

LAND APPLICATION SITE

BROADDUS PROPERTIES

CRBPL 1 - 37

CAROLINE 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 12/27/18 between Broadbus Properties LLC 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 Caroline Co., 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
77-1-2 <u>central point</u>	00-A-28 <u>Pitts-writes</u>	75-A-12 <u>Harris</u>	58-2-2B
58-2-1,3 <u>BESSIE ALLEN</u>	00-A-13 <u>Eugene Wright</u>	60-A-23C	58-3-A
59-A-19,22 <u>JAMES ALLEN</u>	75-A-14 <u>HARRIS</u>	60-A-26	58-3-B1
00-A-22 <u>Pitts-Alps</u>	75-A-13 <u>HARRIS</u>	58-A-37,34	

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.

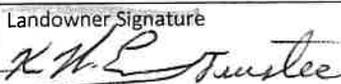
In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

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.

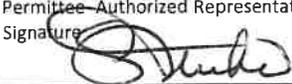
Class B biosolids Water treatment residuals Food processing waste Other industrial sludges
 Yes No Yes No Yes No Yes No

Printed name <u>Broadbus Properties LLC</u>	Mailing Address <u>PO BOX 130V BOWLING GREEN VA 22427</u>	Landowner Signature 
By: <u>KEVIN ENGEL</u>	Phone No. <u>804 633 1401</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 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: Caroline County
Landowner: Broadaus Properties LLC

Landowner Site Management Requirements:

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

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

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

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

Following biosolids application to pasture or hayland sites:

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

[Signature] Landowner's Signature 12/27/2018 Date

[Signature] Operator's Signature PO BOX 1300 BOWLING GREEN 12/27/18 mailing address & phone va 22427 Date

804-033-1401

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

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

A. This land application agreement is made on 12/27/18 between maxie L Broaddus 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 caroline co., 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
85-A-21 sandy springs			

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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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>The maxie L Broaddus TRUST</u>	Mailing Address <u>PO BOX 1300 BOWLING GREEN VA 22427</u>	Landowner Signature 
By: <u>KEVIN ENGEL</u>	Phone No. <u>804 033 1401</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 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: Caroline County
Landowner: The Maxie L Broadus Trust

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.
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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).

 Trustee 12/27/2018
Landowner's Signature Date

 Operator's Signature PO BOX 1300 mailing address & phone 12/27/18 Date
BOWLING GREEN VA 22427
804 633 1401

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: Broaddus Properties

County or City: Caroline Co.

Please Print

Signature not required on this page

Tax Parcel ID (s)	Landowner (s)
85-A-21	Kevin W Engel (Trustee)
58-2-1	Bessie B Allen Life Estate c/o Broaddus Properties LLC
58-2-3	Broaddus Properties LLC
58-A-37	Broaddus Properties LLC
58-2-2B	Broaddus Properties LLC
58-3-A	Broaddus Properties LLC
58-3-B1	Broaddus Properties LLC
59-A-19	Broaddus Properties LLC
59-A-22	Broaddus Properties LLC
58-A-34	Broaddus Properties LLC
60-A-13	Broaddus Properties LLC
60-A-26	Maxie L Broaddus Estate
60-A-28	Broaddus Properties LLC
60-A-23C	Broaddus Properties LLC
60-A-22	Broaddus Properties LLC
77-1-2	Broaddus Properties LLC
75-A-12	Broaddus Properties LLC
75-A-13	Broaddus Properties LLC
75-A-14	Broaddus Properties LLC

TMP 58-2-1

Consideration \$272,700.00
Assessed Value \$304,800.00

Prepared by Alexander F. Dillard, Jr. of Dillard and Katona
P. O. Box 356
Tappahannock, VA 22560
VSB # 08962

Return to: Dillard and Katona

Title Insurance Underwriter: Fidelity National Title Company
Policy Number NN13-6

THIS DEED, made this 5th day of February, 2013, between BESSIE R. ALLEN, PATRICIA R. CABANISS, and CHARLOTTE R. SMITH, of the first part, GRANTORS, and BROADDUS PROPERTIES LLC, A Virginia limited liability company, of the second part, GRANTEE:

--- W - I - T - N - E - S - S - E - T - H ---

That for and in consideration of the sum of TEN DOLLARS (\$10.00) and of other good and valuable considerations, receipt whereof is hereby acknowledged, the GRANTORS do grant and convey unto the GRANTEE, with GENERAL WARRANTY OF TITLE, the real estate hereinafter described as follows:

SEE SCHEDULE A

The GRANTORS do hereby reserve for the use and benefit of BESSIE R. ALLEN, a life estate for her lifetime only in and to the dwelling house and curtilage on the real estate hereby conveyed.

This conveyance is further made subject to the easements, conditions, restrictions, covenants, and reservations of record as the same may be applicable to the real estate hereby conveyed.

Subject to the foregoing, the GRANTORS covenant that they have the right to convey said land to the GRANTEE; that they have done no act to encumber the same; that the GRANTEE shall have quiet possession thereof, free from all encumbrances, except as aforesaid; and that they will execute such further assurances of title as may be requisite.

WITNESS the following signatures and seals:

FARM DATA SHEET

SITE NAME:	Broaddus Properites	COUNTY:	Caroline
OWNER:	Broaddus Properites LLC	OPERATOR:	See attached list
OWNER'S ADDRESS:	PO Box 1306 Bowling Green VA 22427	OPERATOR'S ADDRESS:	
OWNER'S TELEPHONE:	804-633-1401	OPERATOR'S TELEPHONE:	-
GENERAL FARM TYPE:	Row Crops	CELL PHONE:	
# CATTLE:	None	EMAIL:	-
LAGOON or SLURRY:	N/A	LATITUDE:	See attached list
TOPO QUAD:	Bowling Green / Sparta/ Cauthornville / Supply	LONGITUDE:	See attached list
COMMENTS:		METHOD OF DETERMINATION:	Online Maps

Latitude & Longitude:

Fields 1 -5	Latitude	37.935
	Longitude	-77.375
Fields 6 – 12	Latitude	38.019
	Longitude	-77.239
Fields 13 - 18	Latitude	38.020
	Longitude	-77.241
Fields 19 – 20	Latitude	38.013
	Longitude	-77.247
Fields 21 -22	Latitude	38.010
	Longitude	-77.195
Fields 23-24	Latitude	38.023
	Longitude	-77.171
Fields 25-29	Latitude	38.007
	Longitude	-77.168
Fields 30-31	Latitude	37.988
	Longitude	-77.119
Fields 32-37	Latitude	37.961
	Longitude	-77.192

Farm Operator List as of August 2019

Fields 1 – 5, 32-37	Kevin Engel Engel Farms PO Box 279 Hanover VA 23069	office 804-537-5821 cell 804-370-9486
Fields 6-13, 19-20, 30-31	L Wayne Kirby 10572 Summer Hill Rd Mechanicsville VA 23116	cell 804-357-6181
Fields 14-18	Mike Broaddus 22476 Maracossi Dr Bowling Green VA 22427	cell 804-633-5491
Fields 21-29	David Beazley 13998 Farmer Dr Woodford VA 22580	cell 804-381-1762

RECYC SYSTEMS, INC

FIELD DATA SHEET

Field Identification	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map #	FSA Tract #	FSA F#
		Water Table	Bed Rock/ Shallow	Surf/ Leach	Freq Flood				
CRBPL 1	40.3	----	----	----	----	YO48	85-A-21	3632	2
CRBPL 2	11.2	----	----	----	----	YO48	85-A-21	3632	3
CRBPL 3	14.7	----	----	----	----	YO48	85-A-21	3632	4
CRBPL 4	35.3	----	----	----	----	YO48	85-A-21	3632	5
CRBPL 5	71.3	----	----	----	----	YO48	85-A-21	3632	6
CRBPL 6	19.4	----	----	----	----	YO51	58-2-1	2619	2
CRBPL 7	54.4	----	----	----	----	YO51	58-2-1 58-2-3	2619	1
CRBPL 8	29.5	----	----	----	----	YO51	58-2-3	3601	1
CRBPL 9	7.3	----	----	----	----	YO51	58-A-37	3601	9
CRBPL 10	2.4	----	----	----	----	YO51	58-A-37	3601	10

Field Identification	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map #	FSA Tract #	FSA F#
		Water Table	Bed Rock/ Shallow	Surf/ Leach	Freq Flood				
CRBPL 11	53.6	----	----	----	----	YO51	58-2-3 58-2-2B 58-A-37	3601	2
CRBPL 12	46.7	----	----	----	----	YO51	58-3-BA 58-3-A	3601	3
CRBPL 13	13.1	----	----	----	----	YO51	59-A-19	2754	1
CRBPL 14	6.6	----	----	----	----	YO51	59-A-19	3561 3244	1,5
CRBPL 15	3.6	----	----	----	----	YO51	59-A-19	3244	3
CRBPL 16	3.5	----	----	----	----	YO51	59-A-19	3561	2
CRBPL 17	16.7	----	----	----	----	YO51	59-A-19	3561	15
CRBPL 18	27.4	----	----	----	----	YO51	59-A-19	3561 3244	17, 2
CRBPL 19	7.1	----	----	----	----	YO51	58-A-34 58-A-22	253	2
CRBPL 20	50.6	----	----	----	----	YO51	58-A-34 58-A-22	253	1

Field Identification	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map #	FSA Tract #	FSA F#
		Water Table	Bed Rock/ Shallow	Surf/ Leach	Freq Flood				
CRBPL 21	56	----	----	----	----	YO51	60-A-13	2450	1
CRBPL 22	63	----	----	----	----	YO51	60-A-13	2450	2
CRBPL 23	36	----	----	----	----	YO52	60-A-26	2452	6
CRBPL 24	48.5	----	----	----	----	YO52	60-A-28	2453	1
CRBPL 25	42	----	----	----	----	YO52	60-A-23C 60-A-22	2451	36, 1
CRBPL 26	12.2	----	----	----	----	YO52	60-A-23C	2451	38
CRBPL 27	4.9	----	----	----	----	YO52	60-A-22	2454	2
CRBPL 28	18	----	----	----	----	YO52	60-A-22	2454	3
CRBPL 29	29.5	----	----	----	----	YO52	60-A-22	2454	4

Field Changes
Broaddus Properties
Caroline County

previously Maxie L Broaddus Site Book

New Field Id	Old Field Id
CRBPL 1	CRMLB 7
CRBPL 2	CRMLB 7 6
CRBPL 3	CRMLB 7 6
CRBPL 4	CRMBL 5
CRBPL 5	CRMBL 8
CRBPL 6	new
CRBPL 7	new
CRBPL 8	new
CRBPL 9	new
CRBPL 10	new
CRBPL 11	new
CRBPL 12	new
CRBPL 13	new
CRBPL 14	new
CRBPL 15	new
CRBPL 16	new
CRBPL 17	new
CRBPL 18	new
CRBPL 19	CRMLB 4
CRBPL 20	CRMLB 4
CRBPL 21	CRMLB 1
CRBPL 22	CRMLB 2
CRBPL 23	CRBML 22
CRBPL 24	CRMLB 23
CRBPL 25	CRMLB 19
CRBPL 26	CRMLB 18
CRBPL 27	CRMLB 24
CRBPL 28	CRMLB 24
CRBPL 29	CRMLB 25
CRBPL 30	new
CRBPL 31	new
CRBPL 32	new
CRBPL 33	new
CRBPL 34	new
CRBPL 35	new
CRBPL 36	new
CRBPL 37	new

FIELD CHANGES
BROADDUS PROPERTIES LLC
CAROLINE COUNTY

NEW FIELD 1 WAS OLD FIELD 7.

NEW FIELDS 2 & 3 WAS OLD FIELD 7. 6

NEW FIELD 4 WAS OLD FIELD 5.

NEW FIELD 5 WAS OLD FIELD 8.

FIELDS 6-18 ARE NEW FIELDS.

NEW FIELDS 19 & 20 WAS OLD FIELD 4.

NEW FIELD 21 WAS OLD FIELD 1.

NEW FIELD 22 WAS OLD FIELD 2.

NEW FIELD 23 WAS OLD FIELD 22.

NEW FIELD 24 WAS OLD FIELD 23.

NEW FIELD 25 WAS OLD FIELD 19.

NEW FIELD 26 WAS OLD FIELD 18.

NEW FIELDS 27 & 28 WAS OLD FIELD 24.

NEW FIELD 29 WAS OLD FIELD 25.

FIELDS 30-37 ARE NEW FIELDS.

Nutrient Management Plan Balance Sheet
(Fall, 2019-Winter, 2024)
Broaddus Properties
Planner: Susan Trumbo (cert. No. 103)

Tract: 253 Location: Caroline
(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/BPL 19(N)	7/7	2019	Wheat (cover)	0-0-0	0/0				0-0-0	N/A		
		2020	Corn (grain)	150-80-80	0/0				150-80-80	N/A		
		2021	Wheat (cover)	0-0-0	0/0				0-80-80	N/A		
			Soybeans (FS)	0-60-60	0/0				0-140-140	N/A		
1/BPL 20(N)	51/51	2019	Wheat (cover)	0-0-0	0/0				0-0-0	N/A		
		2020	Corn (grain)	140-60-60	0/0				140-60-60	N/A		
		2021	Wheat (cover)	0-0-0	0/0				0-60-60	N/A		
			Soybeans (FS)	0-60-60	0/0				0-120-120	N/A		

Commercial Application Methods:
br - Broadcast ba - Banded sd - Sidedress
Notes:

Tract: 2450

Location: Caroline

(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
10/BPL 21(N)	55/55	2019	Wheat (cover)	0-0-0	0/0				0-0-0	N/A		
		2020	Corn (grain)	140-60-60	0/0				140-60-60	N/A		
		2021	Wheat (cover)	0-0-0	0/0				0-60-60	N/A		
			Soybeans (FS)	0-60-60	0/0				0-120-120	N/A		
2/BPL 22(N)	64/64	2019	Wheat (cover)	0-0-0	0/0				0-0-0	N/A		
		2020	Corn (grain)	140-60-60	0/0				140-60-60	N/A		
		2021	Wheat (cover)	0-0-0	0/0				0-60-60	N/A		
			Soybeans (FS)	0-60-60	0/0				0-120-120	N/A		

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 2451

Location: Caroline

(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/BPL 25(N)	43/43	2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
		2020	Corn (grain)	140-60-60	0/0			140-60-60	N/A			
			Wheat (cover)	0-0-0	0/0			0-60-60	N/A			
		2021	Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			
38/BPL 26(N)	13/13	2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
		2020	Corn (grain)	140-60-60	0/0			140-60-60	N/A			
			Wheat (cover)	0-0-0	0/0			0-60-60	N/A			
		2021	Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 2452 Location: Caroline

(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
6/BPL 23(N)	35/35	2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
		2020	Corn (grain)	140-60-60	0/0			140-60-60	N/A			
			Wheat (cover)	0-0-0	0/0			0-60-60	N/A			
		2021	Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 2453

Location: Caroline

(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/BPL 24(N)	49/49	2019	Wheat (cover)	0-0-0	0/0				0-0-0	N/A		
		2020	Corn (grain)	140-60-60	0/0				140-60-60	N/A		
			Wheat (cover)	0-0-0	0/0				0-60-60	N/A		
		2021	Soybeans (FS)	0-60-60	0/0				0-120-120	N/A		

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 2454

Location: Caroline

(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/BPL 27(N)	5/5	2019	Wheat (cover)	0-0-0	0/0				0-0-0	N/A		
		2020	Corn (grain)	140-60-60	0/0				140-60-60	N/A		
		2021	Wheat (cover)	0-0-0	0/0				0-60-60	N/A		
			Soybeans (FS)	0-60-60	0/0				0-120-120	N/A		
3/BPL 28(N)	18/18	2019	Wheat (cover)	0-0-0	0/0				0-0-0	N/A		
		2020	Corn (grain)	140-60-60	0/0				140-60-60	N/A		
		2021	Wheat (cover)	0-0-0	0/0				0-60-60	N/A		
			Soybeans (FS)	0-60-60	0/0				0-120-120	N/A		
4/BPL 29(N)	30/30	2019	Wheat (cover)	0-0-0	0/0				0-0-0	N/A		
		2020	Corn (grain)	140-60-60	0/0				140-60-60	N/A		
		2021	Wheat (cover)	0-0-0	0/0				0-60-60	N/A		
			Soybeans (FS)	0-60-60	0/0				0-120-120	N/A		

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 2619

Location: Caroline

(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/BPL 06(N)	20/20	2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
		2020	Corn (grain)	130-60-60	0/0			130-60-60	N/A			
		2021	Wheat (cover)	0-0-0	0/0			0-60-60	N/A			
			Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			
1/BPL 07(N)	53/53	2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
		2020	Corn (grain)	130-60-60	0/0			130-60-60	N/A			
		2021	Wheat (cover)	0-0-0	0/0			0-60-60	N/A			
			Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 2754

Location: Caroline

(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/BPL 13(N)	14/14	2019	Wheat (cover)	0-0-0	0/0				0-0-0	N/A		
		2020	Corn (grain)	140-60-60	0/0				140-60-60	N/A		
			Wheat (cover)	0-0-0	0/0				0-60-60	N/A		
		2021	Soybeans (FS)	0-60-60	0/0				0-120-120	N/A		

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 3094

Location: Caroline

(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
7/BPL 32(N)	14/14	2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
		2020	Corn (grain)	140-60-60	0/0			140-60-60	N/A			
		2021	Wheat (cover)	0-0-0	0/0			0-60-60	N/A			
			Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			
1/BPL 33(N)	18/18	2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
		2020	Corn (grain)	140-60-60	0/0			140-60-60	N/A			
		2021	Wheat (cover)	0-0-0	0/0			0-60-60	N/A			
			Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			
5/BPL 34(N)	4/4	2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
		2020	Corn (grain)	140-60-60	0/0			140-60-60	N/A			
		2021	Wheat (cover)	0-0-0	0/0			0-60-60	N/A			
			Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			
6/BPL 35(N)	7/7	2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
		2020	Corn (grain)	140-60-60	0/0			140-60-60	N/A			
		2021	Wheat (cover)	0-0-0	0/0			0-60-60	N/A			
			Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			
2/BPL 36(N)	15/15	2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
		2020	Corn (grain)	140-60-60	0/0			140-60-60	N/A			
		2021	Wheat (cover)	0-0-0	0/0			0-60-60	N/A			
			Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			
4/BPL 37(N)	16/16	2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
		2020	Corn (grain)	140-60-60	0/0			140-60-60	N/A			
		2021	Wheat (cover)	0-0-0	0/0			0-60-60	N/A			
			Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 3244

Location: Caroline

(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/BPL 14(N)	6/6	2019	Wheat (cover)	0-0-0	0/0				0-0-0	N/A		
		2020	Corn (grain)	140-60-60	0/0				140-60-60	N/A		
		2021	Wheat (cover)	0-0-0	0/0				0-60-60	N/A		
			Soybeans (FS)	0-60-60	0/0				0-120-120	N/A		
3/BPL 15(N)	4/4	2019	Wheat (cover)	0-0-0	0/0				0-0-0	N/A		
		2020	Corn (grain)	140-60-60	0/0				140-60-60	N/A		
		2021	Wheat (cover)	0-0-0	0/0				0-60-60	N/A		
			Soybeans (FS)	0-60-60	0/0				0-120-120	N/A		
17/BPL 18(N)	25/25	2019	Wheat (cover)	0-0-0	0/0				0-0-0	N/A		
		2020	Corn (grain)	140-60-60	0/0				140-60-60	N/A		
		2021	Wheat (cover)	0-0-0	0/0				0-60-60	N/A		
			Soybeans (FS)	0-60-60	0/0				0-120-120	N/A		

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 3340

Location: Caroline

(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/BPL 30(N)	110/110	2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
		2020	Corn (grain)	120-60-60	0/0			120-60-60	N/A			
			Wheat (cover)	0-0-0	0/0			0-60-60	N/A			
2/BPL 31(N)	22/22	2021	Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			
		2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
			2020	Corn (grain)	100-60-60	0/0			100-60-60	N/A		
Wheat (cover)	0-0-0		0/0			0-60-60	N/A					
		2021	Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 3561

Location: Caroline

(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/BPL 16(N)	4/4	2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
		2020	Corn (grain)	140-60-60	0/0			140-60-60	N/A			
		2021	Wheat (cover)	0-0-0	0/0			0-60-60	N/A			
			Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			
15/BPL 17(N)	17/17	2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
		2020	Corn (grain)	140-60-60	0/0			140-60-60	N/A			
		2021	Wheat (cover)	0-0-0	0/0			0-60-60	N/A			
			Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 3601

Location: Caroline

(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/BPL 08(N)	29/29	2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
		2020	Corn (grain)	130-60-60	0/0			130-60-60	N/A			
		2021	Wheat (cover)	0-0-0	0/0			0-60-60	N/A			
			Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			
9/BPL 09(N)	7/7	2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
		2020	Corn (grain)	130-60-60	0/0			130-60-60	N/A			
		2021	Wheat (cover)	0-0-0	0/0			0-60-60	N/A			
			Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			
10/BPL 10(N)	2/2	2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
		2020	Corn (grain)	80-60-60	0/0			80-60-60	N/A			
		2021	Wheat (cover)	0-0-0	0/0			0-60-60	N/A			
			Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			
2/BPL 11(N)	57/57	2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
		2020	Corn (grain)	130-60-60	0/0			130-60-60	N/A			
		2021	Wheat (cover)	0-0-0	0/0			0-60-60	N/A			
			Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			
3/BPL 12(N)	47/47	2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
		2020	Corn (grain)	130-60-60	0/0			130-60-60	N/A			
		2021	Wheat (cover)	0-0-0	0/0			0-60-60	N/A			
			Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 3632

Location: Caroline

(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 - applied N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes
2/BPL 01(N)	41/41	2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
		2020	Corn (grain)	100-60-60	0/0			100-60-60	N/A			
		2021	Wheat (cover)	0-0-0	0/0			0-60-60	N/A			
			Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			
3/BPL 02(N)	10/10	2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
		2020	Corn (grain)	120-60-60	0/0			120-60-60	N/A			
		2021	Wheat (cover)	0-0-0	0/0			0-60-60	N/A			
			Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			
04/BPL 03(N)	13/13	2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
		2020	Corn (grain)	100-60-60	0/0			100-60-60	N/A			
		2021	Wheat (cover)	0-0-0	0/0			0-60-60	N/A			
			Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			
5/BPL 04(N)	35/35	2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
		2020	Corn (grain)	120-60-60	0/0			120-60-60	N/A			
		2021	Wheat (cover)	0-0-0	0/0			0-60-60	N/A			
			Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			
06/FPL 05(N)	71/71	2019	Wheat (cover)	0-0-0	0/0			0-0-0	N/A			
		2020	Corn (grain)	100-60-60	0/0			100-60-60	N/A			
		2021	Wheat (cover)	0-0-0	0/0			0-60-60	N/A			
			Soybeans (FS)	0-60-60	0/0			0-120-120	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Field Productivities for Major Crops

Tract Name	Tract/ Field	Field Name	Acres	Predominant Soil Series	Corn	Small Grain	Alfalfa	Grass Hay	Environmental Warnings
253	253/2	BPL 19	7	Slagle	I b	I	III	II	
	253/1	BPL 20	51	Kempsville	IIIa	II	Not Suited	II	
2450	2450/10	BPL 21	55	Kempsville	IIIa	II	Not Suited	II	
	2450/2	BPL 22	64	Kempsville	IIIa	II	Not Suited	II	
2451	2451/1	BPL 25	43	Kempsville	IIIa	II	Not Suited	II	
	2451/38	BPL 26	13	Kempsville	IIIa	II	Not Suited	III	
2452	2452/6	BPL 23	35	Kempsville	IIIa	II	Not Suited	III	
2453	2453/1	BPL 24	49	Kempsville	IIIa	II	Not Suited	III	
2454	2454/2	BPL 27	5	Kempsville	IIIa	II	Not Suited	II	
	2454/3	BPL 28	18	Kempsville	IIIa	II	Not Suited	III	
	2454/4	BPL 29*	30	Kempsville	IIIa	II	Not Suited	III	High Leaching, High Slope
2619	2619/2	BPL 06	20	Suffolk	IIIb	II	Not Suited	III	
	2619/1	BPL 07	53	Suffolk	IIIb	II	Not Suited	III	
2754	2754/1	BPL 13	14	Suffolk	IIIa	II	Not Suited	III	
3094	3094/7	BPL 32	14	Kempsville	IIIa	II	Not Suited	II	
	3094/1	BPL 33	18	Kempsville	IIIa	II	Not Suited	II	
	3094/5	BPL 34	4	Bama	IIIa	II	III	II	
	3094/6	BPL 35	7	Kempsville	IIIa	II	III	II	
	3094/2	BPL 36	15	Bama	IIIa	II	III	II	
	3094/4	BPL 37	16	Kempsville	IIIa	II	Not	III	

								Suited		
3244	3561/1	BPL 14	6	Kempsville	IIIa	II	Not Suited	II		
	3561/3	BPL 15	4	Kempsville	IIIa	II	Not Suited	II		
	3561/17	BPL 18	25	Kempsville	IIIa	II	Not Suited	II		
3340	3340/1	BPL 30*	110	Rumford	IVa	II	Not Suited	III	High Leaching, High Slope	
	3340/2	BPL 31*	22	Rumford	IVb	II	Not Suited	III	High Leaching, High Slope	
3561	3561/2	BPL 16	4	Kempsville	IIIa	II	Not Suited	II		
	3561/15	BPL 17	17	Kempsville	IIIa	II	Not Suited	III		
3601	3601/1	BPL 08	29	Suffolk	IIIb	II	Not Suited	III		
	3601/9	BPL 09	7	Suffolk	IIIb	II	Not Suited	III		
	3601/10	BPL 10	2		V	V	Not Suited	Not Suited		
	3601/2	BPL 11	57	Suffolk	IIIb	II	Not Suited	III		
	3601/3	BPL 12	47	Suffolk	IIIb	II	Not Suited	III		
3632	3632/2	BPL 01*	41	Rumford	IVb	II	Not Suited	III	High Leaching, High Slope	
	3632/3	BPL 02*	10	Rumford	IVa	II	Not Suited	III	High Leaching, High Slope	
	3632/04	BPL 03*	13	Rumford	IVb	II	Not Suited	III	High Leaching, High Slope	
	3632/5	BPL 04*	35	Suffolk	IVa	II	Not Suited	III	High Leaching, High Slope	
	3632/06	FPL 05*	71	Rumford	IVb	II	Not Suited	III	High Leaching	

* Do not apply manure or biosolids more than 30 days prior to planting. Apply commercial fertilizer nitrogen to row crops in split spring applications.

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	100-130	50-60	40-48	NA	<3.0
V	<100	<50	<40	NA	NA

Farm Summary Report

Plan: New Plan Fall, 2019 - Winter, 2024

Farm Name: Broaddus Properties

Location: Caroline

Specialist: Susan Trumbo

N-based Acres: 1030.4

P-based Acres: 0.0

Tract Name: 253

FSA Number: 253

Location: Caroline

Field Name: BPL 19

Total Acres: 7.10 Usable Acres: 7.10

FSA Number: 2

Tract: 253

Location: Caroline

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
85	21C	Kempsville Slagle
15	11B	Emporia Kempsville

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	145.1 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	40.0 bushel(s)	Soybeans (FS) - No Till

Field Name: BPL 20

Total Acres: 51.30 Usable Acres: 51.30

FSA Number: 1

Tract: 253

Location: Caroline

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
5	10E	Emporia Kempsville Remlik
75	11B	Emporia Kempsville
20	21C	Kempsville Slagle

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till

2020-Sp 140.8 bushel(s) Corn (grain) - No Till
2020-Fa 0.0 Wheat (cover) - No Till
2021-Sp 39.9 bushel(s) Soybeans (FS) - No Till

Tract Name: 2450
FSA Number: 2450
Location: Caroline

Field Name: BPL 21
Total Acres: 54.60 **Usable Acres:** 54.60
FSA Number: 10
Tract: 2450
Location: Caroline
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
45	21C	Kempsville Slagle
50	11B	Emporia Kempsville
5	11C	Emporia Kempsville

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	142.7 bushel(s)	Corn (grain) - No Till

2020-Fa 0.0 Wheat (cover) - No Till
2021-Sp 40.0 bushel(s) Soybeans (FS) - No Till

Field Name: BPL 22
Total Acres: 63.50 Usable Acres: 63.50
FSA Number: 2
Tract: 2450
Location: Caroline
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
5	3A	Bama
10	11A	Emporia Kempsville
55	11B	Emporia Kempsville
30	21C	Kempsville Slagle

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	141.8 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	40.0 bushel(s)	Soybeans (FS) - No Till

Tract Name: 2451

FSA Number: 2451

Location: Caroline

Field Name: BPL 25

Total Acres: 42.50 Usable Acres: 42.50

FSA Number: 1

Tract: 2451

Location: Caroline

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
5	10E	Emporia Kempsville Remlik
10	11A	Emporia Kempsville
55	11B	Emporia Kempsville
30	21C	Kempsville Slagle

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	141.4 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	39.9 bushel(s)	Soybeans (FS) - No Till

Field Name: BPL 26

Total Acres: 13.20 Usable Acres: 13.20
FSA Number: 38
Tract: 2451
Location: Caroline
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
10	10E	Emporia Kempsville Remlik
50	11A	Emporia Kempsville
40	11B	Emporia Kempsville

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	139.2 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	39.7 bushel(s)	Soybeans (FS) - No Till

Tract Name: 2452
FSA Number: 2452
Location: Caroline

Field Name: BPL 23
Total Acres: 35.40 Usable Acres: 35.40

FSA Number: 6
Tract: 2452
Location: Caroline
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
60	11B	Emporia Kempsville
40	11C	Emporia Kempsville

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	140.0 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	40.0 bushel(s)	Soybeans (FS) - No Till

Tract Name: 2453
FSA Number: 2453
Location: Caroline

Field Name: BPL 24
Total Acres: 48.50 Usable Acres: 48.50
FSA Number: 1
Tract: 2453

Location: Caroline
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
10	10E	Emporia Kempsville Remlik
75	11B	Emporia Kempsville
10	11C	Emporia Kempsville
5	21C	Kempsville Slagle

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	139.5 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	39.7 bushel(s)	Soybeans (FS) - No Till

Tract Name: 2454
FSA Number: 2454
Location: Caroline

Field Name: BPL 27
Total Acres: 4.80 **Usable Acres:** 4.80
FSA Number: 2
Tract: 2454

Location: Caroline
Slope Class: B Hydrologic Group: B

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

P-Index Summary

N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
90	11B	Emporia Kempsville
10	21C	Kempsville Slagle

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	140.6 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	40.0 bushel(s)	Soybeans (FS) - No Till

Field Name: BPL 28

Total Acres: 17.80 Usable Acres: 17.80
FSA Number: 3
Tract: 2454
Location: Caroline
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
25	10E	Emporia Kempsville Remlik
5	11A	Emporia Kempsville
70	11B	Emporia Kempsville

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	138.0 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	39.3 bushel(s)	Soybeans (FS) - No Till

Field Name: BPL 29

Total Acres: 29.60 Usable Acres: 29.60

FSA Number: 4

Tract: 2454

Location: Caroline

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

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
100	24B	Suffolk

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	130.0 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	40.0 bushel(s)	Soybeans (FS) - No Till

Field Name: BPL 07

Total Acres: 53.00 Usable Acres: 53.00

FSA Number: 1

Tract: 2619

Location: Caroline

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
20	21C	Kempsville Slagle
80	24B	Suffolk

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	133.2 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	40.0 bushel(s)	Soybeans (FS) - No Till

Tract Name: 2754

FSA Number: 2754

Location: Caroline

Field Name: BPL 13

Total Acres: 14.20 Usable Acres: 14.20

FSA Number: 1

Tract: 2754

Location: Caroline

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
50	24B	Suffolk
50	11B	Emporia Kempsville

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	135.0 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	40.0 bushel(s)	Soybeans (FS) - No Till

Tract Name: 3094

FSA Number: 3094

Location: Caroline

Field Name: BPL 32

Total Acres: 14.30 Usable Acres: 14.30

FSA Number: 7

Tract: 3094

Location: Caroline

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
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70	11B	Emporia Kempsville
25	21C	Kempsville Slagle
5	10E	Emporia Kempsville Remlik

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	141.1 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	39.9 bushel(s)	Soybeans (FS) - No Till

Field Name: BPL 33
Total Acres: 17.60 **Usable Acres:** 17.60
FSA Number: 1
Tract: 3094
Location: Caroline
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
5	10E	Emporia Kempsville Remlik
50	11B	Emporia Kempsville
45	21C	Kempsville Slagle

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	142.3 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	39.9 bushel(s)	Soybeans (FS) - No Till

Field Name: BPL 34

Total Acres: 4.40 Usable Acres: 4.40
FSA Number: 5
Tract: 3094
Location: Caroline
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
40	3B	Bama
60	11B	Emporia Kempsville

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	140.0 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till

2021-Sp 40.0 bushel(s) Soybeans (FS) - No Till

Field Name: BPL 35

Total Acres: 7.00 Usable Acres: 7.00

FSA Number: 6

Tract: 3094

Location: Caroline

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
20	3B	Bama
20	10E	Emporia Kempsville Remlik
60	11B	Emporia Kempsville

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	138.4 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	39.4 bushel(s)	Soybeans (FS) - No Till

Field Name: BPL 36

Total Acres: 15.30 Usable Acres: 15.30

FSA Number: 2

Tract: 3094
Location: Caroline
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
60	3B	Bama
5	10E	Emporia Kempsville Remlik
35	21C	Kempsville Slagle

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	141.7 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	39.9 bushel(s)	Soybeans (FS) - No Till

Field Name: BPL 37

Total Acres: 15.90 Usable Acres: 15.90
FSA Number: 4
Tract: 3094
Location: Caroline
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
15	10E	Emporia Kempsville Remlik
85	11B	Emporia Kempsville

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	138.8 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	39.6 bushel(s)	Soybeans (FS) - No Till

Tract Name: 3244

FSA Number: 3561

Location: Caroline

Field Name: BPL 14

Total Acres: 6.40 Usable Acres: 6.40

FSA Number: 1

Tract: 3244

Location: Caroline

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	11B	Emporia Kempsville
35	21C	Kempsville Slagle

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	142.1 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	40.0 bushel(s)	Soybeans (FS) - No Till

Field Name: BPL 15

Total Acres: 4.00 Usable Acres: 4.00

FSA Number: 3

Tract: 3244

Location: Caroline

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:

5	10E	Emporia Kempsville Remlik
80	11B	Emporia Kempsville
15	21C	Kempsville Slagle

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	140.5 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	39.9 bushel(s)	Soybeans (FS) - No Till

Tract Name: 3340
FSA Number: 3340
Location: Caroline

Field Name: BPL 30
Total Acres: 109.90 **Usable Acres:** 109.90
FSA Number: 1
Tract: 3340
Location: Caroline
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
5	10E	Emporia Kempsville Remlik

35	11B	Emporia Kempsville
5	11C	Emporia Kempsville
45	20B	Rumford
5	20C	Rumford
5	22B	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
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	120.1 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	32.4 bushel(s)	Soybeans (FS) - No Till

Field Name: BPL 31

Total Acres: 22.30 Usable Acres: 22.30

FSA Number: 2

Tract: 3340

Location: Caroline

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
15	10E	Emporia Kempsville Remlik
75	20B	Rumford
5	20C	Rumford
5	21C	Kempsville 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
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	107.1 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	27.6 bushel(s)	Soybeans (FS) - No Till

Tract Name: 3561
FSA Number: 3561
Location: Caroline

Field Name: BPL 16
Total Acres: 3.70 **Usable Acres:** 3.70
FSA Number: 2
Tract: 3561
Location: Caroline
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
80	11B	Emporia Kempsville
20	21C	Kempsville Slagle

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	141.2 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	40.0 bushel(s)	Soybeans (FS) - No Till

Field Name: BPL 17

Total Acres: 16.70 Usable Acres: 16.70

FSA Number: 15

Tract: 3561

Location: Caroline

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
95	11B	Emporia Kempsville
5	21C	Kempsville Slagle

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	140.3 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	40.0 bushel(s)	Soybeans (FS) - No Till

Tract Name: 3601

FSA Number: 3601

Location: Caroline

Field Name: BPL 08

Total Acres: 28.90 Usable Acres: 28.90

FSA Number: 1

Tract: 3601

Location: Caroline

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
90	24B	Suffolk
10	11C	Emporia Kempsville

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	131.0 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	40.0 bushel(s)	Soybeans (FS) - No Till

Field Name: BPL 09
Total Acres: 7.20 **Usable Acres:** 7.20
FSA Number: 9
Tract: 3601
Location: Caroline
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
10	11C	Emporia Kempsville
90	24B	Suffolk

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	131.0 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	40.0 bushel(s)	Soybeans (FS) - No Till

Field Name: BPL 10

Total Acres: 2.40 Usable Acres: 2.40
FSA Number: 10
Tract: 3601
Location: Caroline
Slope Class: A 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
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Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	0.0 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	0.0 bushel(s)	Soybeans (FS) - No Till

Field Name: BPL 11

Total Acres: 57.30 Usable Acres: 57.30
FSA Number: 2
Tract: 3601
Location: Caroline
Slope Class: B Hydrologic Group: B

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

P-Index Summary

N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
90	24B	Suffolk
10	21C	Kempsville Slagle

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	131.6 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	40.0 bushel(s)	Soybeans (FS) - No Till

Field Name: BPL 12

Total Acres: 46.60 Usable Acres: 46.60
FSA Number: 3
Tract: 3601
Location: Caroline
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
5	16C	Remlik
95	24B	Suffolk

Field Warnings:

Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	128.5 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	39.3 bushel(s)	Soybeans (FS) - No Till

Tract Name: 3632

FSA Number: 3632

Location: Caroline

Field Name: BPL 01

Total Acres: 41.30 Usable Acres: 41.30

FSA Number: 2

Tract: 3632

Location: Caroline

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
5	10E	Emporia Kempsville Remlik
90	20B	Rumford
5	21C	Kempsville 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
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	103.9 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	26.4 bushel(s)	Soybeans (FS) - No Till

Field Name: BPL 02

Total Acres: 10.10 Usable Acres: 10.10

FSA Number: 3

Tract: 3632

Location: Caroline

Slope Class: D 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
40	20B	Rumford
60	10E	Emporia Kempsville Remlik

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
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	119.2 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	32.2 bushel(s)	Soybeans (FS) - No Till

Field Name: BPL 03

Total Acres: 13.20 Usable Acres: 13.20

FSA Number: 04

Tract: 3632

Location: Caroline

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
5	10E	Emporia Kempsville Remlik
95	20B	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
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	101.6 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	25.6 bushel(s)	Soybeans (FS) - No Till

Field Name: BPL 04

Total Acres: 34.50 Usable Acres: 34.50

FSA Number: 5

Tract: 3632

Location: Caroline

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
5	10E	Emporia Kempsville Remlik
40	20B	Rumford
55	24B	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
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	118.1 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	33.9 bushel(s)	Soybeans (FS) - No Till

Field Name: FPL 05

Total Acres: 71.10 Usable Acres: 71.10

FSA Number: 06

Tract: 3632

Location: Caroline

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
5	21C	Kempsville Slagle
95	20B	Rumford

Field Warnings:

Environmentally Sensitive Soils due to:

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

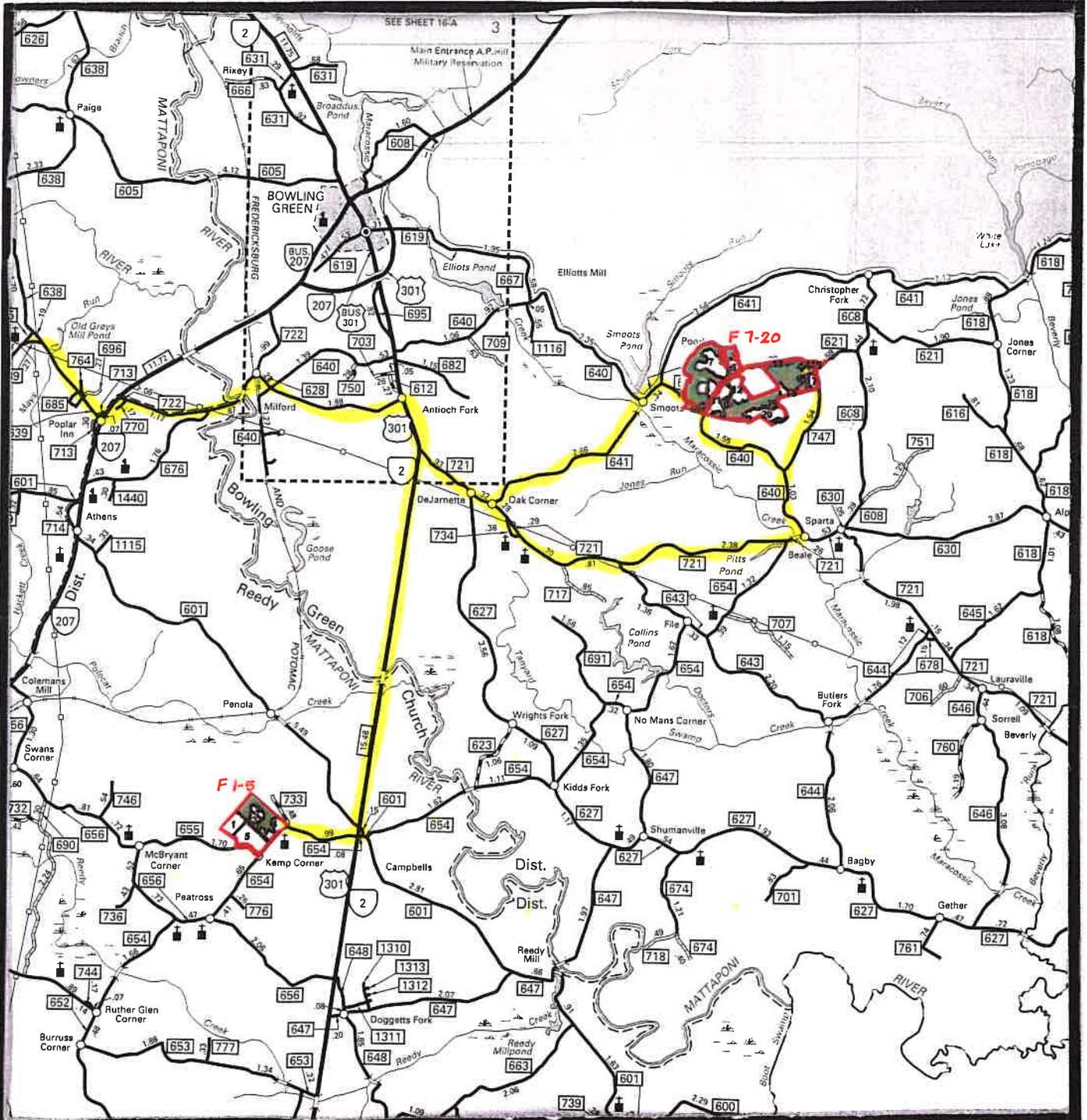
Crop Rotation:

PLANTED	YIELD	CROP NAME
2019-Fa	0.0	Wheat (cover) - No Till
2020-Sp	102.3 bushel(s)	Corn (grain) - No Till
2020-Fa	0.0	Wheat (cover) - No Till
2021-Sp	25.8 bushel(s)	Soybeans (FS) - No Till

MAPS

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1" = 2 Miles

Truck Route marked
in Yellow

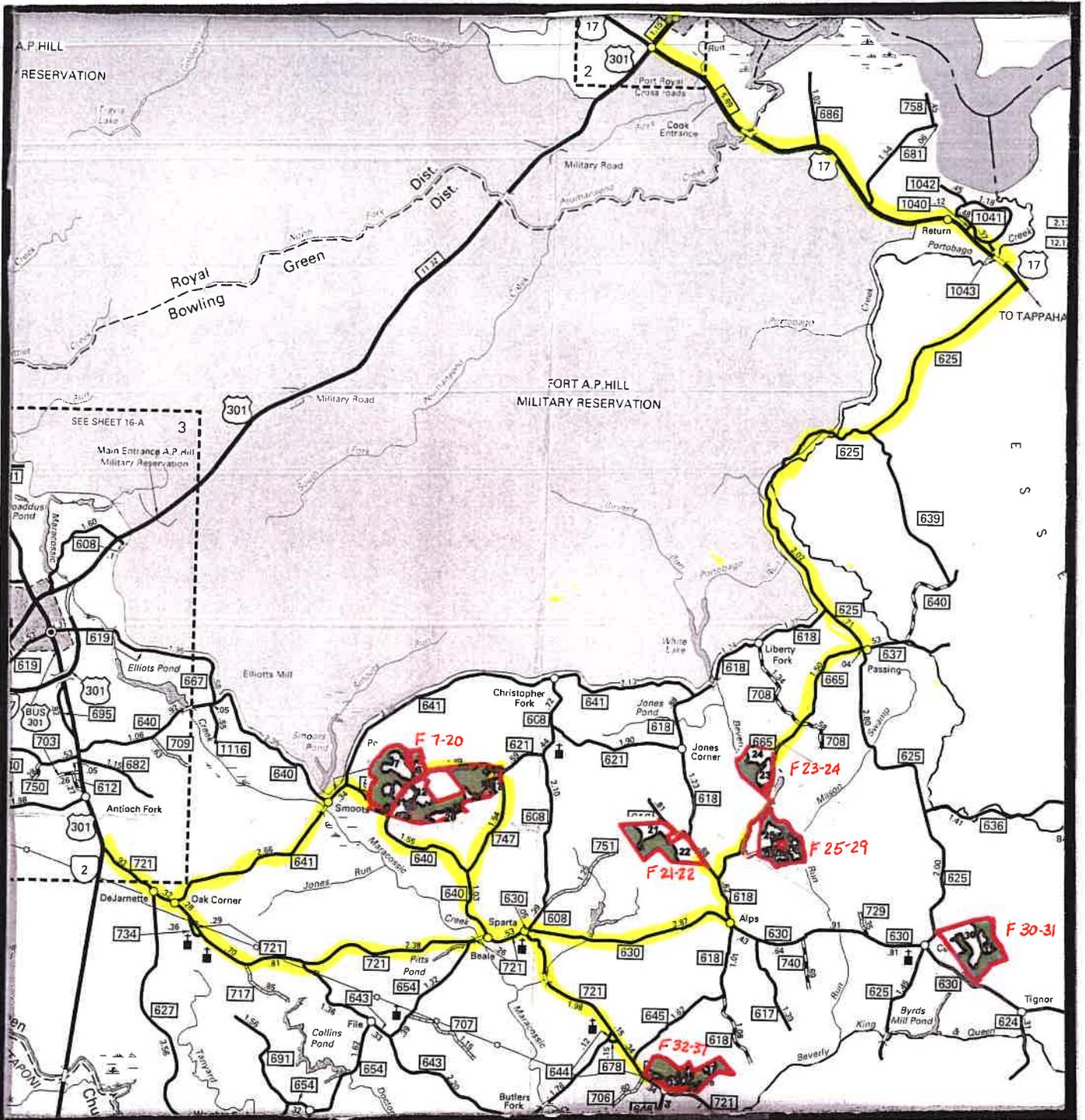
VICINITY MAP

8-28-19



Recyc SystemsTM Inc.

(Biosolids Land Application)



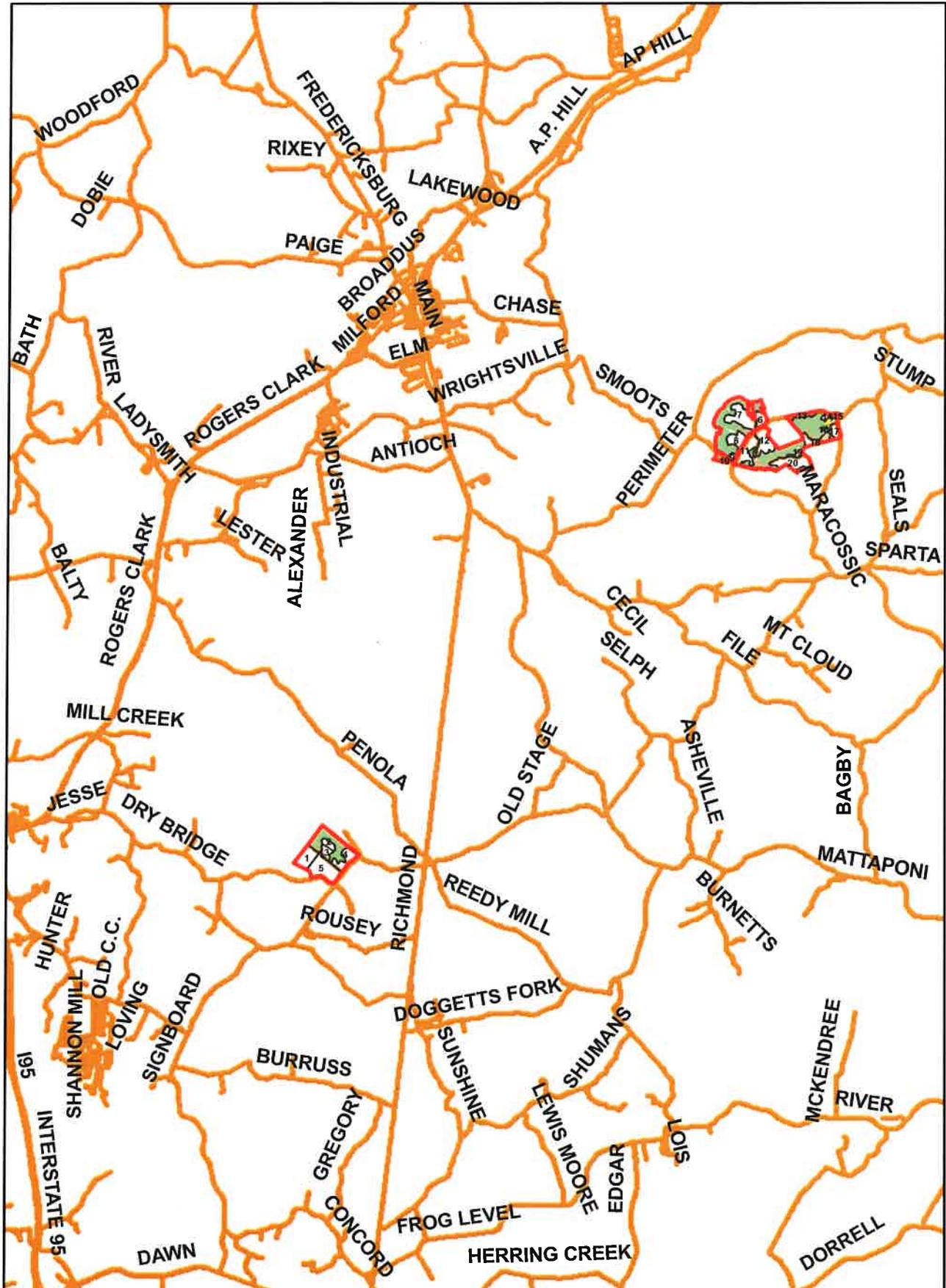
Scale: 1" = 2 Miles

Truck Route marked in Yellow

VICINITY MAP

8-28-19

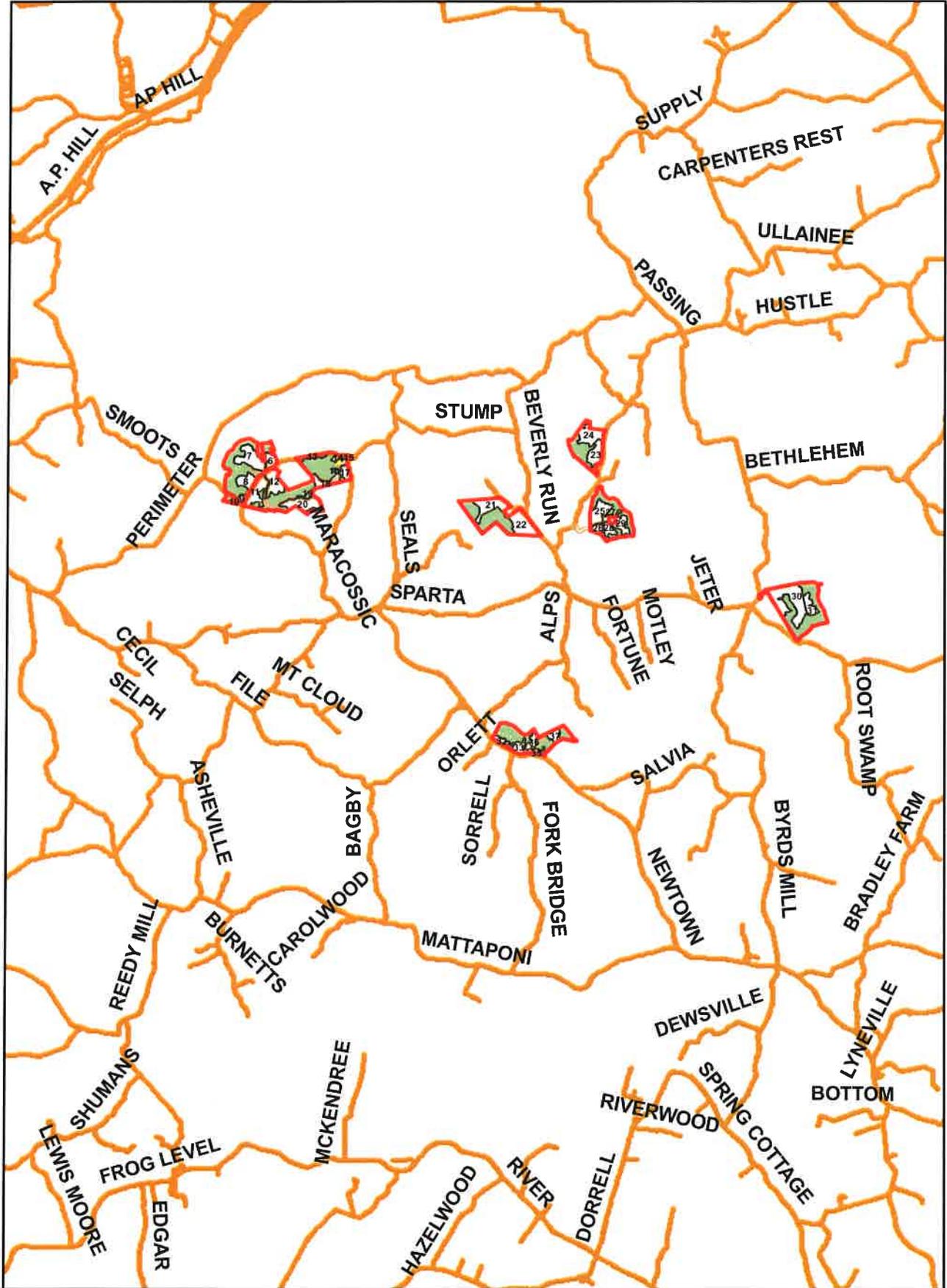




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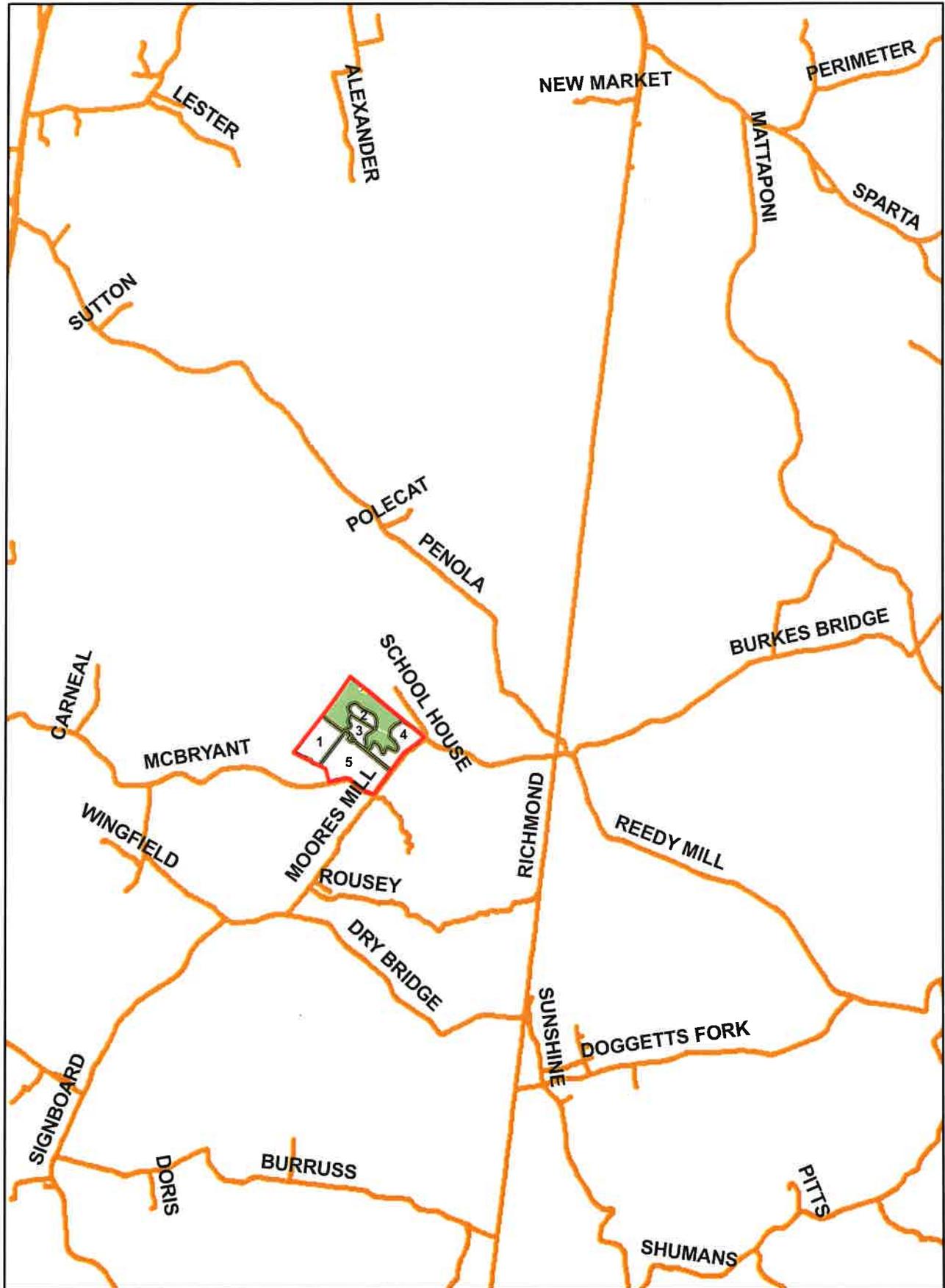
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8-28-19

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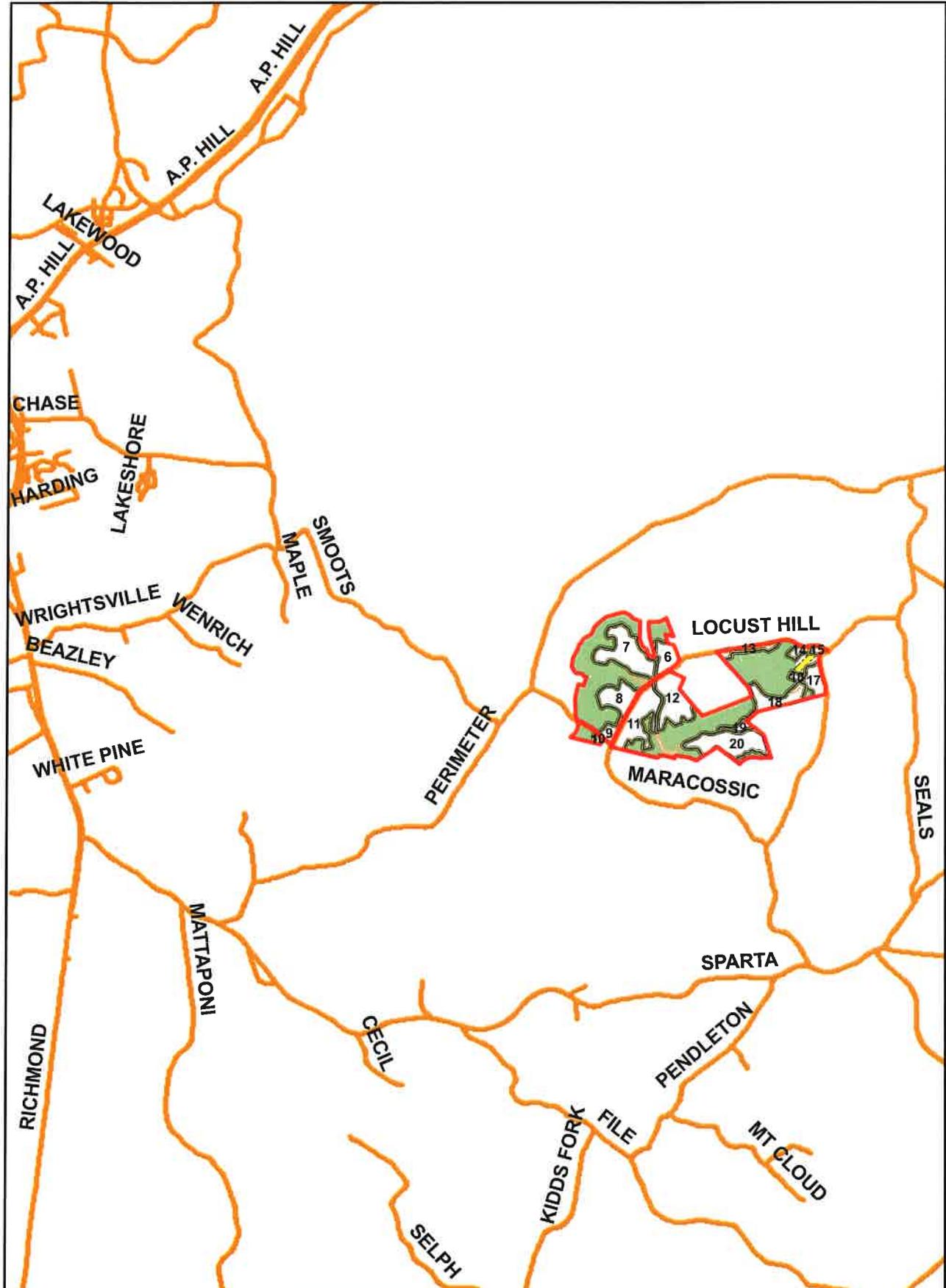
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8-28-19

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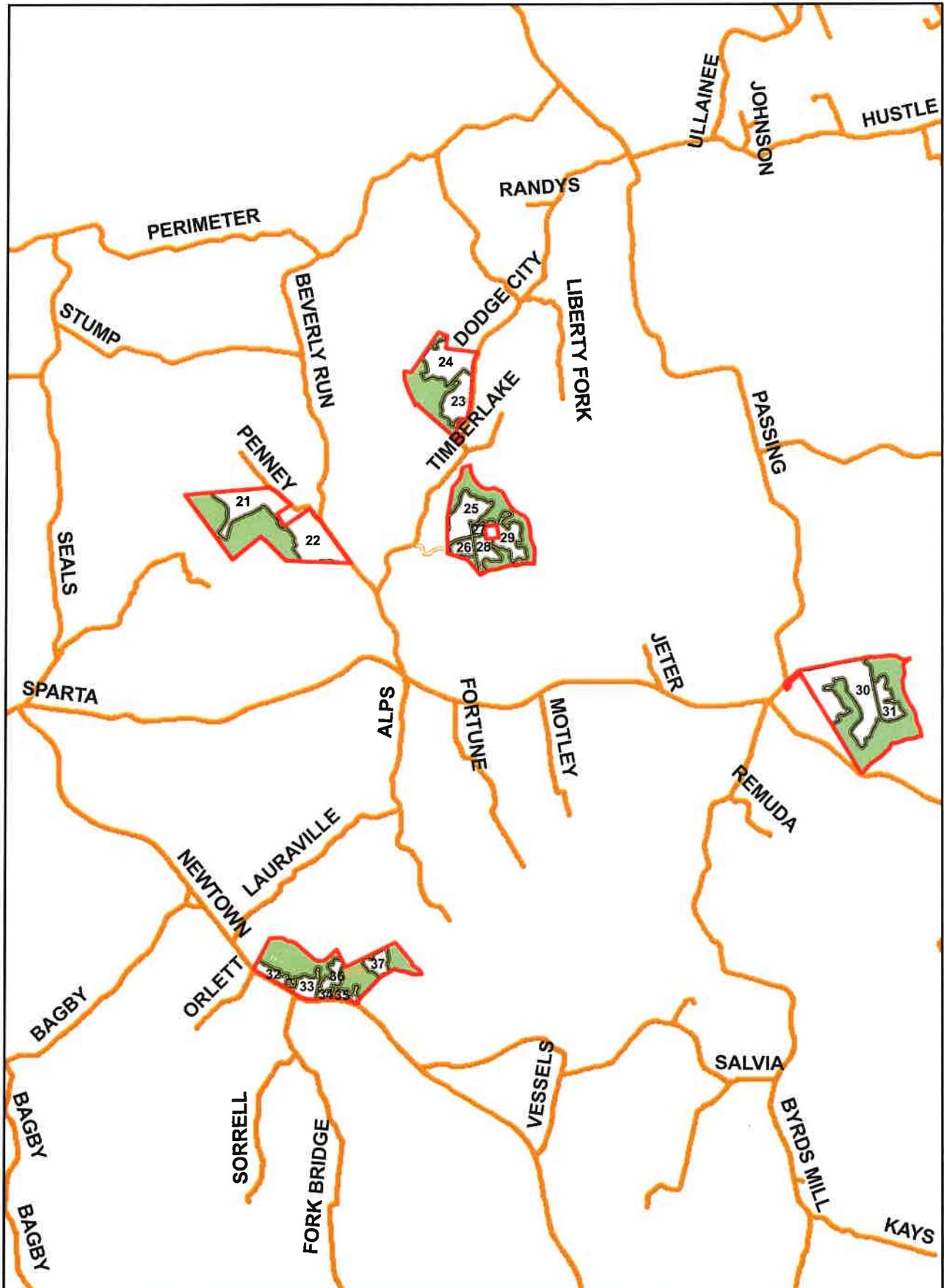
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8-28-19

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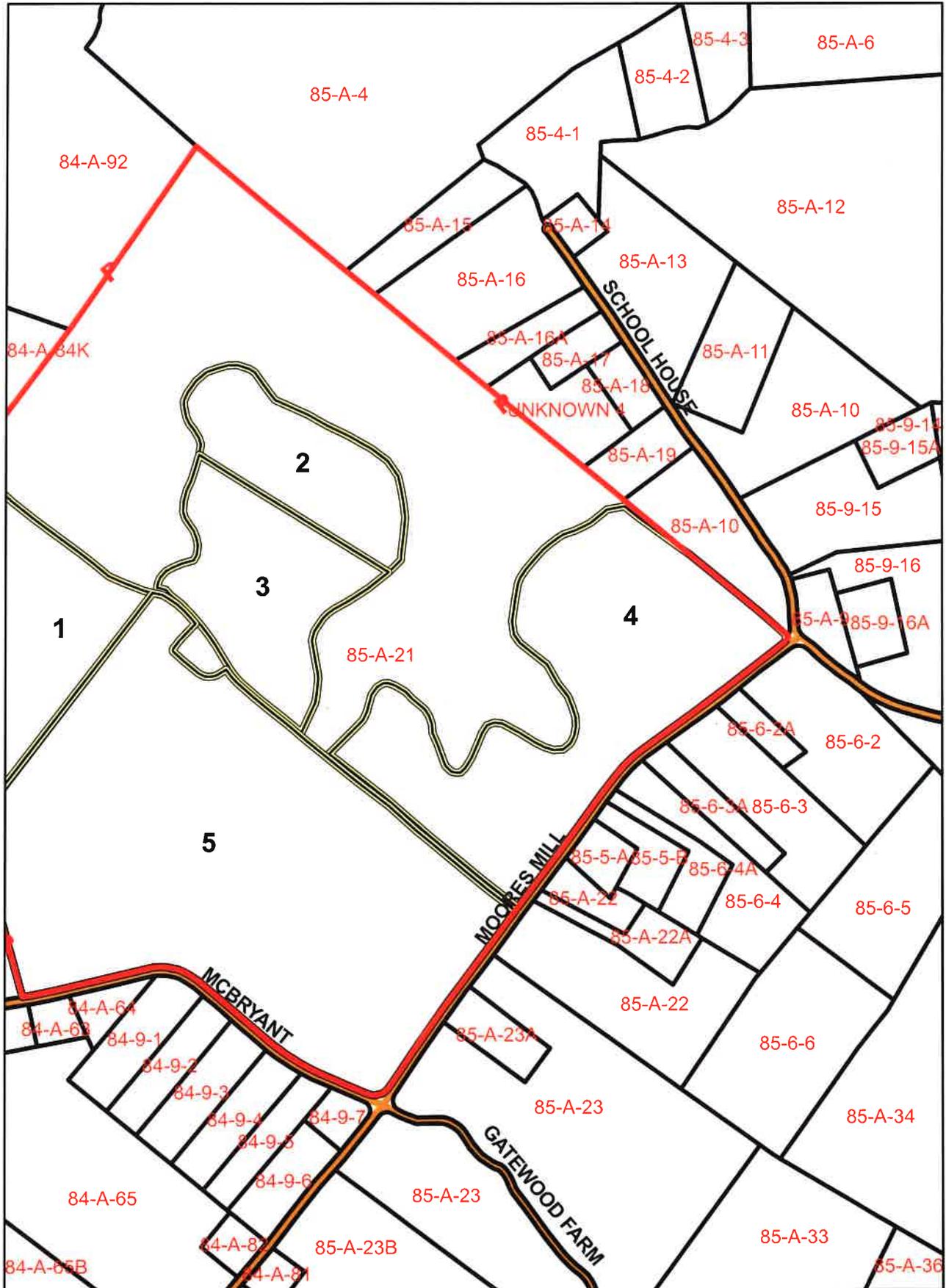
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8-28-19

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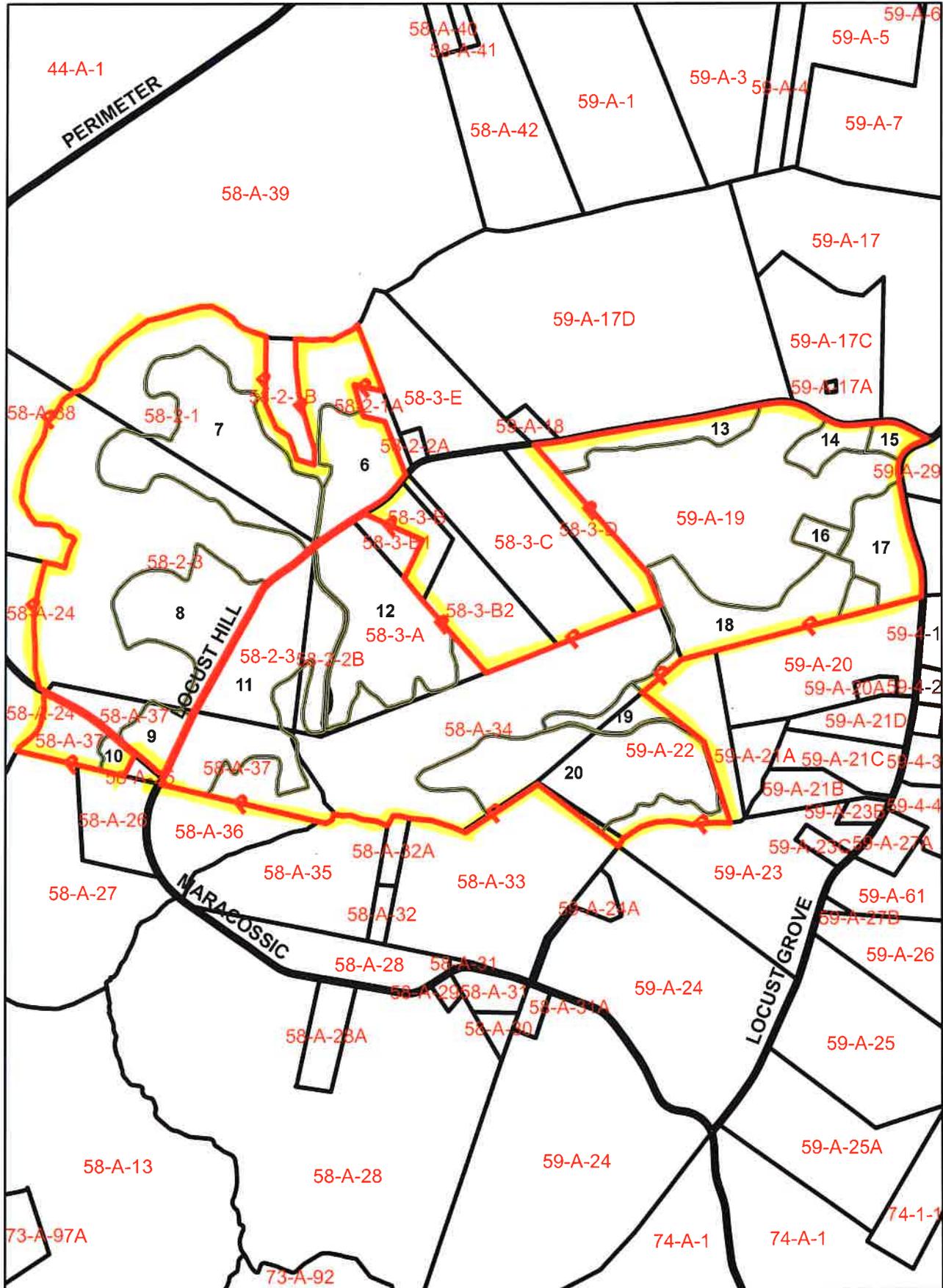
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8-28-19

TAX MAP

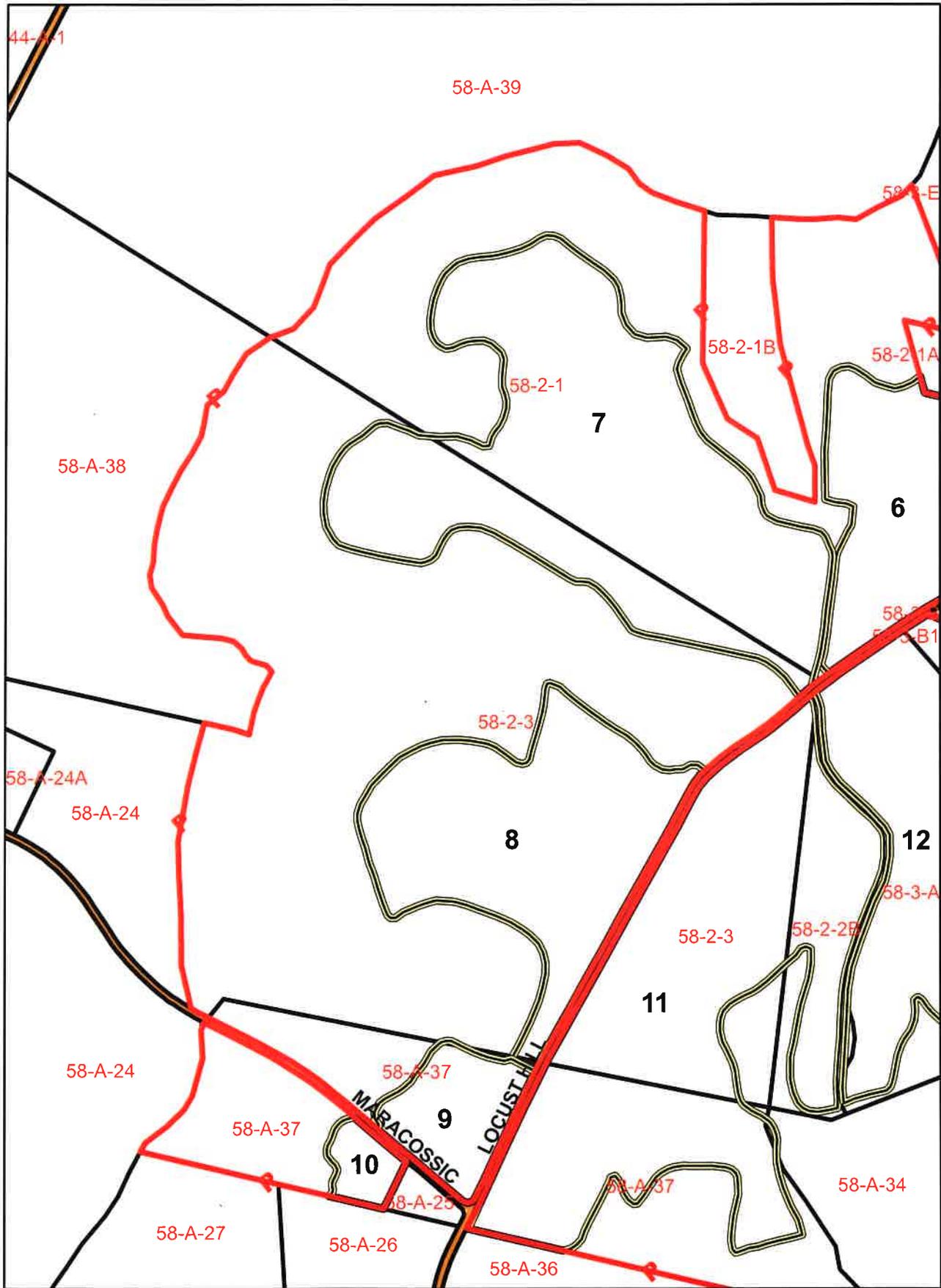
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8-28-19

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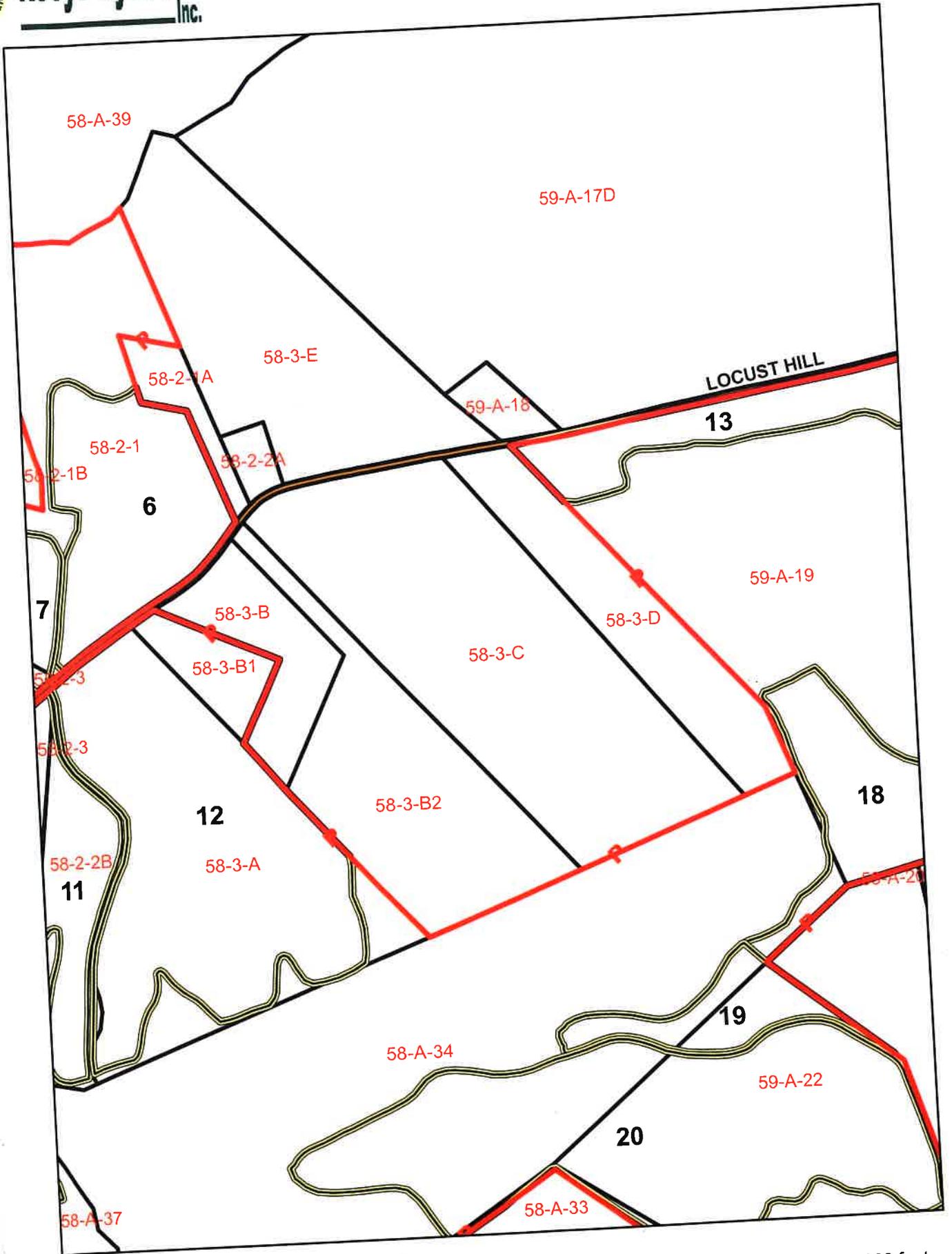
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8-28-19

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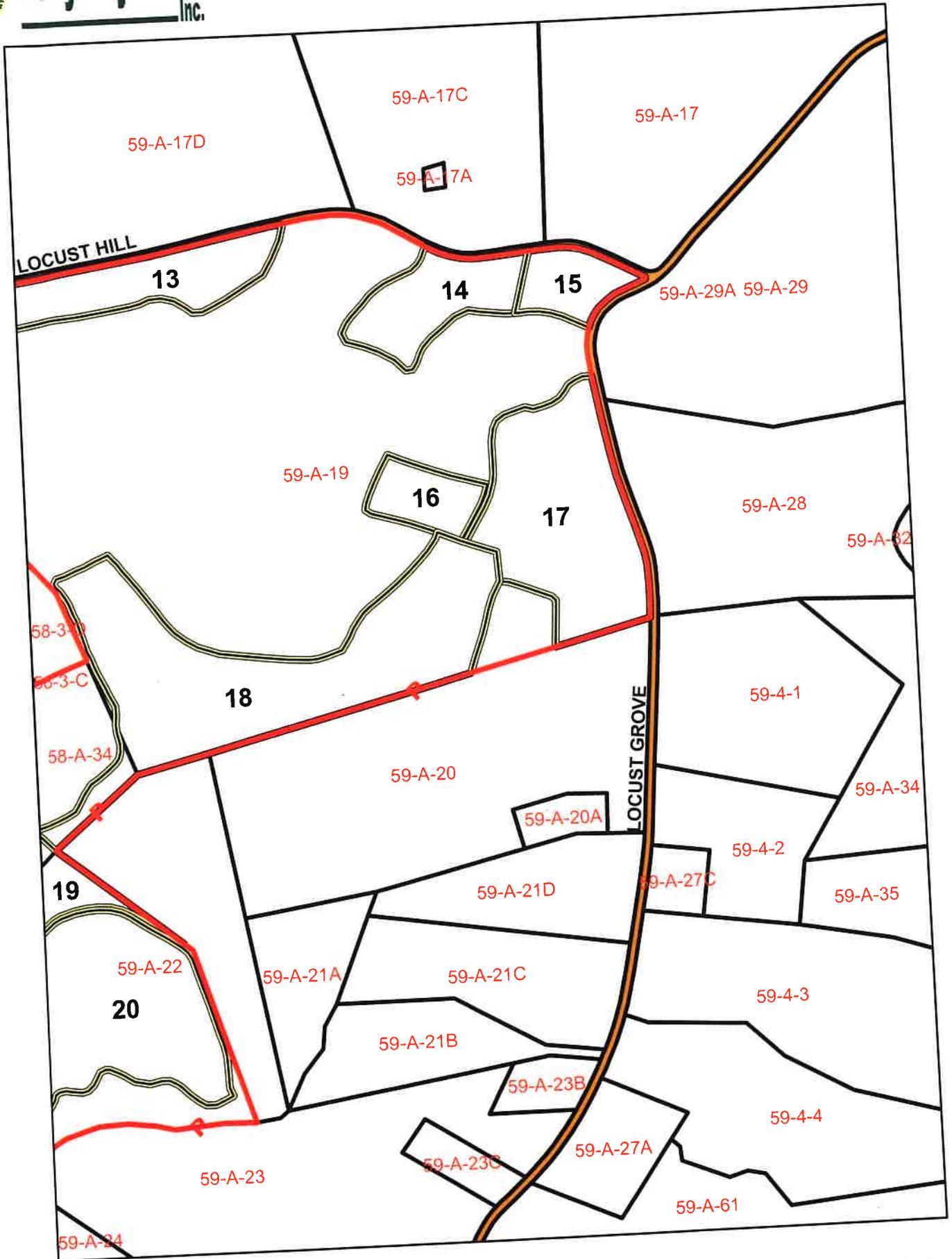
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8-28-19

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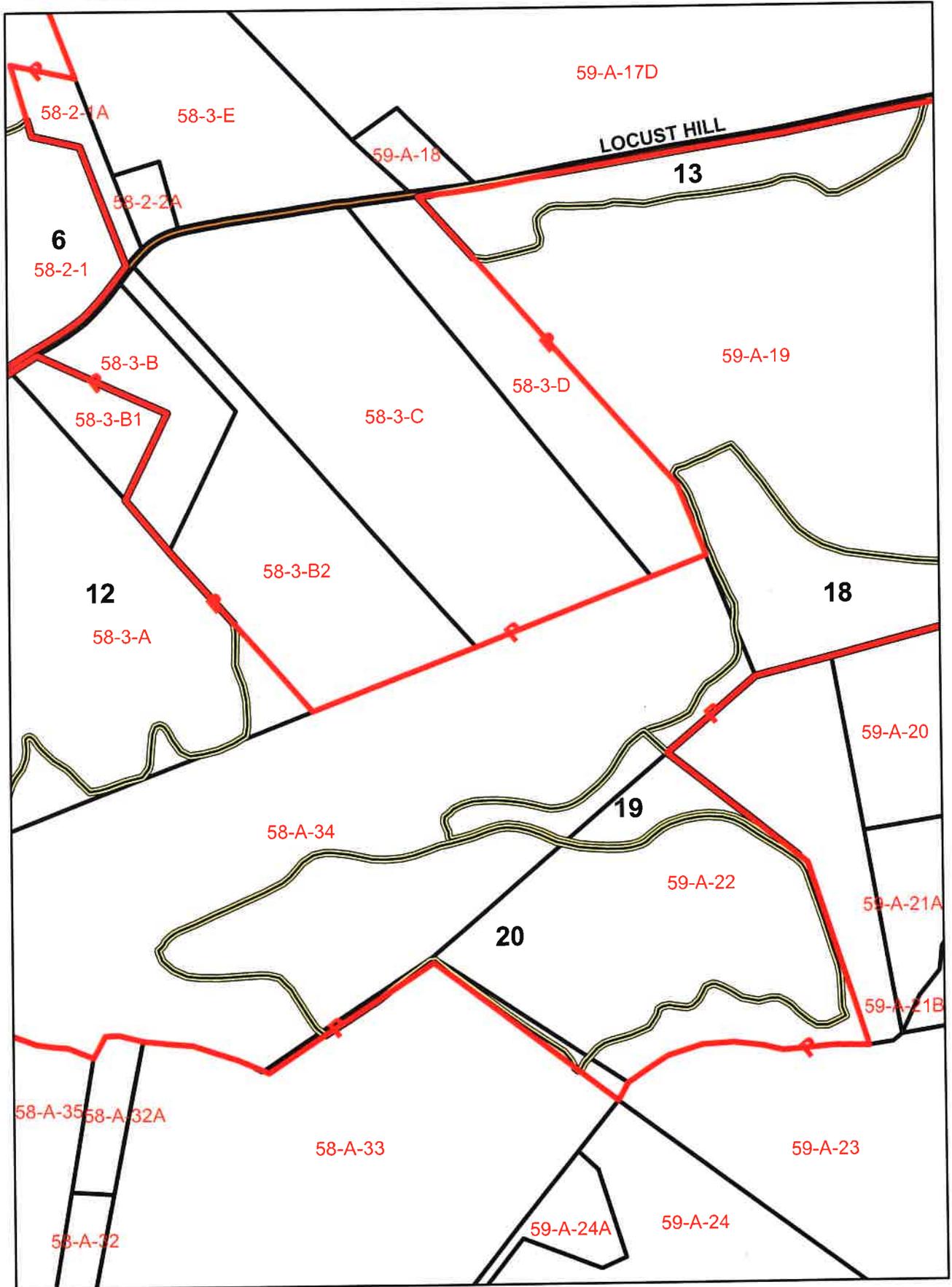
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8-28-19

TAX MAP

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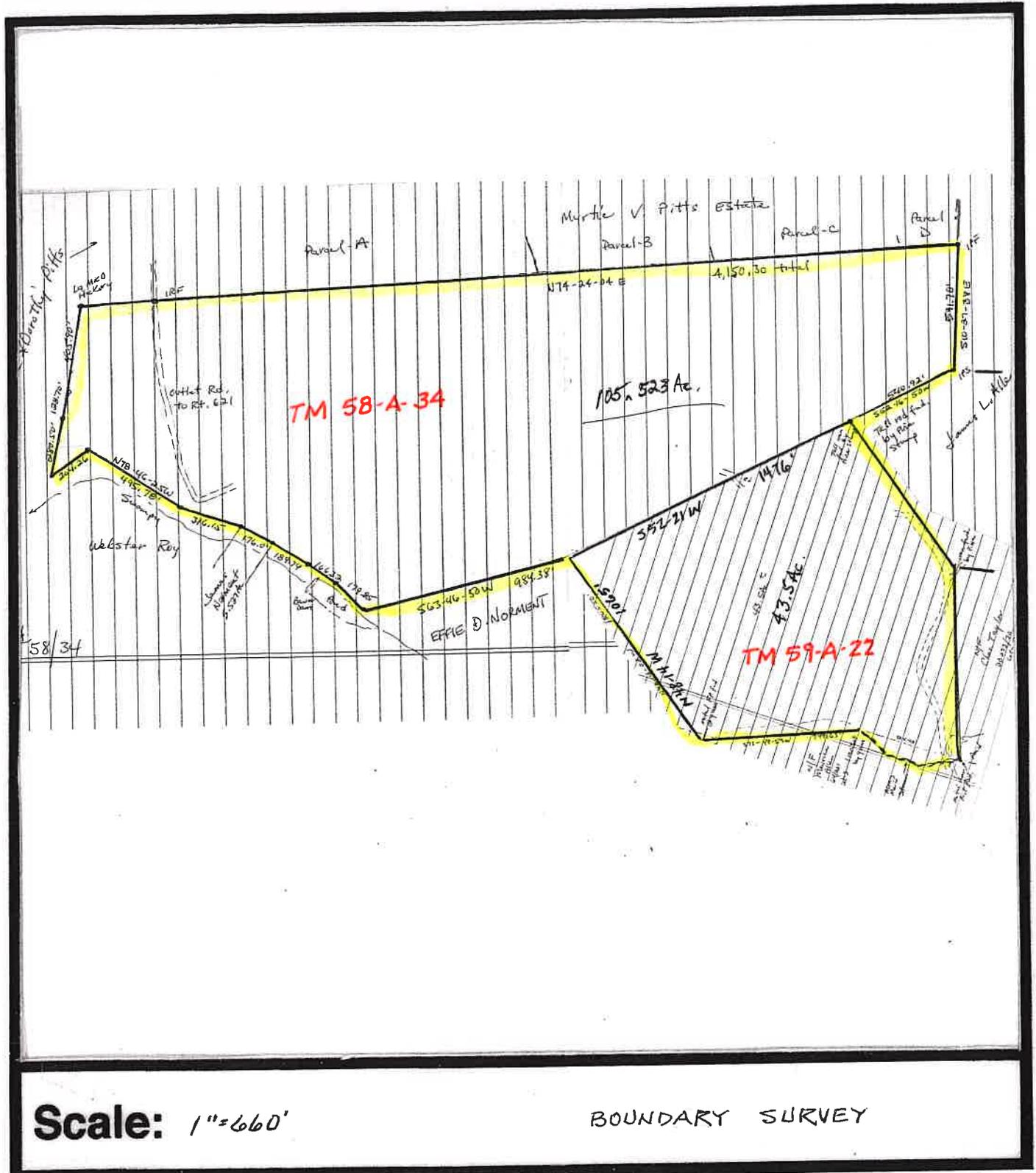
8-28-19

TAX MAP

1 in = 660 feet

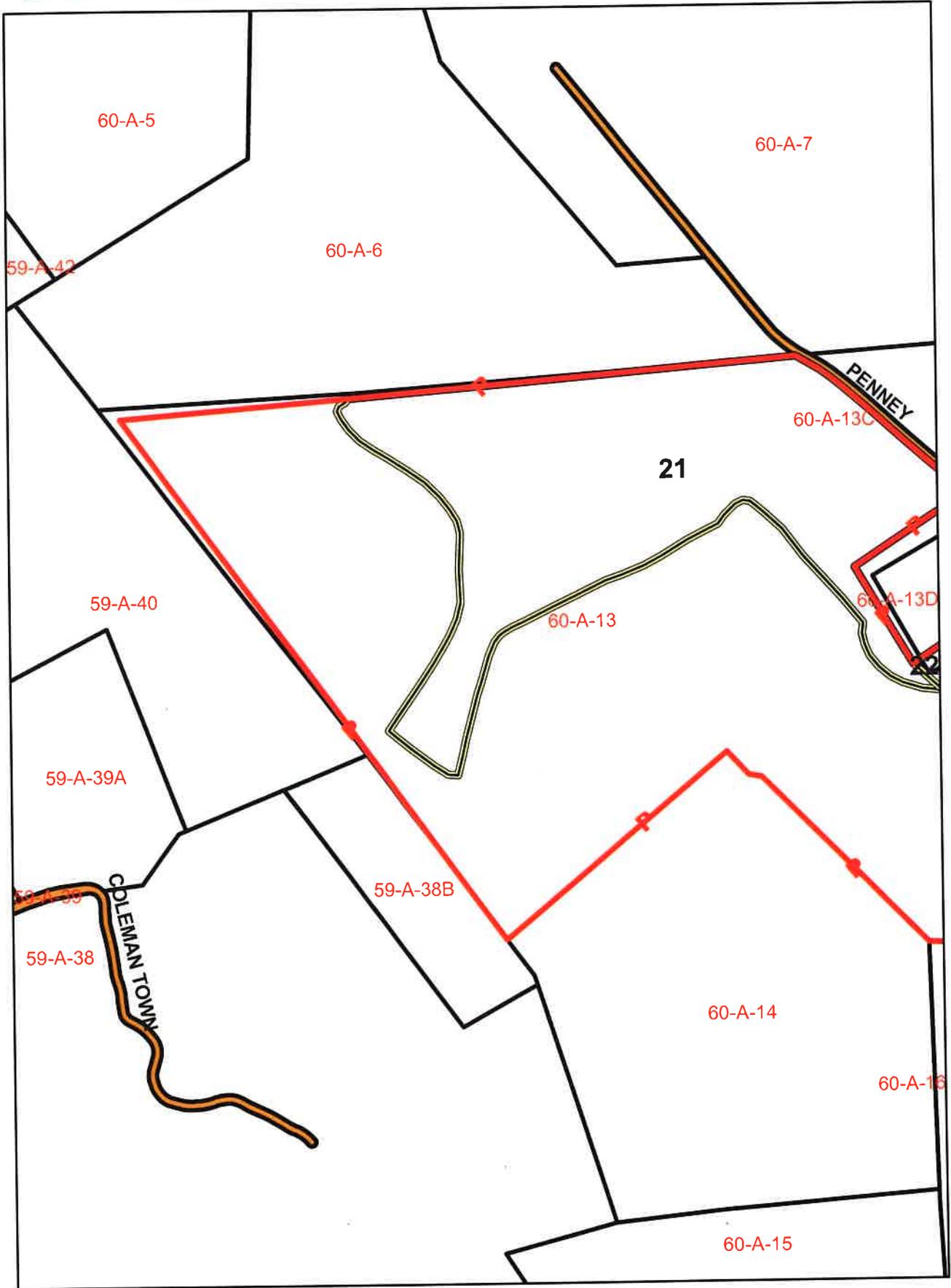
Recyc Systems™ Inc.

(Biosolids Land Application)



8-28-19

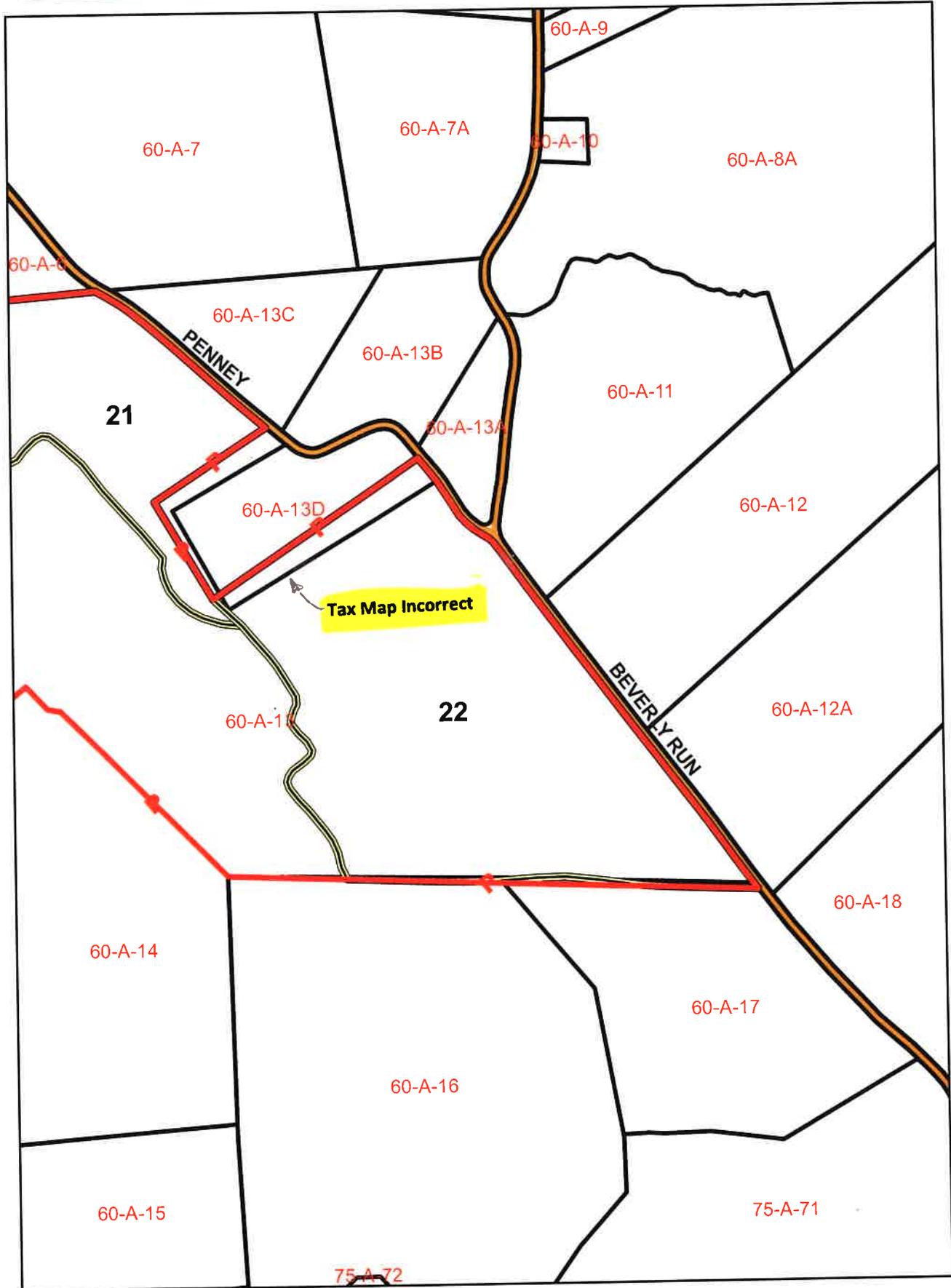




8-28-19

TAX MAP

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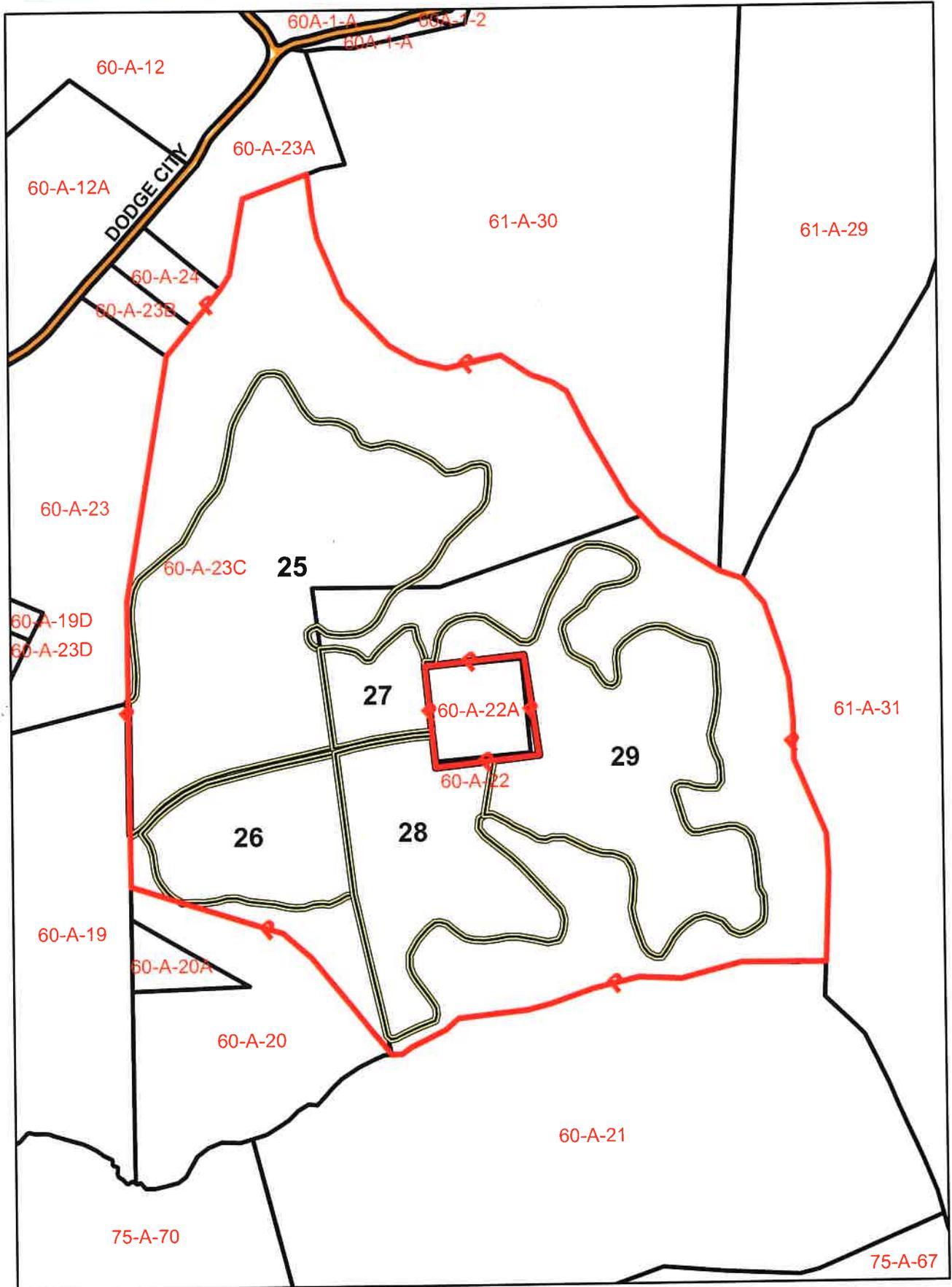
Tax Map Incorrect



8-28-19

TAX MAP

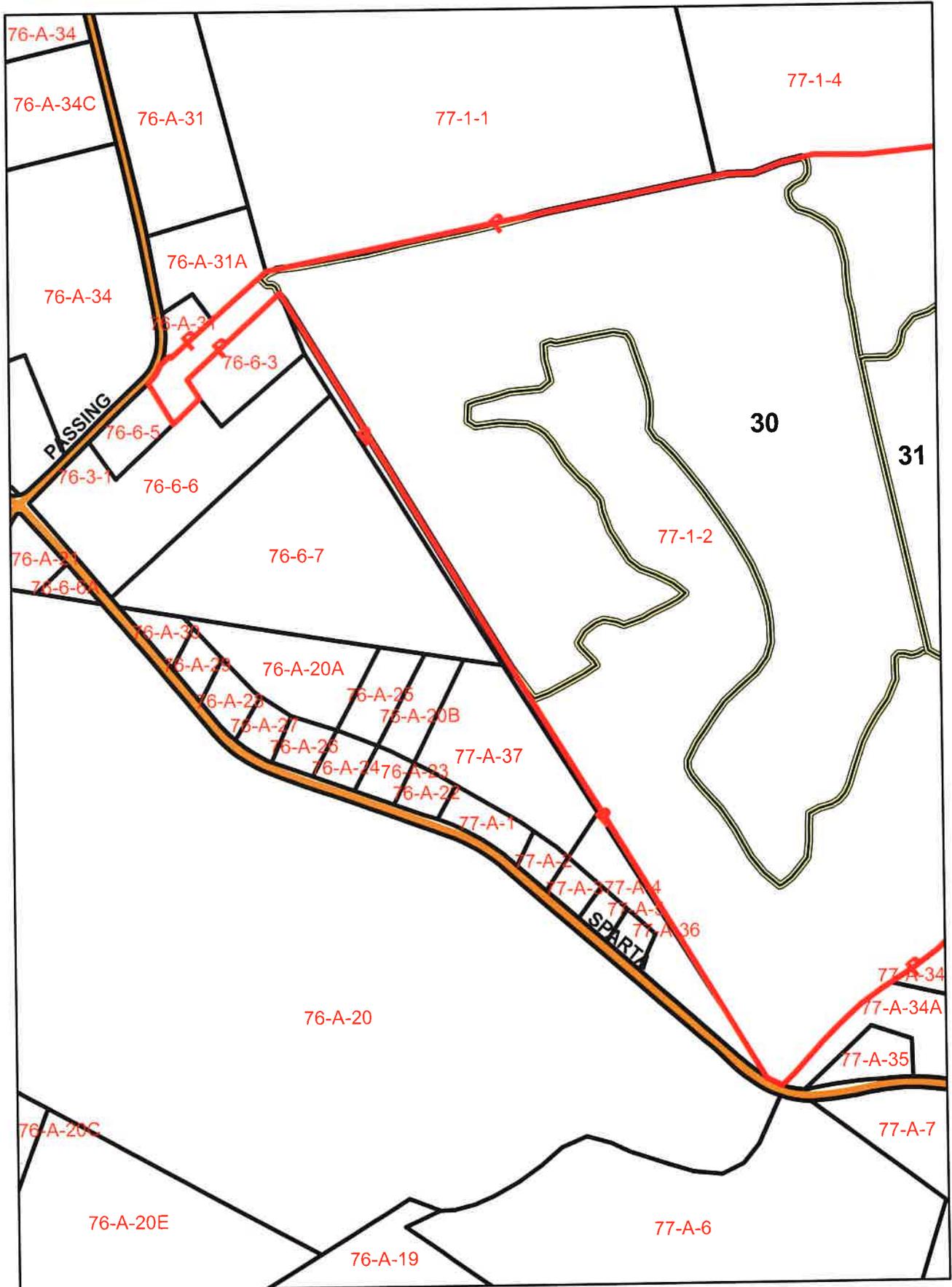
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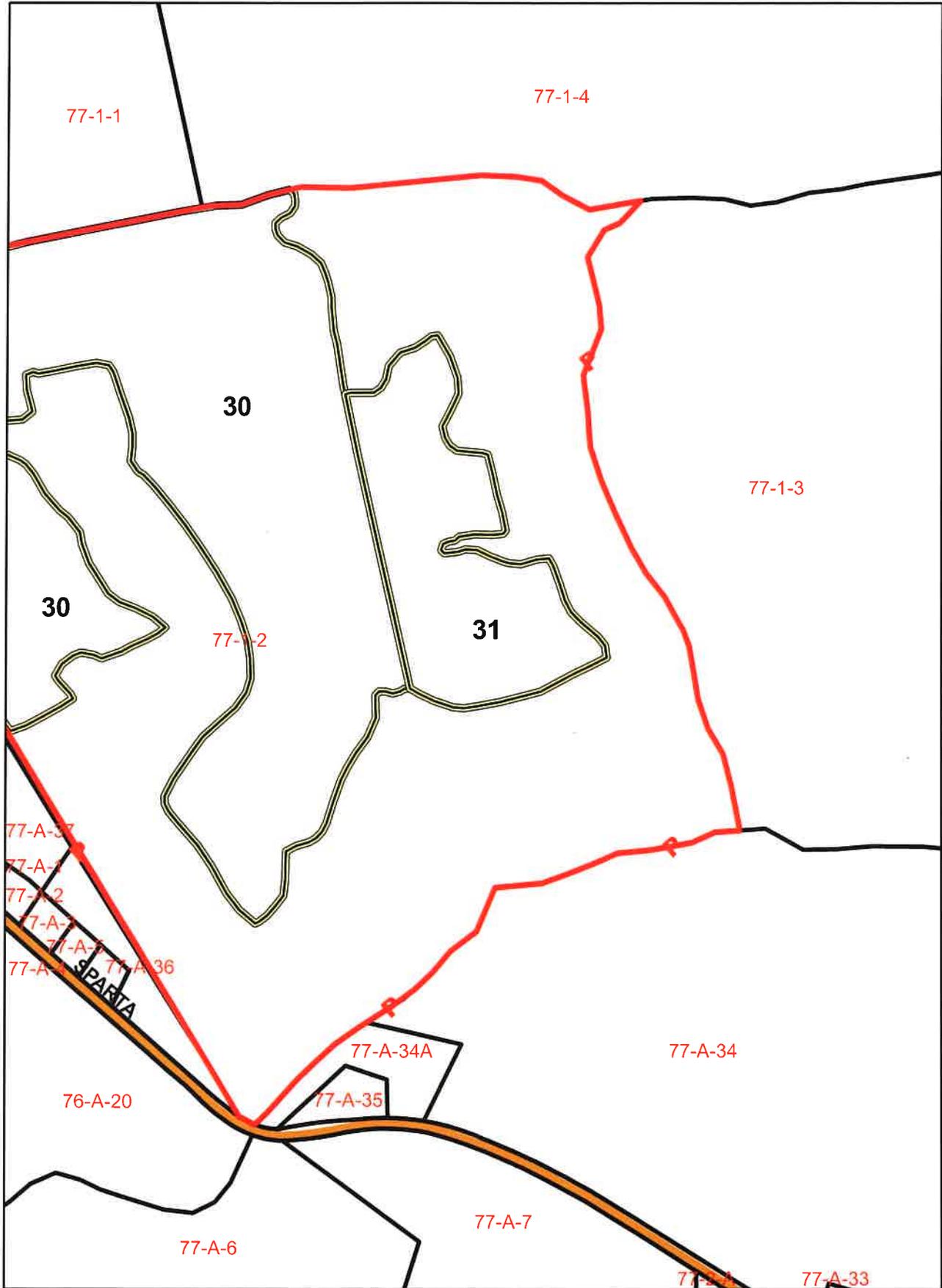


8-28-19

TAX MAP

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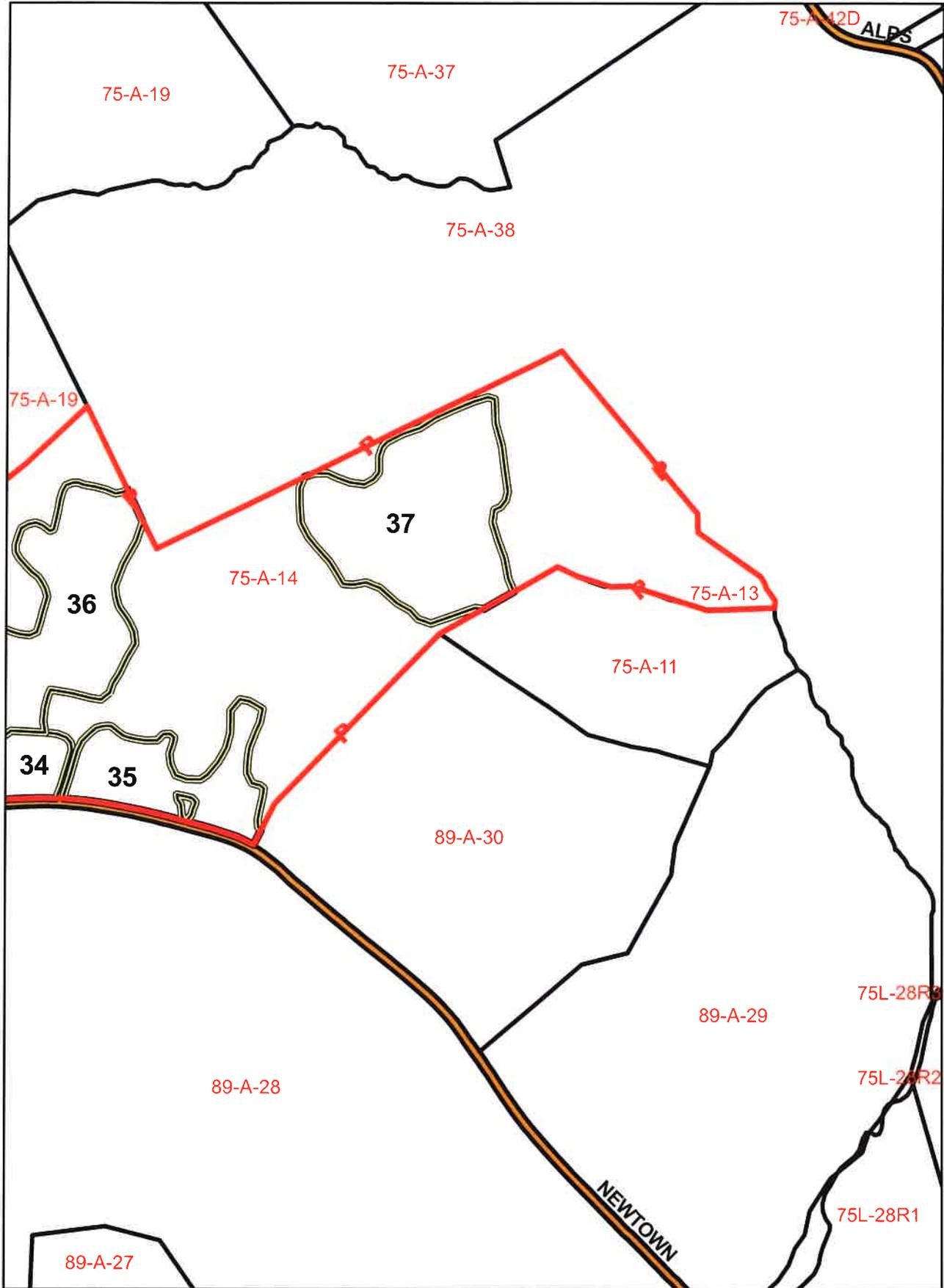




8-28-19

TAX MAP

1 in = 660 feet



ADJOINING LANDOWNERS

Broadus Properties

CAROLINE COUNTY

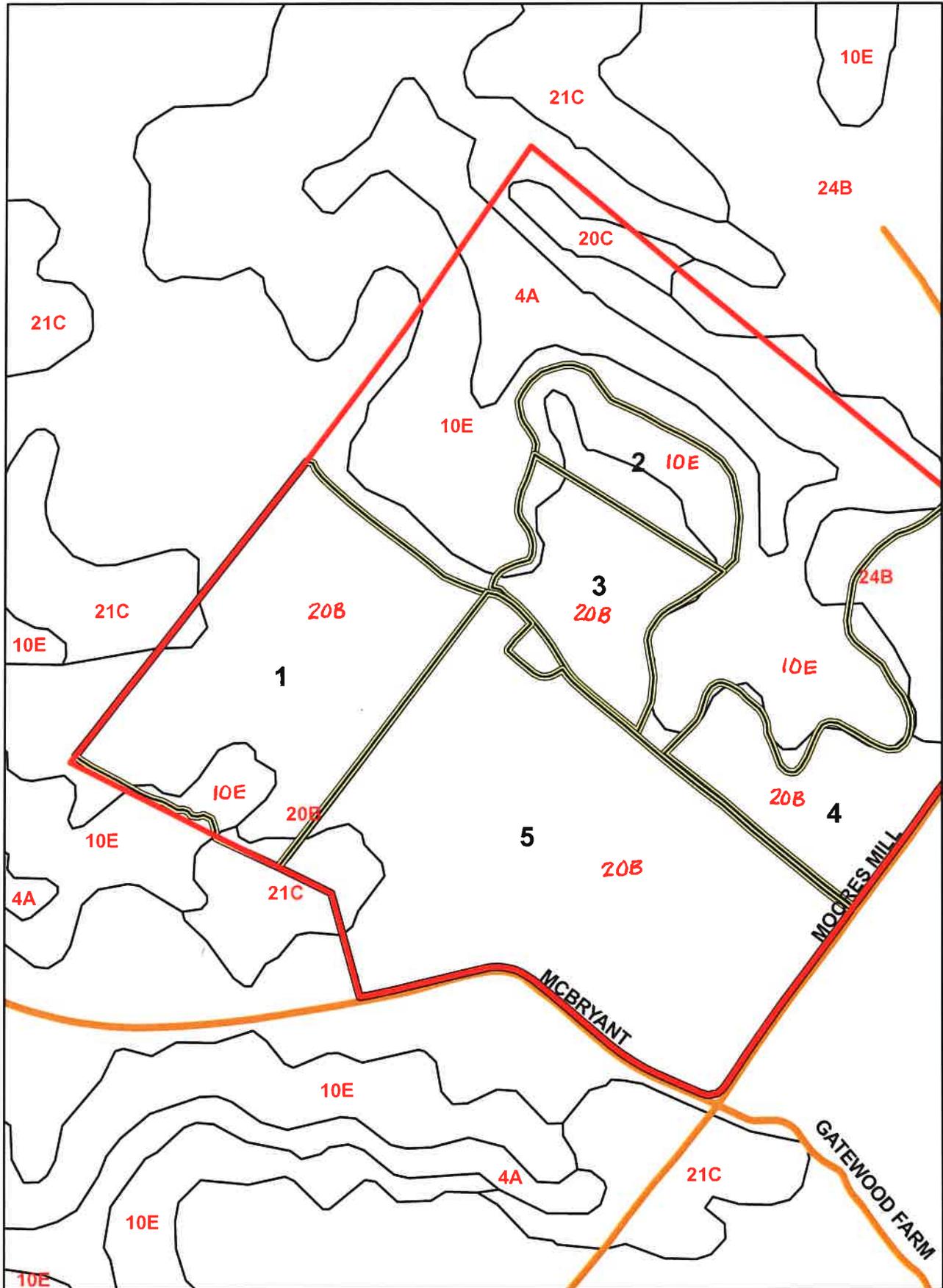
Tax Map Parcel #	Owner Name(s)
85-6-2	Timothy & Patricia Hogan
85-6-2A	Judith Beaudette Tr
85-6-3	Areliia Monroe & Farrell Scott
85-6-3A	Areliia Monroe
85-6-4	Travis L Stover
85-6-4A	David L Moulds
85-5-A, B	Trustees of Mt Salem Baptist Church
85-A-22	Clyde Galloway Jr & Daphine G Jones
85-A-22A	Willie Woolrdige Tr
85-A-23	Benjamin B Loving Jeter et als
84-9-7	Arvis A Terry
84-9-6	Arvis A Terry
84-9-5	Arvis A Terry
84-9-4	John H Brown
84-9-3	Stacey Mecha Washington
84-9-2	Arvis Terry
84-9-1	Arvis Ann Terry
84-A-64	Linda M Conover
84-A-63	Tomeeka S Toliver
84-A-62	Willard R Coates
84-A-61	Gloria W Wilson
84-A-60	Britie Probes
84-A-65	Woolfolk Family LLC
84-A-65A1	Timothy A Anthony
84-A-65A	Thomas M & Melinda L O'Connell
84-A-84K	Adolfo & Silvia P Menendez
84-A-32	Kathryn C McVay
84-A-4	Bellemount Farms Inc
85-A-21A	Robert R Ayers
85-A-15	Jeff Freeman Estate

Tax Map	Owner Name(s)
85-A-16	School House Road LLC
85-A-16A	GC Out of Area Properties LLC
85-A-17	Burnett & Hazel Freeman
85-A-19	Bell L Turacy
85-A-10	Jeff Freeman Estate
85-9-15	Raymond L Ratcliffe Jr & Laura Rasmussen
85-9-16	Eric D Chenault
85-A-9	Janet R Cornell
58-A-26	Joyce Brenda Cofield
58-A-27	Joyce Brenda Cofield
58-A-25	Daniel T & Christina J Costa
58-A-24	William C Ruble III & Suzanne P
58-A-38	W A Carter etals
58-A-39	Thomas J Ball Jr
58-A-1B	Bessie R Allen
58-2-1A	Justin O Cecil
58-3-E	Thomas W Blanton
58-2-2A	Jacqueline W Barham
59-A-18	Michael G Deters
59-A-17D	William H Dusin, Jr & Barbara
59-A-17C	Archer C Farmer III & Carolyn D
59-A-17	Carolyn Dustin Farmer
59-A-29A	George F & Barbara F Seal
59-A-28	Gladys T Bruce etals
59-4-0	Christopher T Farmer
59-A-20	Diane Allen Stanley & LV
59-A-21A	Robert W Farmer Jr
59-A-21B	Richard J Hausler Jr & Virginia K
59-A-23	Michael A & Lori Allen
59-A-24	Maxine S Beazley
58-A-33	Ronald L Edwards Sr & Suzanne H
58-A-32A	Ronald L Edwards Sr & Suzanne H
58-A-35	Clarence S & Carrie Moser
58-A-36	M Rebecca Deyo
58-3-B	Denise M Ford
58-3-B2	Denise M Ford
58-3-C	Margaret & Jacqueline W Barham
58-3-D	Jacqueline W Barham

Tax Map	Owner Name(s)
60-A-6	R B Chenault Jr & Deborah K
60-A-7	Jean Parker Penney
60-A-13C	James W & Freida B Pitts
60-A-13B	Ralph & Jeanine Smith
60-A-13D	Mark & Judith Alison Bradley
60-A-13A	Michael J Shamblin Jr & Kathryn H
60-A-11	Drucilla Peterson
60-A-12	Alps Farm LLC
60-A-12A	K & J Timblerlands LLC
60-A-18	Donald S Penney
60-A-17	Franklin C Gee
60-A-14	Bernice Beazley Rowe
60-A-16	Bernice Beazley Rowe
59-A-38B	Steven R & Ann Lohr
59-A-38	Steven R & Ann Lohr
59-A-40	Mary C Taylor
60-A-29	Beverly Run Plantation LLC
60-A-28B	Lenzy & Deborah Alexander
61-A-23	David & Beth Peck
60-A-28A	Lucy B Vaughan
60-A-26C	John K & Theresa A Pitts
60-A-26D	David M & Michelle L Chewning
60A-1-5B	Debbie S Loving
60A-1-4	David H Christenson
60-A-1-1	James Daniel Powell & Tabitha
60-A-26B	Keith M & Lelia D Fortune
60-A-26A	Keith M & Lelia D Fortune
60-A-12	Alsp Farm LLC
60-A-8B	Kenneth R & Karen D Summers
60-A-8	Maxine S & C Todd Beazley
60-A-35	Lydia T Jones
60-A-34	Beverly Run Plantation LLC

Tax Map	Owner Name(s)
60-A-19	Frederick & Kenneth Taormina
60-A-23	Marjorie A Heath etals
60-A-23B	Edward A Nelson Jr
60-A-23A	Edward A Nelson Sr
61-A-30	Paul David Pitts
61-A-29	Dorothy Metzler
61-A-31	Hawaii Ers Timberland LLC
60-A-21	Benjamin A Tignor Jr & Brenda C Trs
60-A-20	Jessica Rae Larson
60-A-20A	Jessica Rae Larson
60-A-22A	Mark F Pitts Sr & Janet W
76-A-31	John R Fortune Jr & Wanda B
76-A-31A	John R Fortune Jr & Wanda B
77-1-1	Sharon Ruthe Helms
77-1-4	Kirk E & Lorraine B Richardson Trs
77-1-3	Diana L Tyree & Conrad III
77-A-34	Brandon Lynn Tignor
77-A-34A	Robert Powell Belcher & Judith T
77-A-7	John R & Elwood A Tignor
77-A-6	Clarence Wm Tignor Etals
76-A-20	Frank P & Kathryn Andrews
77-A-36	Wiley Hall
77-A-5	Wiley Hall
77-A-4	Samantha O Nelson
77-A-3	Thelma N Byrd
77-A-2	George Clifton Seal III
77-A-37	George C Seal III
76-A-20B	Clarence O Reynolds
76-A-25	Clarence O Reynolds
76-6-7	Carlyle Byrd
76-6-6	Wanda B Fortune & Michael L Byrd
76-6-3	Americas Prayer Network Inc
76-6-5	Americas Prayer Network Inc
76-A-34	Central Point Farm Inc

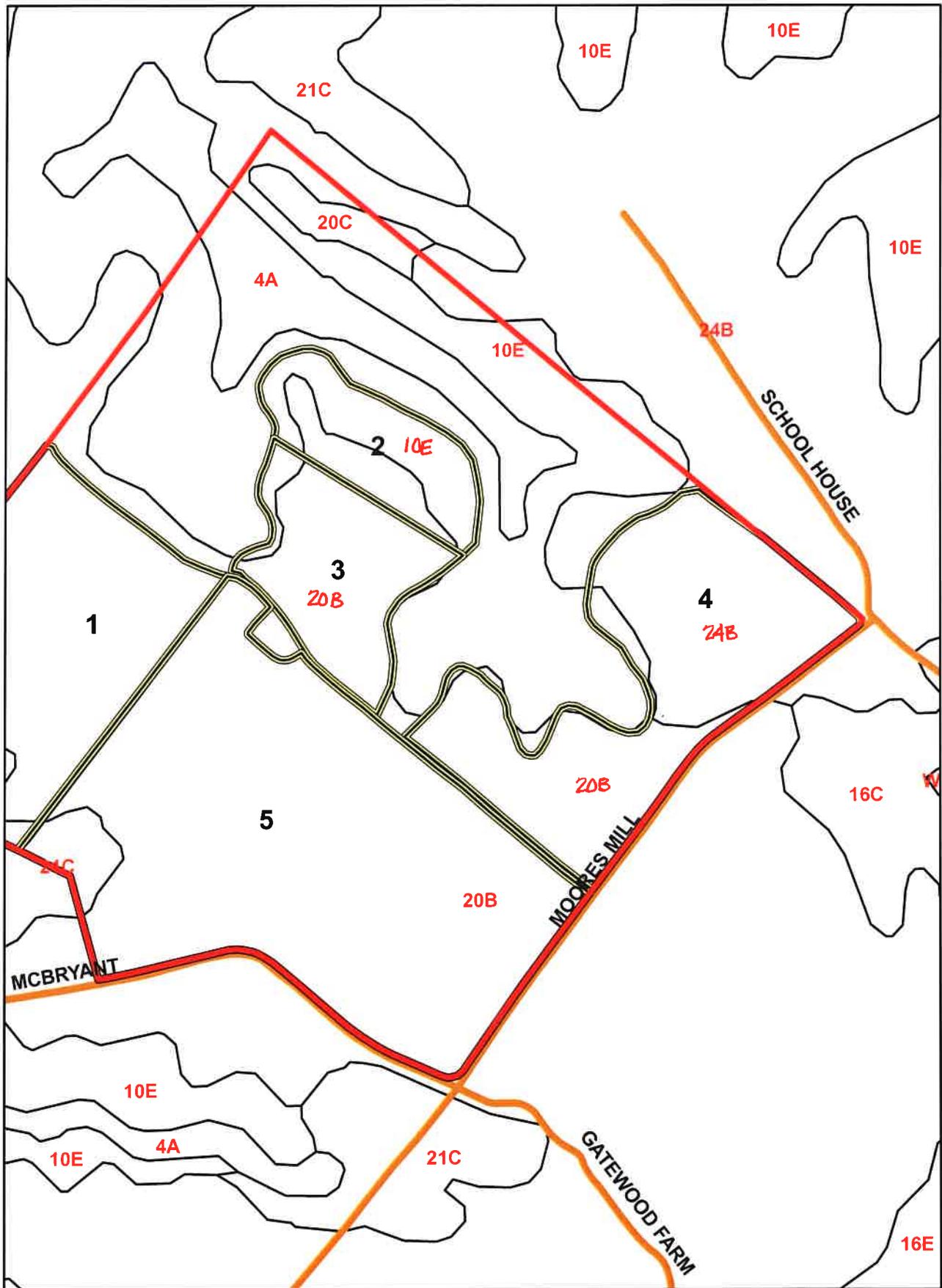
Tax Map	Owner Name(s)
75-A-16	Elizabeth Rebecca Wilson
75-A-15	James Lamont Johnson
75-A-18	Mary J & Richard Lunoe
75-A-19	E D David Tr
75-A-38	Jimmy & Maureen Chisenhall
89-A-29	Gregory Glen Thorsted et als
75-A-11	Gregory Glen Thorsted et als
89-A-30	David & Peggy Spicer
89-A-28	Sarah F Southworth
75-A-14A	Merrel G & Mallory M Grant
75-A-10	Nancy Ball Sharp Tr
75-A-9	C Todd Beazley
75-1-2	Stephen Corey Pitts



SOIL MAP

8-28-19

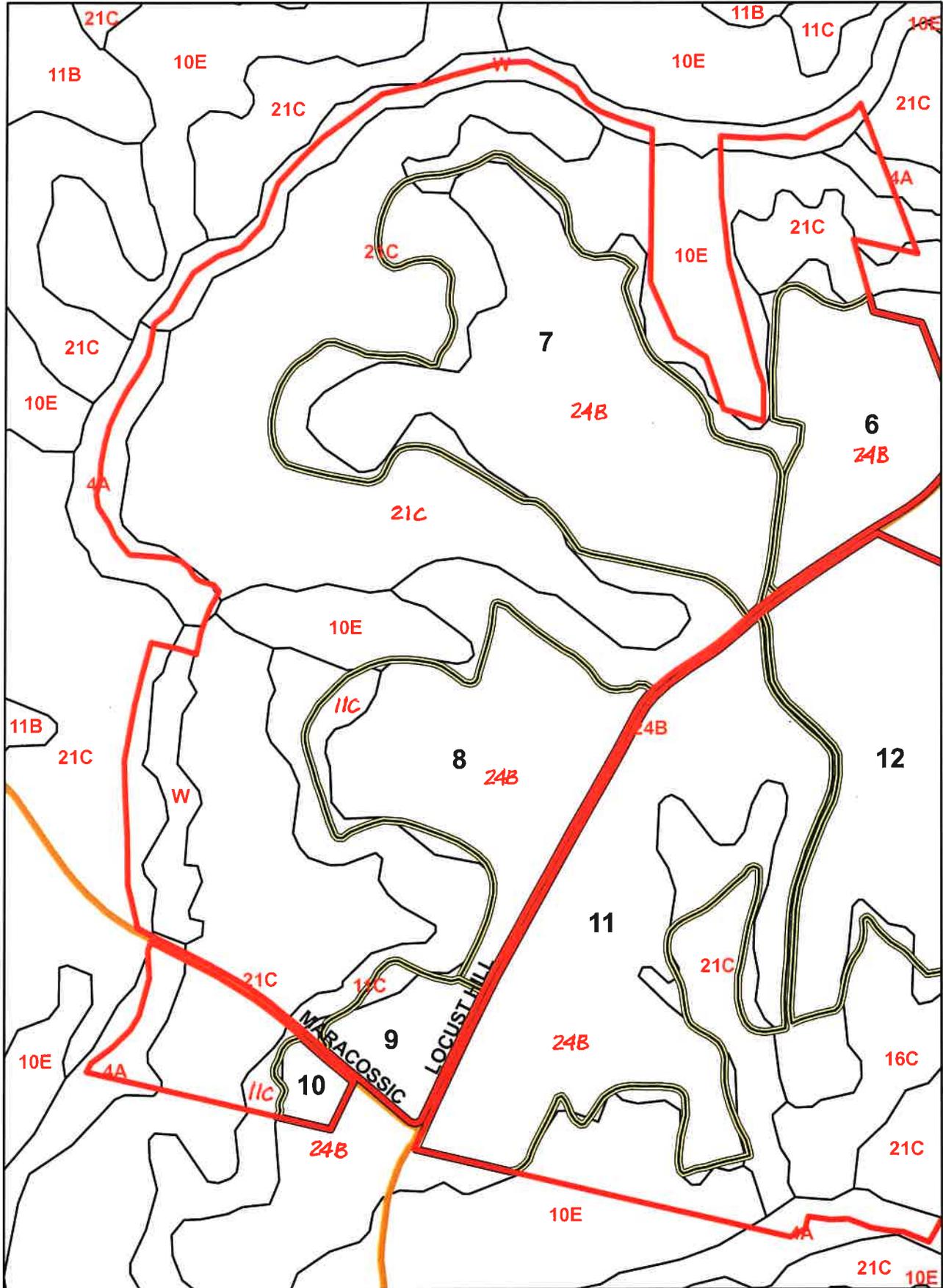
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8-28-19

SOIL MAP

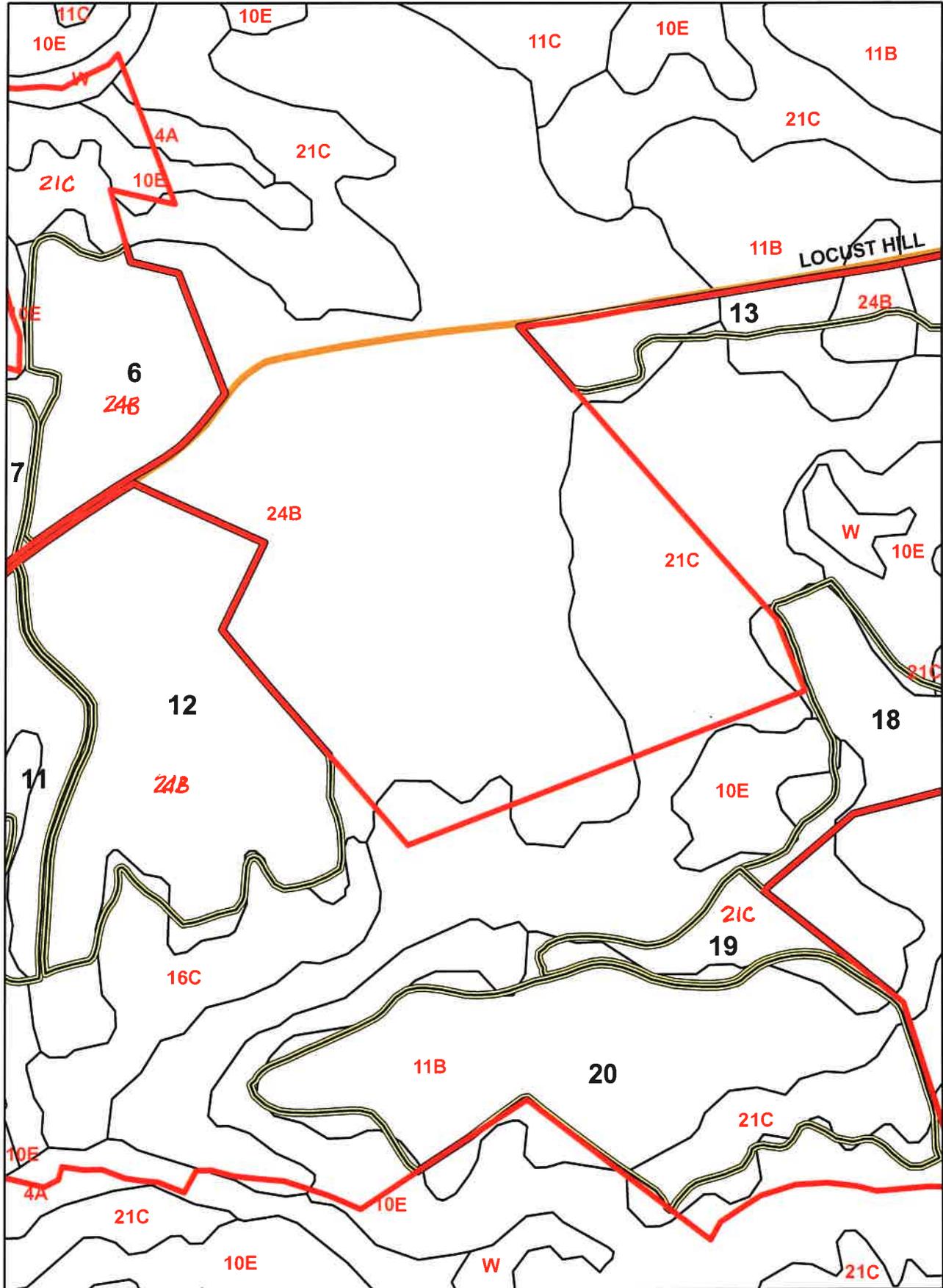
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8-28-19

SOIL MAP

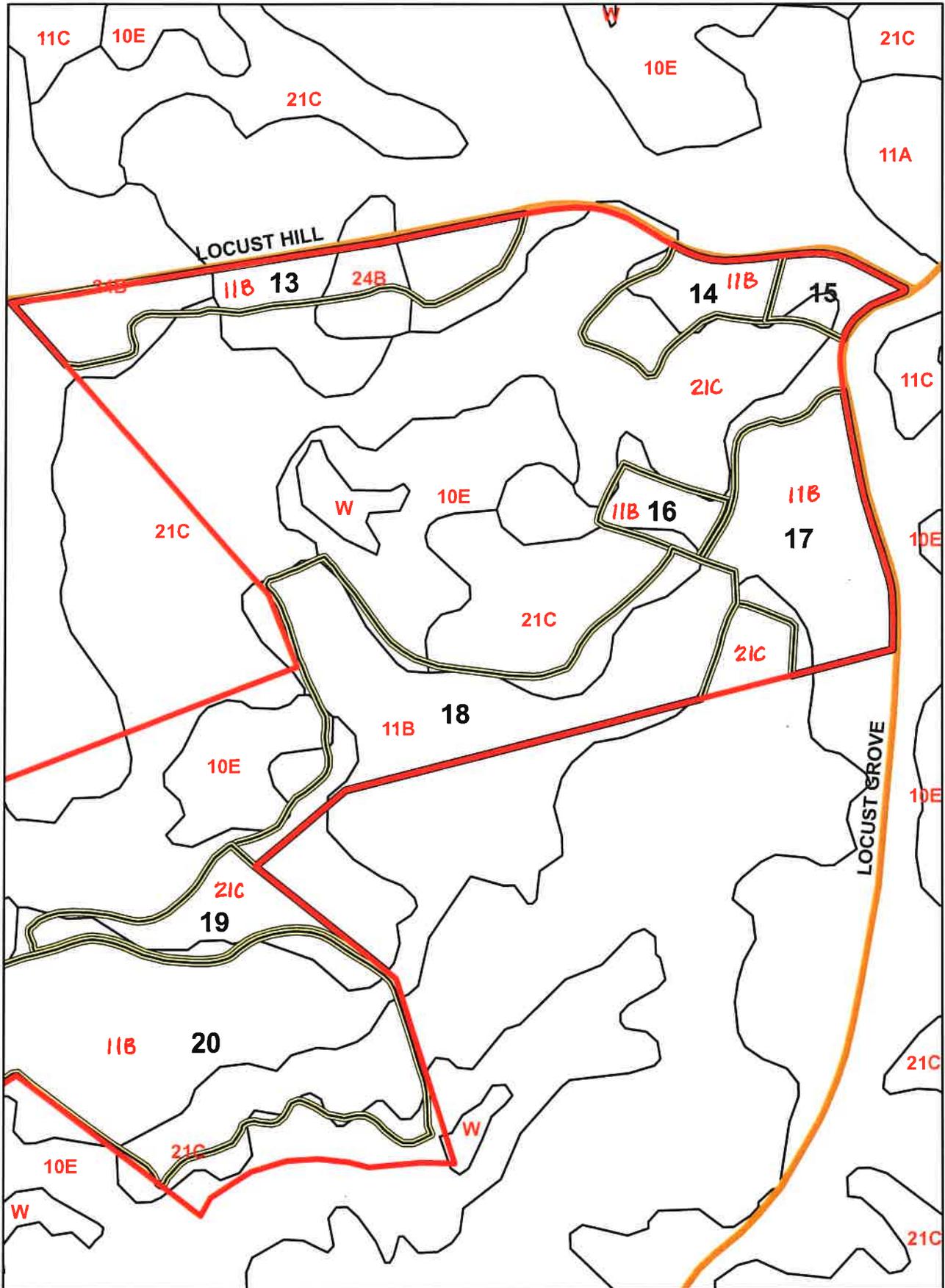
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8-28-19

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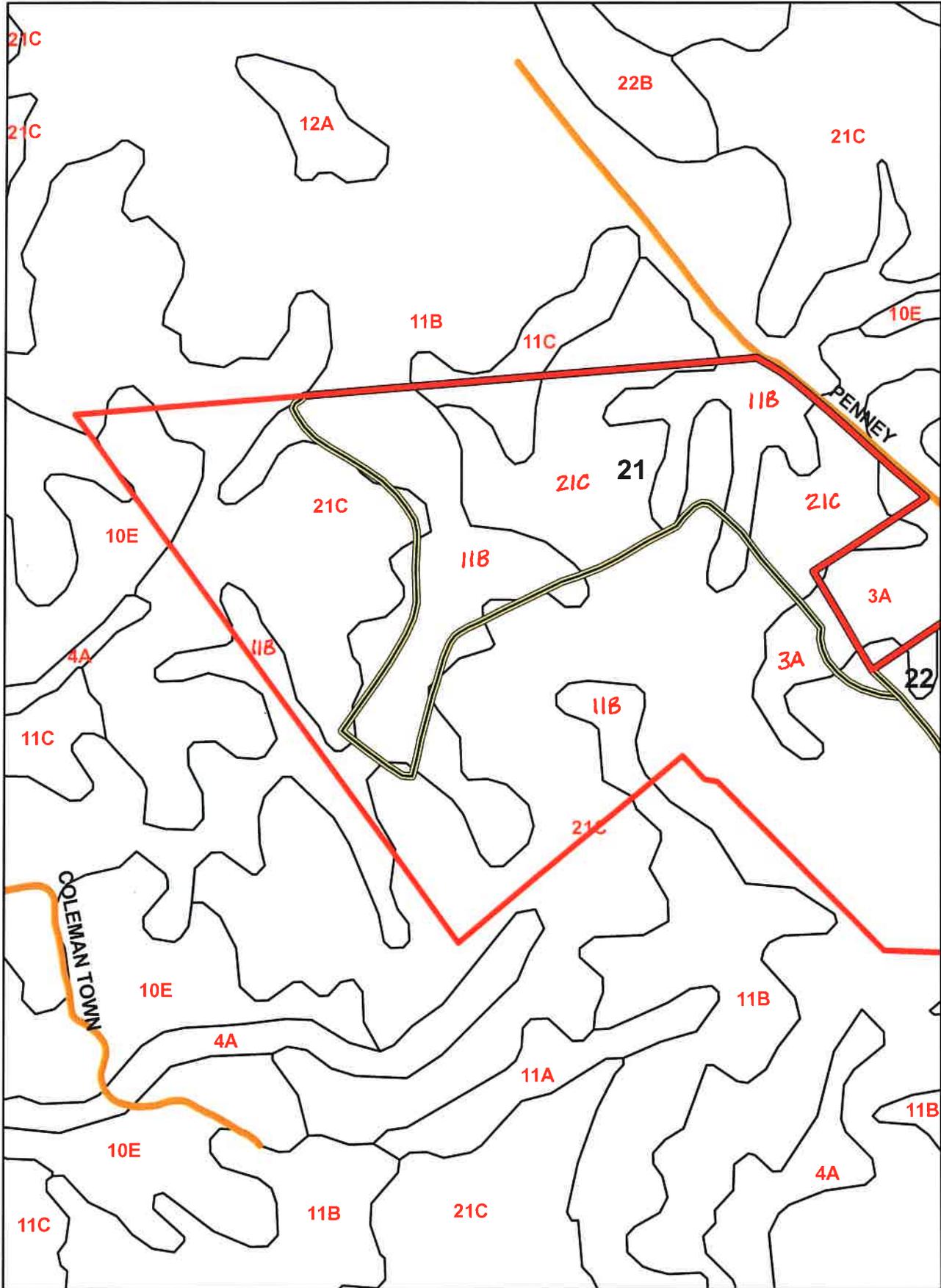
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8-28-19

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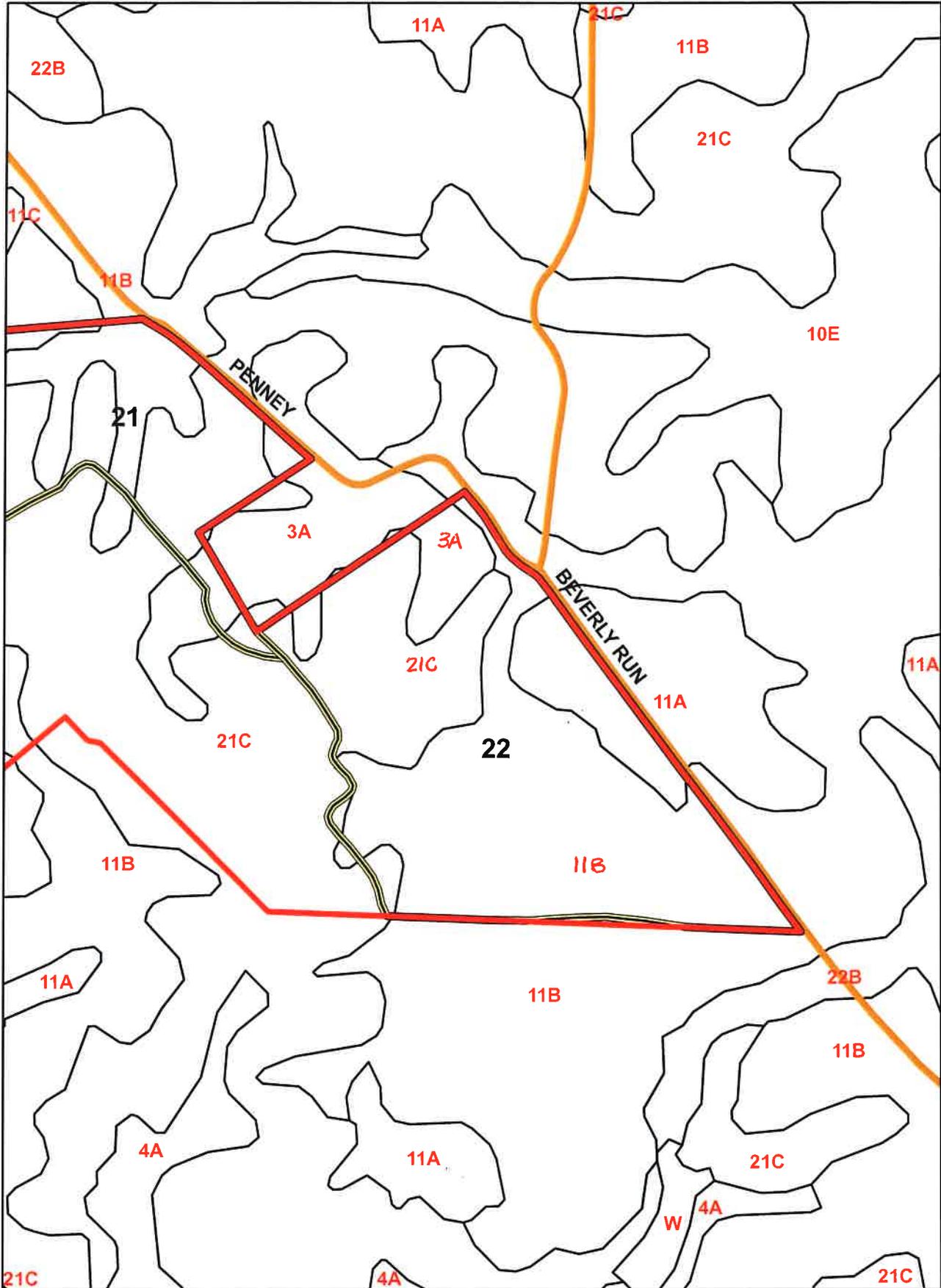
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8-28-19

SOIL MAP

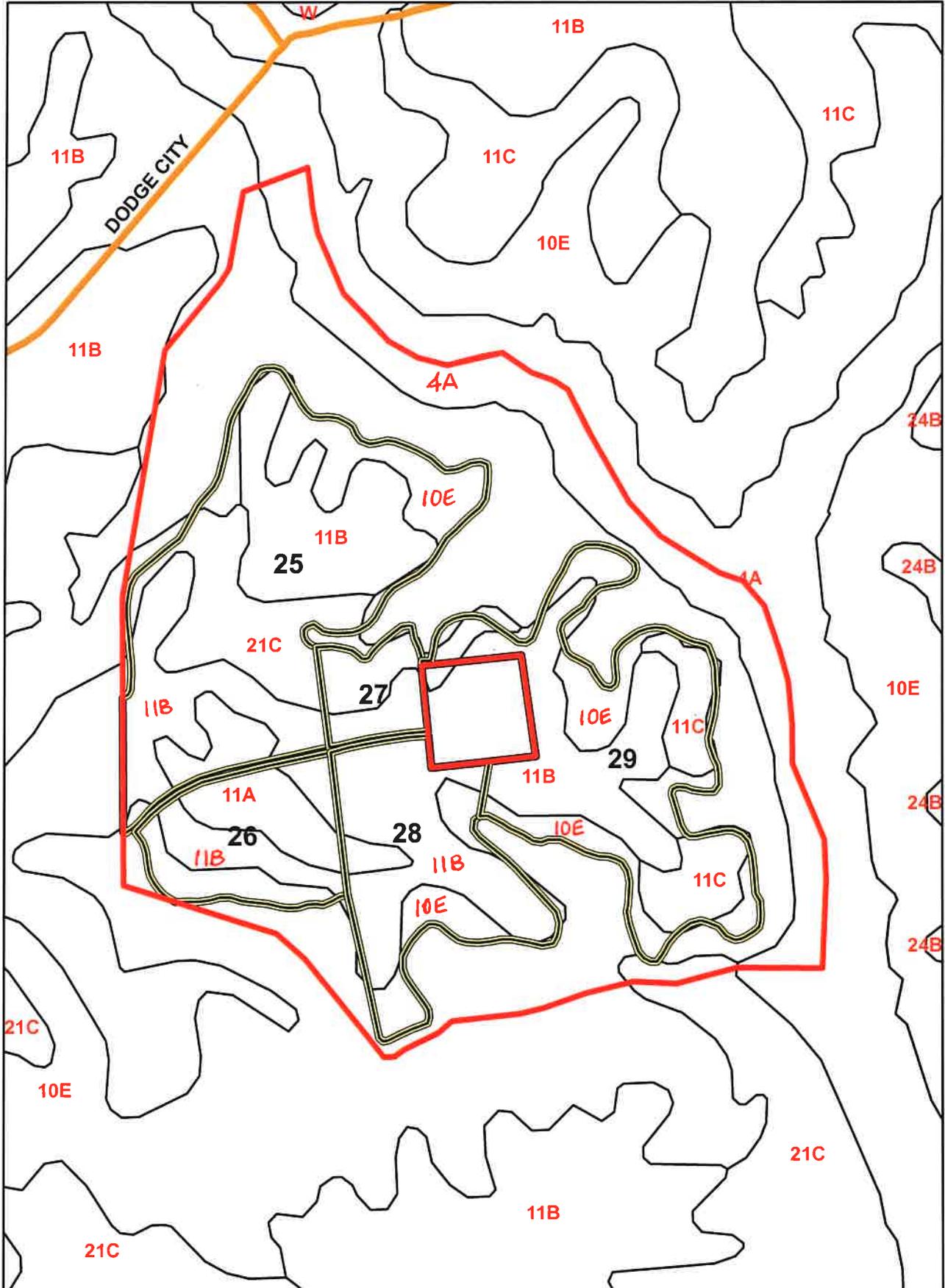
1 in = 660 feet



8-28-19

SOIL MAP

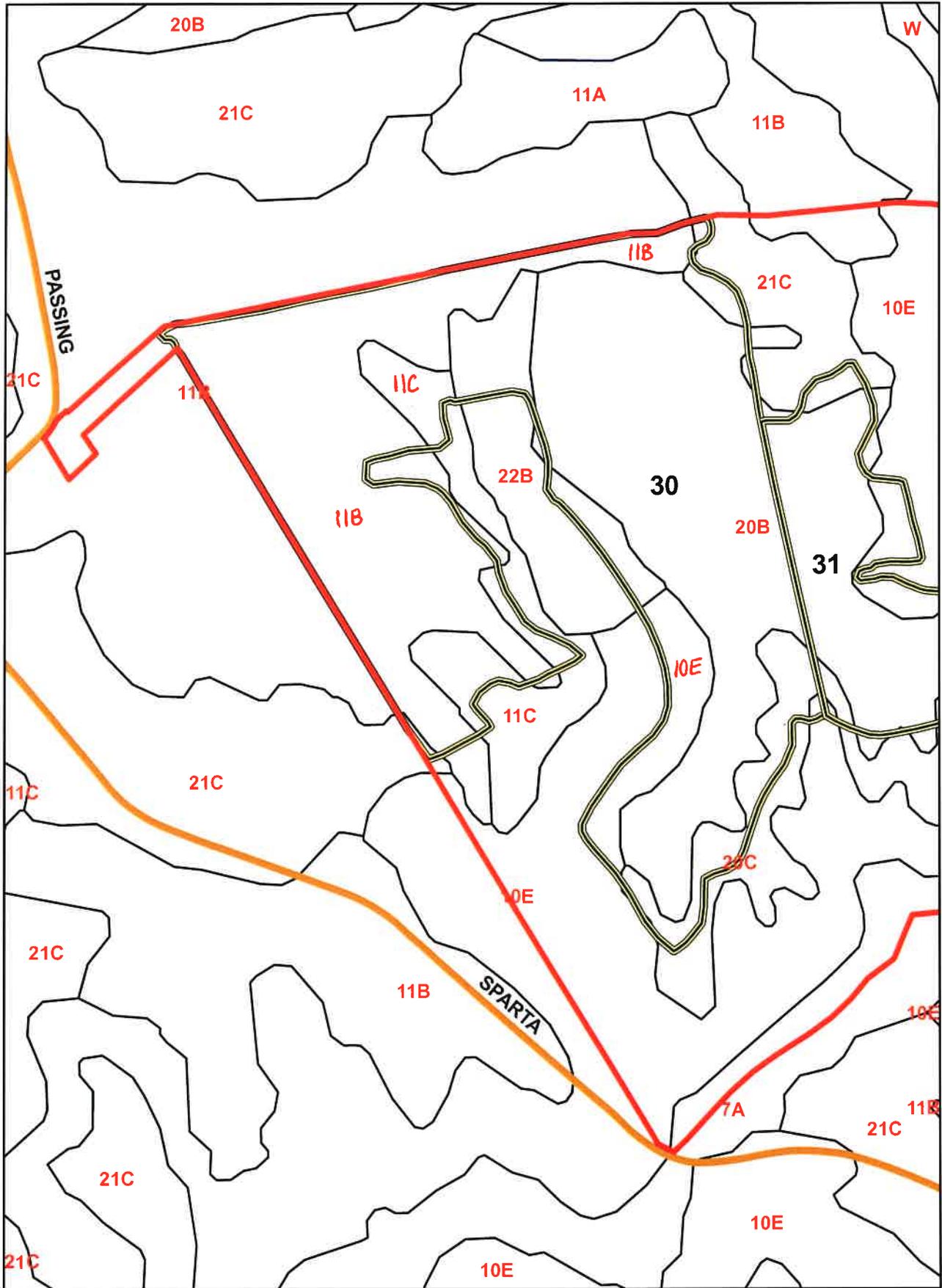
1 in = 660 feet



8-28-19

SOIL MAP

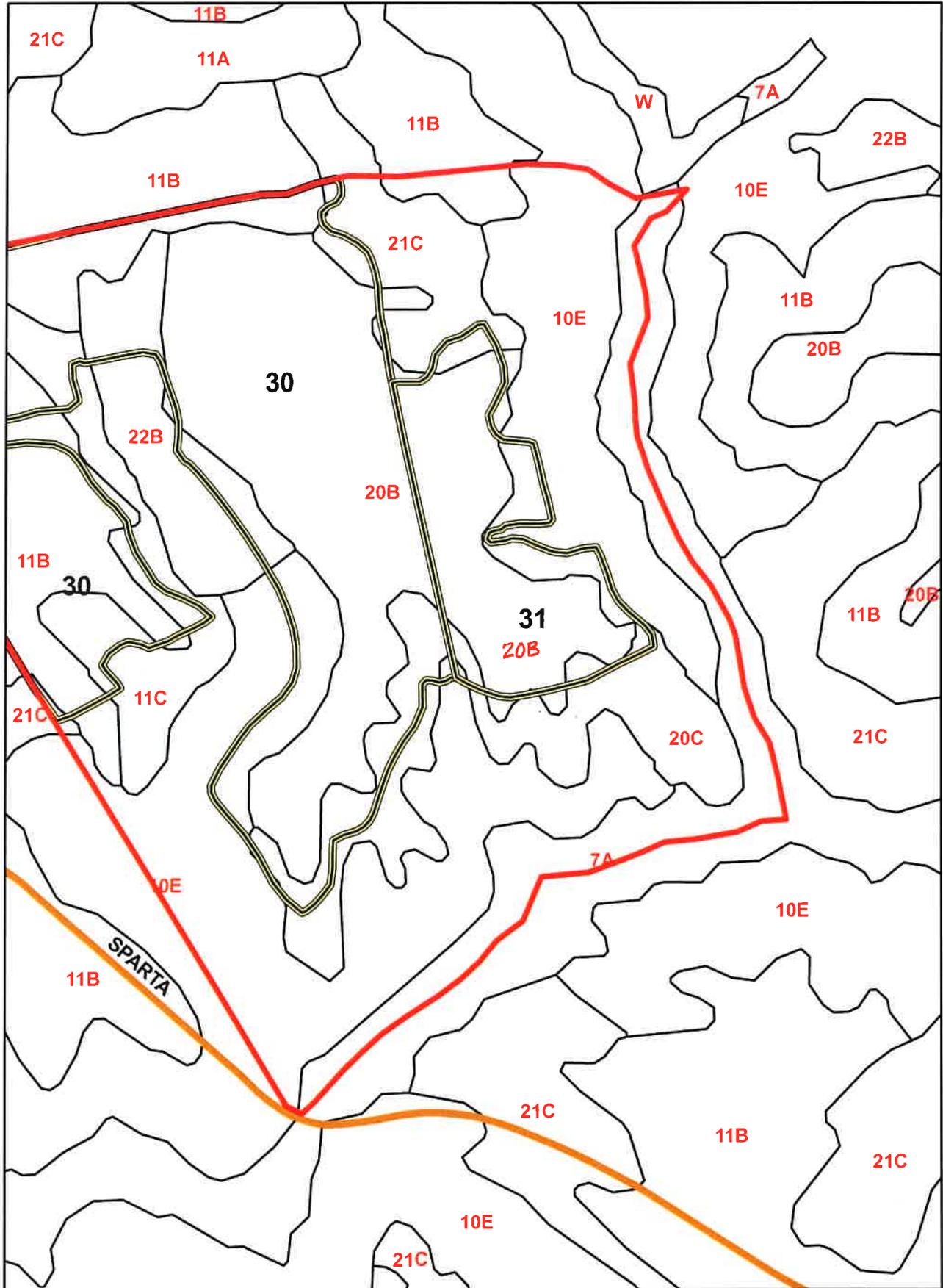
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8-28-19

SOIL MAP

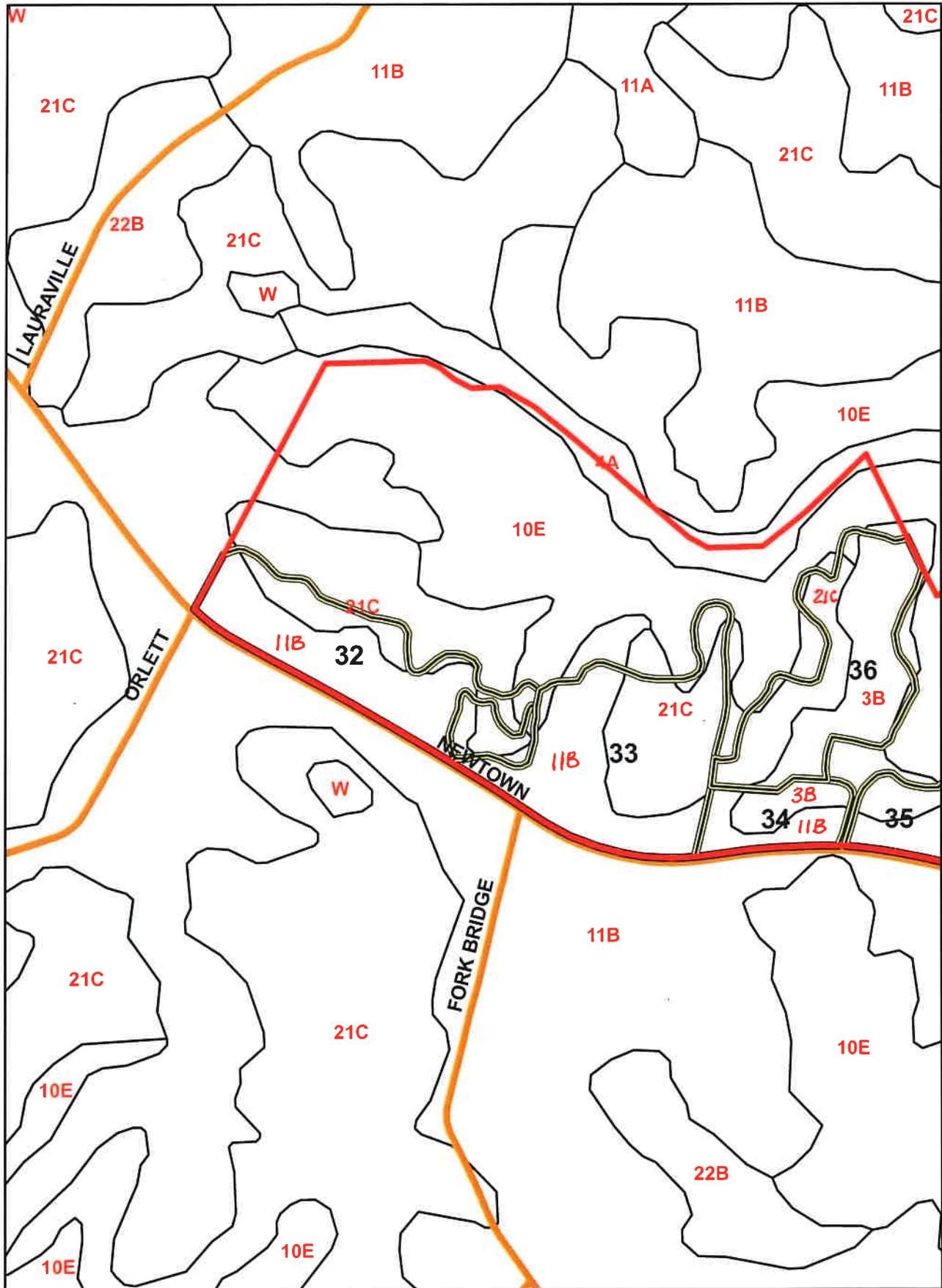
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8-28-19

SOIL MAP

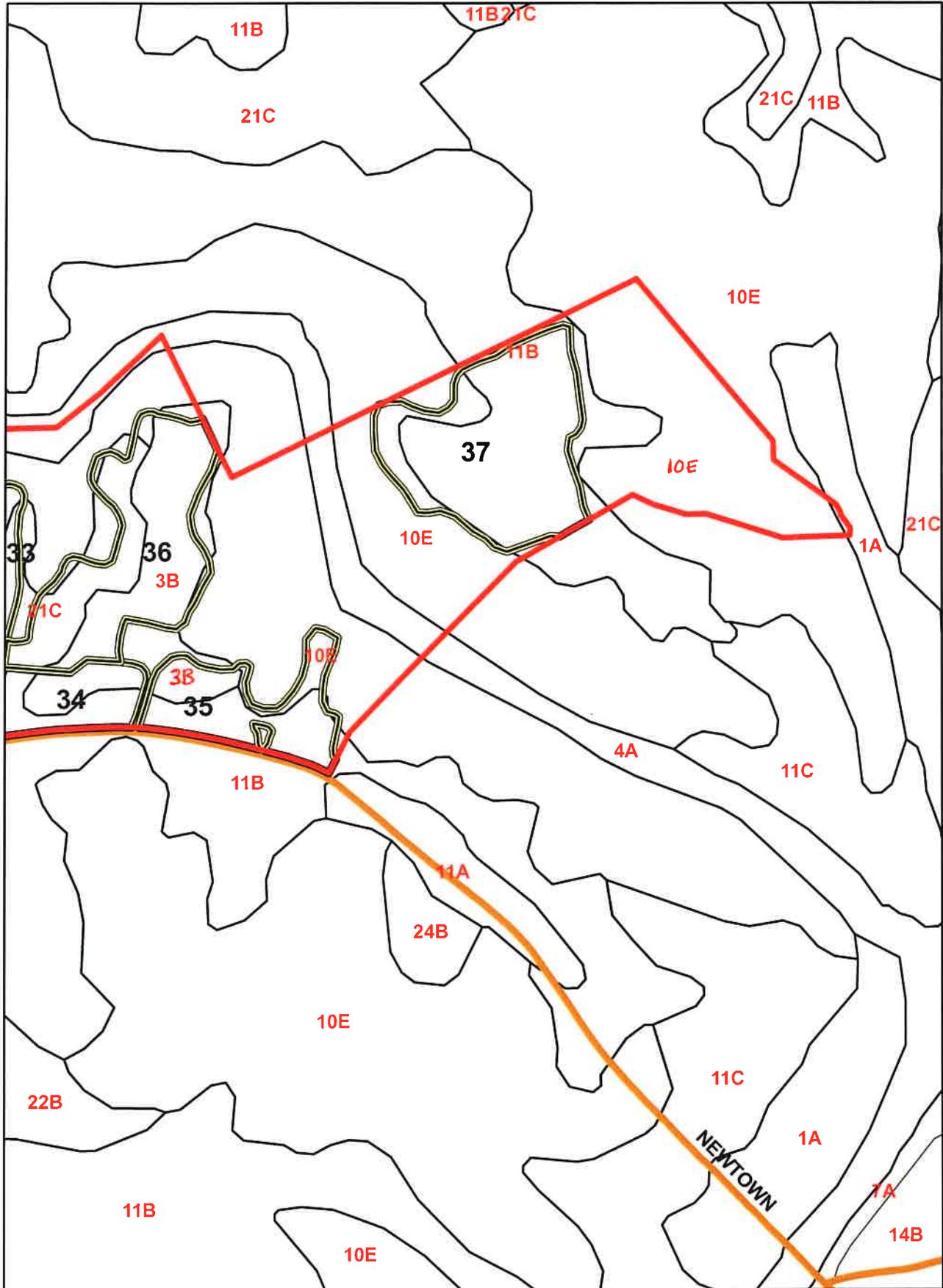
1 in = 660 feet



8-28-19

SOIL MAP

1 in = 660 feet



8-28-19

SOIL MAP

1 in = 660 feet



Field Id	Gross Ac
CRBPL 1	40.3
CRBPL 2	11.2
CRBPL 3	14.7
CRBPL 4	35.3
CRBPL 5	71.3



8-28-19

AERIAL MAP

1 in = 660 feet



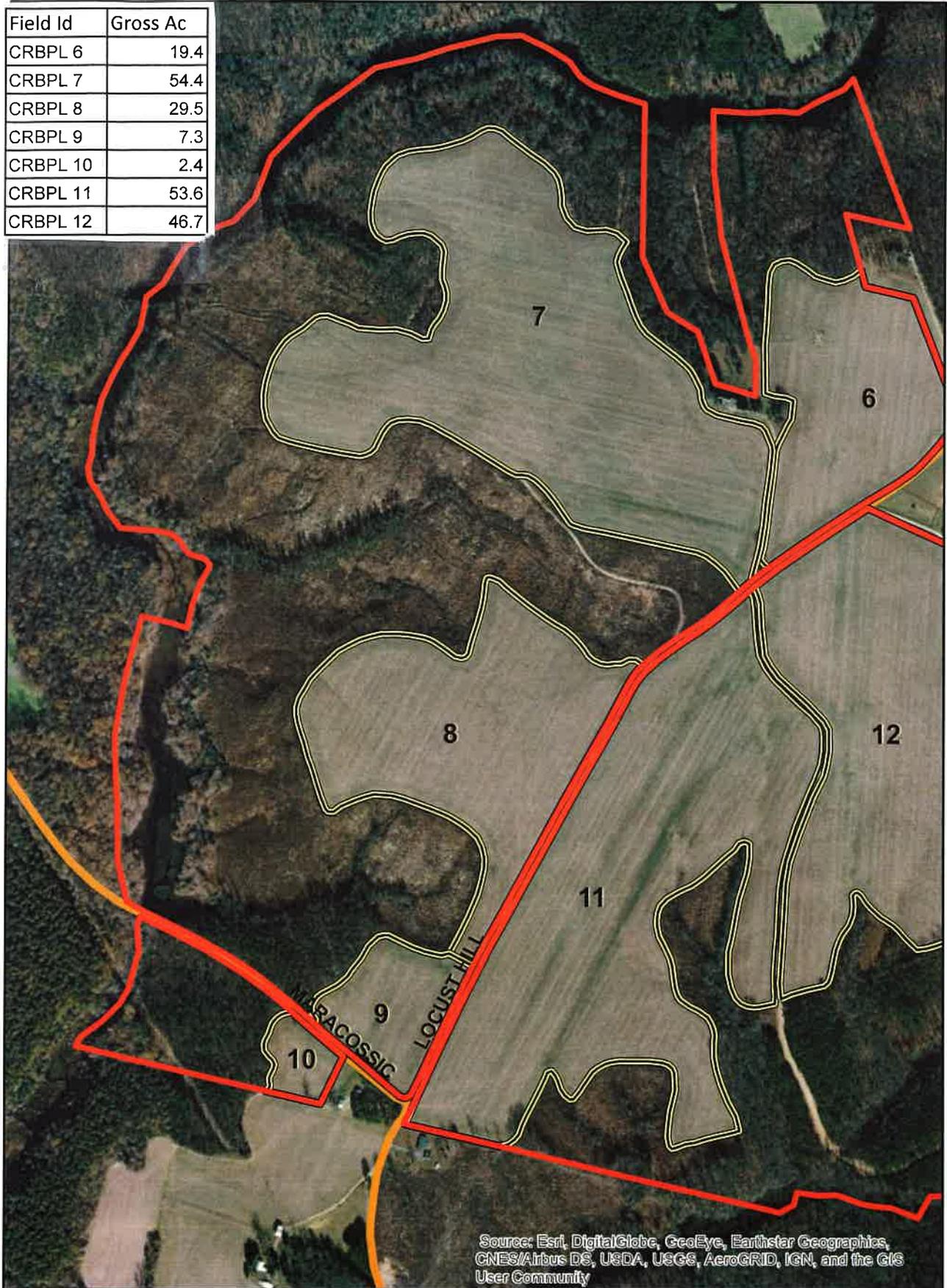
8-28-19

AERIAL MAP

1 in = 660 feet



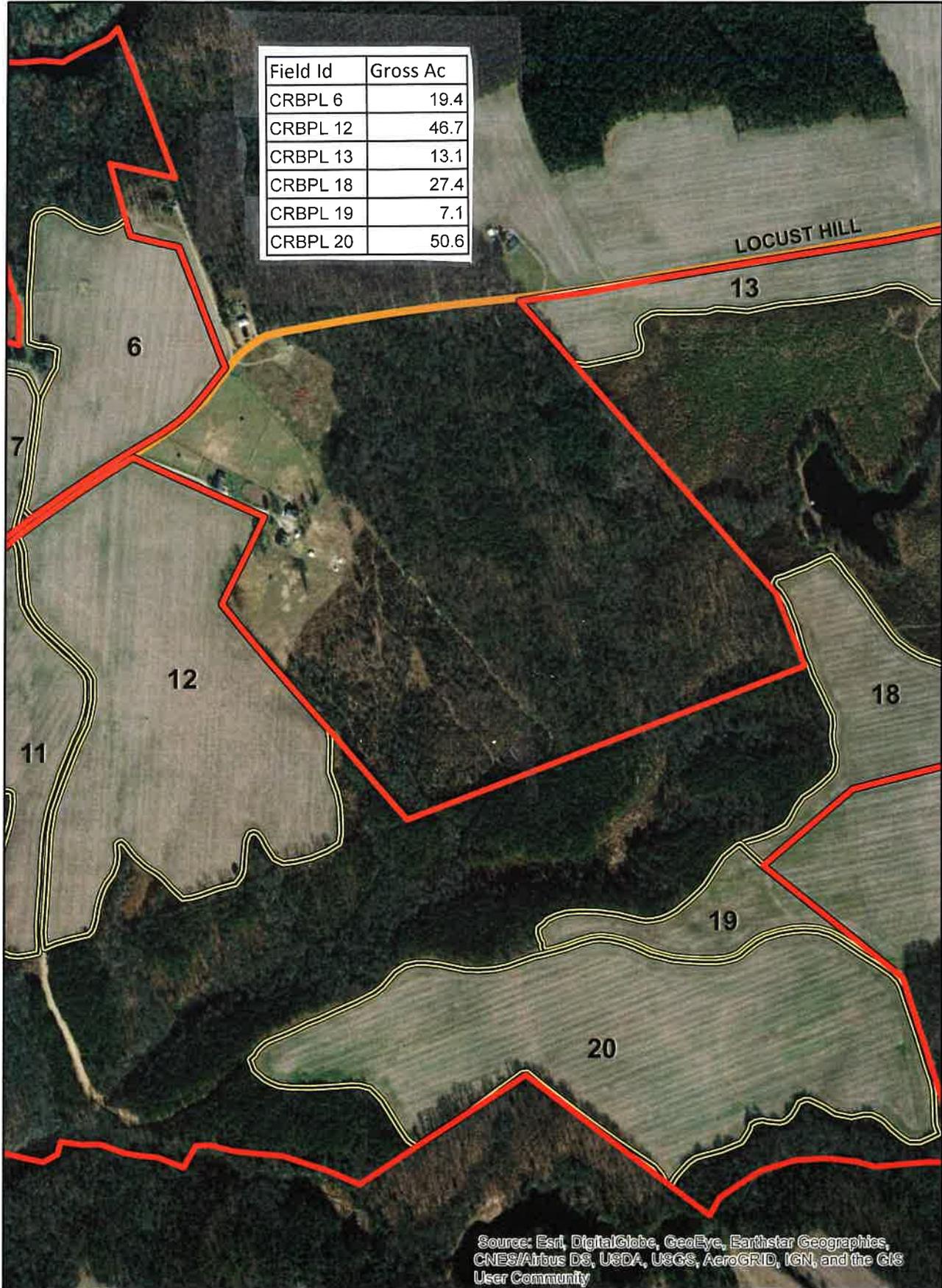
Field Id	Gross Ac
CRBPL 6	19.4
CRBPL 7	54.4
CRBPL 8	29.5
CRBPL 9	7.3
CRBPL 10	2.4
CRBPL 11	53.6
CRBPL 12	46.7



8-28-19

AERIAL MAP

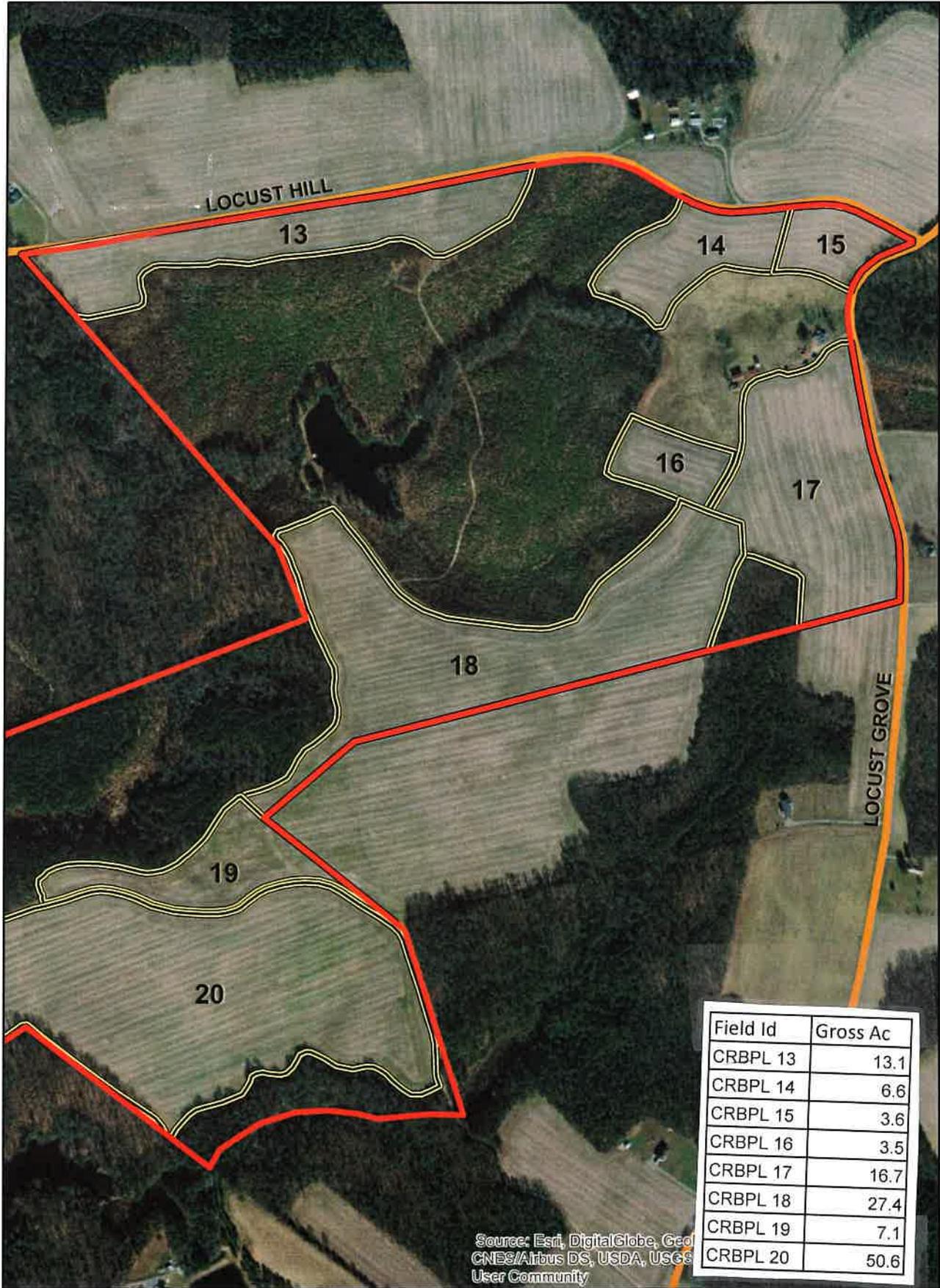
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8-28-19

AERIAL MAP

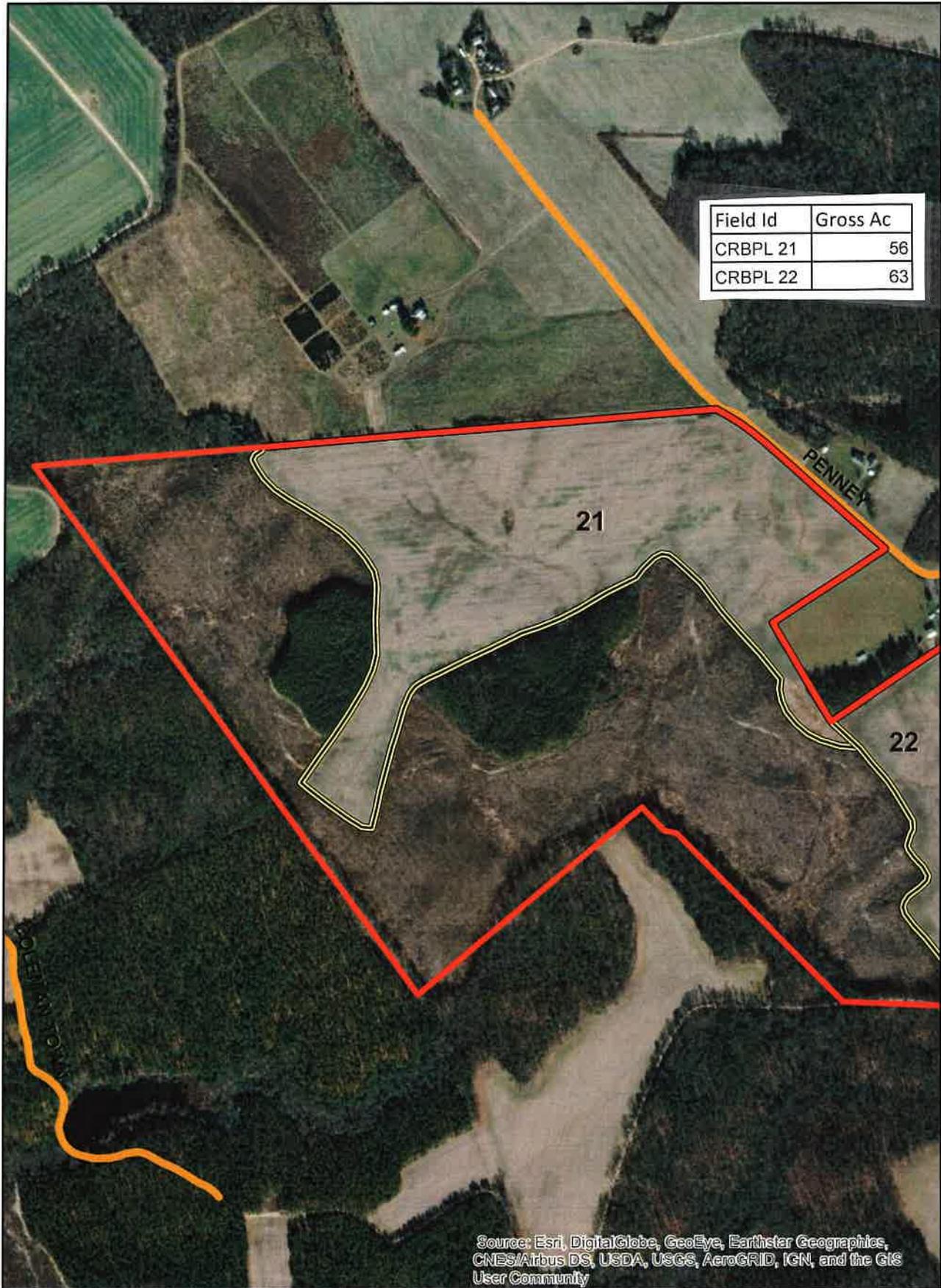
1 in = 660 feet



8-28-19

AERIAL MAP

1 in = 660 feet



Field Id	Gross Ac
CRBPL 21	56
CRBPL 22	63

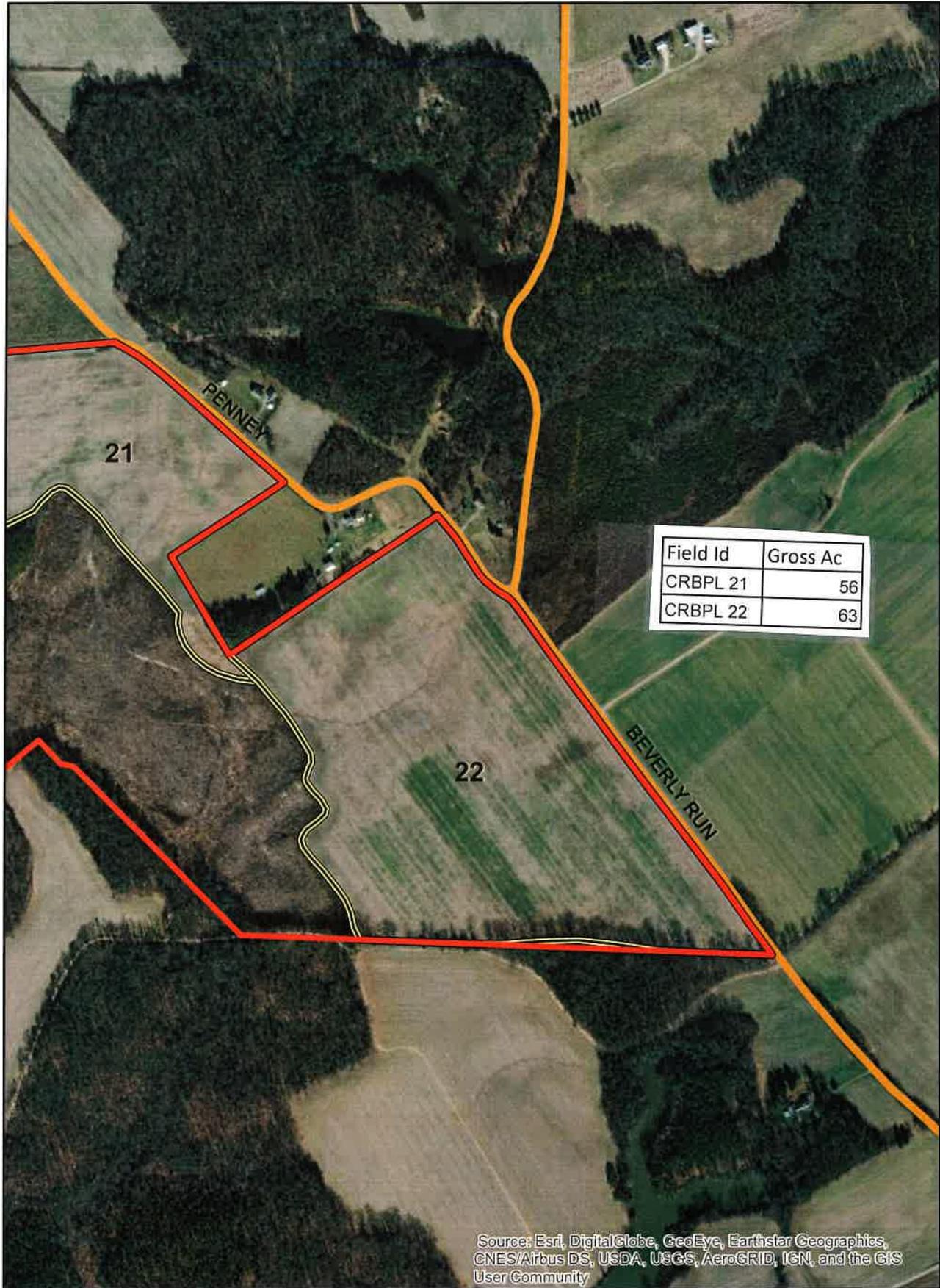
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



8-28-19

AERIAL MAP

1 in = 660 feet



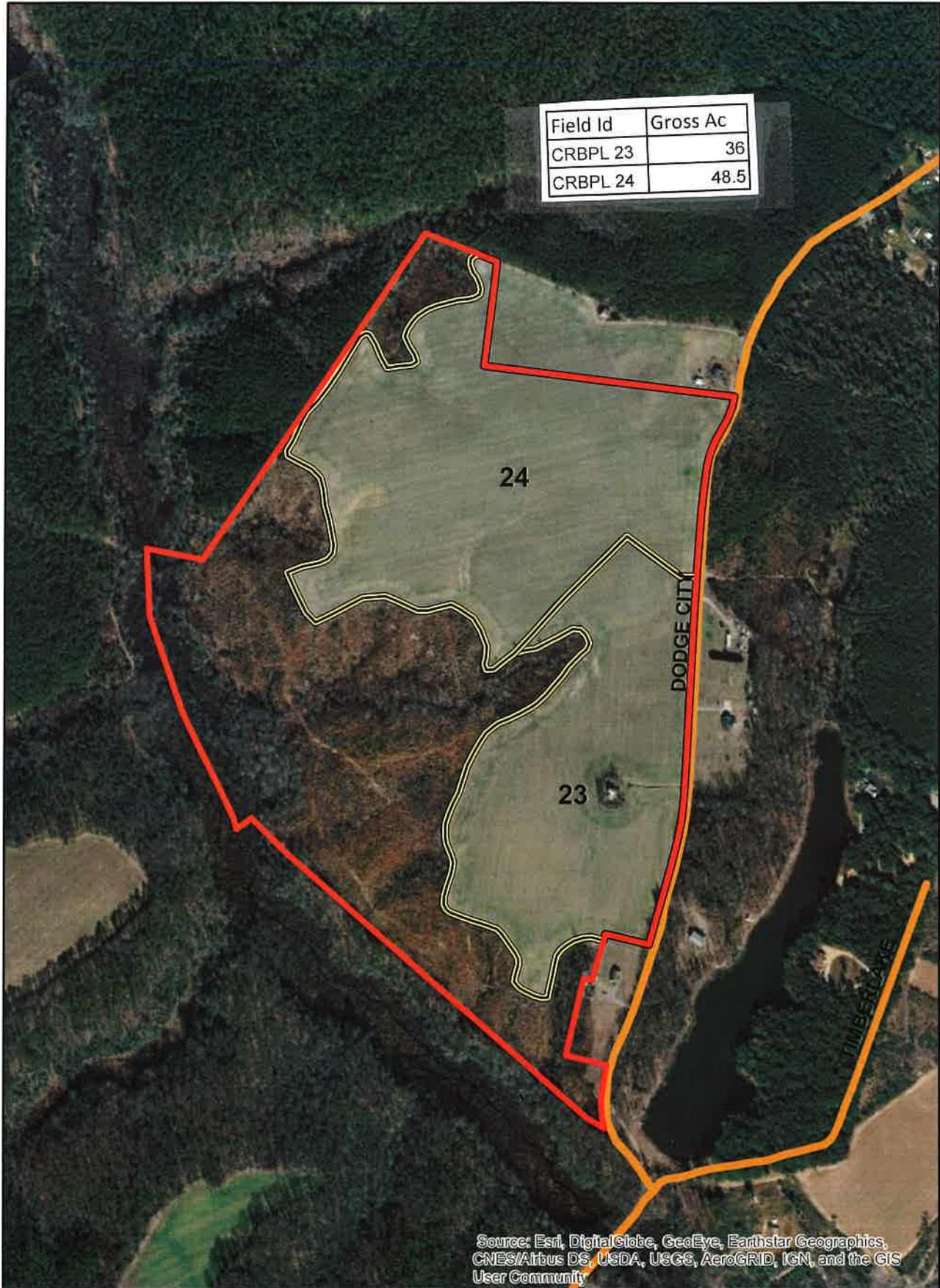
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



8-28-19

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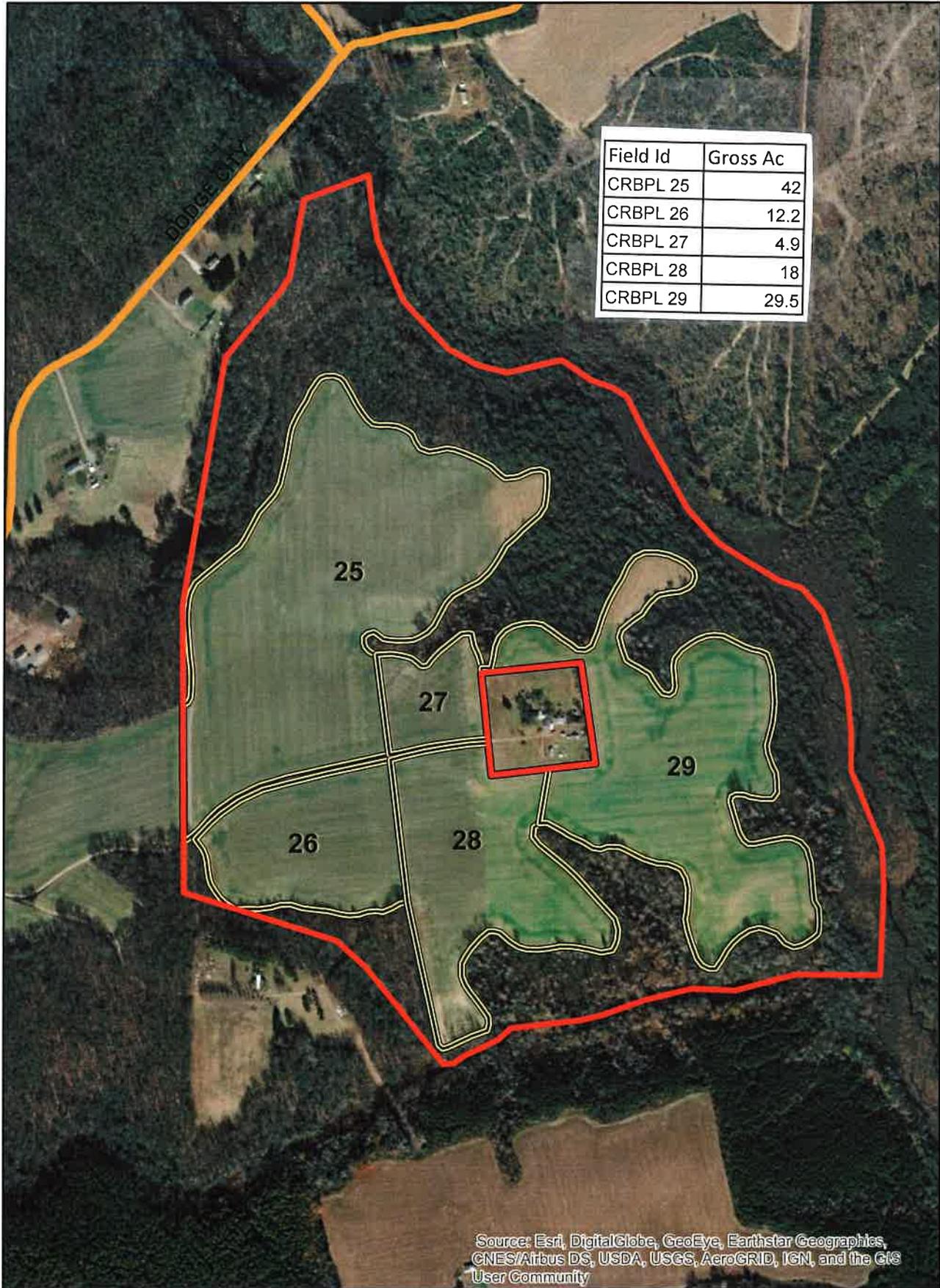
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8-28-19

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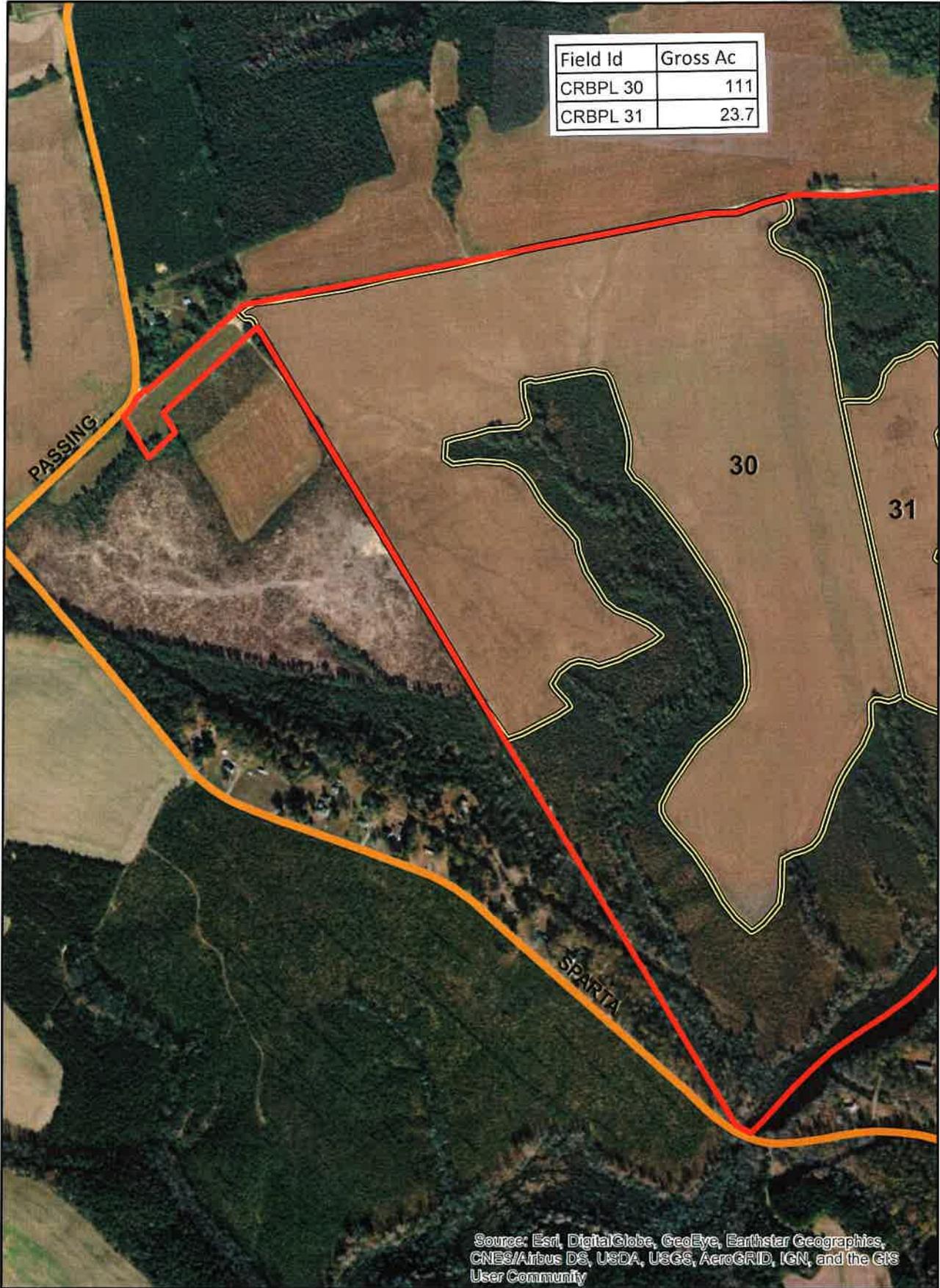
1 in = 660 feet



8-28-19

AERIAL MAP

1 in = 660 feet



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



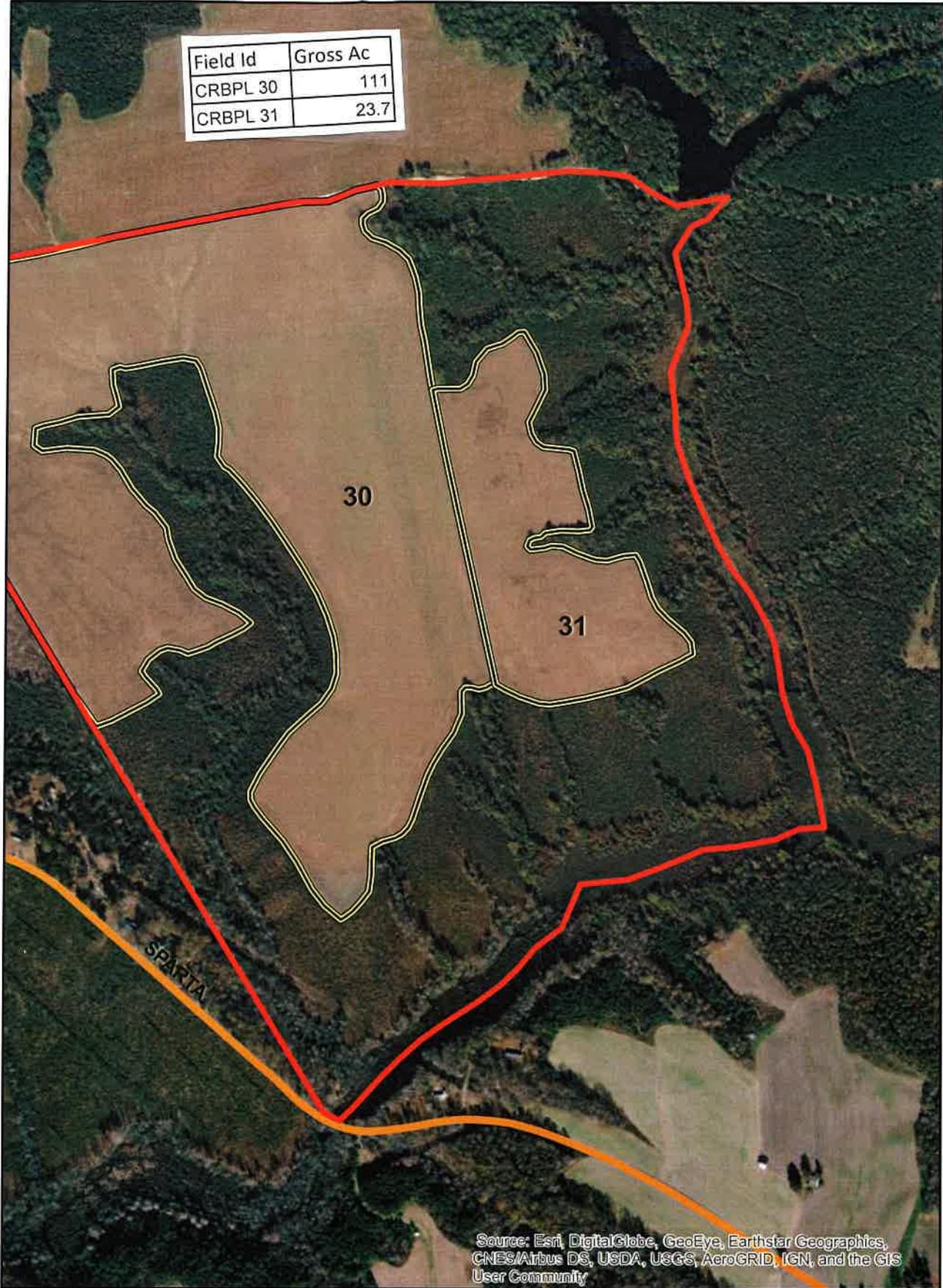
8-28-19

AERIAL MAP

1 in = 660 feet



Field Id	Gross Ac
CRBPL 30	111
CRBPL 31	23.7



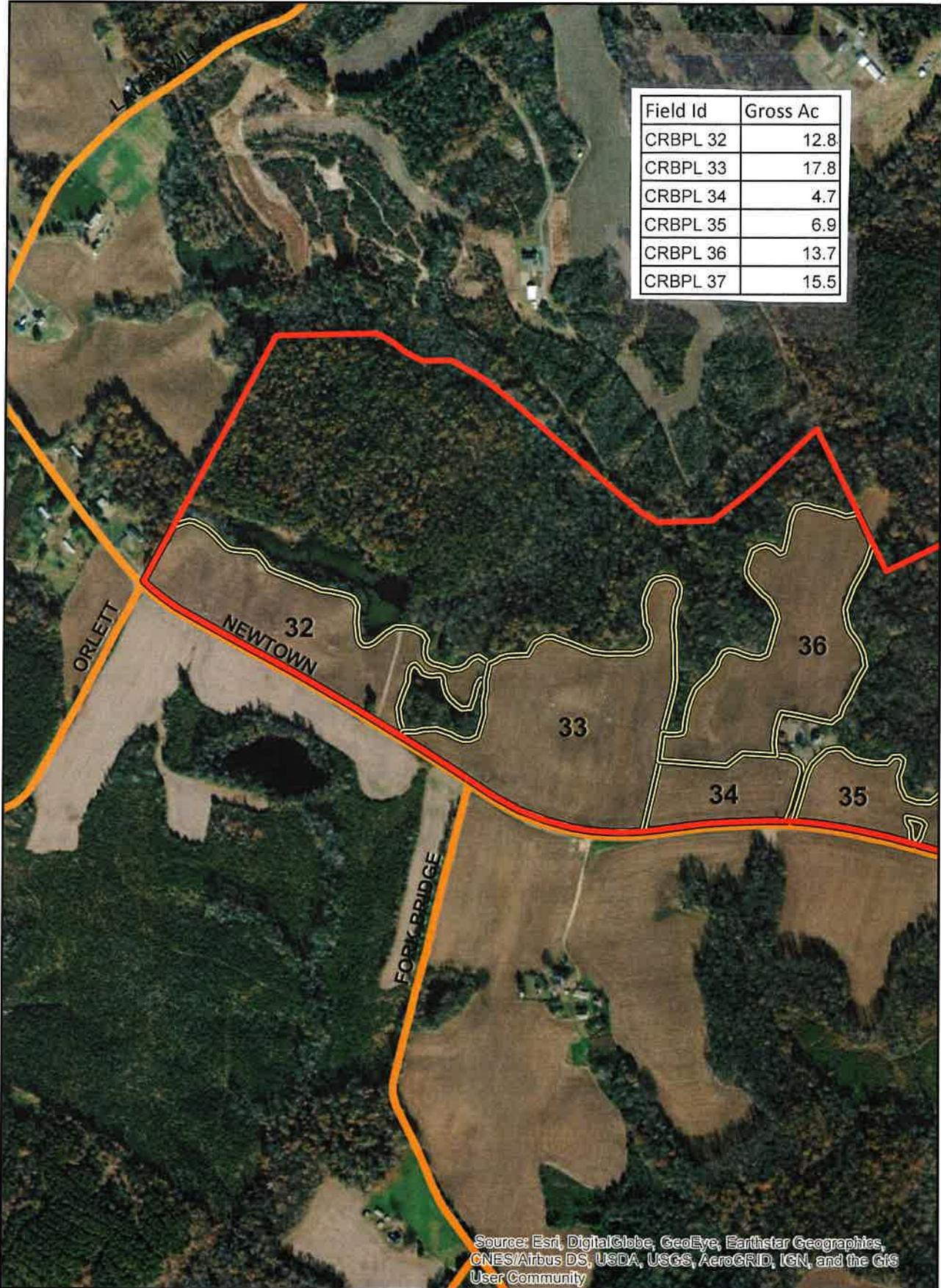
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



8-28-19

AERIAL MAP

1 in = 660 feet



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



8-28-19

AERIAL MAP

1 in = 660 feet



Field Id	Gross Ac
CRBPL 32	12.8
CRBPL 33	17.8
CRBPL 34	4.7
CRBPL 35	6.9
CRBPL 36	13.7
CRBPL 37	15.5



8-28-19

AERIAL MAP

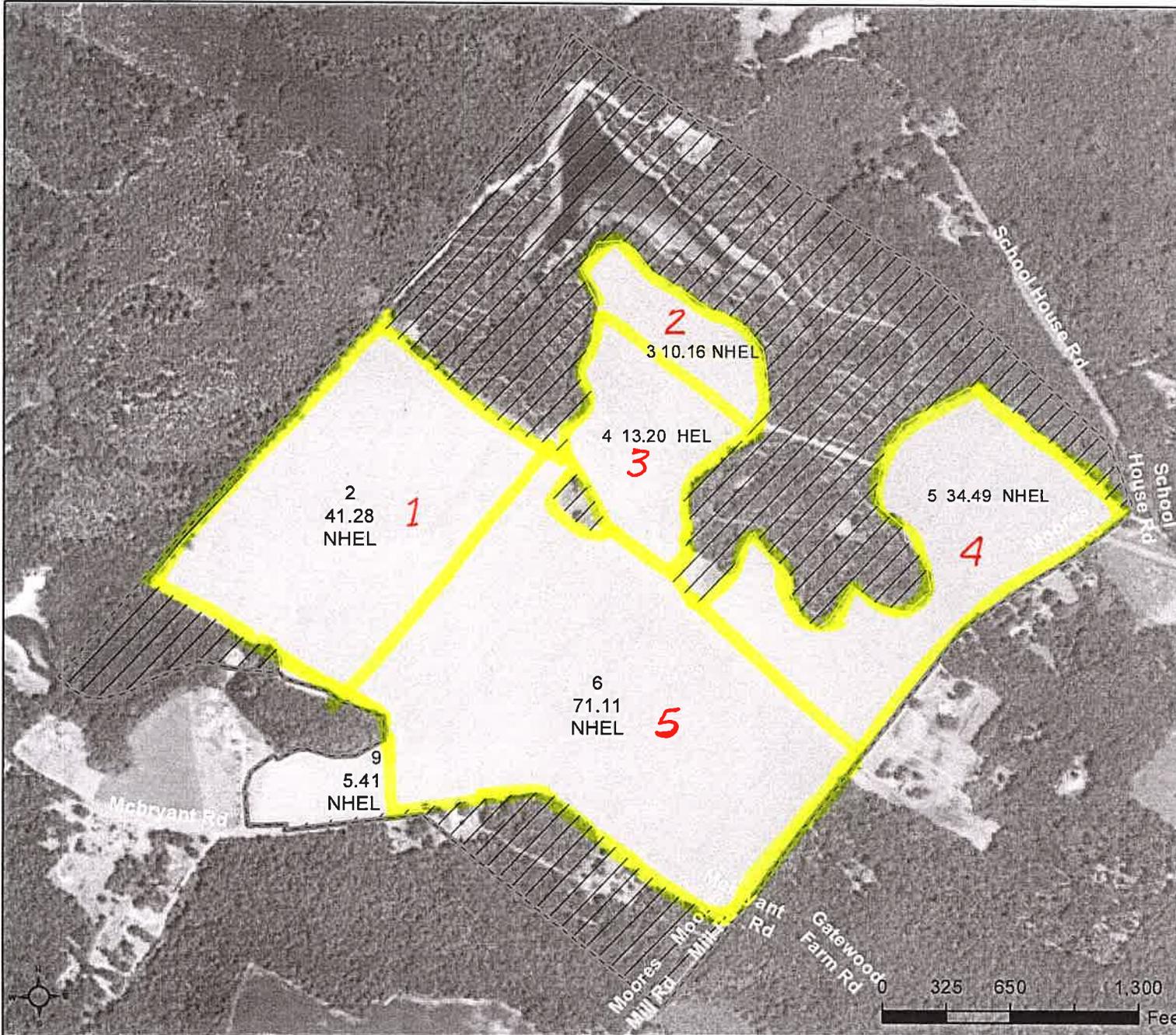
1 in = 660 feet

Farm 3148

Tract 3632

2019 Program Year

Map Created June 05, 2019



Common Land Unit

- /// Non-Cropland
- Cropland
- rcl_va033
- Tract Boundary

Wetland Determination Identifiers

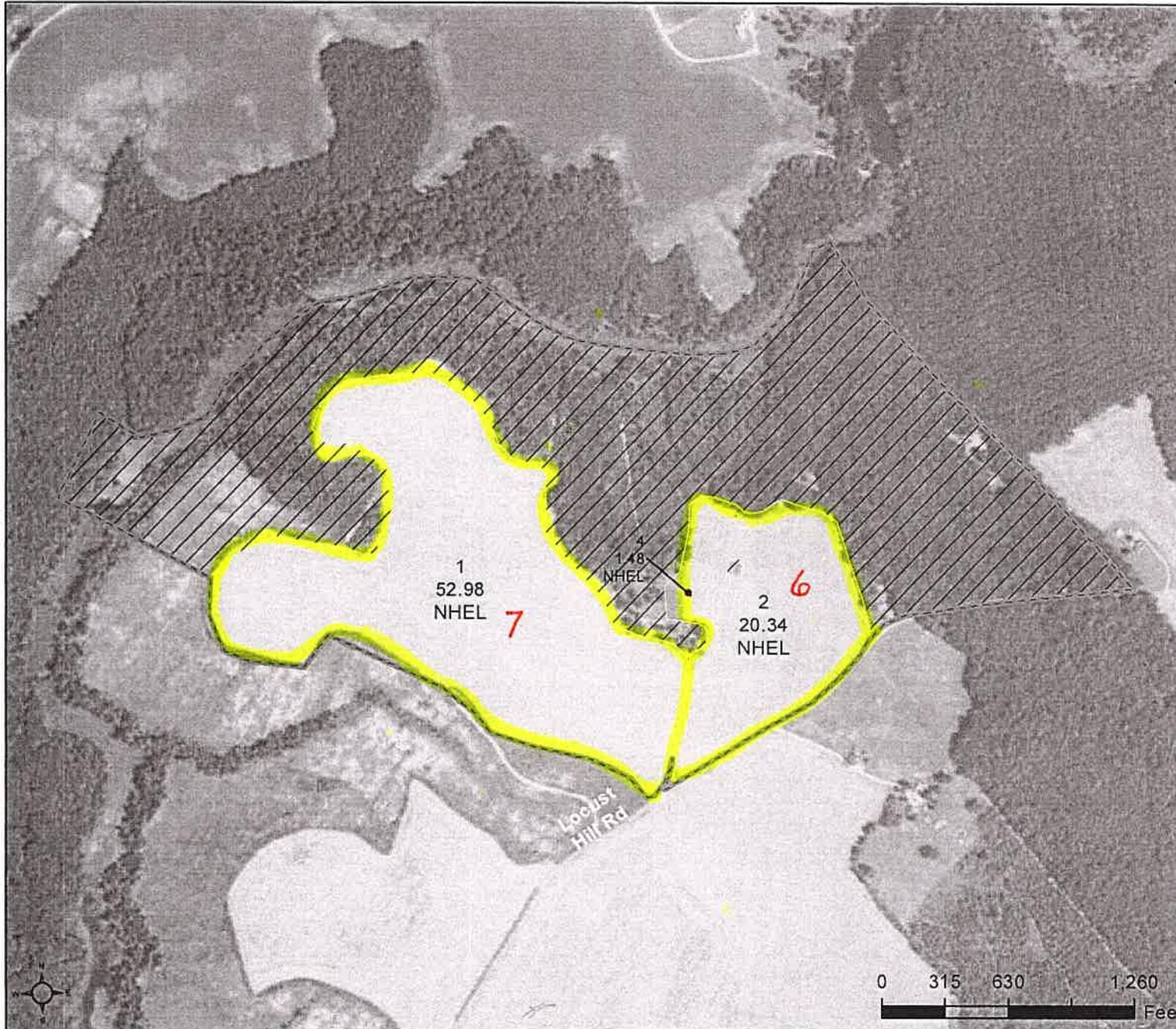
- Restricted Use
- ▽ Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 175.65 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 3145

Tract 2619



2019 Program Year

Map Created June 05, 2019

Common Land Unit

- Non-Cropland
- Cropland
- rcl_va033
- Tract Boundary

Wetland Determination Identifiers

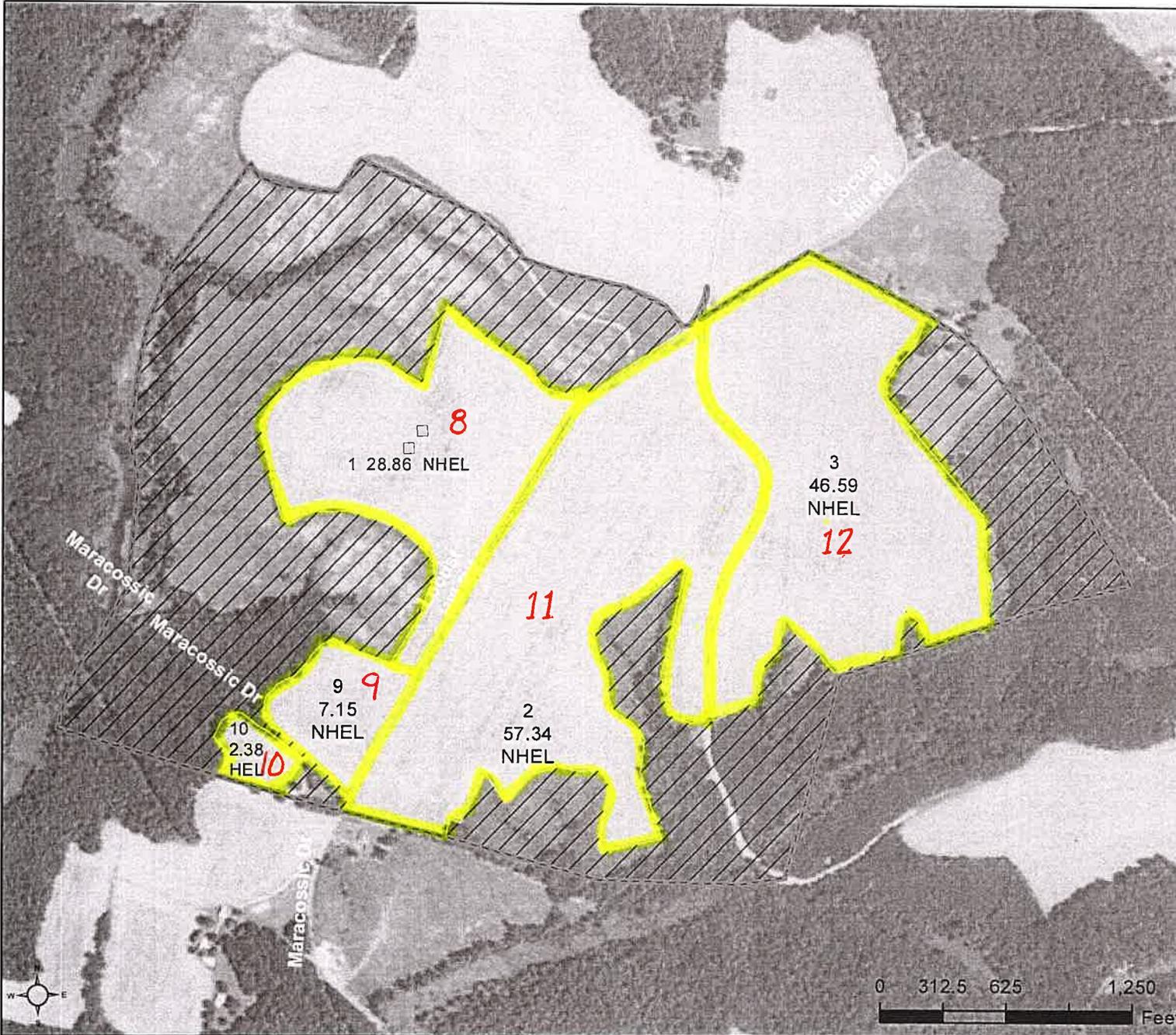
- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 74.80 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 3145

Tract 3601



2019 Program Year

Map Created June 05, 2019

Common Land Unit

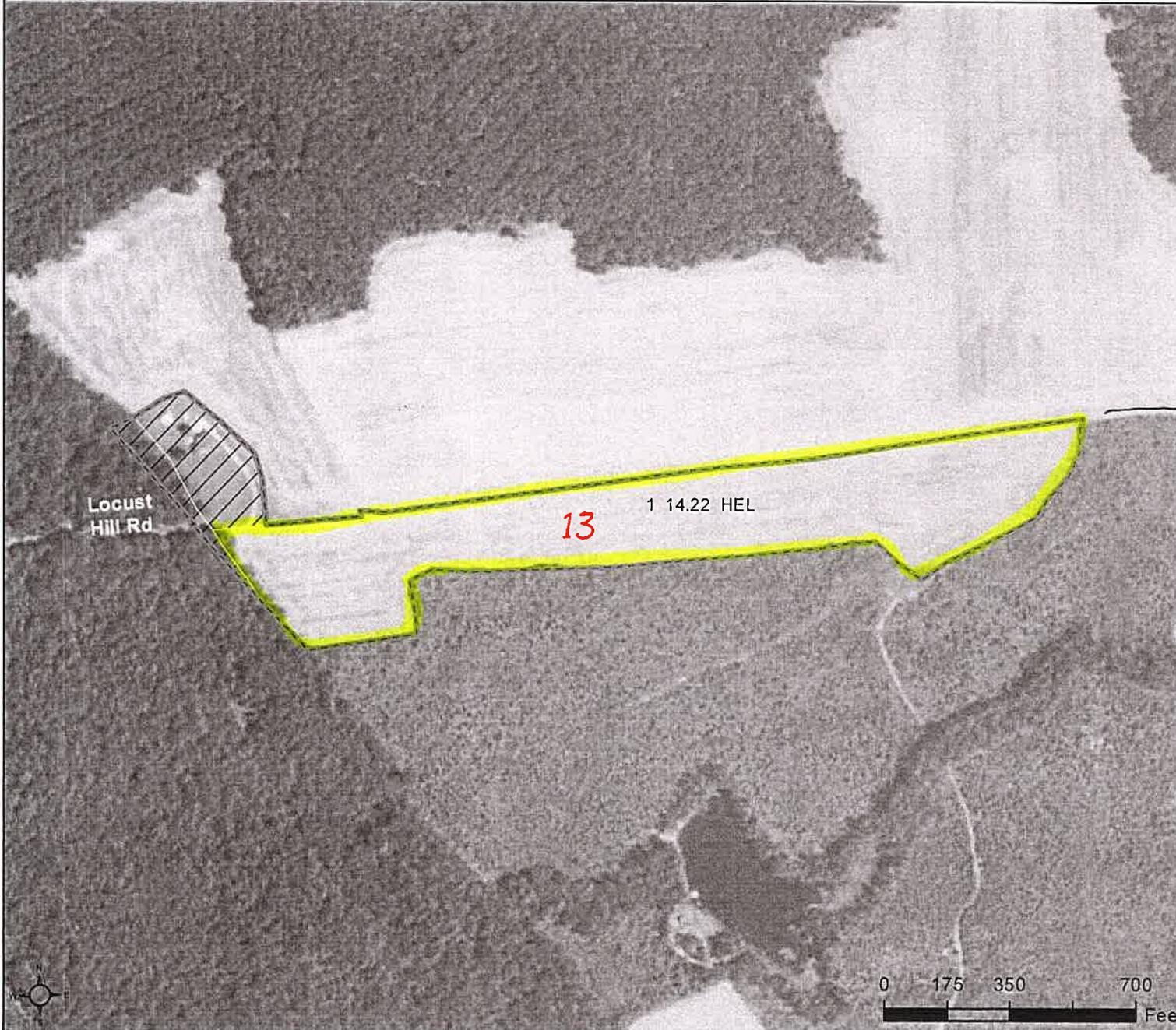
- /// Non-Cropland
- Cropland
- rcl_l_va033
- Tract Boundary

Wetland Determination Identifiers

- Restricted Use
- ▽ Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 142.32 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 3115

Tract 2754

Kirby

2019 Program Year

Map Created June 05, 2019

Common Land Unit

- Non-Cropland
- Cropland
- rcl_va033
- Tract Boundary

Wetland Determination Identifiers

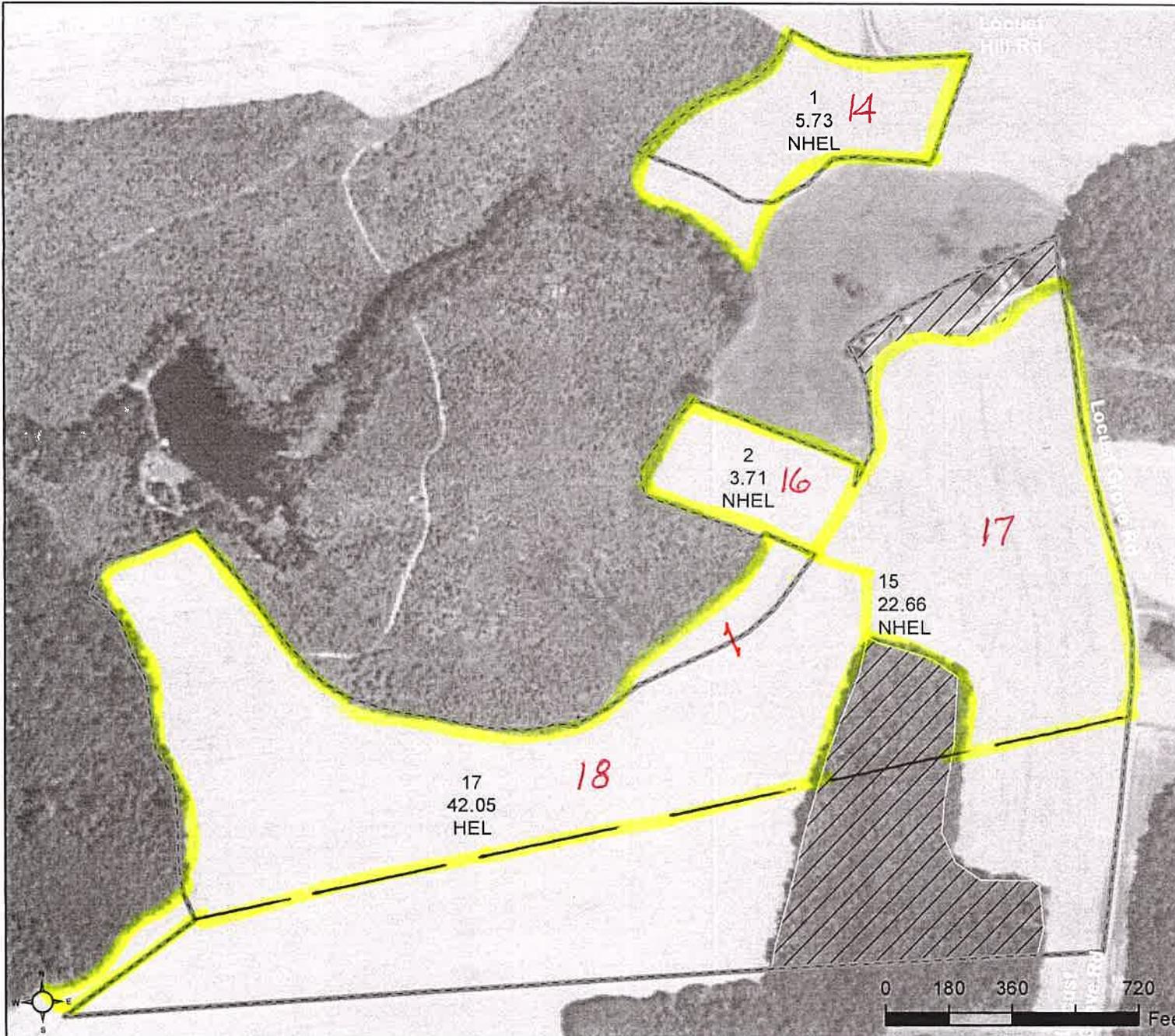
- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 14.22 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 3115

Tract 3561



2019 Program Year

Map Created June 05, 2019

Common Land Unit

- ▨ Non-Cropland
- ▨ Cropland
- rcl_I_va033
- ▭ Tract Boundary

Wetland Determination Identifiers

- Restricted Use
- ▽ Limited Restrictions
- ▨ Exempt from Conservation Compliance Provisions

Tract Cropland Total: 74.15 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 3115

Tract 3244



2019 Program Year

Map Created June 05, 2019

Common Land Unit

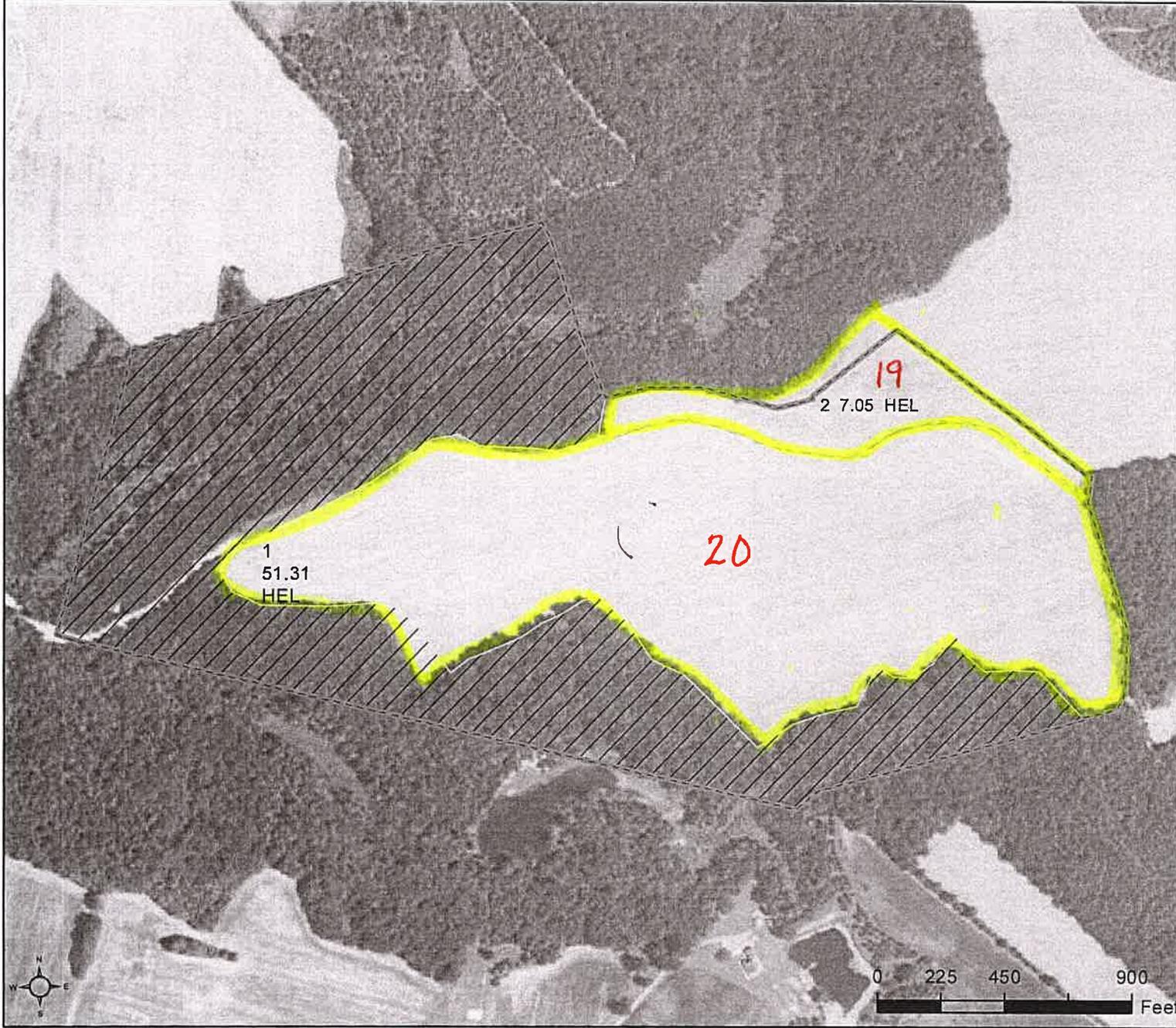
-  Non-Cropland
-  Cropland
-  rcl_va033
-  Tract Boundary

Wetland Determination Identifiers

-  Restricted Use
-  Limited Restrictions
-  Exempt from Conservation Compliance Provisions

Tract Cropland Total: 6.28 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 3145

Tract 253

2019 Program Year

Map Created June 05, 2019

Common Land Unit

-  Non-Cropland
-  Cropland
-  Tract Boundary

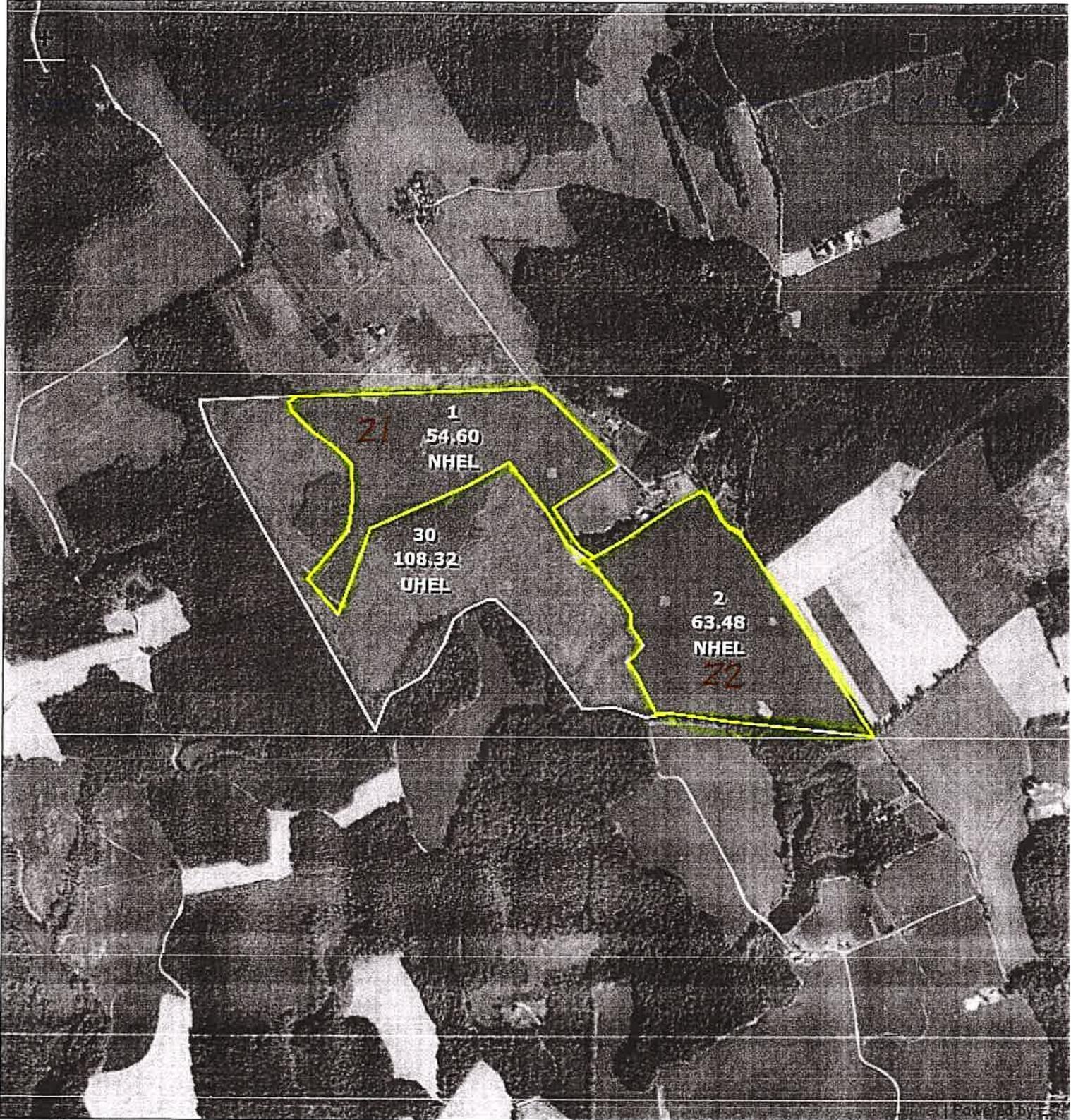
Wetland Determination Identifiers

-  Restricted Use
-  Limited Restrictions
-  Exempt from Conservation Compliance Provisions

Tract Cropland Total: 58.36 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).

USDA Essex County, Virginia



Common Land Unit
 Cropland Non-cropland CRP

Wetland Determination Identifiers

- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions

2019 Crop Year



Tract 1 of 3

Farm 3062
Tract 2450

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).



Essex County, Virginia

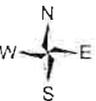


Common Land Unit
 Cropland Non-cropland CRP

Wetland Determination Identifiers

- Restricted Use
- Limited Restrictions
- ☒ Exempt from Conservation Compliance Provisions

2019 Crop Year



Tract 3 of 3

Farm 3062
Tract 2452

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-025 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).



Common Land Unit
 Cropland Non-cropland CRP

2019 Crop Year

Farm 3063
Tract 2453

Wetland Determination Identifiers

- Restricted Use
- Limited Restrictions
- Exempt from Conservation Compliance Provisions



Tract 1 of 2

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).



Common Land Unit
 Cropland Non-cropland CRP

Wetland Determination Identifiers
 ● Restricted Use
 ○ Limited Restrictions
 ■ Exempt from Conservation Compliance Provisions

2019 Crop Year

Farm 3062
Tract 2451



Tract 2 of 3

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).



Common Land Unit
 Cropland Non-cropland CRP

2019 Crop Year

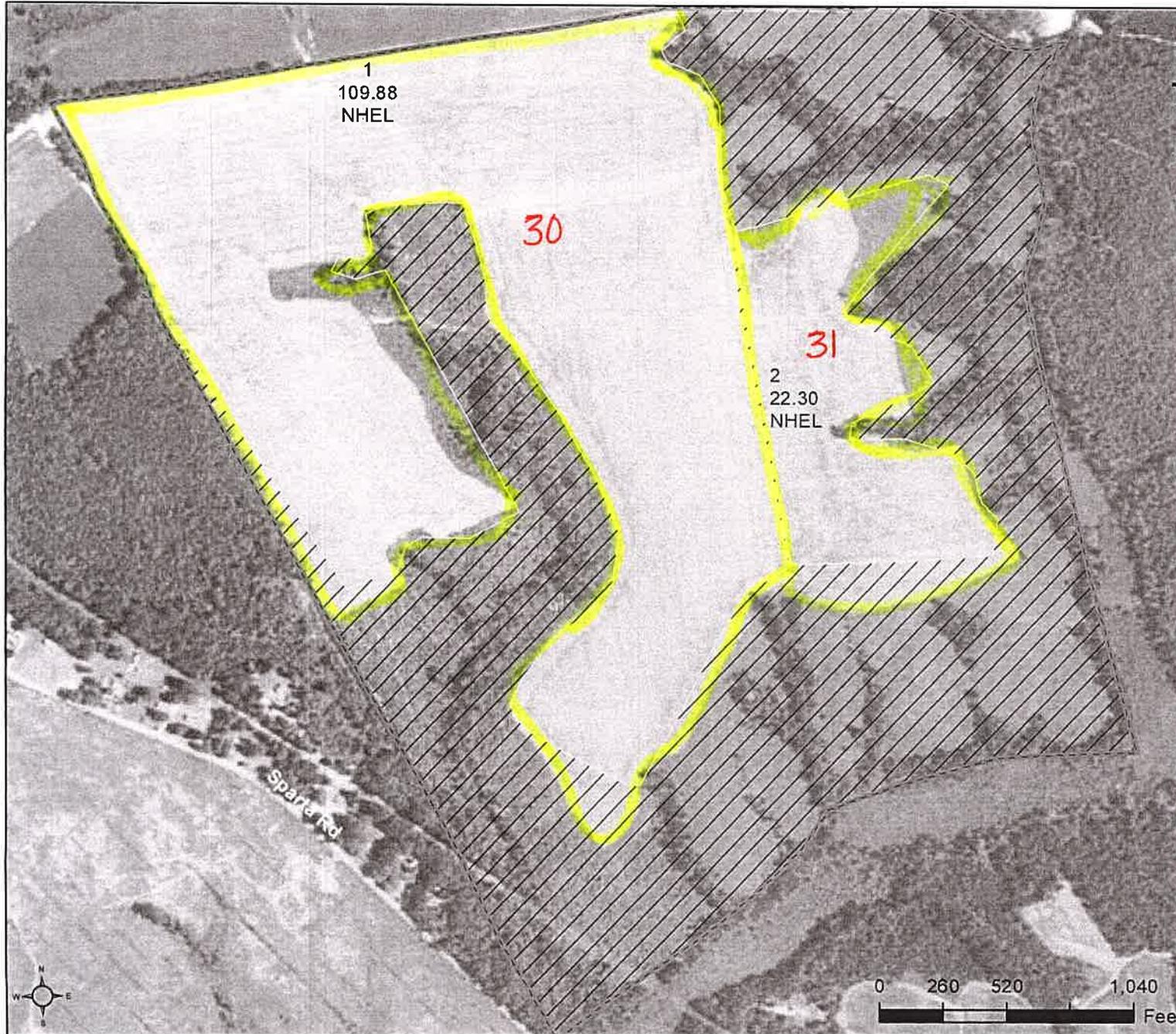
Farm 3063
Tract 2454

Wetland Determination Identifiers
 ● Restricted Use
 ◻ Limited Restrictions
 ◼ Exempt from Conservation Compliance Provisions



Tract 2 of 2

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 2996
Tract 3340

2019 Program Year
 Map Created June 05, 2019

Common Land Unit
 / / Non-Cropland
 Cropland
 rcl_l_va033
 Tract Boundary

Wetland Determination Identifiers
 ● Restricted Use
 ▽ Limited Restrictions
 □ Exempt from Conservation Compliance Provisions

Tract Cropland Total: 132.18 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 3115

Tract 3094



2019 Program Year

Map Created June 05, 2019

Common Land Unit

-  Non-Cropland
-  Cropland
-  rcl_va033
-  Tract Boundary

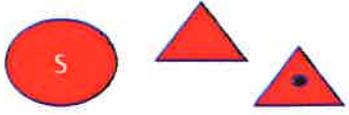
Wetland Determination Identifiers

-  Restricted Use
-  Limited Restrictions
-  Exempt from Conservation Compliance Provisions

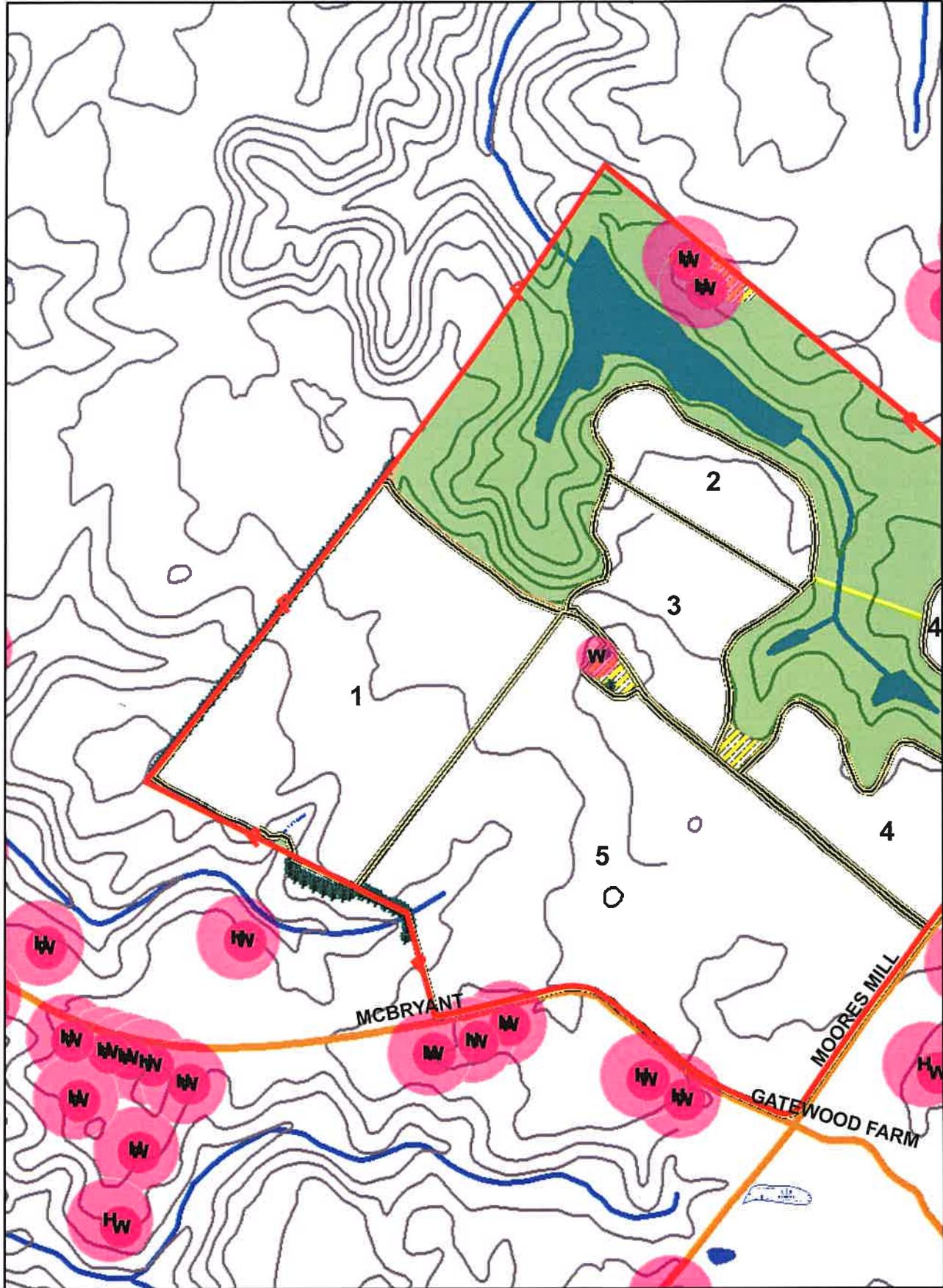
Tract Cropland Total: 74.36 acres

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).

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.

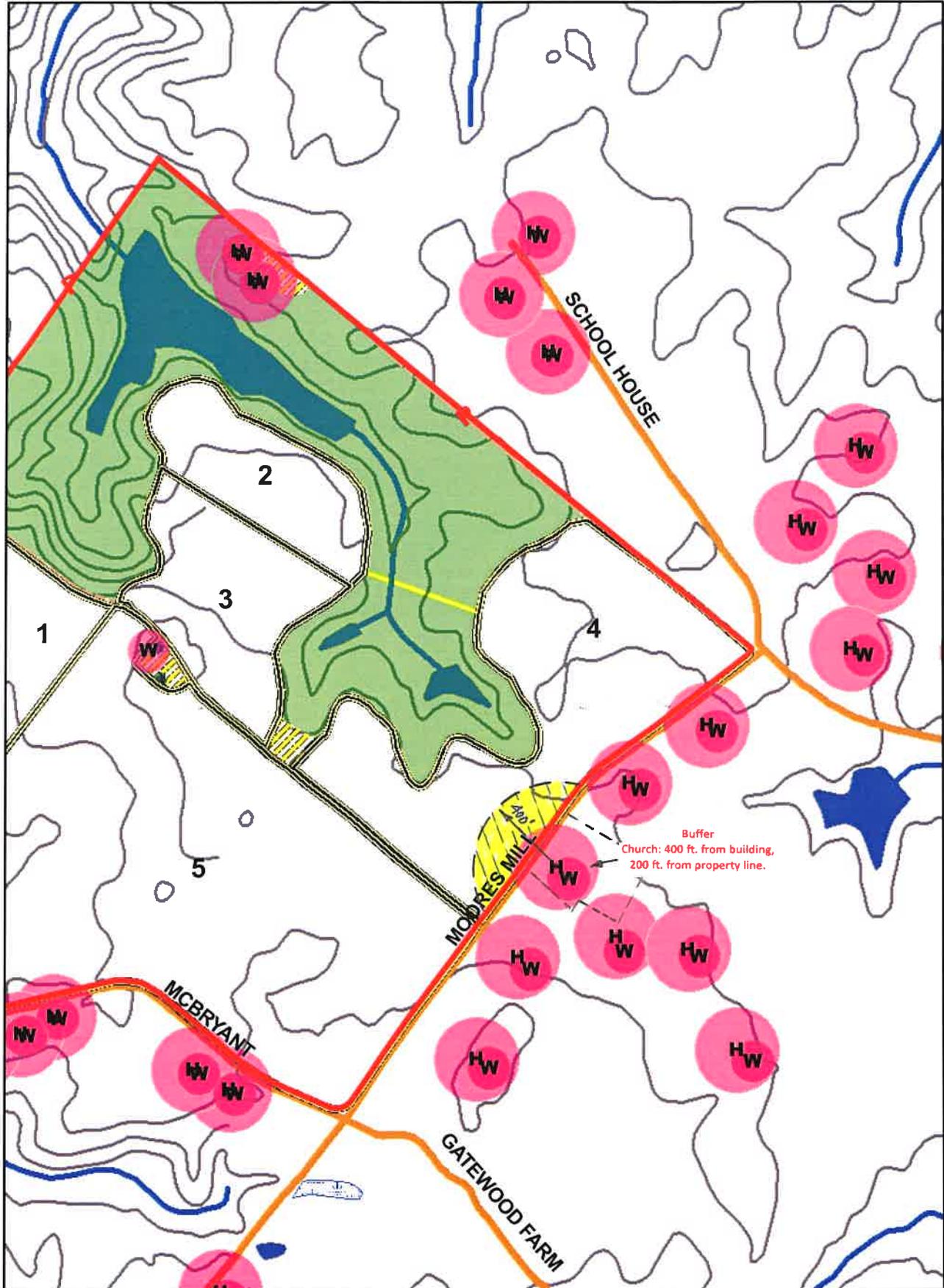


SITE PLAN

8-28-19

1 in = 660 feet

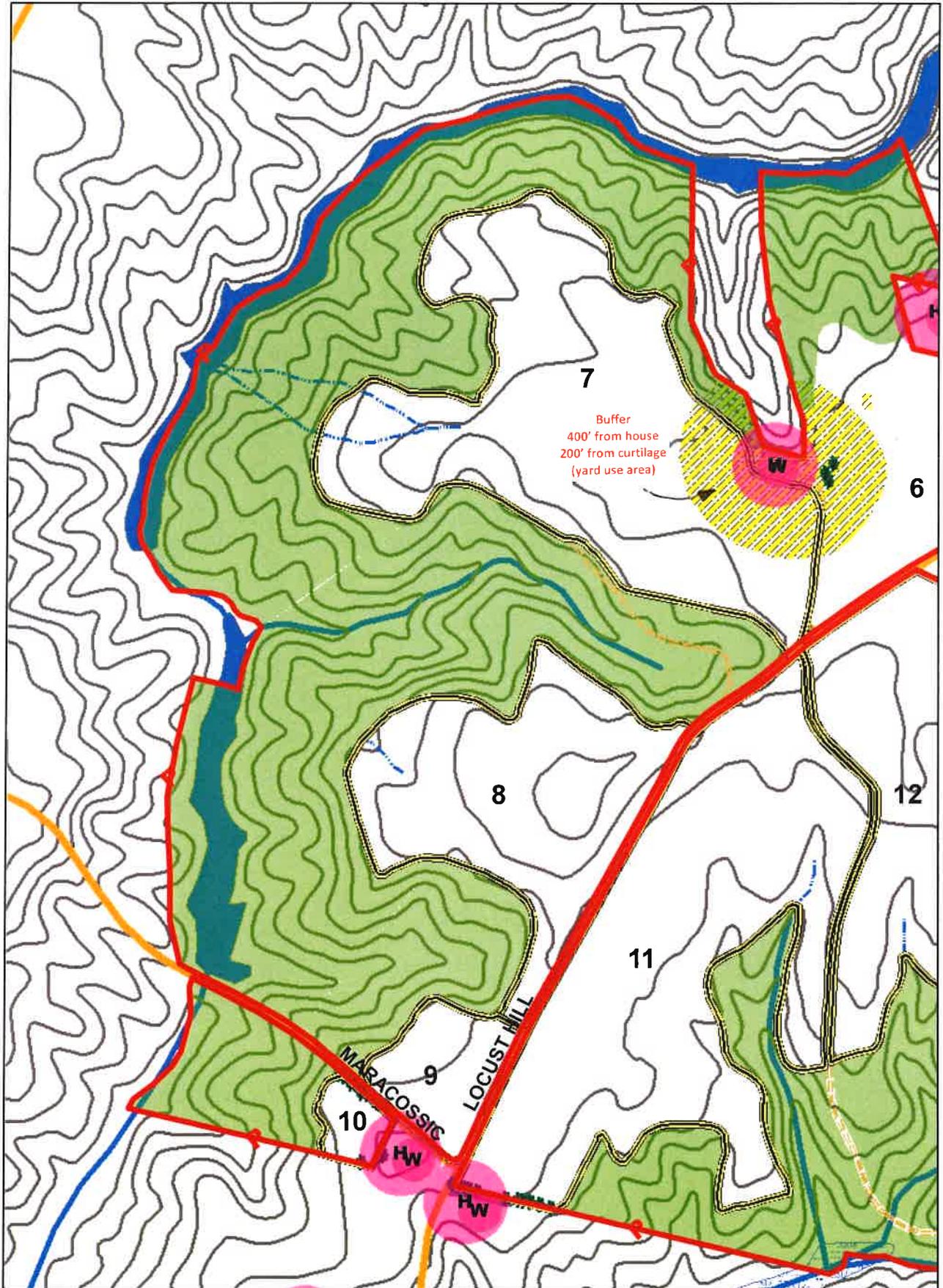




8-28-19

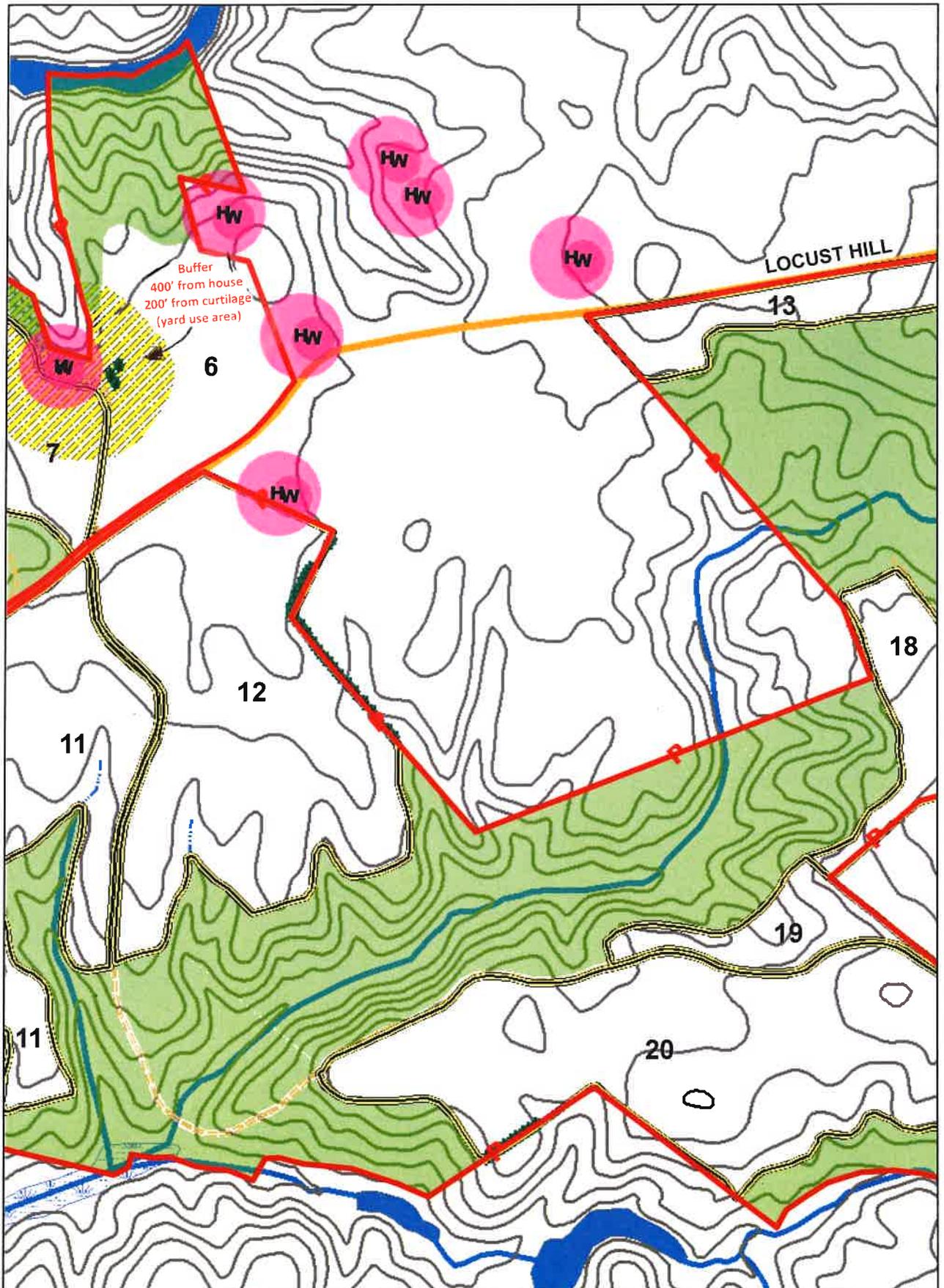
SITE PLAN

1 in = 660 feet



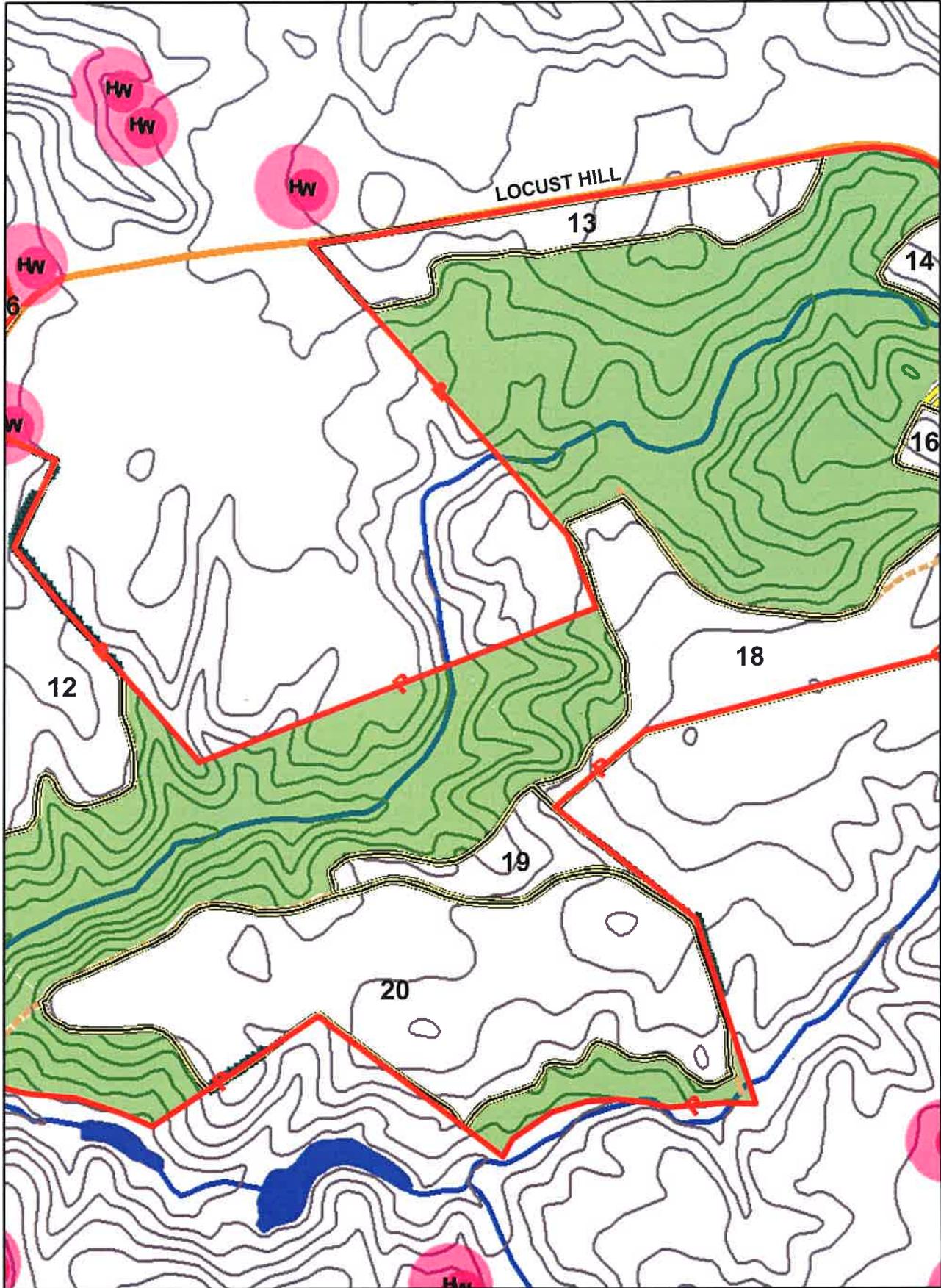
SITE PLAN

1 in = 660 feet



SITE PLAN

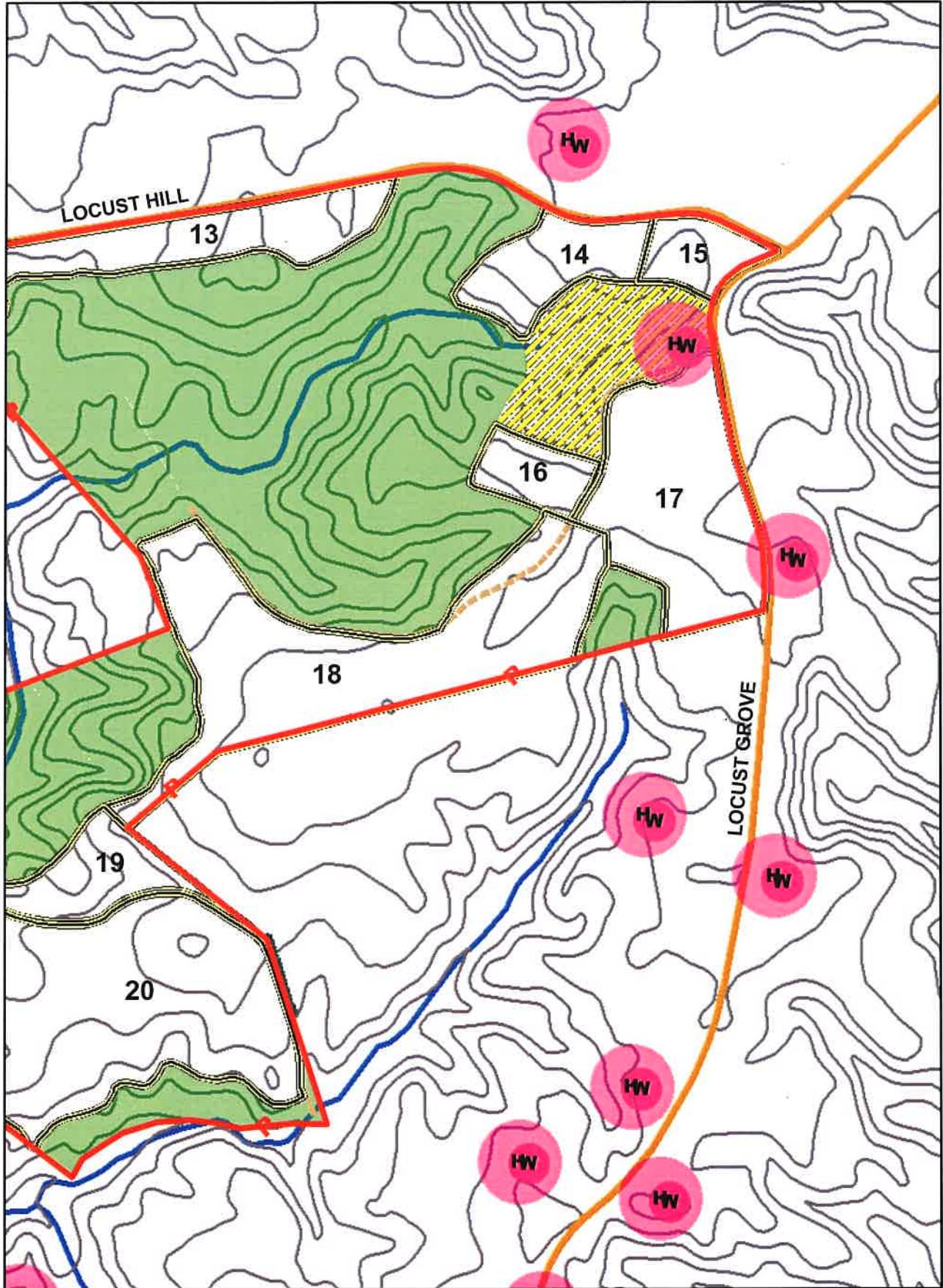
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8-28-19

SITE PLAN

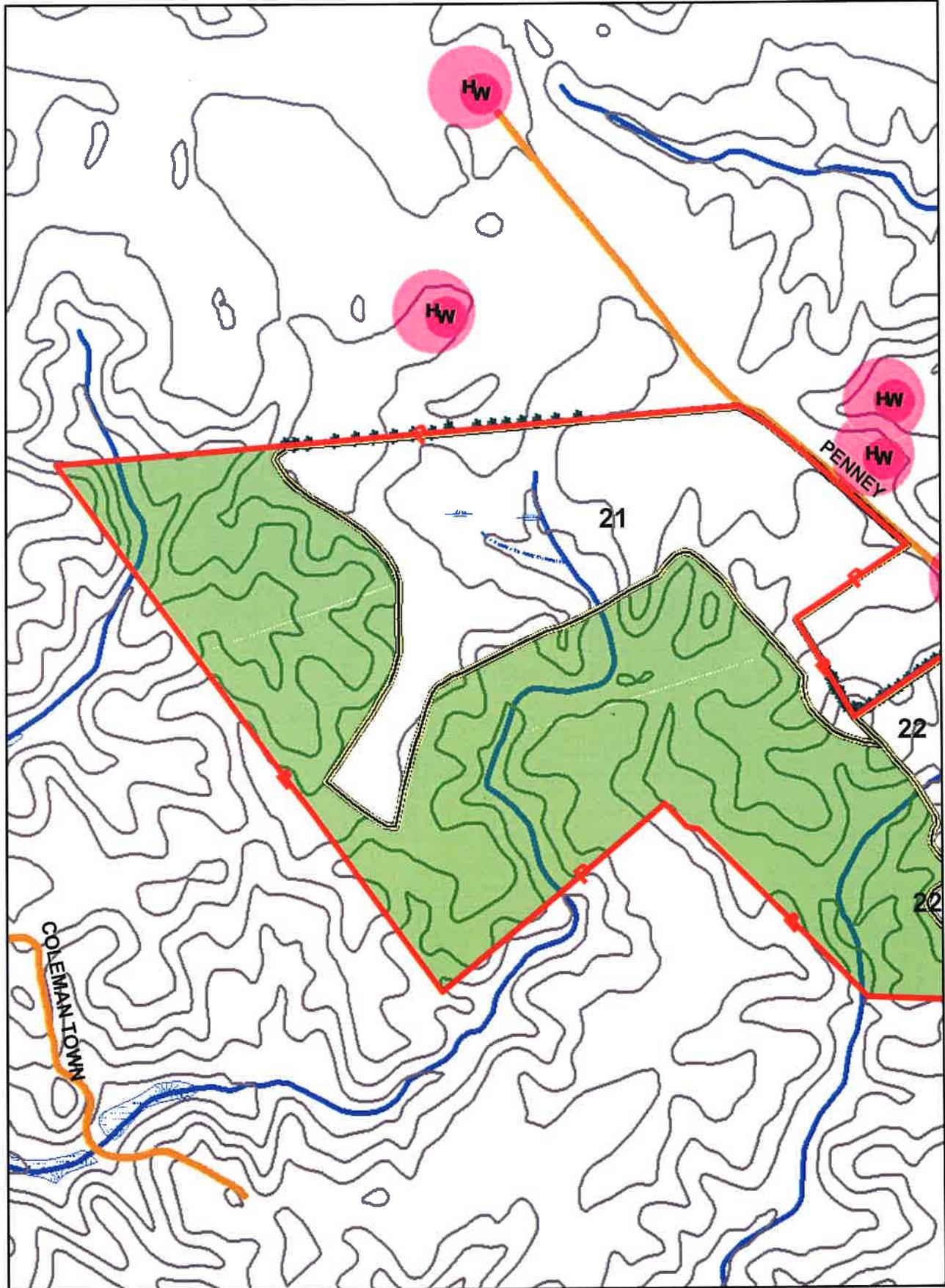
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8-28-19

SITE PLAN

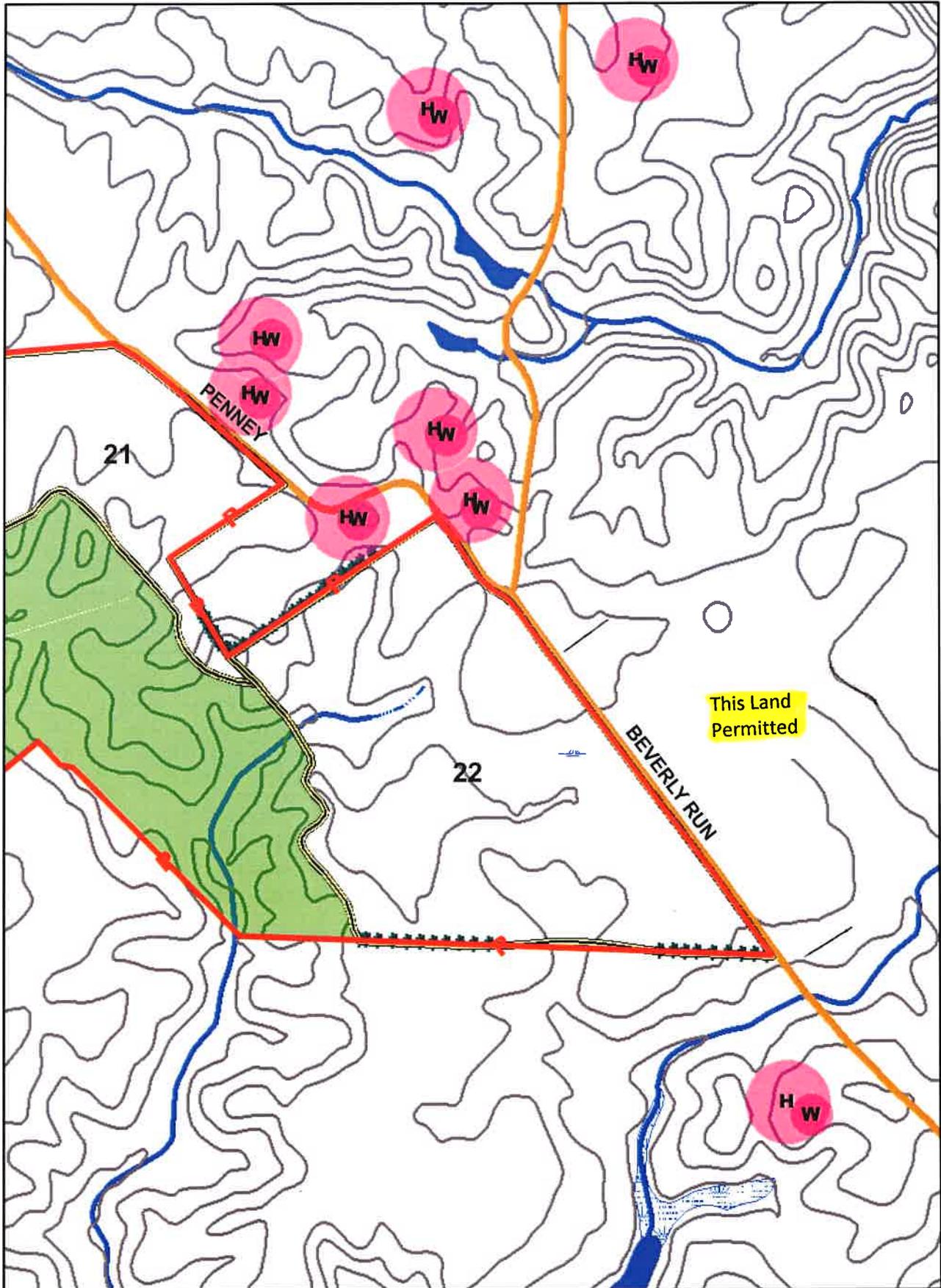
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8-28-19

SITE PLAN

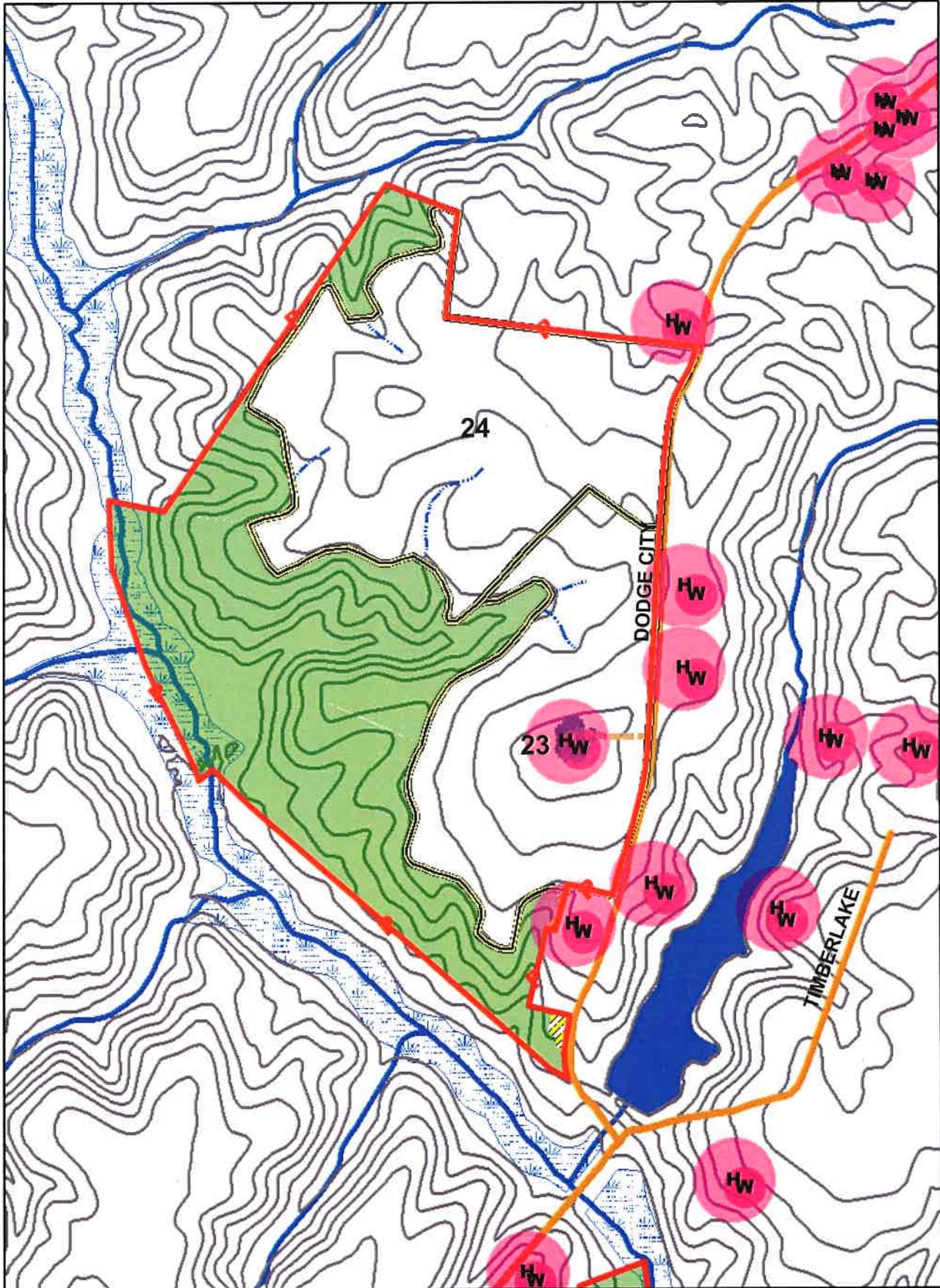
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8-28-19

SITE PLAN

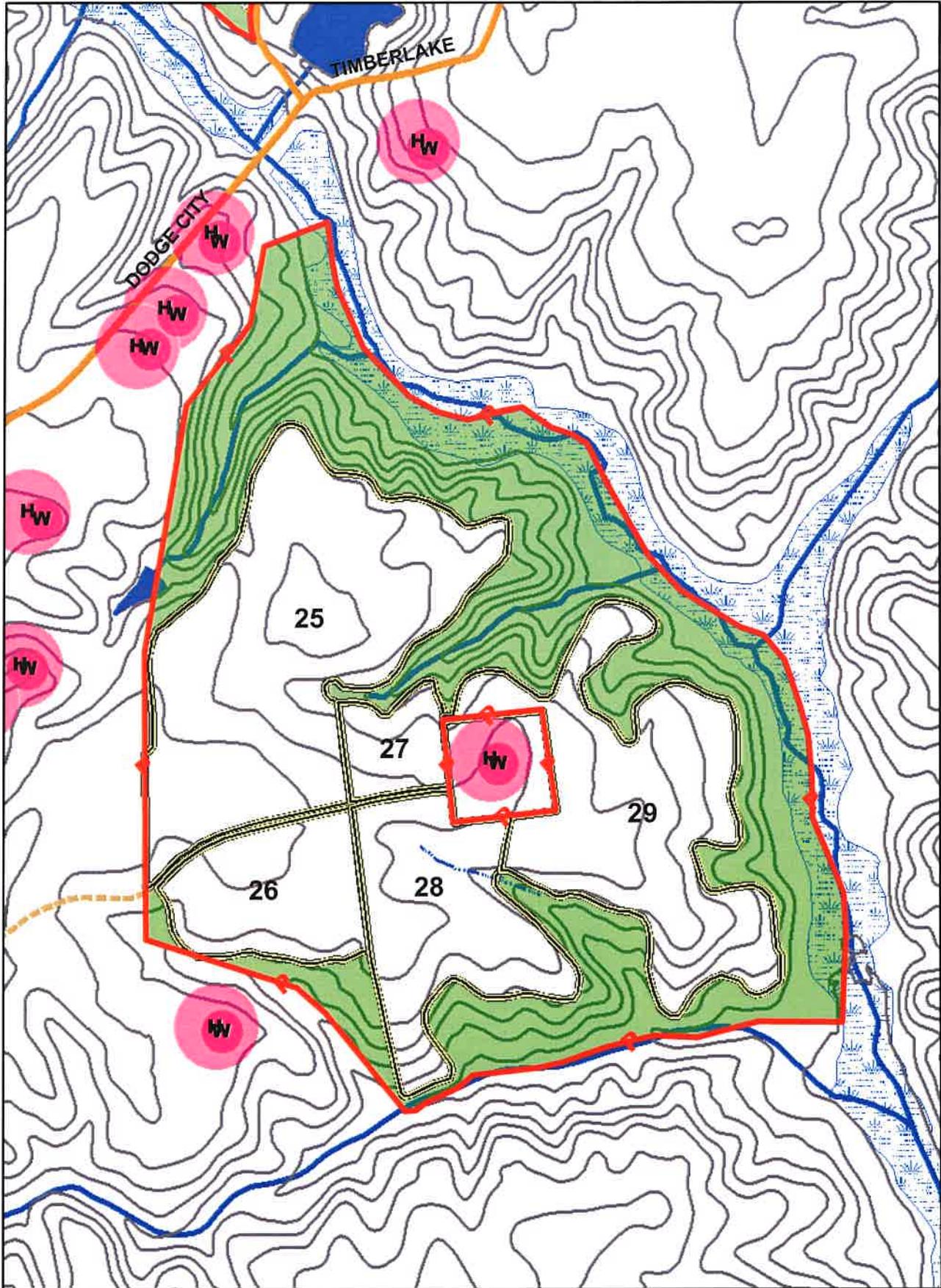
1 in = 660 feet



8-28-19

SITE PLAN

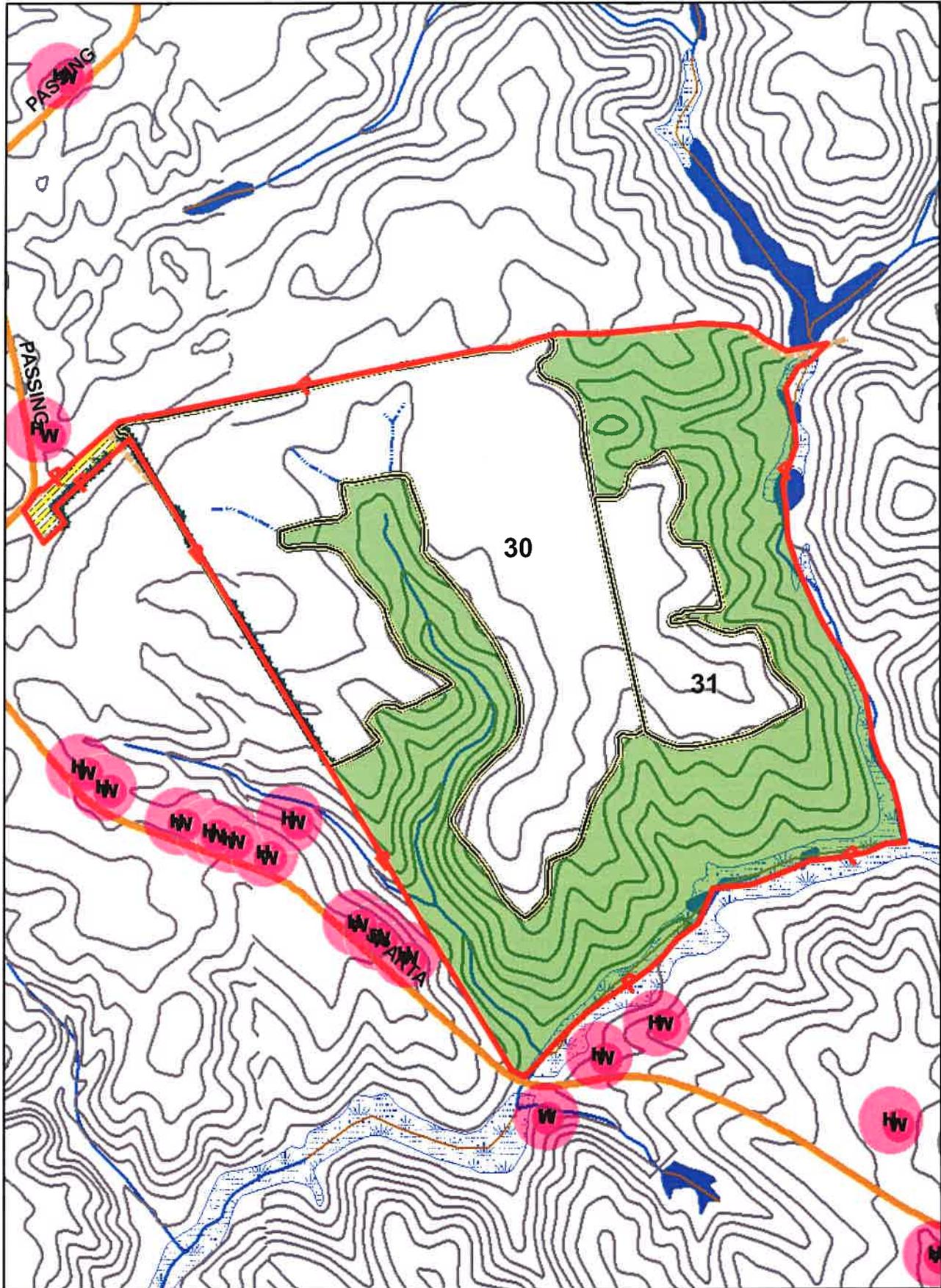
1 in = 660 feet



8-28-19

SITE PLAN

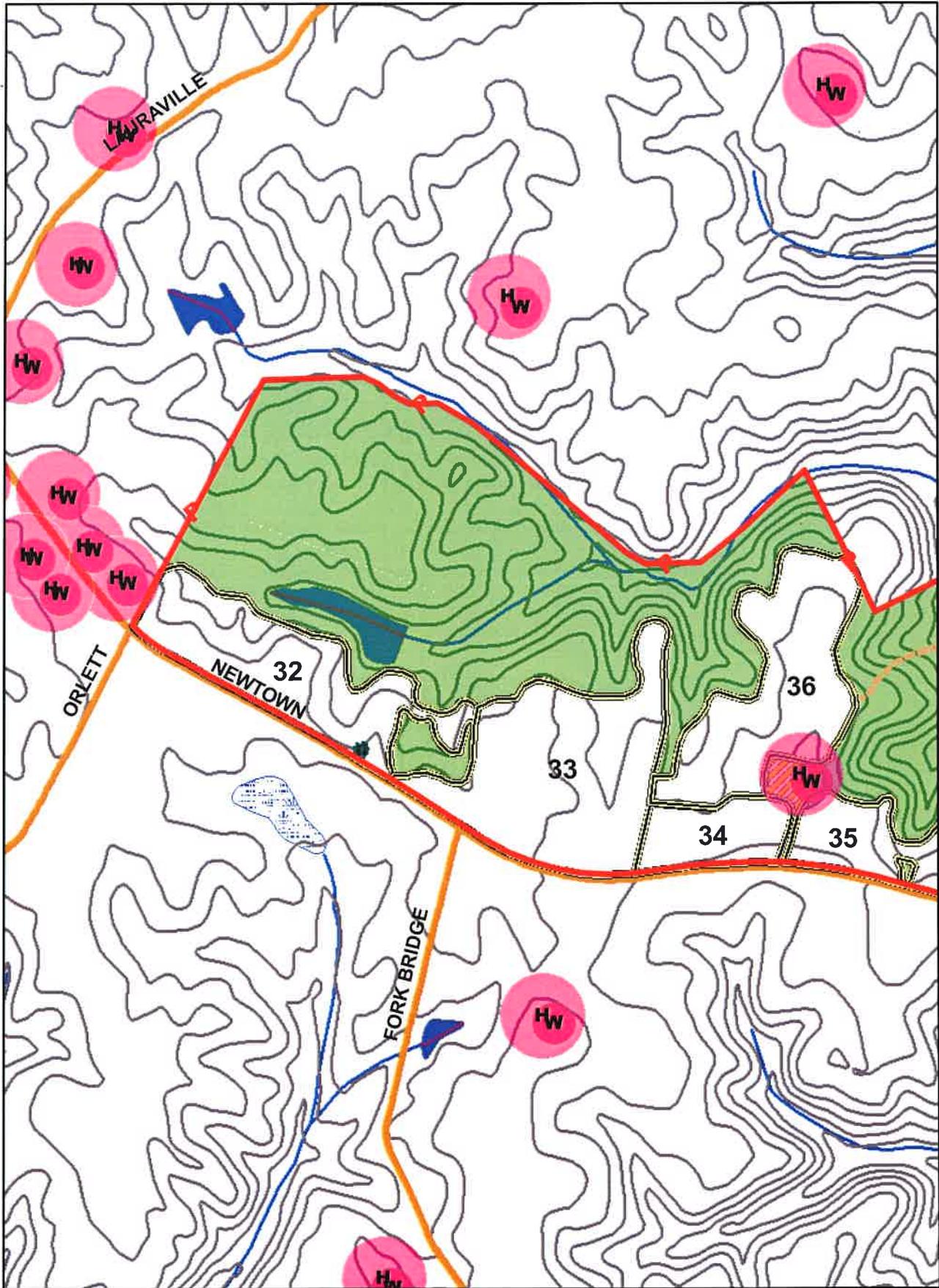
1 in = 660 feet



8-28-19

SITE PLAN

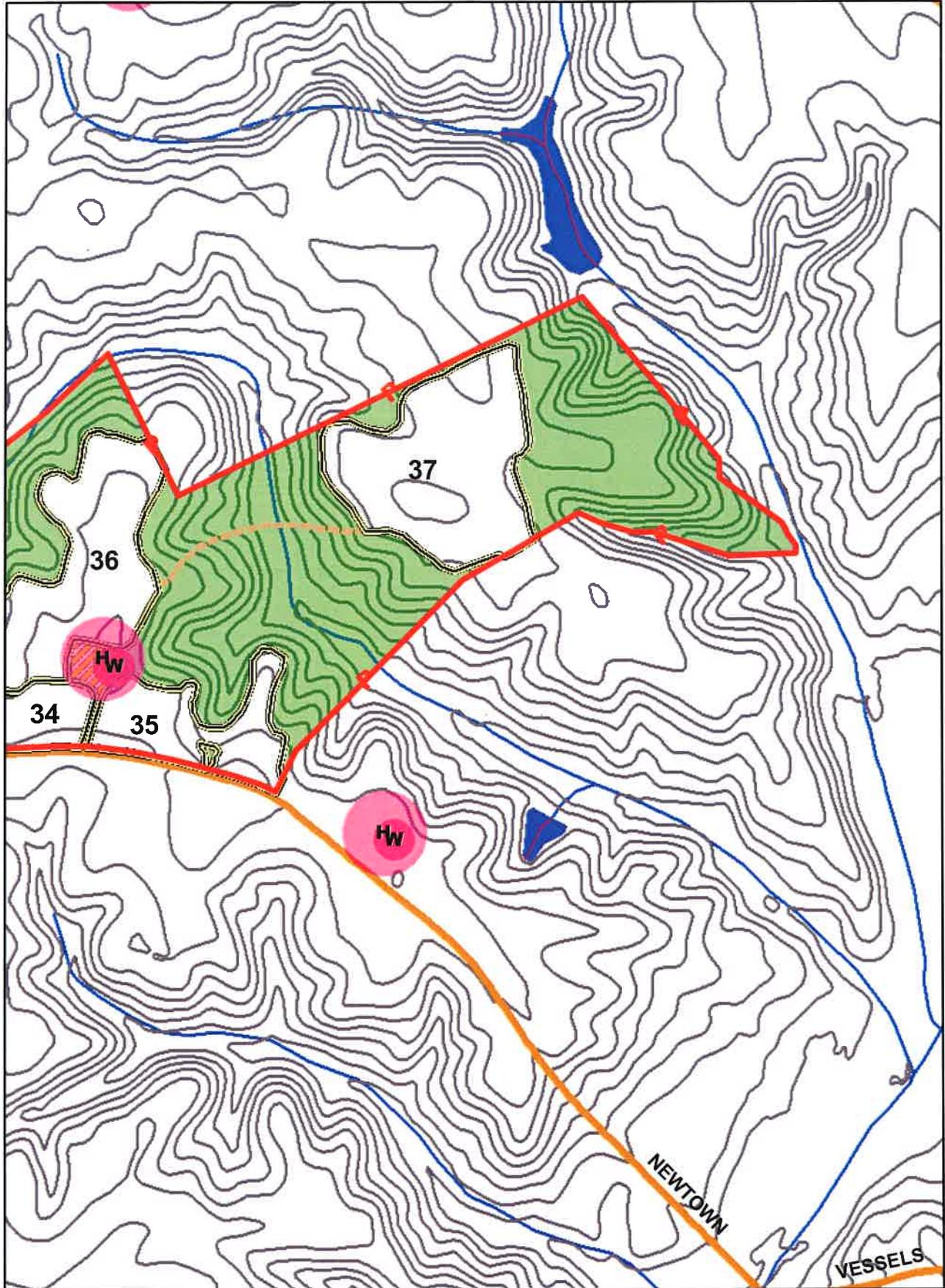
1 in = 833 feet



8-28-19

SITE PLAN

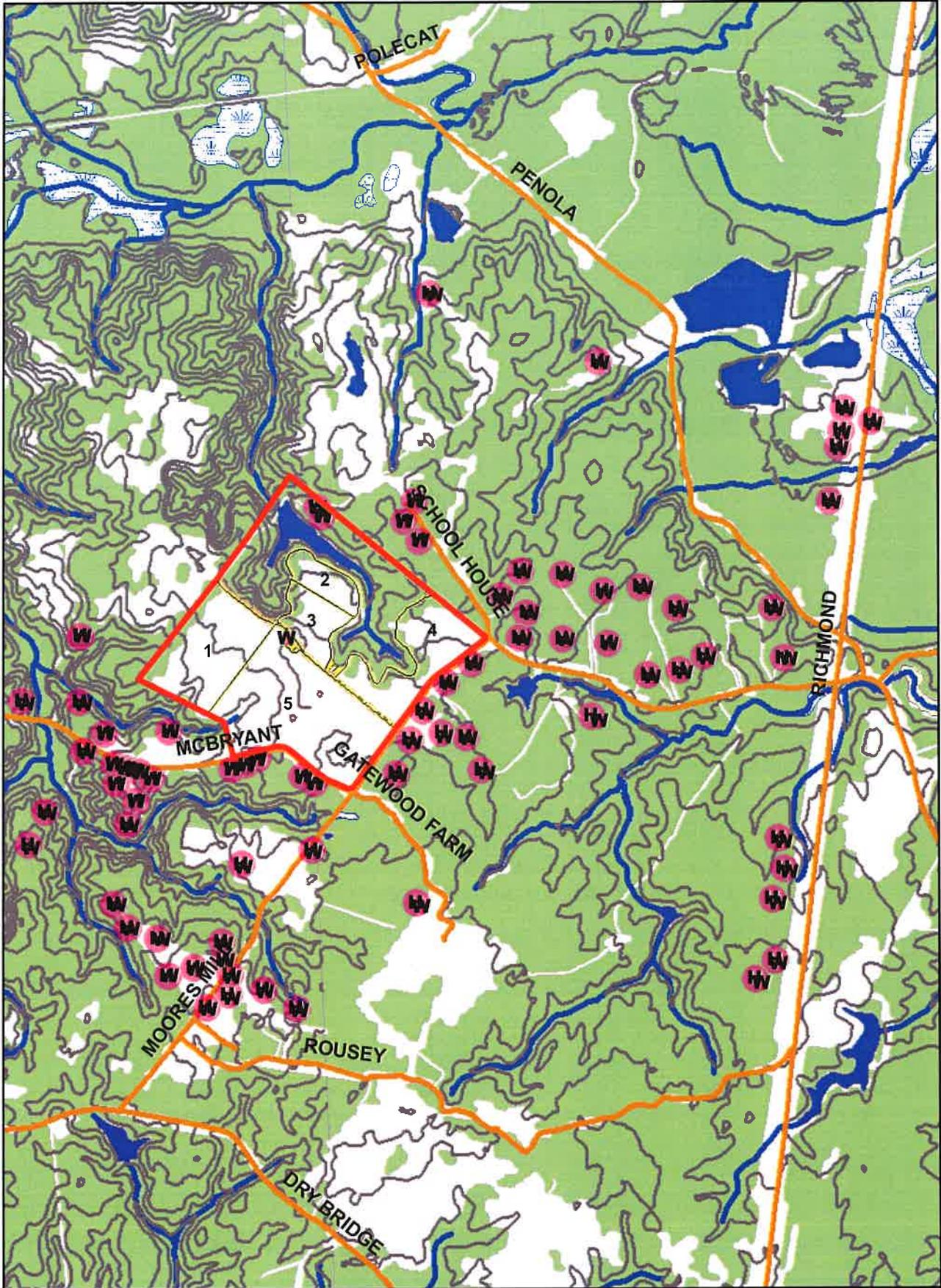
1 in = 660 feet



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SITE PLAN

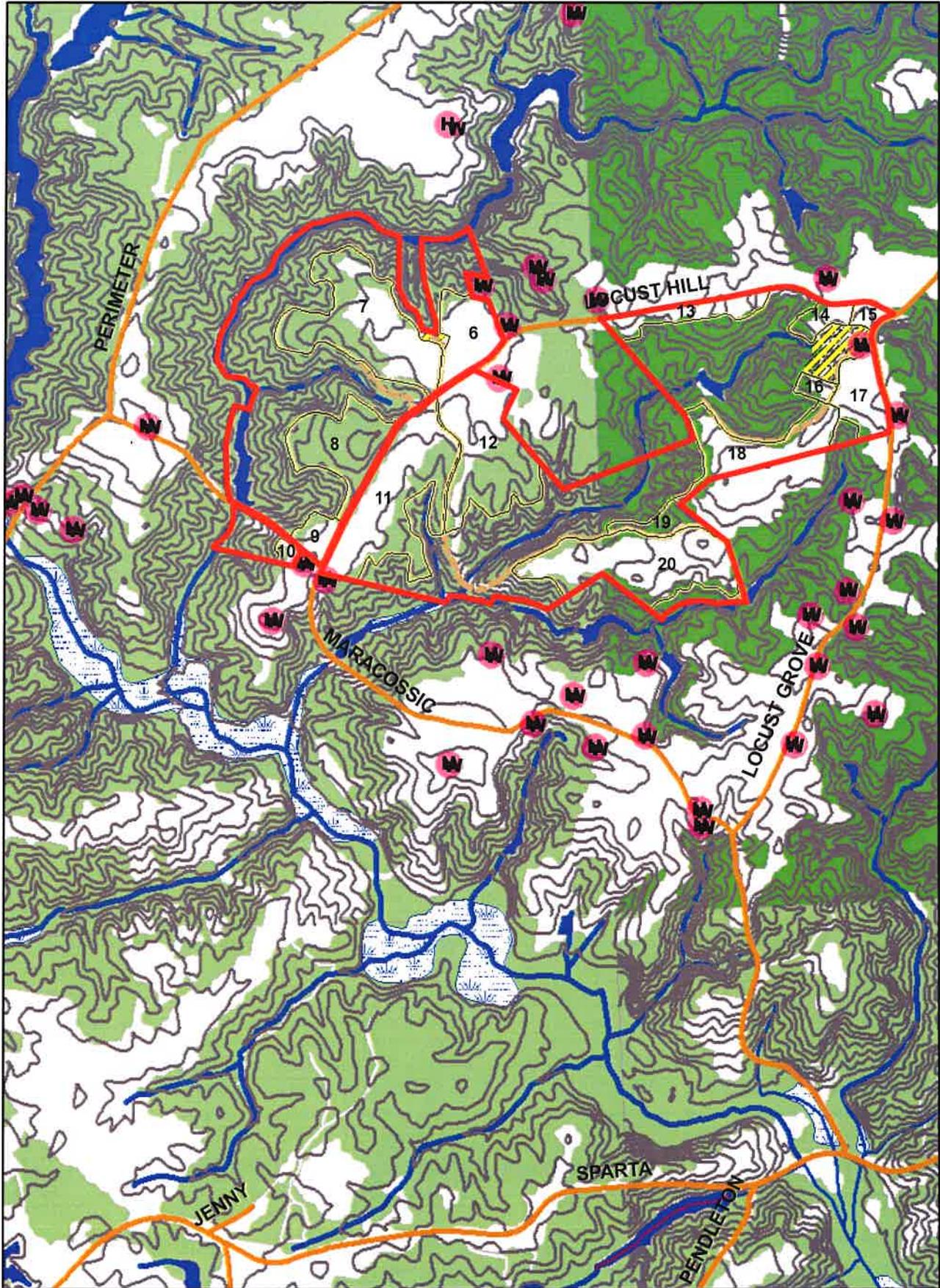
1 in = 660 feet



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TOPOGRAPHIC MAP

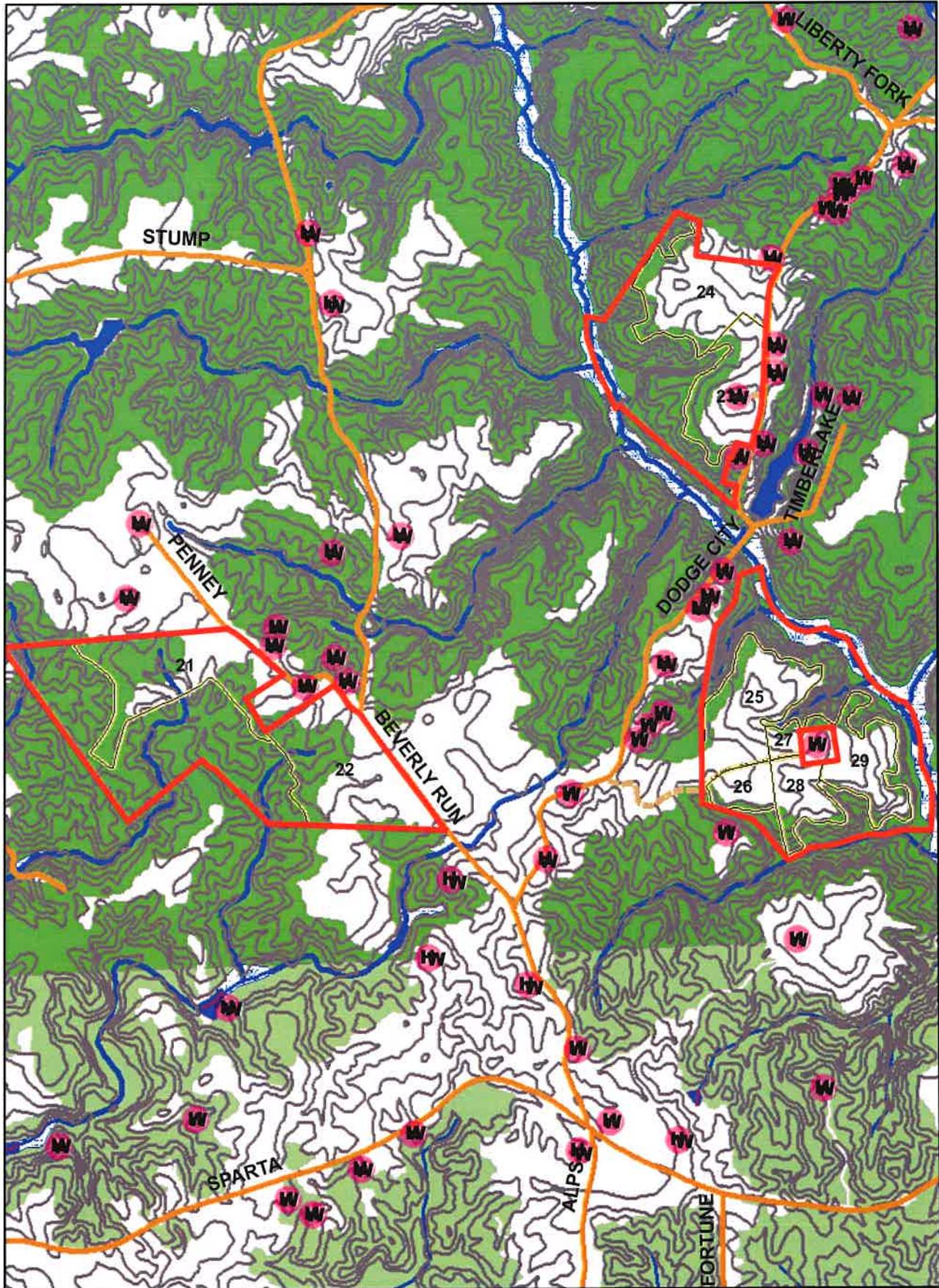
1 in = 2,000 feet



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TOPOGRAPHIC MAP

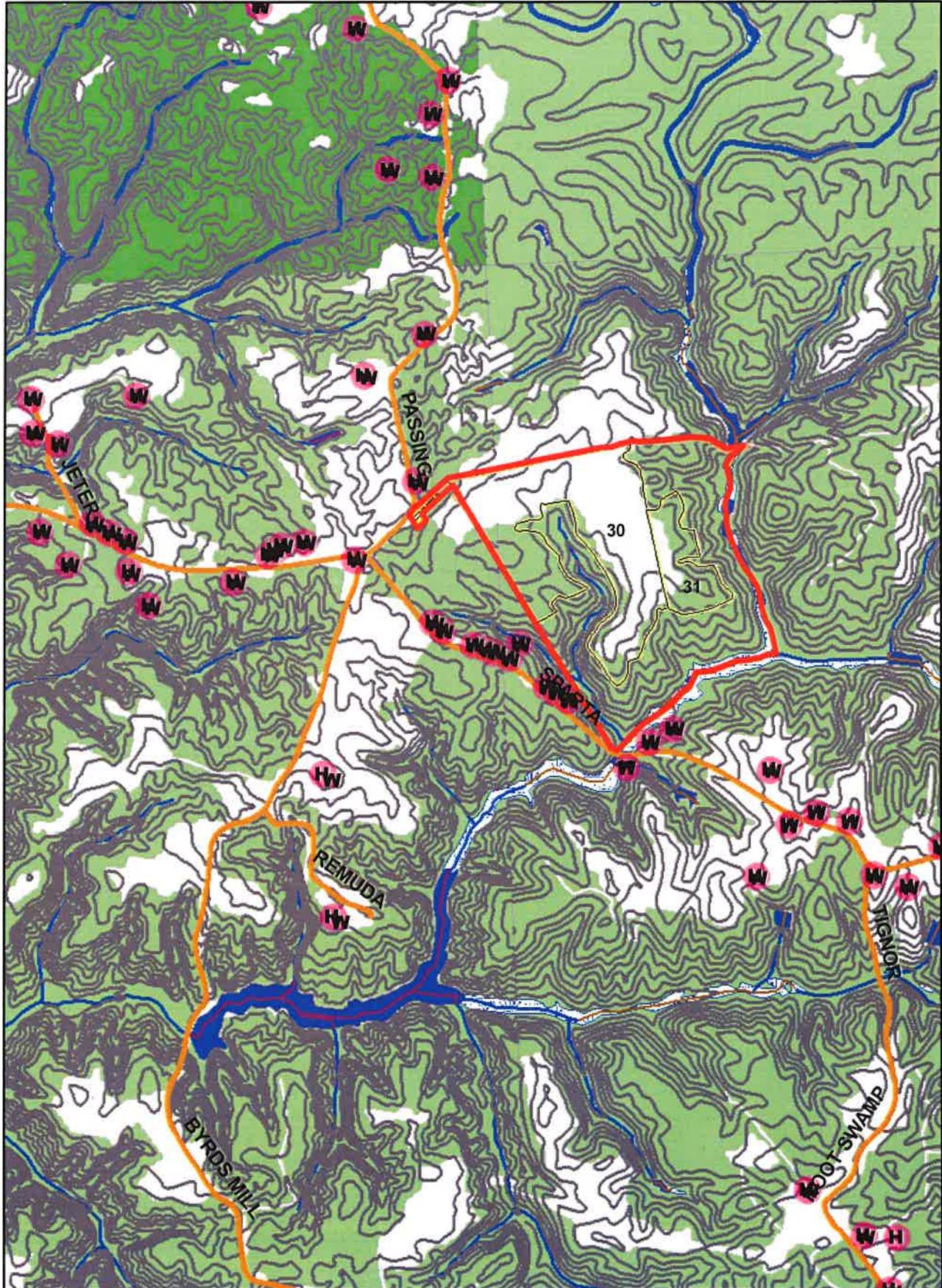
1 in = 2,000 feet



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TOPOGRAPHIC MAP

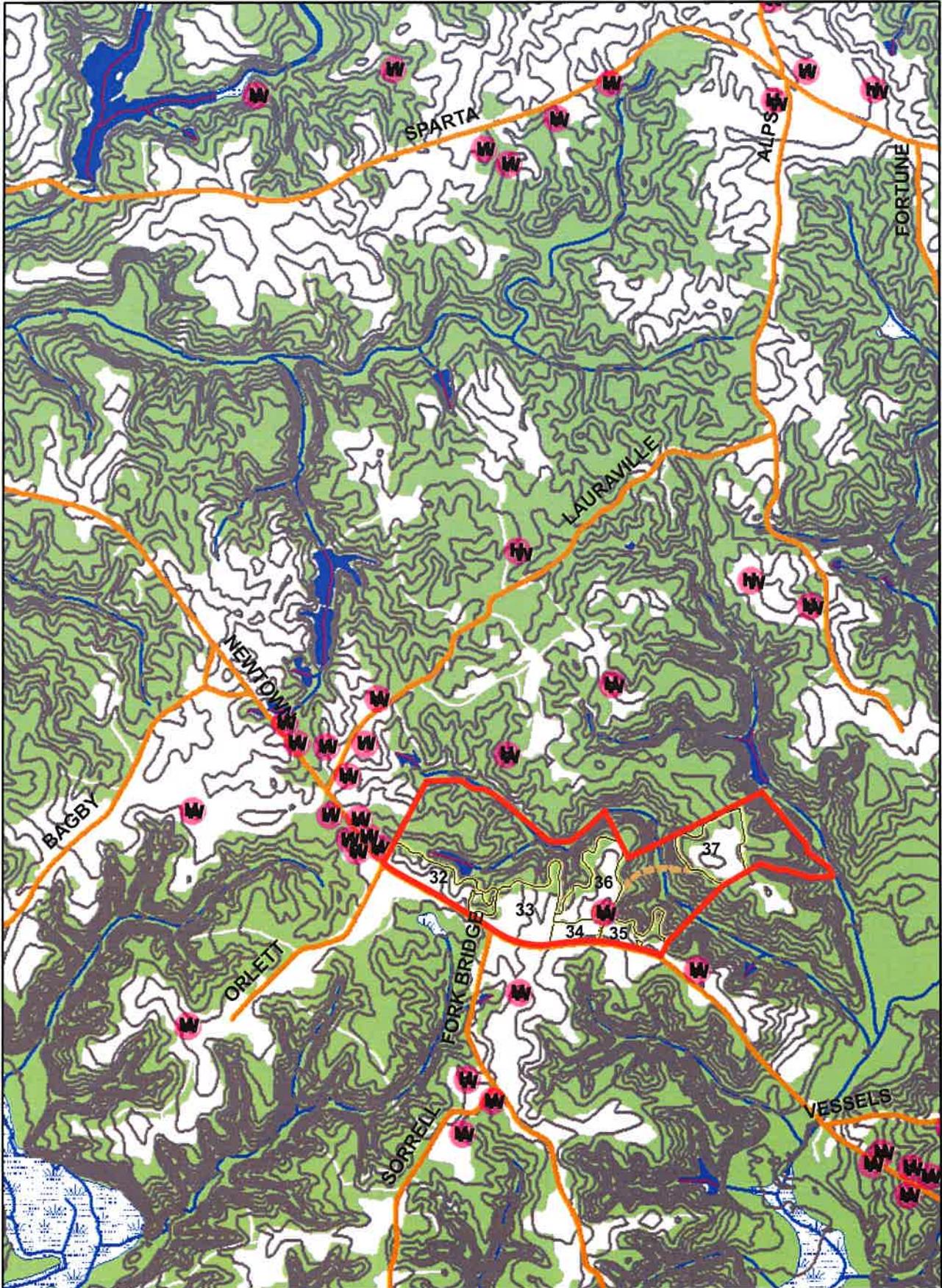
1 in = 2,000 feet



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TOPOGRAPHIC MAP

1 in = 2,000 feet



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TOPOGRAPHIC MAP

1 in = 2,000 feet