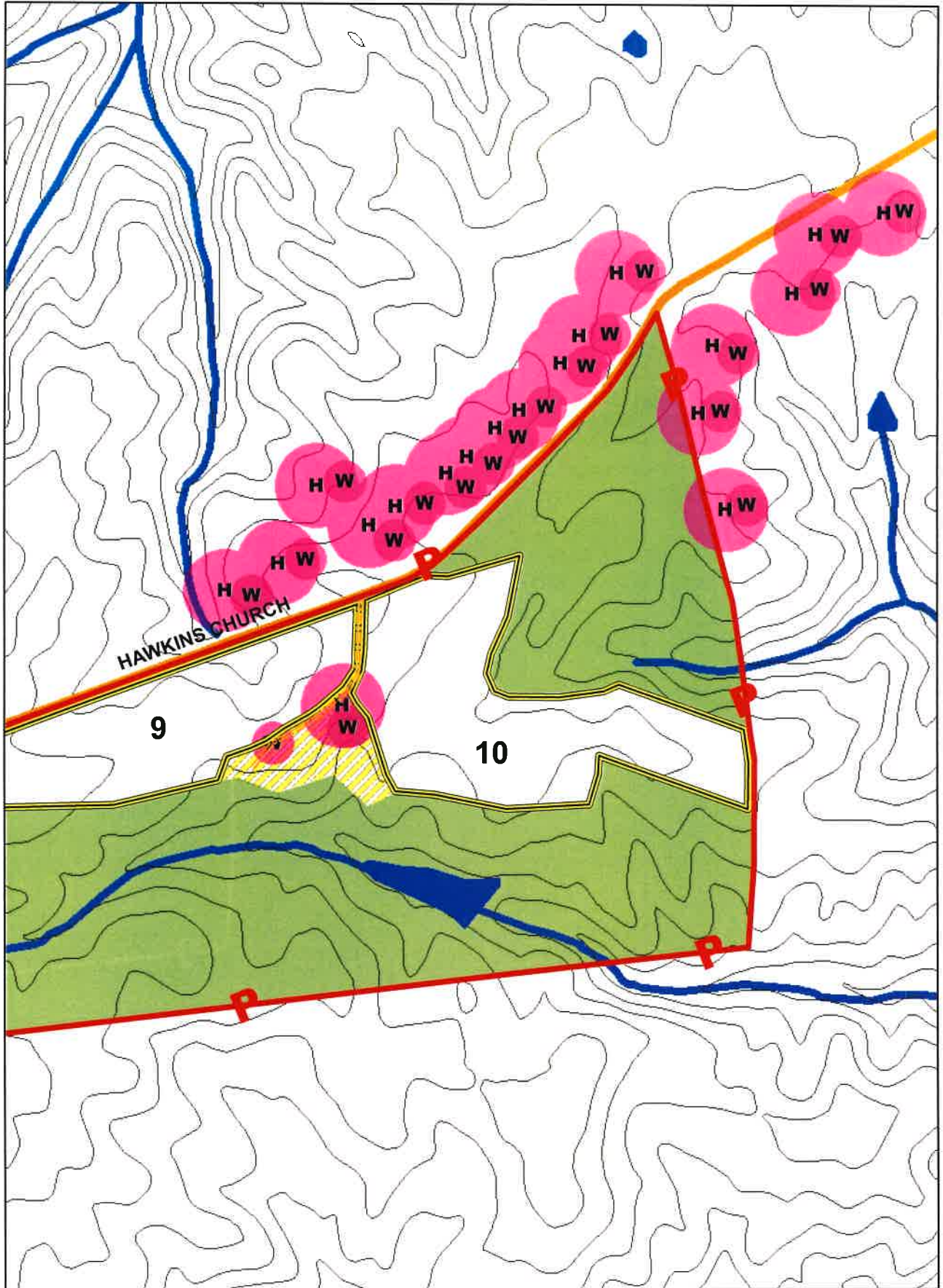
1 in = 660 feet



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Site Map

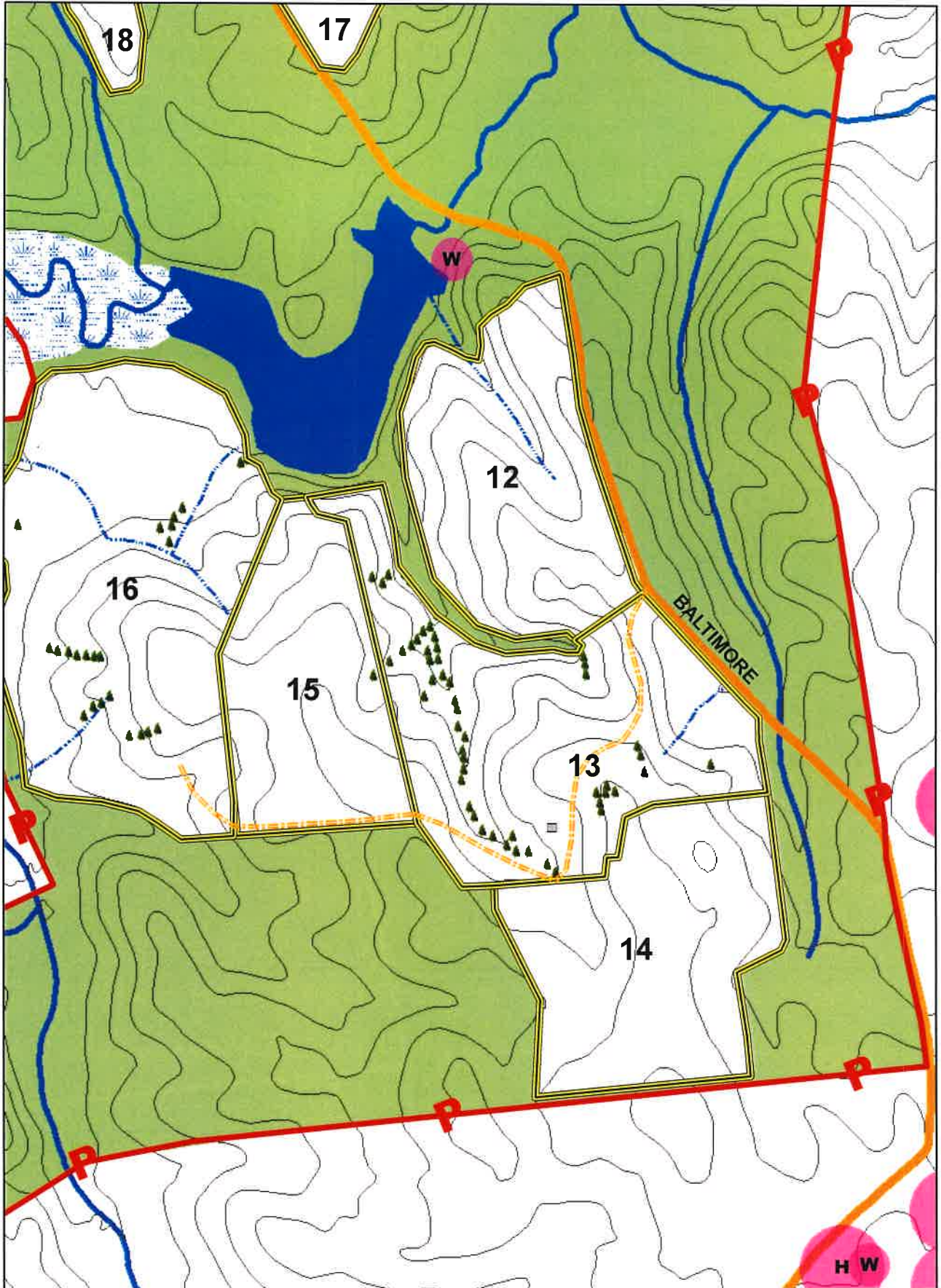
1 in = 660 feet



5-3-23

Site Map

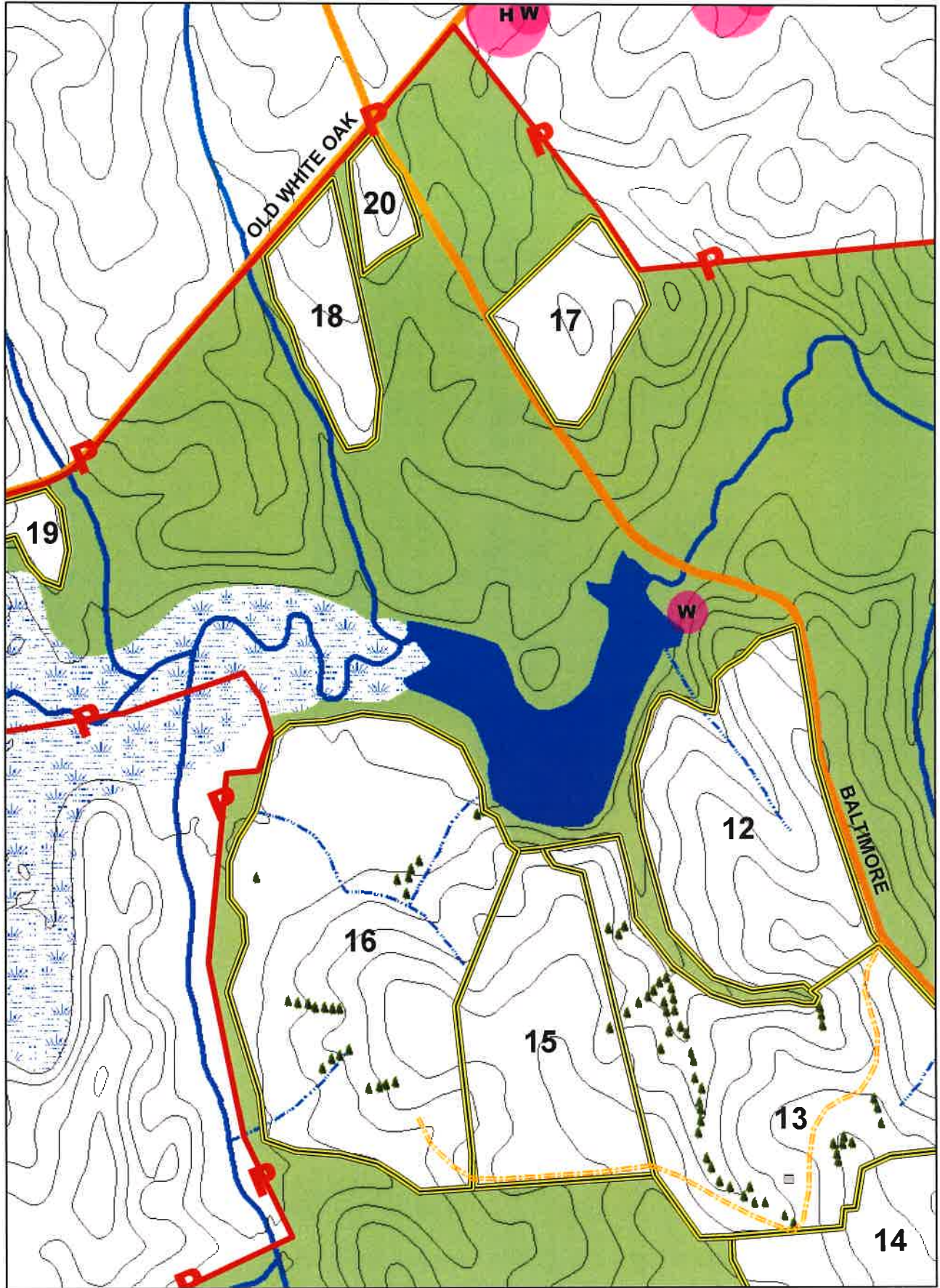
1 in = 660 feet



5-3-23

Site Map

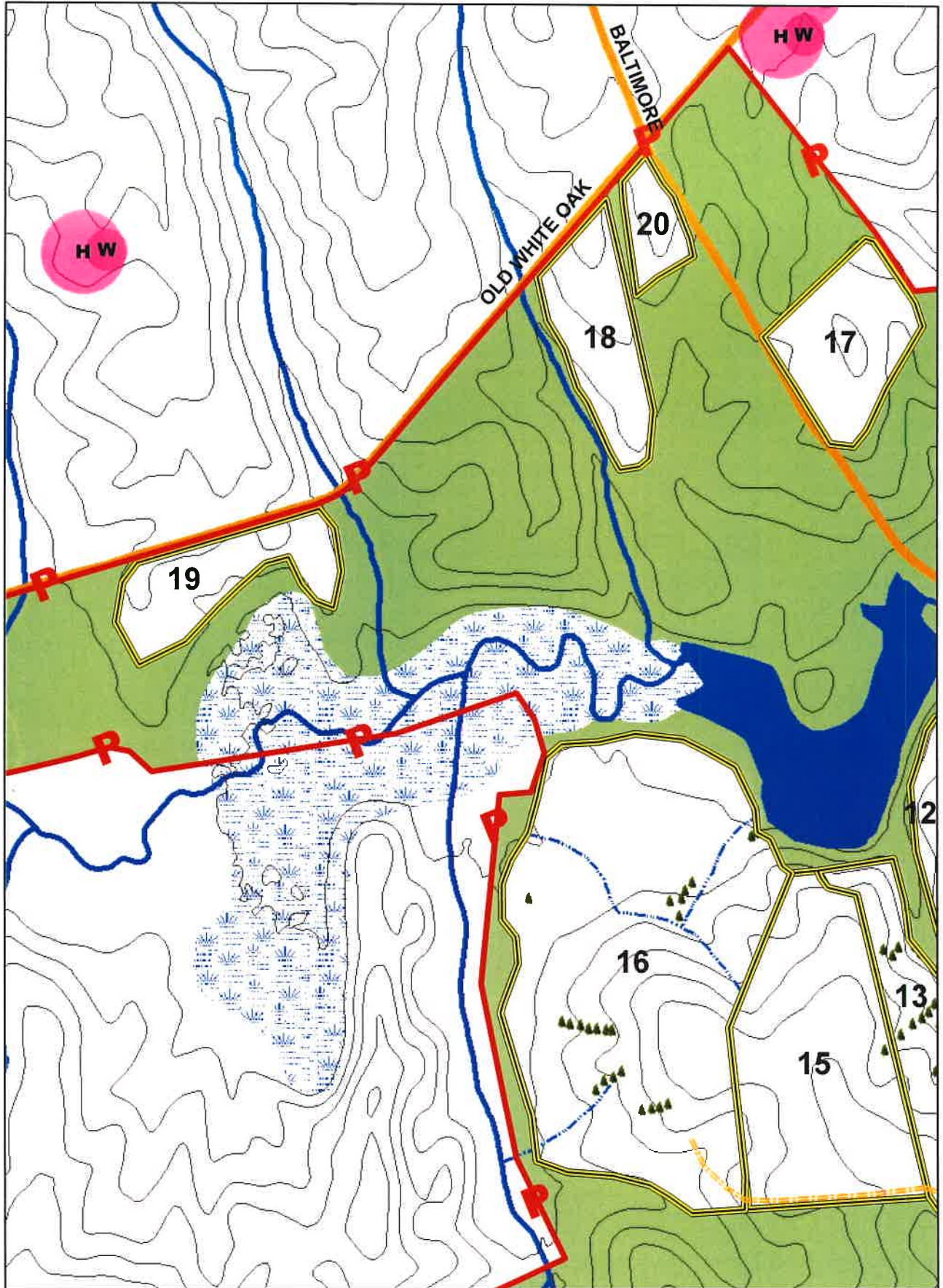
1 in = 660 feet



5-3-23

Site Map

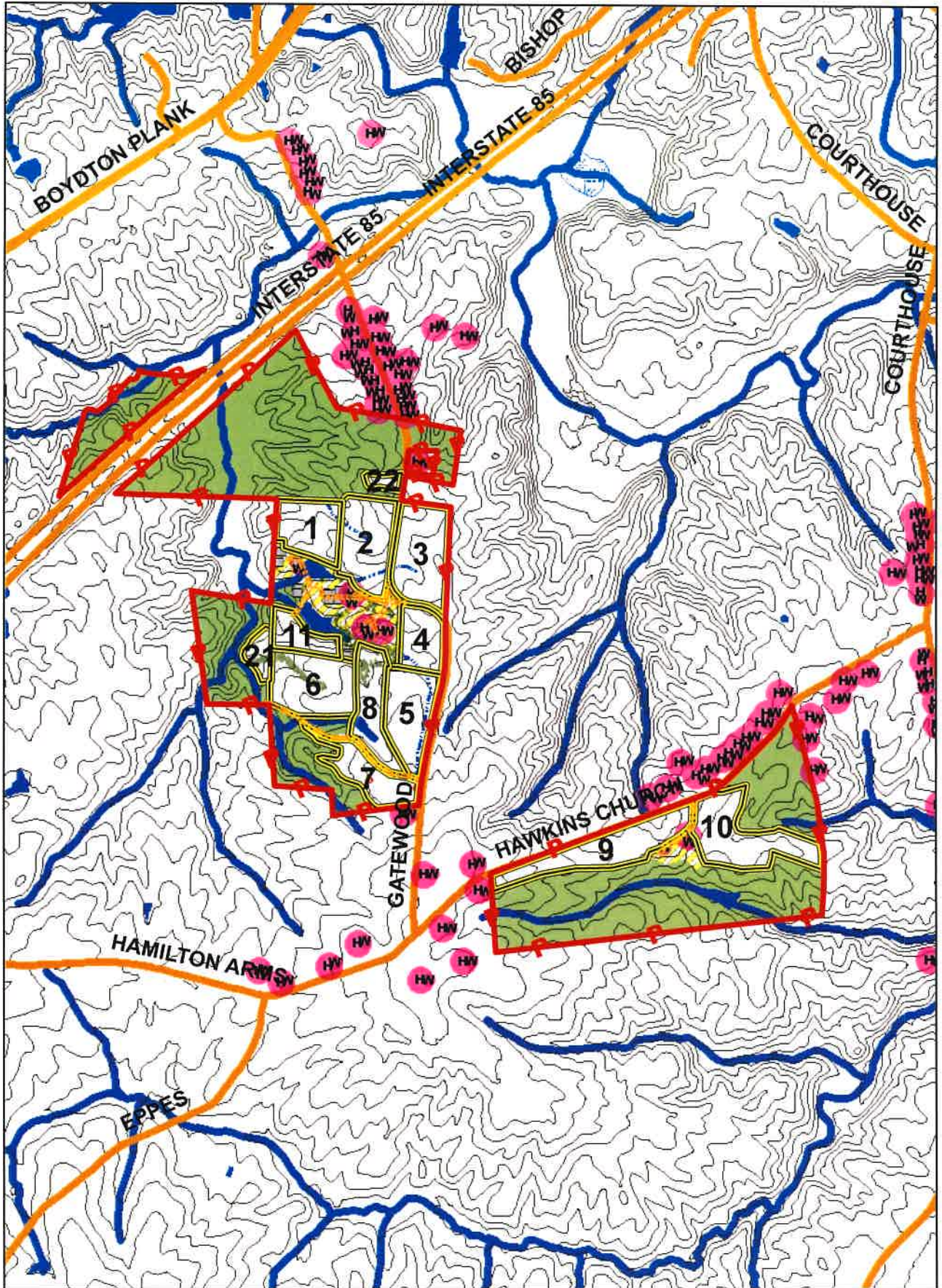
1 in = 660 feet



5-3-23

Site Map

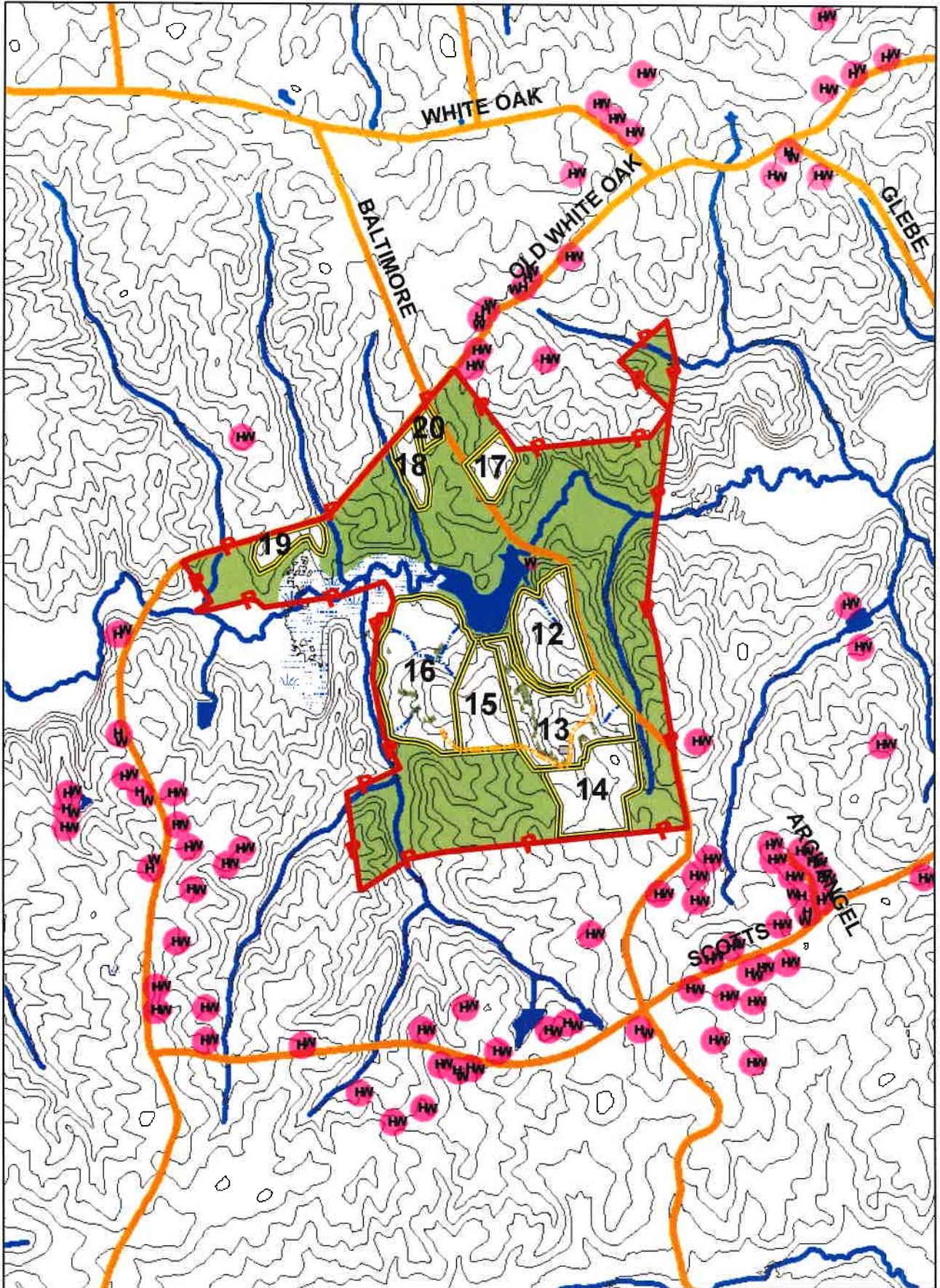
1 in = 660 feet



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Topographic Map

1 in = 2,000 feet



5-3-23

Topographic Map

1 in = 2,000 feet