

LAND APPLICATION SITE

ROBERT R. SOUTH

KQRRS 1 - 5

KING & QUEEN 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 3-13-18 between Robert Russell South III Trustee 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 King & Queen Co., Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
<u>1624-31L-8, 12</u>			

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

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

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

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

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

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

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

Robert Russell South III Trustee Robert Russell South III Trustee 19417 The Trail
 Landowner - Printed Name, Title Signature Mailing Address & Phone Number
Little Plymouth, Va. 23091

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.

I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

[Signature] [Signature] PO Box 562 Remington, Virginia 22734
 Permittee - Authorized Representative Signature Mailing Address
 Printed Name

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

Permittee: Recyc Systems, Inc County or City: King & Queen Co.
Landowner: Robert Russell South III Trustee

Landowner Site Management Requirements:

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

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

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

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

Following biosolids application to pasture or hayland sites:

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

Robert Russell South III Trustee
Landowner's Signature

3-13-18
Date

T. O. Longuet Jr
Farm Operator Signature

Mailing Address & Phone Number

Robert Russell South III Trustee
Landowner as shown on Deed

Power, Capacity and Authority. Such Party has the right, power, legal capacity, and authority to execute and enter into this Agreement and to execute all other documents and perform all other acts as may be necessary in connection with the performance of this Agreement.

Robert Russell South III Trustee
Signature

Robert Russell South III
Printed Name of Signer

3-13-18
Date

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

Permittee: Recyc Systems, Inc County or City: King & Queen Co.

Landowner: Laverne S. Longest Trustee

Landowner Site Management Requirements:

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

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

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

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

Laverne S. Longest, Trustee
Landowner's Signature

3-13-18
Date

J. O. Longest Jr
Farm Operator Signature

P.O. Box 126
King & Queen C.H., Va. 23085
Mailing Address & Phone Number

Laverne S. Longest Trustee

Title of Landowner

Power, Capacity and Authority. Such Party has the right, power, legal capacity, and authority to execute and enter into this Agreement and to execute all other documents and perform all other acts as may be necessary in connection with the performance of this Agreement.

Laverne S. Longest

Signature

Laverne S. Longest

Printed Name of Signer

3-13-18

Date

FARM DATA SHEET

SITE NAME:	Robert R. South	COUNTY:	King & Queen
OWNER:	Robert Russell South Trustee; Laverne S. South Trustee	OPERATOR:	T. O. Longest, Jr.
OWNER'S ADDRESS:	19417 The Trail Little Plymouth, VA 23091	OPERATOR'S ADDRESS:	P.O. Box 126 King & Queen Courthouse, VA 23085
OWNER'S TELEPHONE:	804-370-5382	OPERATOR'S TELEPHONE:	-
GENERAL FARM TYPE:	Row Crops	CELL PHONE:	804-824-4712
# CATTLE:	None	EMAIL:	-
LAGOON or SLURRY:	None	LATITUDE:	37.655
TOPO QUAD:	Truhart	LONGITUDE:	-76.857
COMMENTS:		METHOD OF DETERMINATION:	Online Maps

SDA

RECYC SYSTEMS, INC

FIELD DATA SHEET

Field Identification	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map #	FSA Tract #
		Water Table	Bed Rock/ Shallow	Surf/ Leach	Freq Flood			
KQRRS 1	12.5	19B Dec.-Apr. 20A Nov.-Apr.	-	-	-	YO 60	24-31L-12	T 2198 F 4
KQRRS 2	19.4	19A Dec.-Apr. 20A Nov.-Apr. 21A Dec.-Mar.	-	-	-	YO 60	24-31L-12	T 2198 F 1
KQRRS 3	35.3	19A Dec.-Apr. 20A Nov.-Apr.	-	-	-	YO 60	24-31L-8	T 2198 F 2, 3
KQRRS 4	3.4	19A Dec.-Apr.	-	-	-	YO 60	24-31L-8	T 2599 F 2
KQRRS 5	76.2	3B Dec.-Apr. 5E Nov.-Apr. 19A Dec.-Apr. 19B Dec.-Apr.	-	-	-	YO 60	24-31L-8	T 2599 F 1
TOTAL ACRES IN SITE	146.8							

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: Robert R. South

County or City: King & Queen Co.

Please Print

Signature not required on this page

<u>Tax Parcel ID(s)</u>	<u>Landowners (s)</u>
1624-31L-8	Robert Russell South Trustee and Laverne S. South Trustee
1624-31L-12	Robert Russell South Trustee and Laverne S. South Trustee

NUTRIENT MANAGEMENT PLAN IDENTIFICATION

Operator

T.O. Longest
P.O. Box 126
King & Queen Courthouse, VA 23085
804-824-4712

Integrator:None

Farm Coordinates

Easting: 0, Northing: 0, zone: 17

Watershed Summary

watershed: YO60
county: King & Queen

Nutrient Management Planner

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

Certification Code: 103

Acreage Use Summary

Total Acreage in this plan: 146.8
Cropland: 146.8
Hayland: 0.
Pasture: 0.
Specialty: 0.

Livestock Summary

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

Manure Production Balance

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

Plan written 3/5/2018
Valid until 3/5/2020

Signature: _____
Planner date

Nutrient Management Plan Balance Sheet
(Spring, 2018-Summer, 2020)
Robert R. South
Planner: John Doe (cert. No. 103)

Tract: 2198 Location: King & Queen
(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
4/KQRRS 1(N)	13/13	2018	Corn (grain)	100-40-40	20/0				80-40-40	N/A		
1/KQRRS 2(N)	19/19	2018	Corn (grain)	120-30-40	20/0				100-30-40	N/A		
2, 3/KQRRS 3(N)	35/35	2018	Corn (grain)	140-30-60	20/0				120-30-60	N/A		

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

Tract: 2599

Location: King & Queen

(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/KQRRS 4(N)	3/3	2018	Corn (grain)	150-60-100	20/0				130-60-100	N/A		
1/KQRRS 5(1P)	76/76	2018	Corn (grain)	140-0-80	20/0				120-0-80	55		

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Soil Test Summary

Tract	Field	Acre	Date	P2O5	K2O	Lab	Soil pH	Lime Date	rec. lime tons/Ac
2198	KQRRS 1	12	2011-Wi	H- (55 P ppm)	M+ (112 K ppm)	A&L MIII	6.5		
2198	KQRRS 2	20	2011-Wi	H (84 P ppm)	M+ (112 K ppm)	A&L MIII	5.4		
2198	KQRRS 3	35	2016-Fa	H (79 P ppm)	M (103 K ppm)	A&L MIII	6.7		
2599	KQRRS 4	5	2016-Fa	H- (57 P ppm)	M- (60 K ppm)	A&L MIII	6.2		
2599	KQRRS 5	70	2016-Fa	VH (131 P ppm)	M- (62 K ppm)	A&L MIII	6.6		

Field Productivities for Major Crops

Tract Name	Tract/ Field	Field Name	Acres	Predominant Soil Series	Corn	Small Grain	Alfalfa	Grass Hay	Environmental Warnings
2198	2198/4	KQRRS 1*	12	Bojac1	IVb	III	Not Suited	III	High Leaching
	2198/1	KQRRS 2	20	Tetotum	IVa	III	III	III	
	2198/2, 3	KQRRS 3	35	Tetotum	IIIa	II	III	II	
2599	2599/2	KQRRS 4	5	Tetotum	IIb	I	III	I	
	2599/1	KQRRS 5	70	State1	IIIa	II	III	II	

* 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 Spring, 2018 - Summer, 2020**

Farm Name: **Robert R. South**
 Location: King & Queen
 Specialist: John Doe
 N-based Acres: 72.1
 P-based Acres: 70.1

Tract Name: **2198**
 FSA Number: 2198
 Location: King & Queen

Field Name: **KQRRS 1**
 Total Acres: 12.20 Usable Acres: 12.20
 FSA Number: 4
 Tract: 2198
 Location: King & Queen
 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
Wi-2011	6.5	H-(55 P ppm)	M+(112 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
79	2B	Bojac1
4	19B	Tetotum
17	20A	Tomotley

Field Warnings:

Environmentally Sensitive Soils due to:

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

Field Name: KQRRS 2
Total Acres: 19.80 Usable Acres: 19.80
FSA Number: 1
Tract: 2198
Location: King & Queen
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
Wi-2011	5.4	H(84 P ppm)	M+(112 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
8	20A	Tomotley
64	19A	Tetotum
28	21A	Wahee

Field Warnings:

Field Name: KQRRS 3
Total Acres: 35.40 Usable Acres: 35.40
FSA Number: 2, 3
Tract: 2198
Location: King & Queen

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
Fa-2016	6.7	H(79 P ppm)	M(103 K ppm)	A&L MIII

Soils:

PERCENT	SYMBOL	SOIL SERIES
15	20A	Tomotley
84	19A	Tetotum
1	5D	Emporia Slagle

Field Warnings:

Tract Name: 2599
FSA Number: 2599
Location: King & Queen

Field Name: KQRRS 4
Total Acres: 4.70 **Usable Acres:** 4.70
FSA Number: 2
Tract: 2599
Location: King & Queen
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
Fa-2016	6.2	H-(57 P ppm)	M-(60 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
100	19A	Tetotum

Field Warnings:

Field Name: KQRRS 5

Total Acres: 70.10 Usable Acres: 70.10

FSA Number: 1

Tract: 2599

Location: King & Queen

Slope Class: B Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

P-Index Summary

P-based(1.0)

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K		Lab
Fa-2016	6.6	VH(131 P ppm)	M-(62 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
4	2B	Bojac1
29	3B	Craven
4	5E	Emporia Slagle
1	7A	Bibb Kinston
23	16A	State1

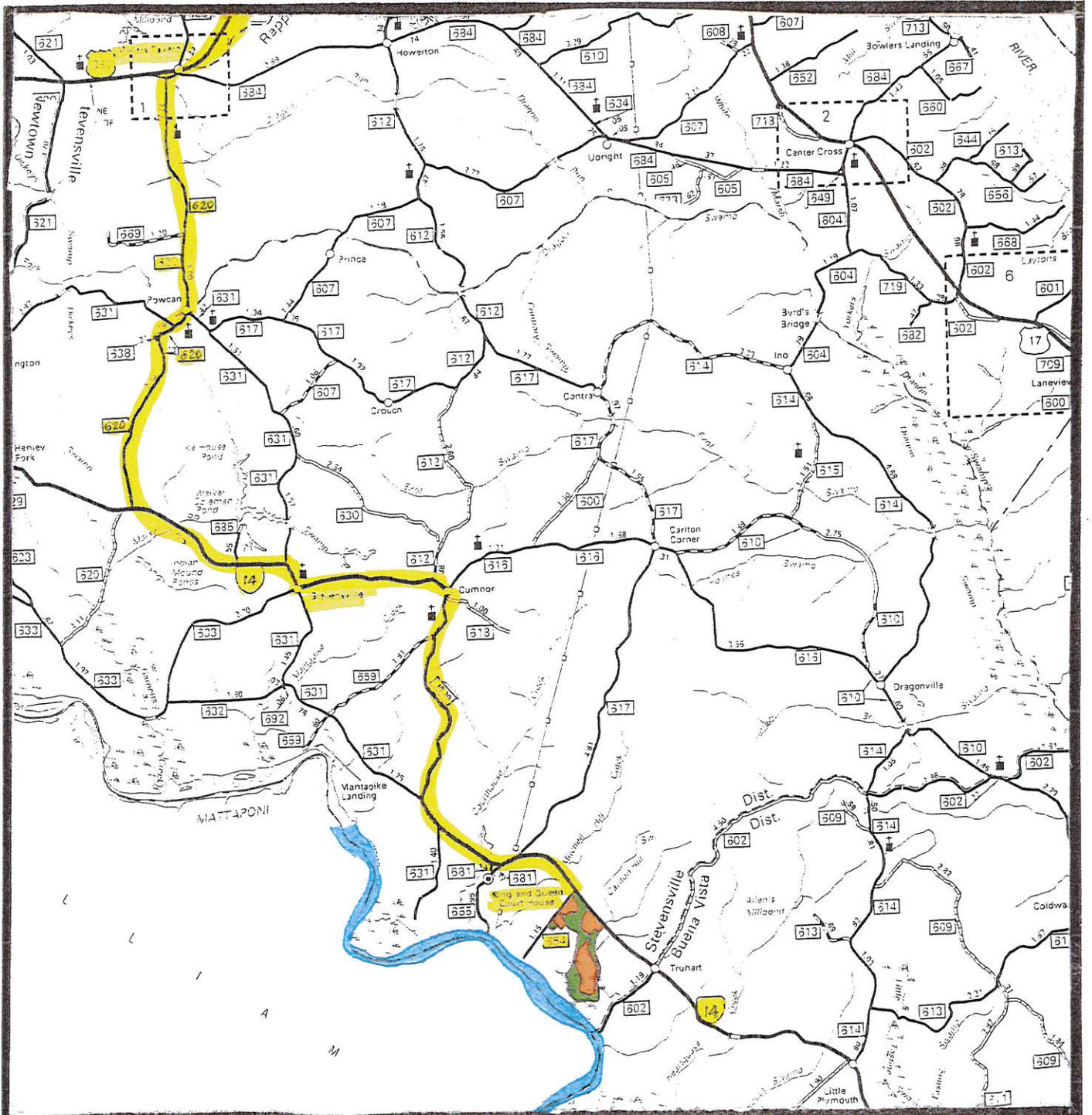
15	16B	State1
13	19A	Tetotum
13	19B	Tetotum

Field Warnings:

MAPS

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1" = 2 miles

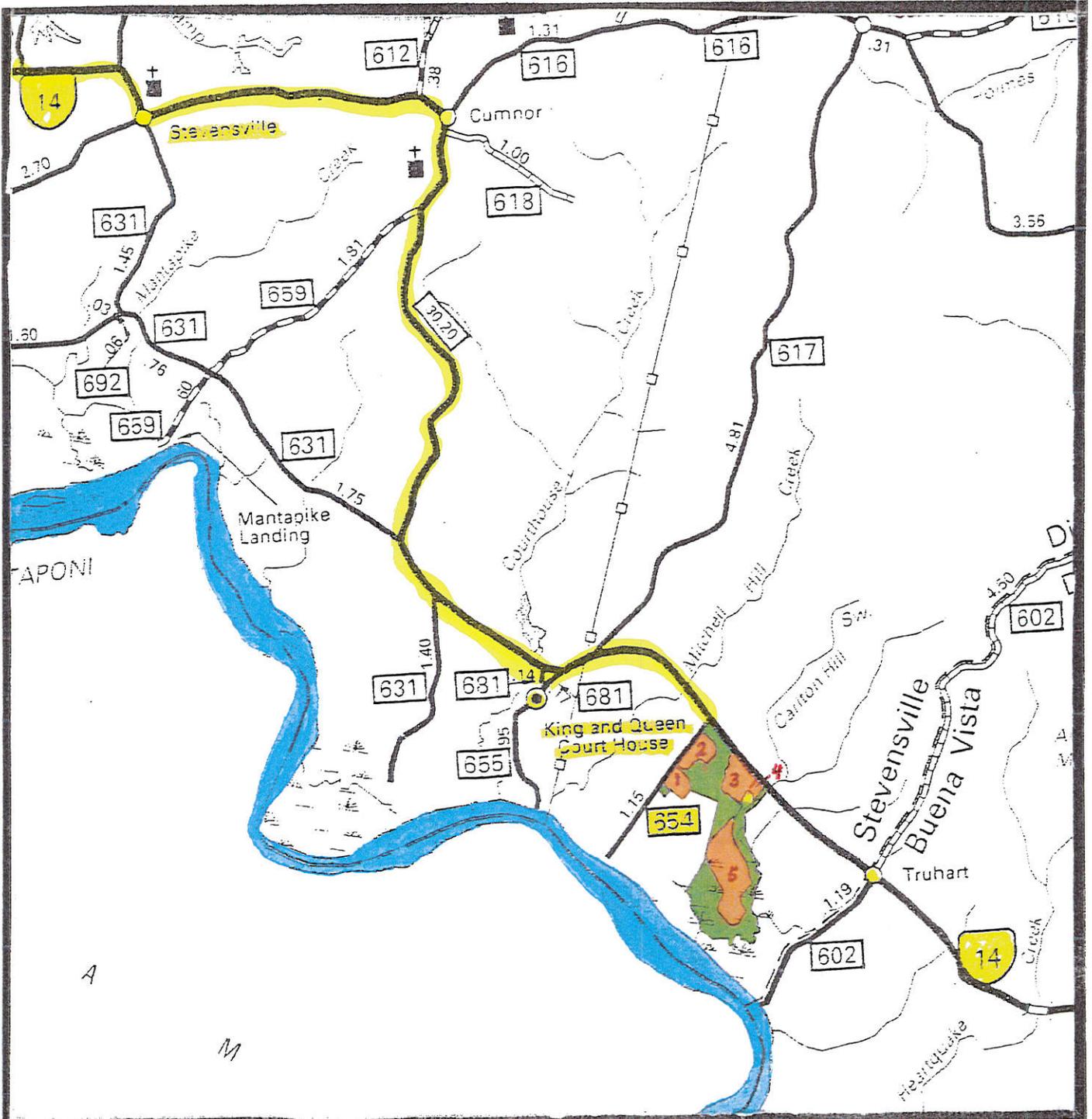
KQRRS 1-5

VICINITY MAP



Recyc Systems™ Inc.

(Biosolids Land Application)

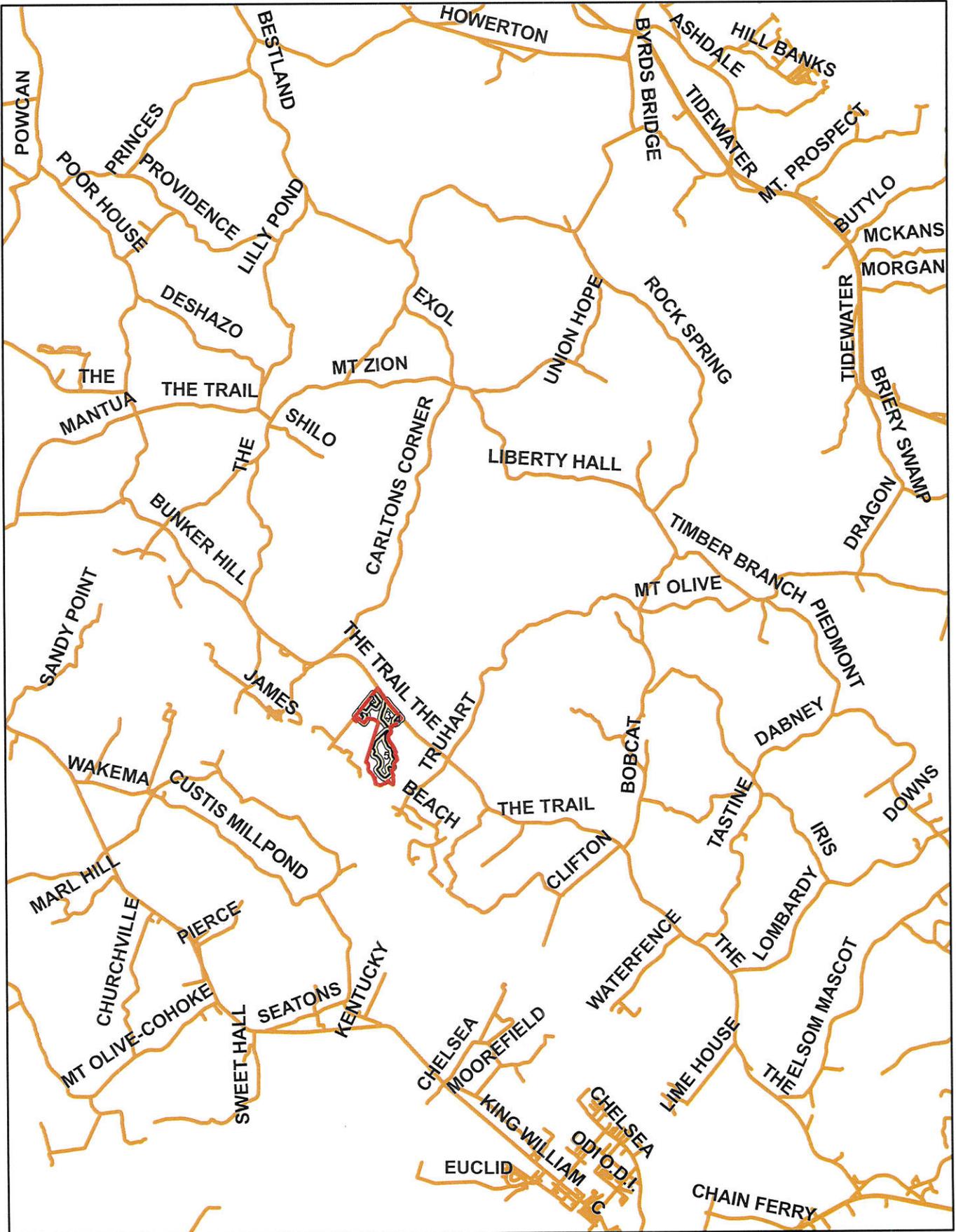


Scale: 1" = 1 mile

KQRRS 1-5

VICINITY MAP

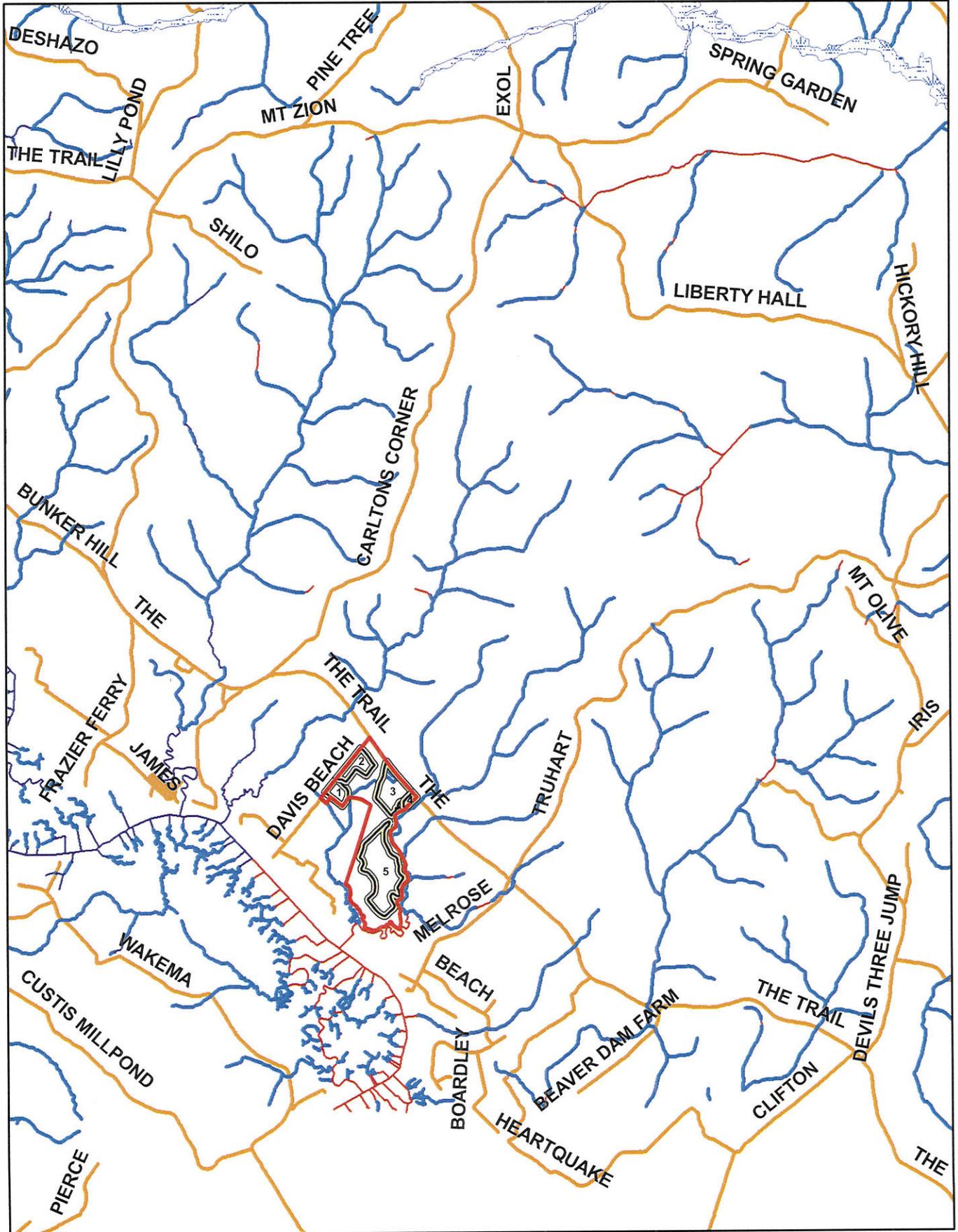




VICINITY MAP

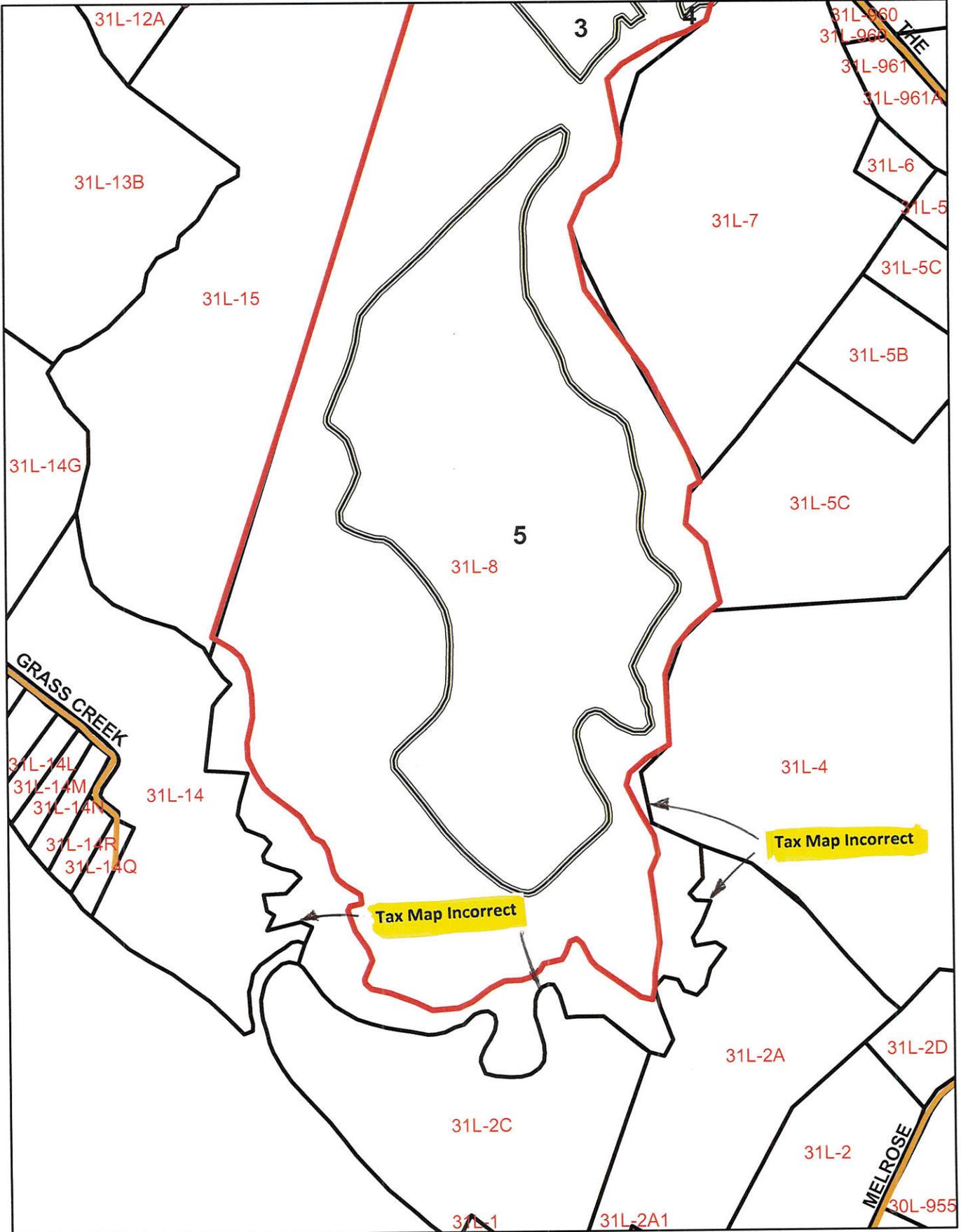
1 in = 2 miles

2-28-18



VICINITY MAP

1 in = 1 miles
2-28-18



TAX MAP

1 in = 660 feet

2-28-18

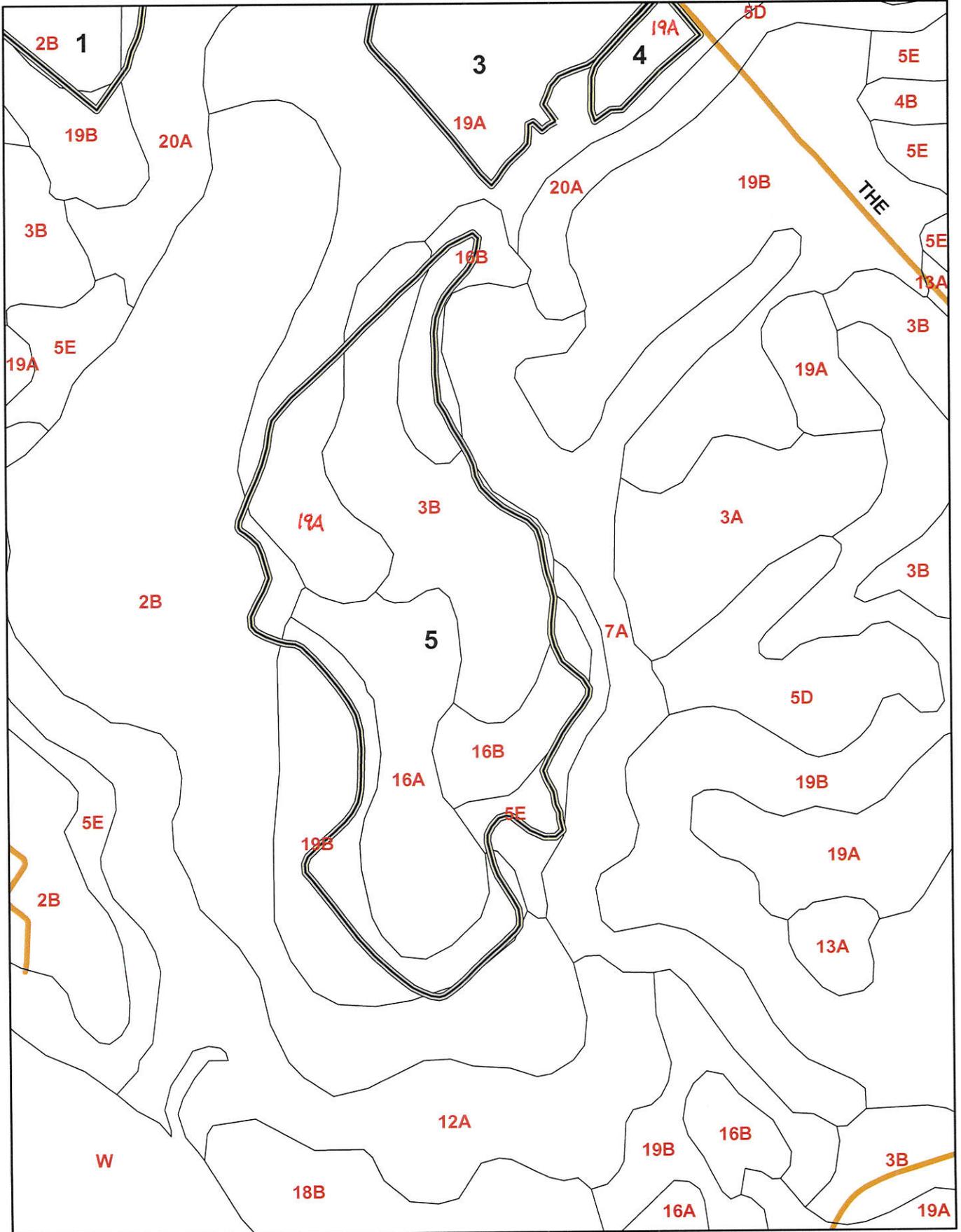


ADJOINING LANDOWNERS

Robert R. South

KING AND QUEEN COUNTY

Tax Map	Parcel #	Owner Name(s)
1624-31L	2A	Hugh and nancy Johnson
	2C	Martha South Hare and Johnnie Ray
	4	James Leon and Verline H. Moody
	5C	Margie Eubank Longest
	7	Robert R. South III and Joern C.
	8	Robert Russell South III and Laverne S. Longest Trustees
	12	Robert Russell South III and Laverne S. Longest Trustees
	12A	Chris Myron South
	13B	Vickie S. Connors
	14	Mitchell Patterson, Jr. and Alverta D
	15	Chris M. South
	17	Arthur B. Holmes Est
	17B	Bernadette Mae Butler
	17C	Ronald V and Kelly H. Harvey
	18	Sandra T. Hurt and Kyle H. Harvey
	18A	Kimberly N. Carlton et als
	18B	Linda N. Carlton
	18C	Angela H. Jamerson
	18D	Lewis and Phyllis Norman
	942	The Nature Conservancy
944	Heartwood Forestland Fund VI LP	
960	Robert Russell South III	
961A	Robert R. South III and Joshua Russell	

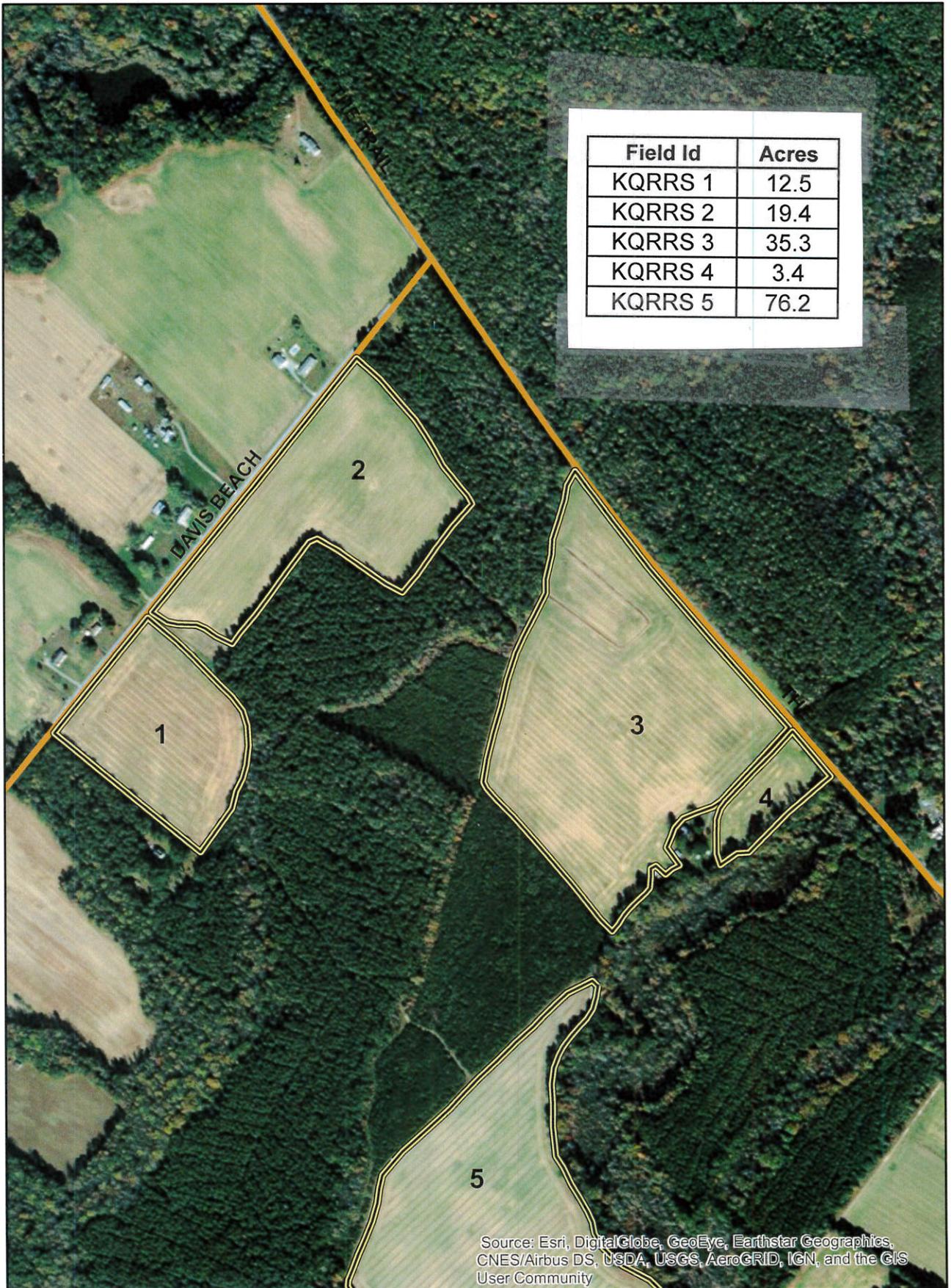


SOIL MAP

1 in = 660 feet

2-28-18





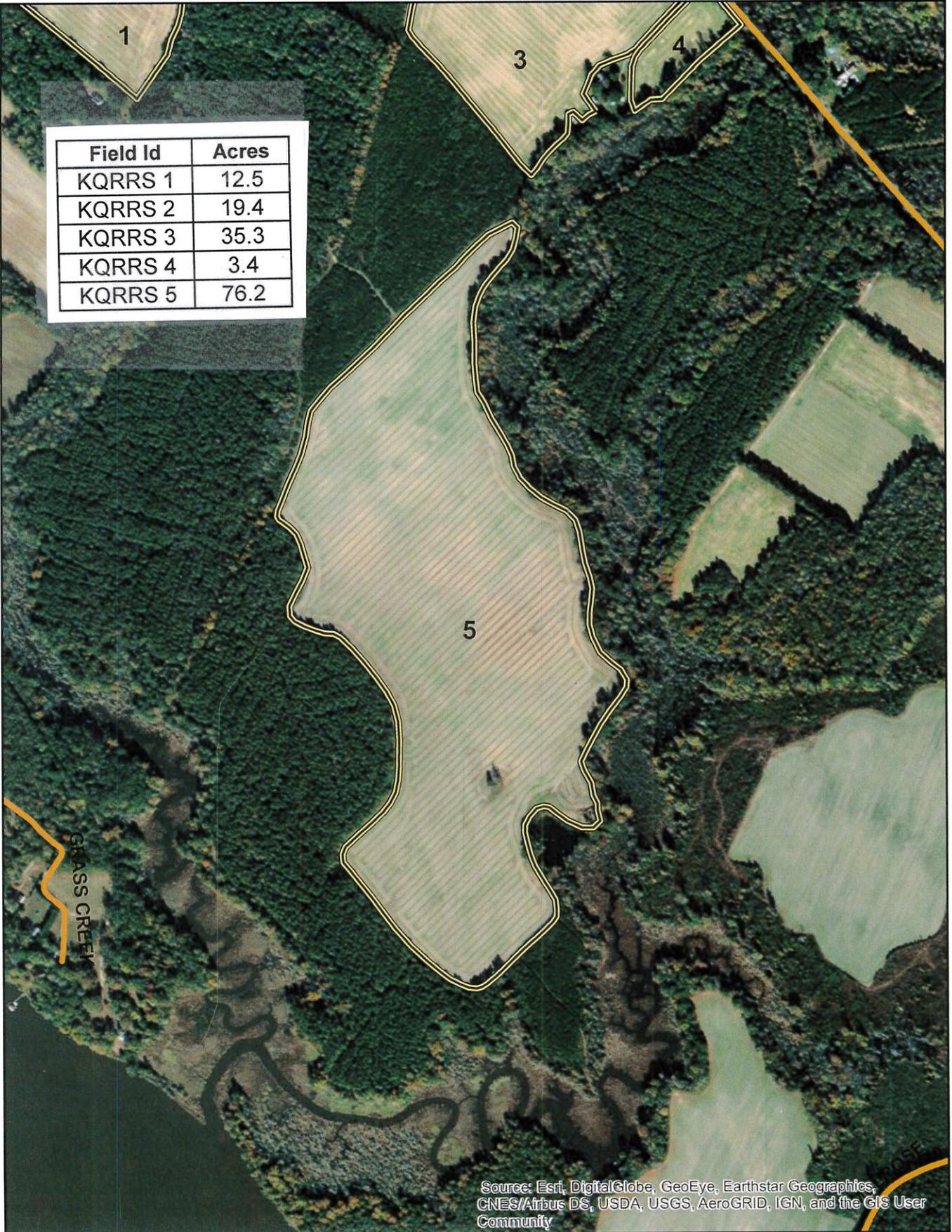
AERIAL MAP

1 in = 660 feet *5/5/20*

2-28-18



Field Id	Acres
KQRRS 1	12.5
KQRRS 2	19.4
KQRRS 3	35.3
KQRRS 4	3.4
KQRRS 5	76.2



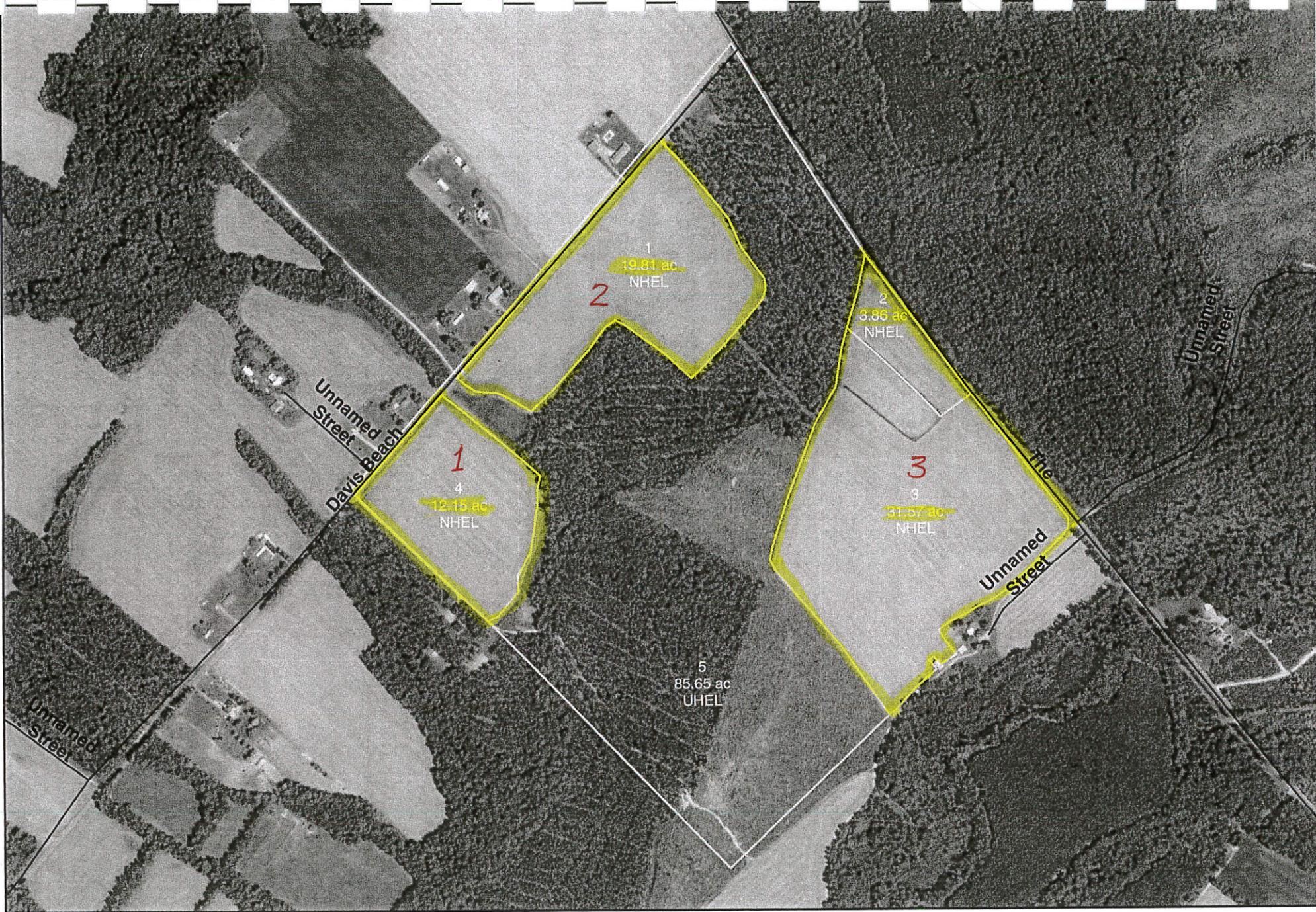
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

AERIAL MAP

1 in = 660 feet *5/5/20*

2-28-12





1 inch = 804 feet

Farm: 2981
Tract: 2198



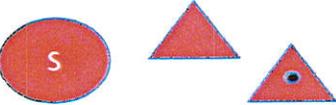


1 inch = 1,128 feet

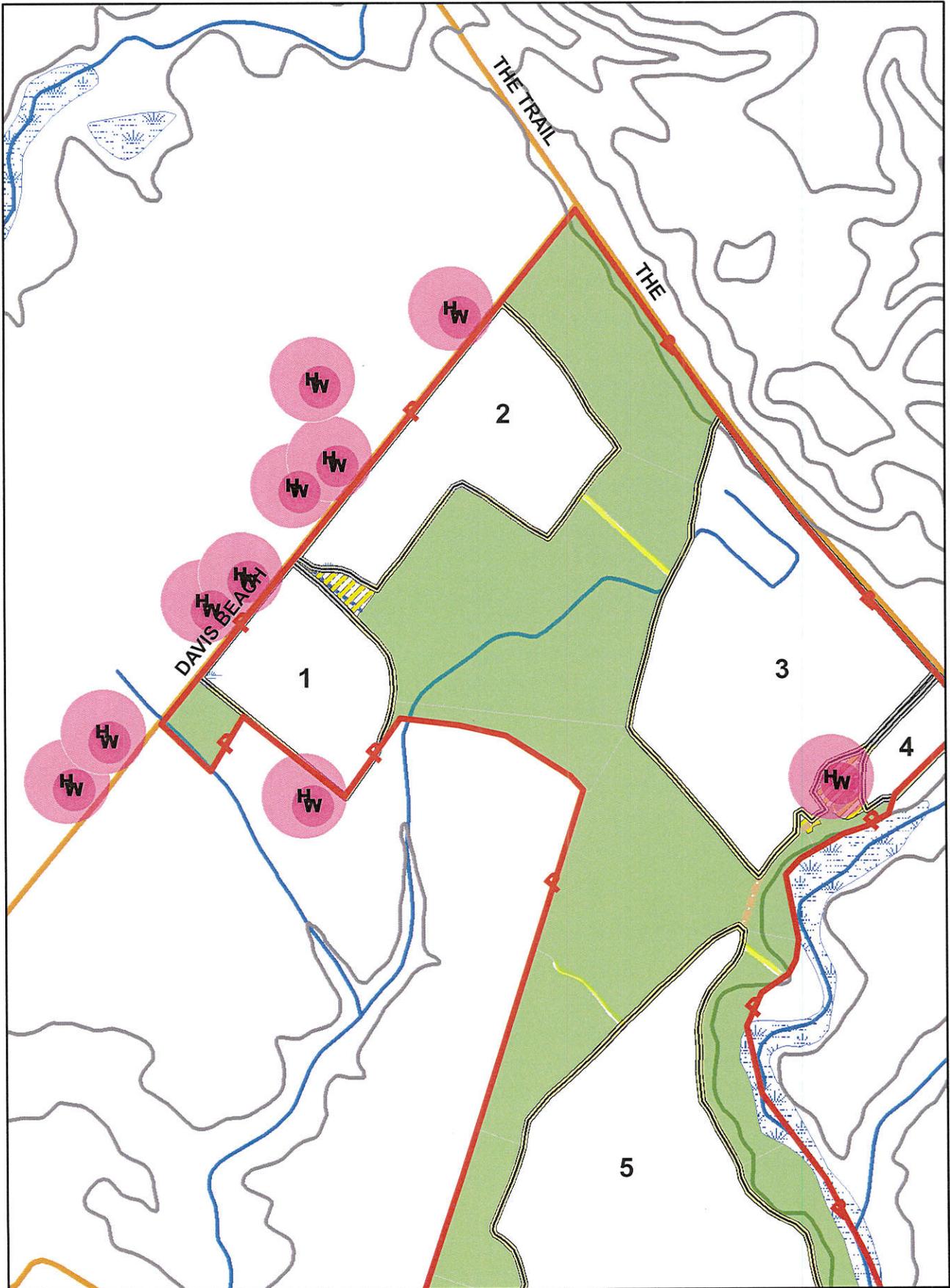
Farm: 2981
Tract: 2599



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.

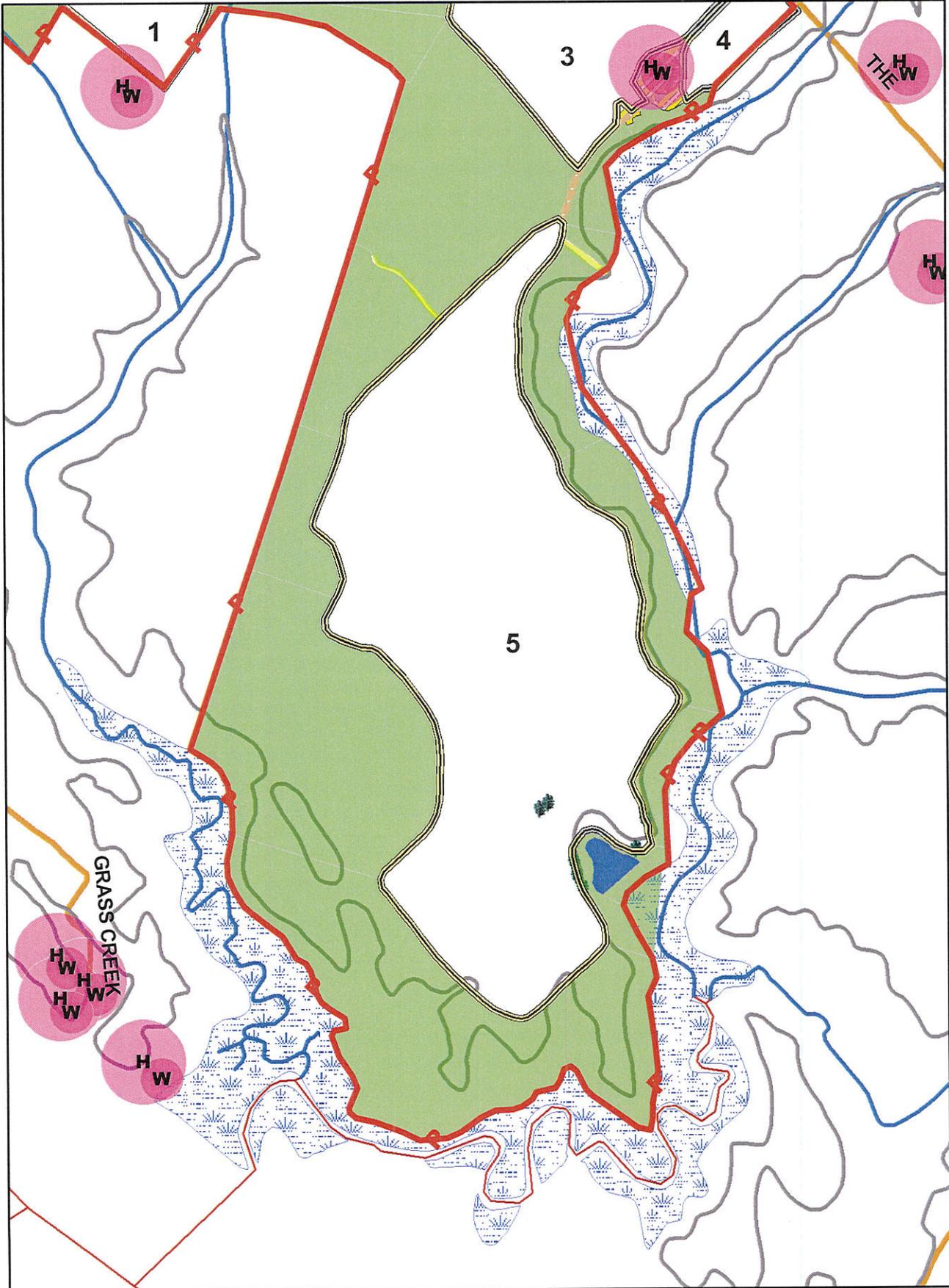


SITE PLAN

1 in = 660 feet

2-28-18

ROBERT R SOUTH

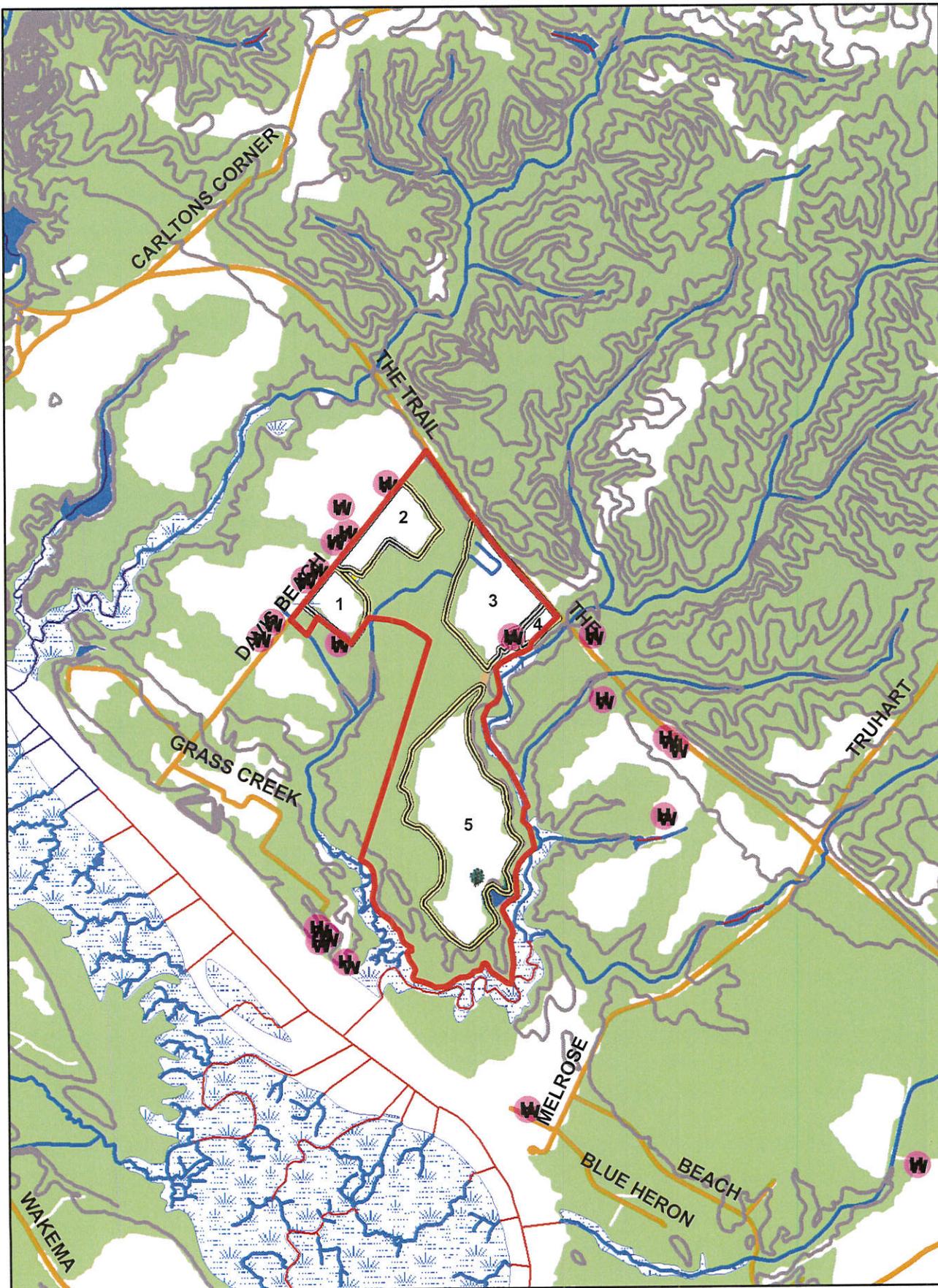


SITE PLAN

1 in = 660 feet

2-28-18





TOPOGRAPHIC MAP

1 in = 2,000 feet

2-28-18