

LAND APPLICATION SITE

THOMAS D. CROMER

CRTDC 1 – 6

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 5-6-19 between Marvin Thomas D. Comer 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
<u>4-A-16</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			

Printed name <u>Marvin Thomas Comer</u>	Mailing Address <u>19169 Tidewater Trail Fredericksburg VA 22408</u>	Landowner Signature <u>Marvin Thomas D Comer</u>
By: <u>owner</u>	Phone No. <u>(434) 298-7899</u>	
* <input checked="" type="checkbox"/> I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc.		
* <input type="checkbox"/> I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.		

Permittee:

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

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

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

Permittee: Recyc Systems, Inc County or City: Caroline Co.
Landowner: Maurin Thomas D. Cromer

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).

Maurin Thomas D. Cromer 5-6-19
Landowner's Signature Date

Douglas L. Sawett 25473 Hazelwood Lane 5/6/19
Operator's Signature mailing address & phone Date

FARM DATA SHEET

SITE NAME:	Thomas D. Cromer	COUNTY:	Caroline
OWNER:	Thomas D. Cromer	OPERATOR:	Douglas Garrett
OWNER'S ADDRESS:	19169 Tidewater Trl. Fredericksburg, VA 22408	OPERATOR'S ADDRESS:	25473 Hazelwood Lane Rappahannock Academy, VA 22538
OWNER'S TELEPHONE:	434-298-7899	OPERATOR'S TELEPHONE:	-
GENERAL FARM TYPE:	Row Crops	CELL PHONE:	540-842-0294
# CATTLE:	None	EMAIL:	-
LAGOON or SLURRY:	N/A	LATITUDE:	F 1-3 38.228 F 4-6 38.238
TOPO QUAD:	Rappahannock Academy	LONGITUDE:	F 1-3 -77.303 F 4-6 -77.300
COMMENTS:		METHOD OF DETERMINATION:	Online Maps

SD 
5-14-19

NEW FIELD CHANGES
THOMAS D. CROMER FARM
CAROLINE COUNTY

FIELDS 1-3 AND 5 ARE THE SAME, NO CHANGES.

NEW FIELD 4 AND 6 ARE A PART OF OLD FIELD 4.

RECYC SYSTEMS, INC

FIELD DATA SHEET

Field Identification	DEQ Control ID	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map #	FSA Tract #
			Water Table	Bed Rock/ Shallow	Surf/ Leach	Freq Flood			
CRTDC 1	51033-00389-0000	40.3	1A Dec.-Apr.	-	-	-	RA 49	4-A-16	T 3146 F 2
CRTDC 2	51033-00390-0000	39.9	1A Dec.-Apr.	-	-	-	RA 49	4-A-16	T 3146 F 5
CRTDC 3	51033-00391-0000	27.0	-	-	-	-	RA 49	4-A-16	T 3146 F 4
CRTDC 4	51033-00392-0000	4.8	-	-	-	-	RA 49	4-A-16	T 3146 F 1
CRTDC 5	51033-00393-0000	24.9	8A Nov.-Apr.	-	-	-	RA 49	4-A-16	T 3147 F 1
CRTDC 6	51033-00392-0000	4.2	-	-	-	-	RA 49	4-A-16	T 3146 F 3
TOTAL ACRES IN SITE		141.1							

5-14-19

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: Thomas D. Cromer

County or City: Caroline Co.

Please Print

Signature not required on this page

<u>Tax Parcel ID(s)</u>	<u>Landowners (s)</u>
4-A-16	Marvin Thomas Duncan Cromer

Report Number: 17-041-0634

Account Number: 70594



7621 Whitepine Road, Richmond, VA 23237
 Main 804-743-9401 ° Fax 804-271-6446
 www.waypointanalytical.com

Send To: Recyc Systems Inc
 Susan Trumbo
 8455 Whiteshop Road
 Culpepper VA 22701

Grower: Thomas Cromer
 Caroline Co

"Every acre...Every year."™

SOIL ANALYSIS REPORT

Analytical Method(s): SMP Buffer pH Mehlich 3 Loss On Ignition Water pH

Date Received: 02/10/2017

Date Of Analysis: 02/13/2017

Date Of Report: 02/13/2017

Sample ID Field ID	Lab Number	OM	W/V	ENR	Phosphorus			Potassium	Magnesium	Calcium	Sodium	pH		Acidity	C.E.C	
		% Rate	Soil Class	lbs/A	M3 ppm Rate	ppm Rate	ppm Rate	K ppm Rate	Mg ppm Rate	Ca ppm Rate	Na ppm Rate	Soil pH	Buffer Index	H meq/100g	meq/100g	
2-A	04352	3.4 M		109	98 H	110		119	115 M	88 M	926 H		6.3	6.86	0.7	6.4
2-B	04353	3.3 M		106	122 VH				124 M	98 M	987 H		6.4	6.87	0.6	6.7
5	04354	3.1 M		101	57 H				74 L	66 L	1276 VH		6.6		0.4	7.5

Sample ID Field ID	Percent Base Saturation					Nitrate	Sulfur	Zinc	Manganese	Iron	Copper	Boron	Soluble Salts		
	K %	Mg %	Ca %	Na %	H %	NO ₃ N ppm Rate	S ppm Rate	Zn ppm Rate	Mn ppm Rate	Fe ppm Rate	Cu ppm Rate	B ppm Rate	SS ms/cm Rate		
2-A	4.6	11.5	72.3		10.9			5.7 H	90 VH						
2-B	4.7	12.2	73.7		9.0			7.2 H	83 VH						
5	2.5	7.3	85.1		5.3			4.3 H	69 VH						

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by: Waypoint Analytical Virginia, Inc.

by: *Paucic McGroary*

Paucic McGroary

Report Number: 17-324-0641

Account Number: 70594



7621 Whitepine Road, Richmond, VA 23237

Main 804-743-9401 ° Fax 804-271-6446

www.waypointanalytical.com

Send To: Recyc Systems Inc
Susan Trumbo
8455 Whiteshop Road
Culpepper VA 22701

"Every acre...Every year."™

Grower: Thomas Cromer
Caroline CO

SOIL ANALYSIS REPORT

Analytical Method(s): SMP Buffer pH Mehlich 3 Loss On Ignition Water pH

Date Received: 11/20/2017

Date Of Analysis: 11/21/2017

Date Of Report: 11/21/2017

Sample ID Field ID	Lab Number	OM	W/V	ENR	Phosphorus			Potassium	Magnesium	Calcium	Sodium	pH		Acidity	C.E.C
		% Rate	Soil Class	lbs/A	M3 ppm Rate	ppm Rate	ppm Rate	K ppm Rate	Mg ppm Rate	Ca ppm Rate	Na ppm Rate	Soil pH	Buffer Index	H meq/100g	meq/100g
3	00814	2.8 M		96	106 VH			162 VH	83 L	1212 H		7.0		0.0	7.2
4 #6	00816	2.5 L		91	102 VH			136 H	105 M	877 H		6.5		0.4	6.0

Sample ID Field ID	Percent Base Saturation					Nitrate	Sulfur	Zinc	Manganese	Iron	Copper	Boron	Soluble Salts		
	K %	Mg %	Ca %	Na %	H %	NO ₃ N ppm Rate	S ppm Rate	Zn ppm Rate	Mn ppm Rate	Fe ppm Rate	Cu ppm Rate	B ppm Rate	SS ms/cm Rate		
3	5.8	9.6	84.2		0.0			5.8 H	77 VH						
4	5.8	14.6	73.1		6.7			6.9 H	55 VH						

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by: Waypoint Analytical Virginia, Inc.

by: *Paucic McGeary*

Paucic McGeary

THE PLANNER IS NOT STATE CERTIFIED

Nutrient Management Plan Balance Sheet
(Spring, 2019-Summer, 2021)
Thomas D. Cromer
Planner: John Doe

Tract: 3146 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/CRTDC 1(N)	40/40	2019	Corn (grain)	180-80-80	20/0				160-80-80	N/A		
5/CRTDC 2(N)	40/40	2019	Soybeans (FS)	0-60-60	0/0				0-60-60	N/A		
4/CRTDC 3(N)	27/27	2019	Corn (grain)	180-80-80	20/0				160-80-80	N/A		
1/CRTDC 4(N)	5/5	2019	Corn (grain)	180-80-80	20/0				160-80-80	N/A		
3/CRTDC 6(N)	4/4	2019	Corn (grain)	180-80-80	20/0				160-80-80	N/A		

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

Tract: 3147 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/CRTDC 5(N)	25/25	2019	Corn (grain)	160-80-80	20/0				140-80-80	N/A		

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

Notes:

Soil Test Summary

Tract	Field	Acre	Date	P2O5	K2O	Lab	Soil pH	Lime Date	rec. lime tons/Ac
3146	CRTDC 1	40	[No Test]						
3146	CRTDC 2	40	[No Test]						
3146	CRTDC 3	27	[No Test]						
3146	CRTDC 4	5	[No Test]						
3146	CRTDC 6	4	[No Test]						
3147	CRTDC 5	25	[No Test]						

Field Productivities for Major Crops

Tract Name	Tract/ Field	Field Name	Acres	Predominant Soil Series	Corn	Small Grain	Alfalfa	Grass Hay	Environmental Warnings
3146	3146/2	CRTDC 1	40	Wickham	Ia		II		
	3146/5	CRTDC 2	40	Wickham	Ia		II		
	3146/4	CRTDC 3	27	Wickham	Ia		II		
	3146/1	CRTDC 4	5	Wickham	Ia		II		
	3146/3	CRTDC 6	4	Wickham	Ia		II		
3147	3147/1	CRTDC 5	25	Chewacla	Ila		Not Suited		

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, 2019 - Summer, 2021

Farm Name: Thomas D. Cromer

Location: Caroline

Specialist: John Doe

N-based Acres: 141.1

P-based Acres: 0.0

Tract Name: 3146

FSA Number: 3146

Location: Caroline

Field Name: CRTDC 1

Total Acres: 40.30 **Usable Acres:** 40.30

FSA Number: 2

Tract: 3146

Location: Caroline

Slope Class: B **Hydrologic Group:** C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
10	1A	Altavista
14	23C	State1
76	29B	Wickham

Field Warnings:

Field Name: CRTDC 2
Total Acres: 39.90 Usable Acres: 39.90
FSA Number: 5
Tract: 3146
Location: Caroline
Slope Class: B Hydrologic Group: C

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

P-Index Summary

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

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
58	29B	Wickham
22	29A	Wickham
11	23C	State1
9	1A	Altavista

Field Warnings:

Field Name: CRTDC 3
Total Acres: 27.00 Usable Acres: 27.00
FSA Number: 4
Tract: 3146
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
95	29A	Wickham
5	29B	Wickham

Field Warnings:

Field Name: CRTDC 4

Total Acres: 4.80 Usable Acres: 4.80

FSA Number: 1

Tract: 3146

Location: Caroline

Slope Class: B Hydrologic Group: C

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

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
100	29B	Wickham

Field Warnings:

Field Name: CRTDC 6
Total Acres: 4.20 Usable Acres: 4.20
FSA Number: 3
Tract: 3146
Location: Caroline
Slope Class: B Hydrologic Group: C

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

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
4	5B	Bojac1
96	29B	Wickham

Field Warnings:

Tract Name: 3147
FSA Number: 3147
Location: Caroline

Field Name: CRTDC 5
Total Acres: 24.90 Usable Acres: 24.90
FSA Number: 1
Tract: 3147

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:

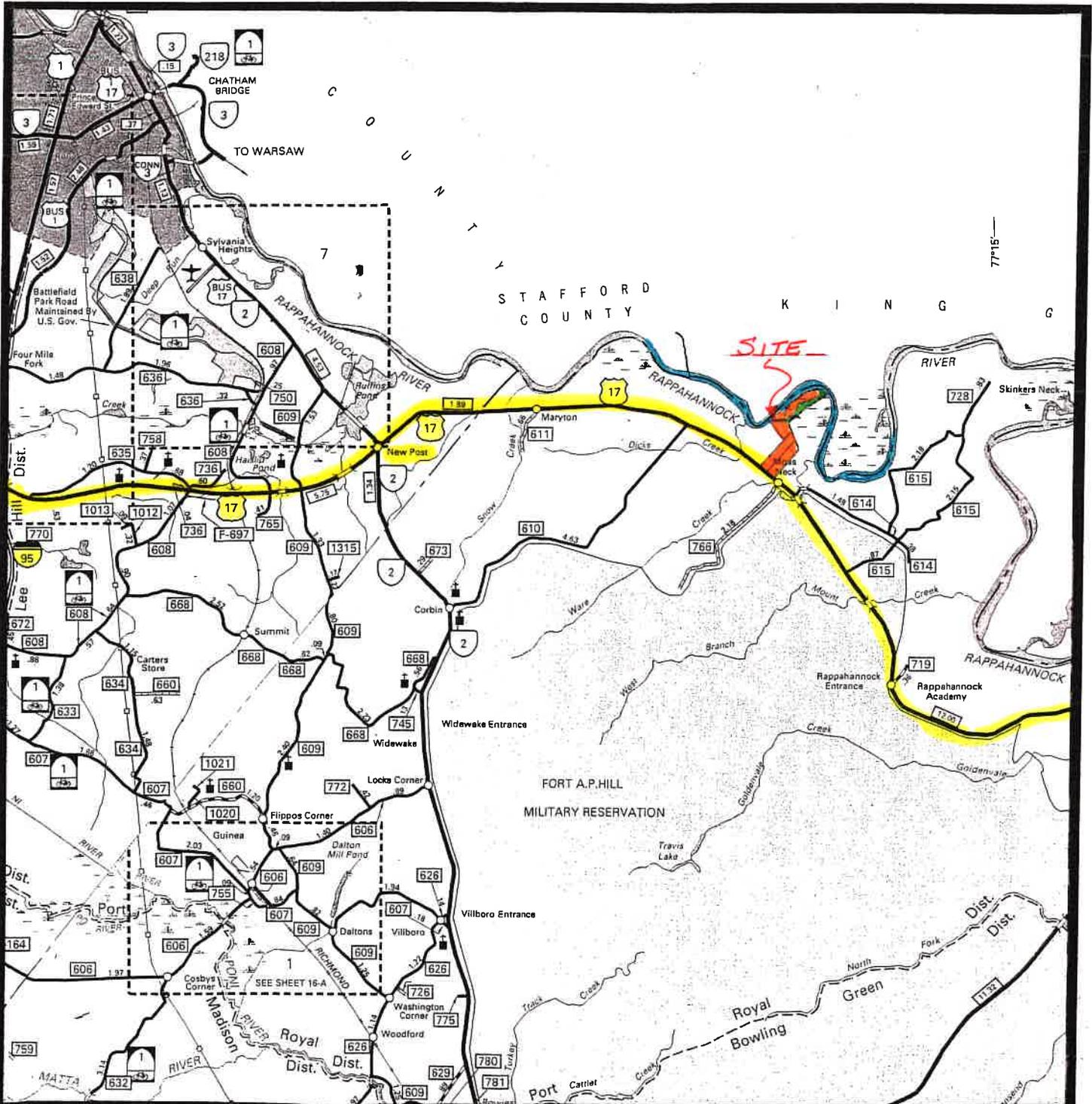
PERCENT	SYMBOL	SOIL SERIES
14	23A	State1
86	8A	Chewacla

Field Warnings:

MAPS

Recyc SystemsTM Inc.

(Biosolids Land Application)



Scale: 1" = 2 miles

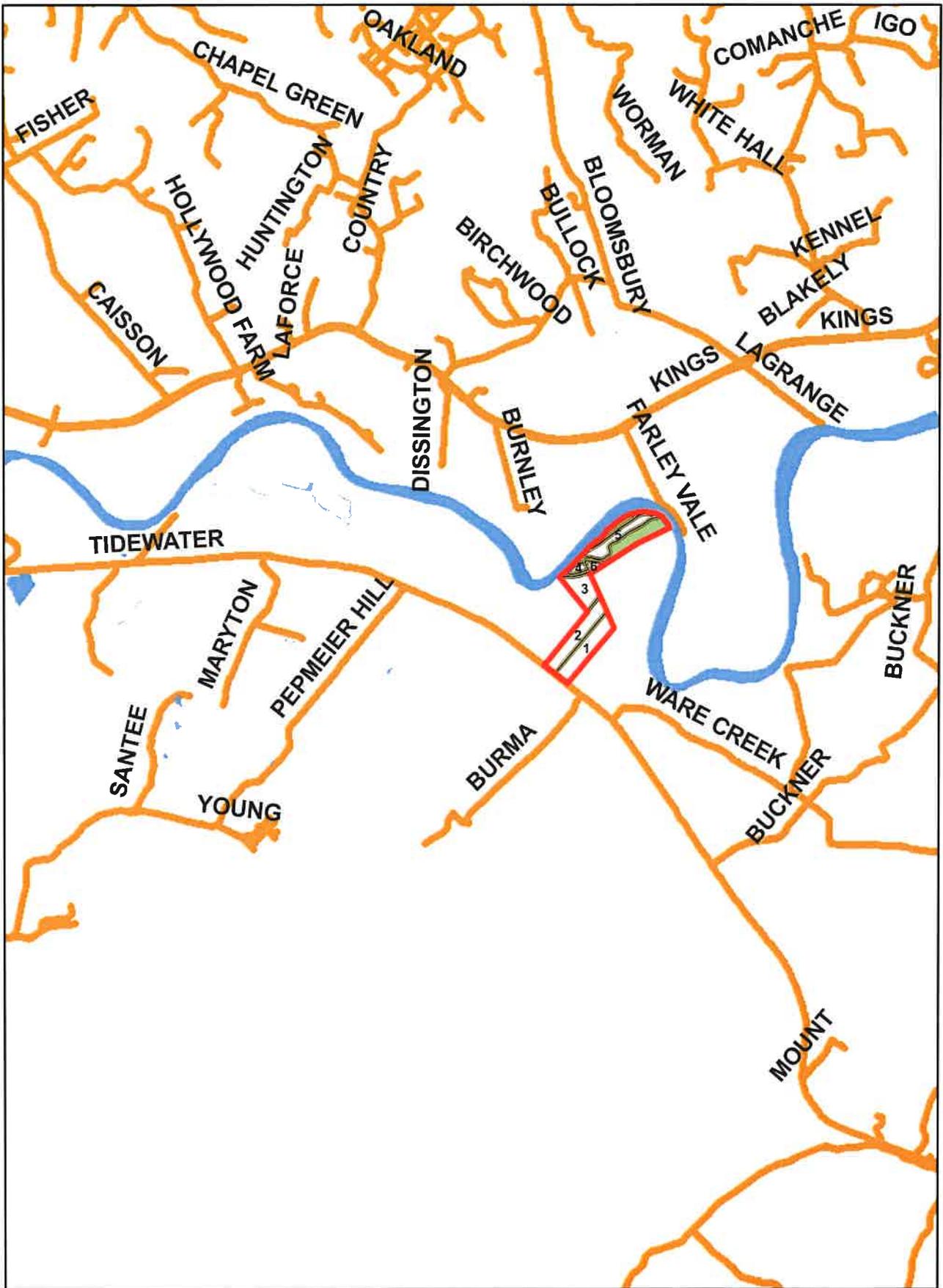
CRTDC 1-6

Truck Route marked
in Yellow

VICINITY MAP

5-14-19



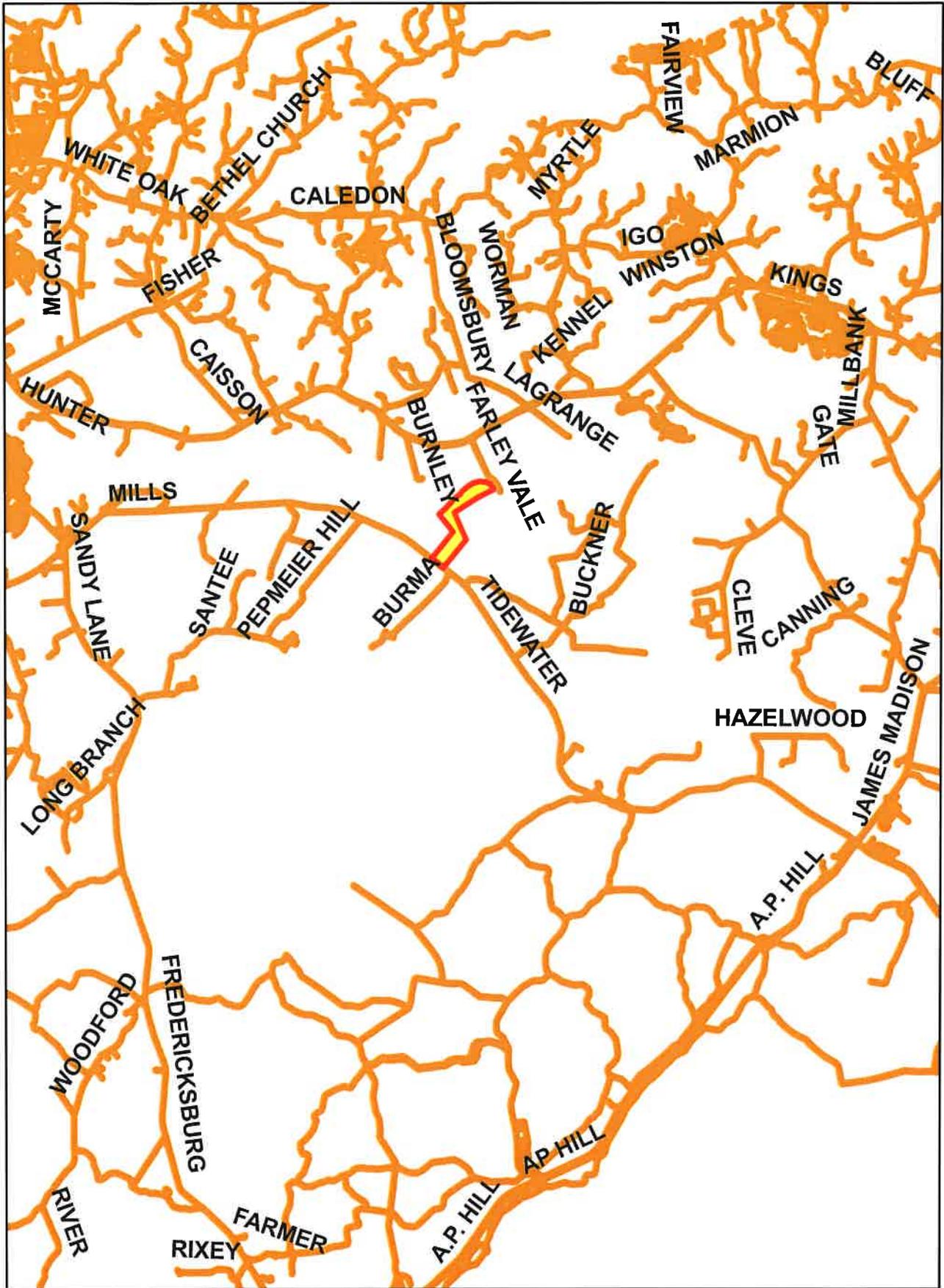


5-14-19

VICINITY MAP

1 in = 1 mile



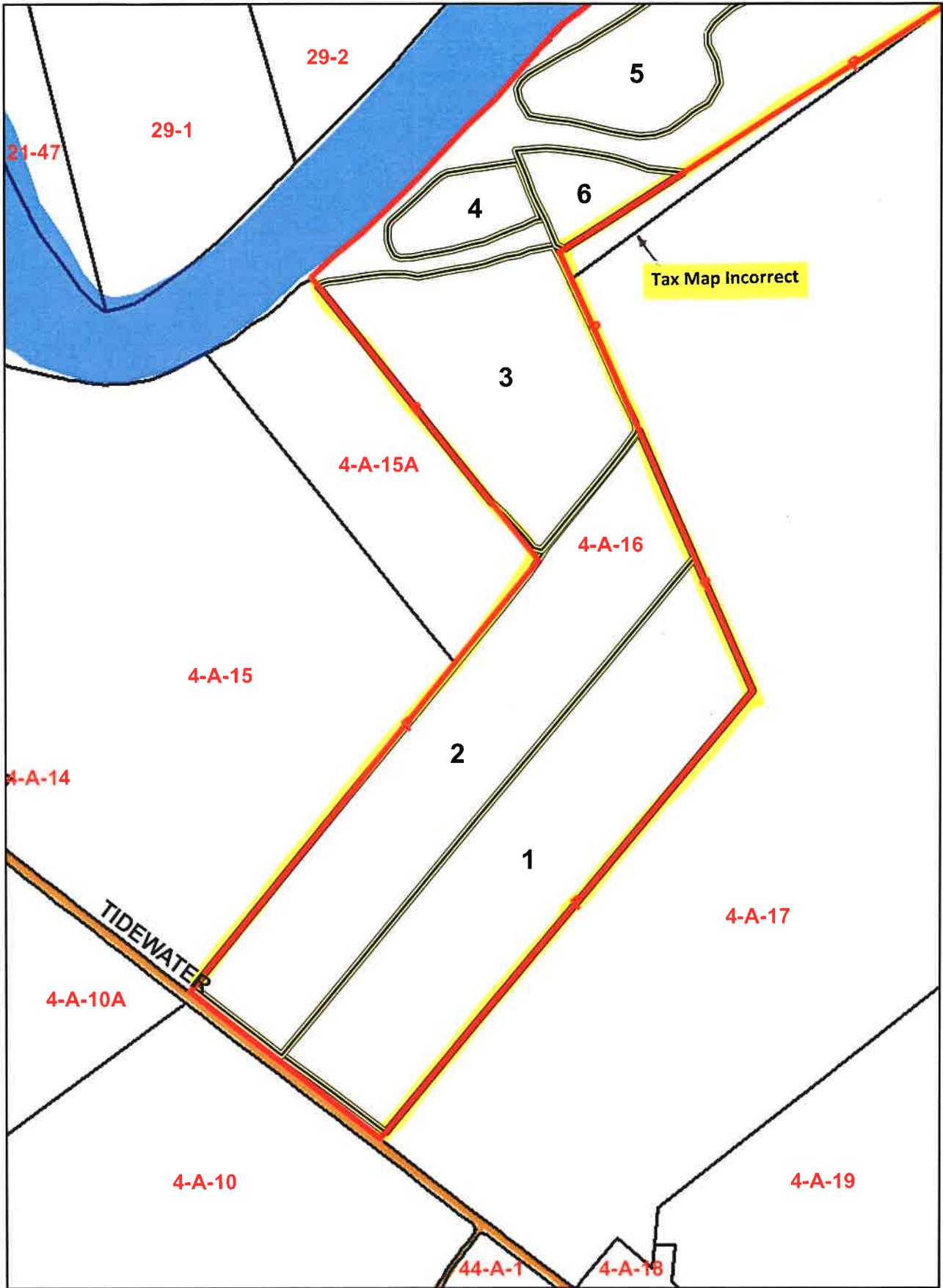


5-14-19

VICINITY MAP

1 in = 2 miles



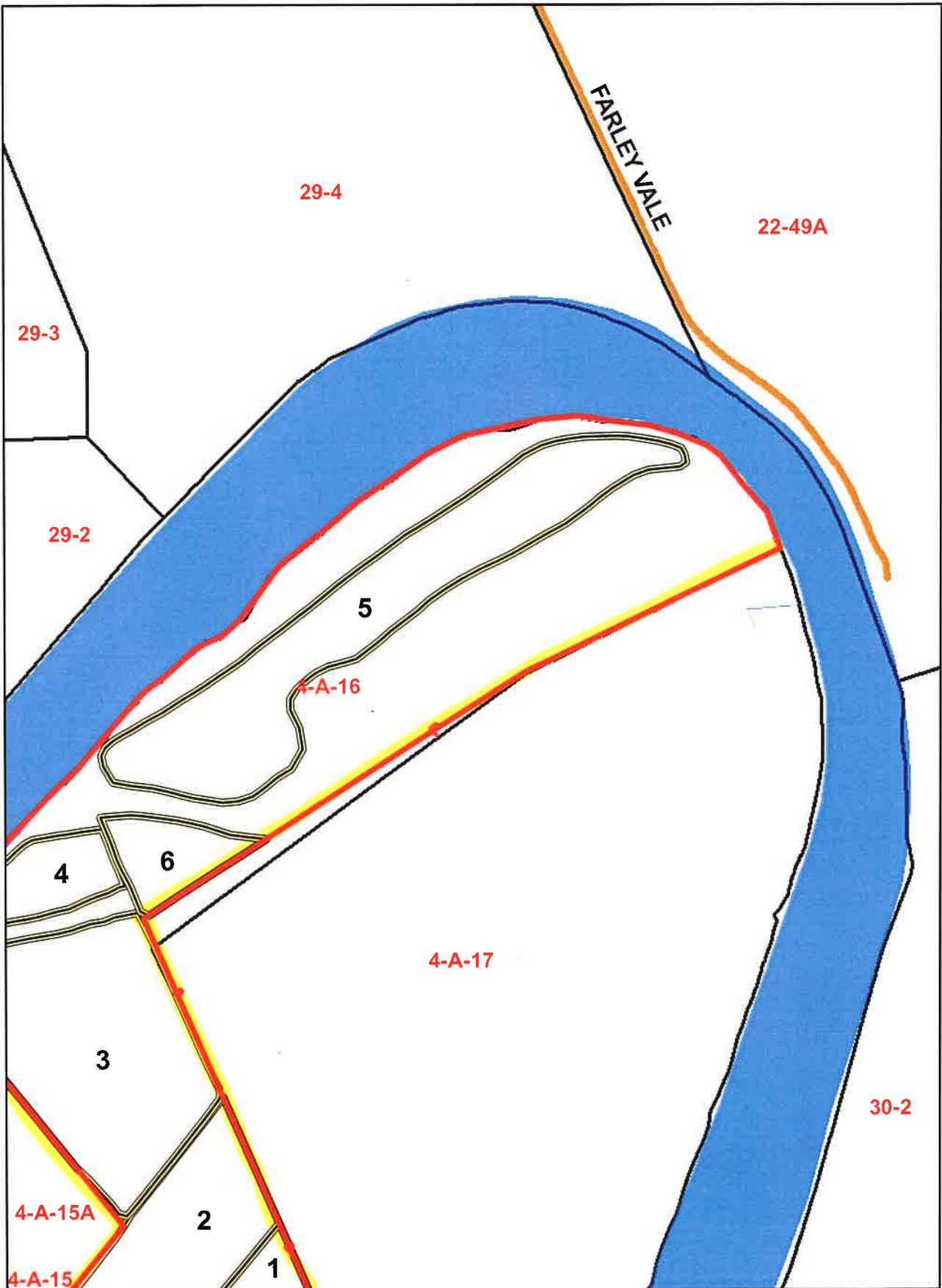


5-14-19

TAX MAP

1 in = 660 feet





5-14-19

TAX MAP

1 in = 660 feet

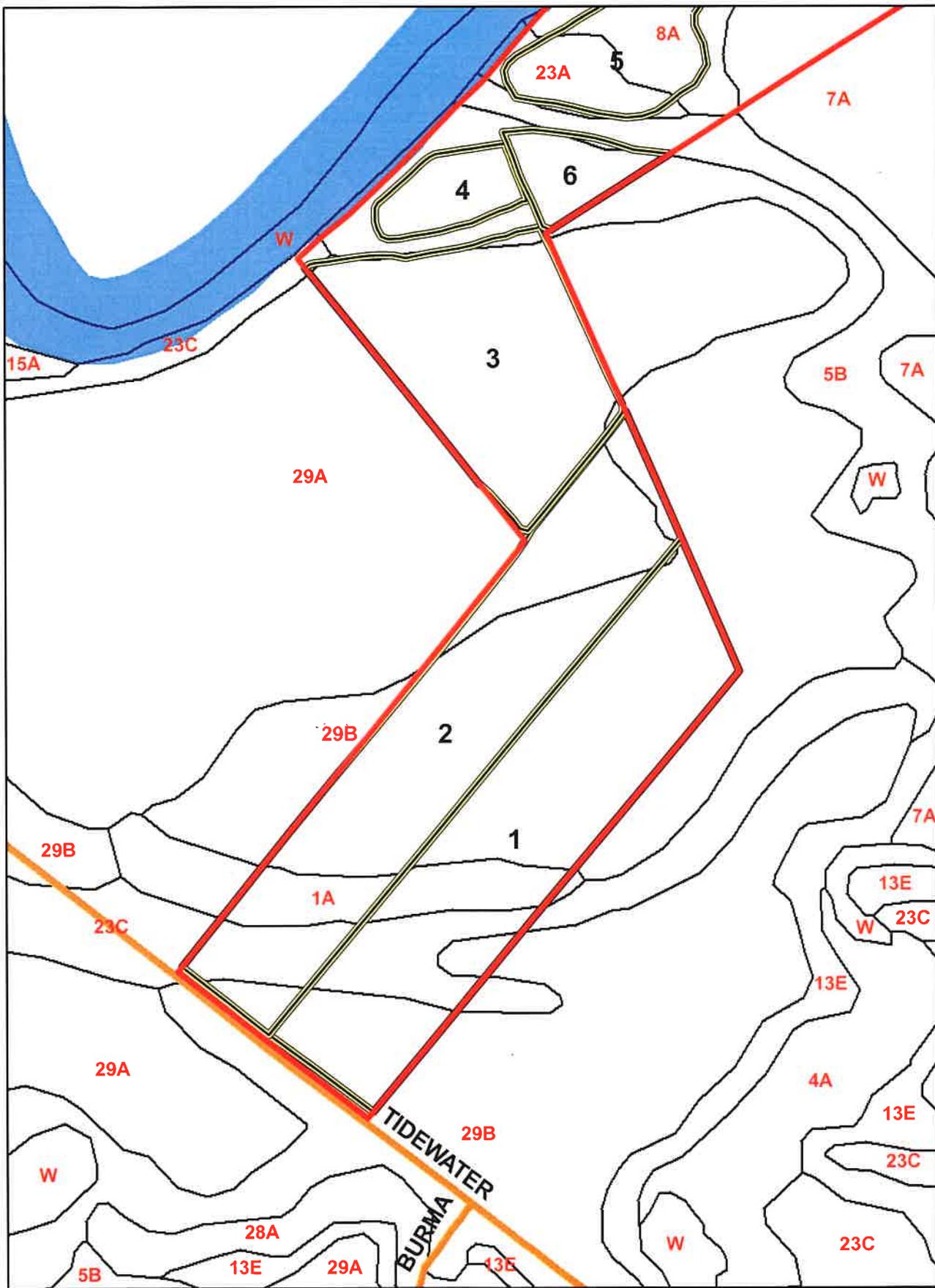


ADJOINING LANDOWNERS

THOMAS D. CROMER

CAROLINE COUNTY

Tax Map	Parcel #	Owner Name(s)
4-A	10	Moss Neck Holdings LLC
	10A	Moss Neck Holdings LLC
	10B	Moss Neck Holdings LLC
	15	Cheryl and Donald Seay
	15A	Cheryl and Donald Seay
	17	Tidewater Properties of Essex LLC



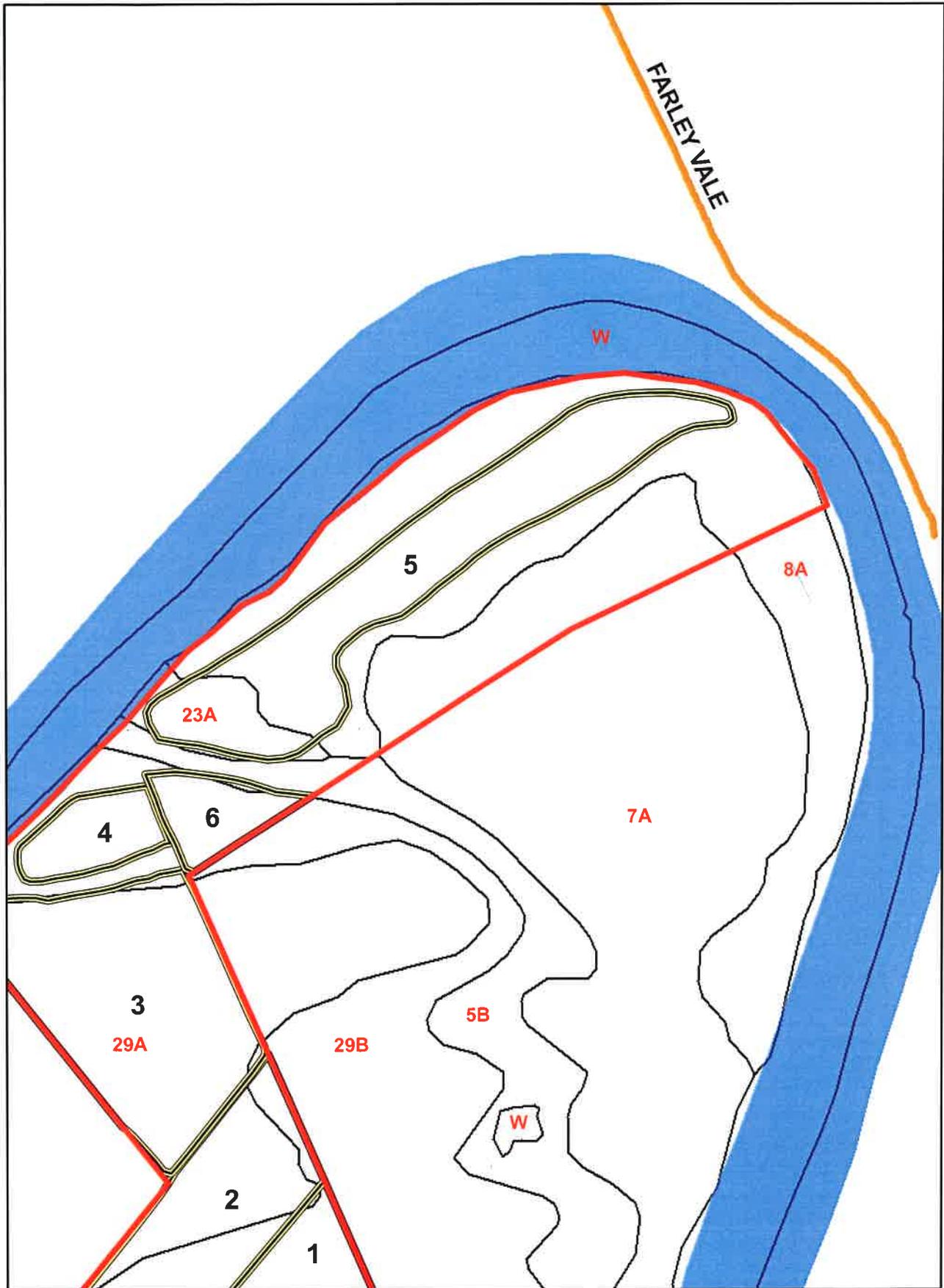
5-14-19

Frequent Flooding marked in Orange

SOIL MAP

1 in = 660 feet





5-14-19

Frequent Flooding
marked in Orange

SOIL MAP

1 in = 660 feet



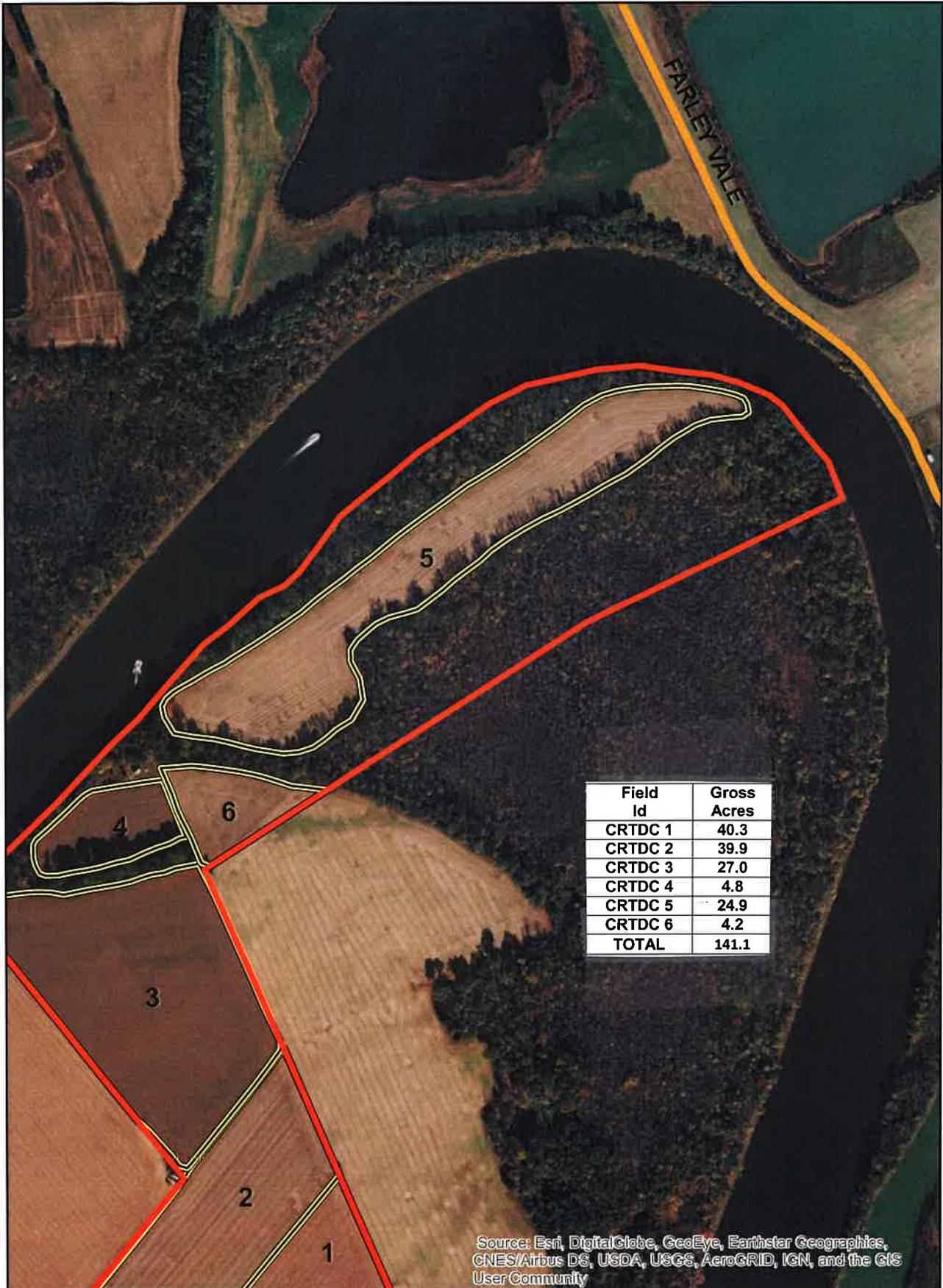


5-14-19



AERIAL MAP

1 in = 660 feet



Field Id	Gross Acres
CRTDC 1	40.3
CRTDC 2	39.9
CRTDC 3	27.0
CRTDC 4	4.8
CRTDC 5	24.9
CRTDC 6	4.2
TOTAL	141.1

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

5-14-19

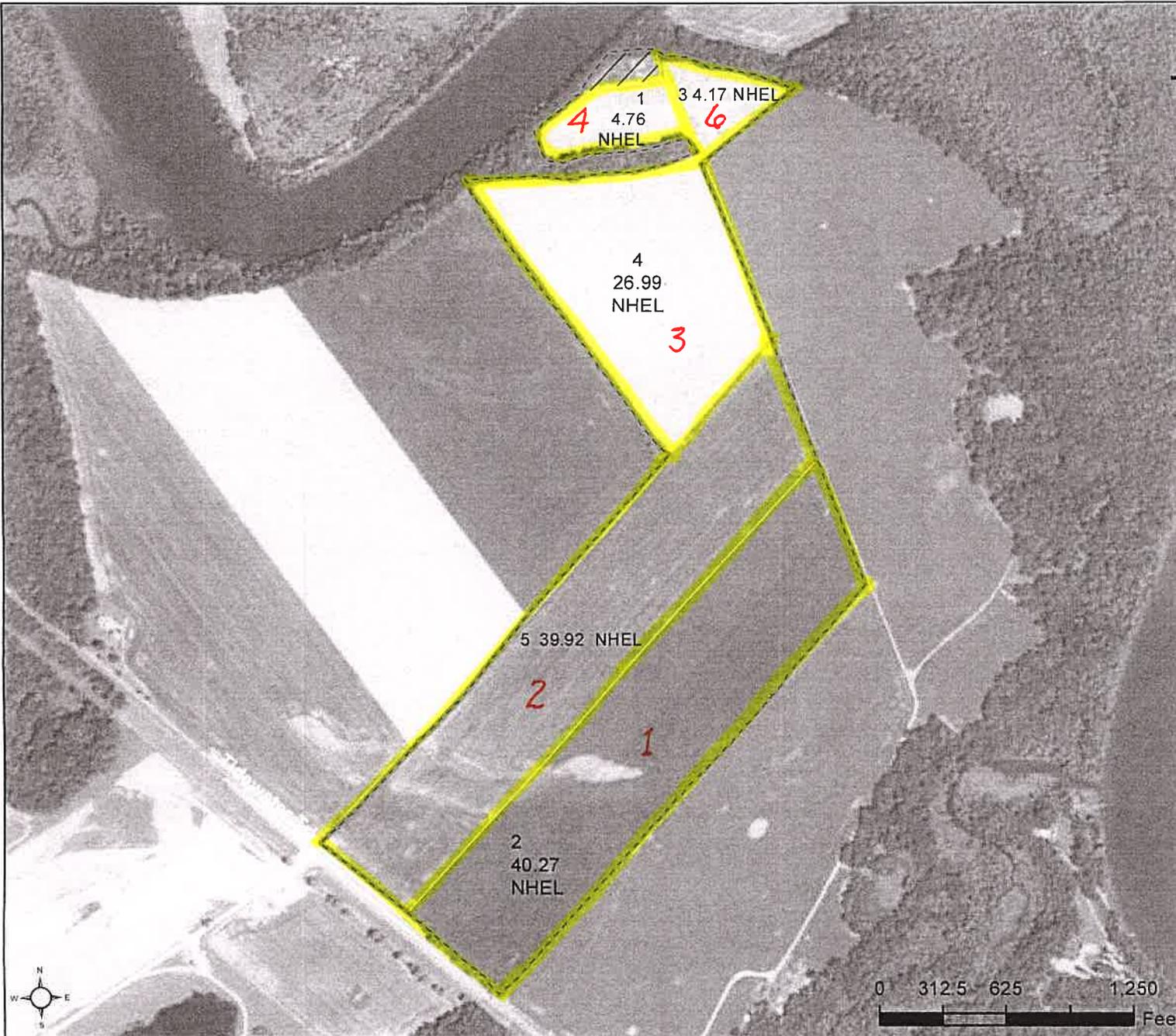


AERIAL MAP

1 in = 660 feet

Farm 2087

Tract 3146



2019 Program Year

Map Created April 02, 2019

Common Land Unit

-  Non-Cropland
-  Cropland
-  rcl_va033
-  Tract Boundary

Wetland Determination Identifiers

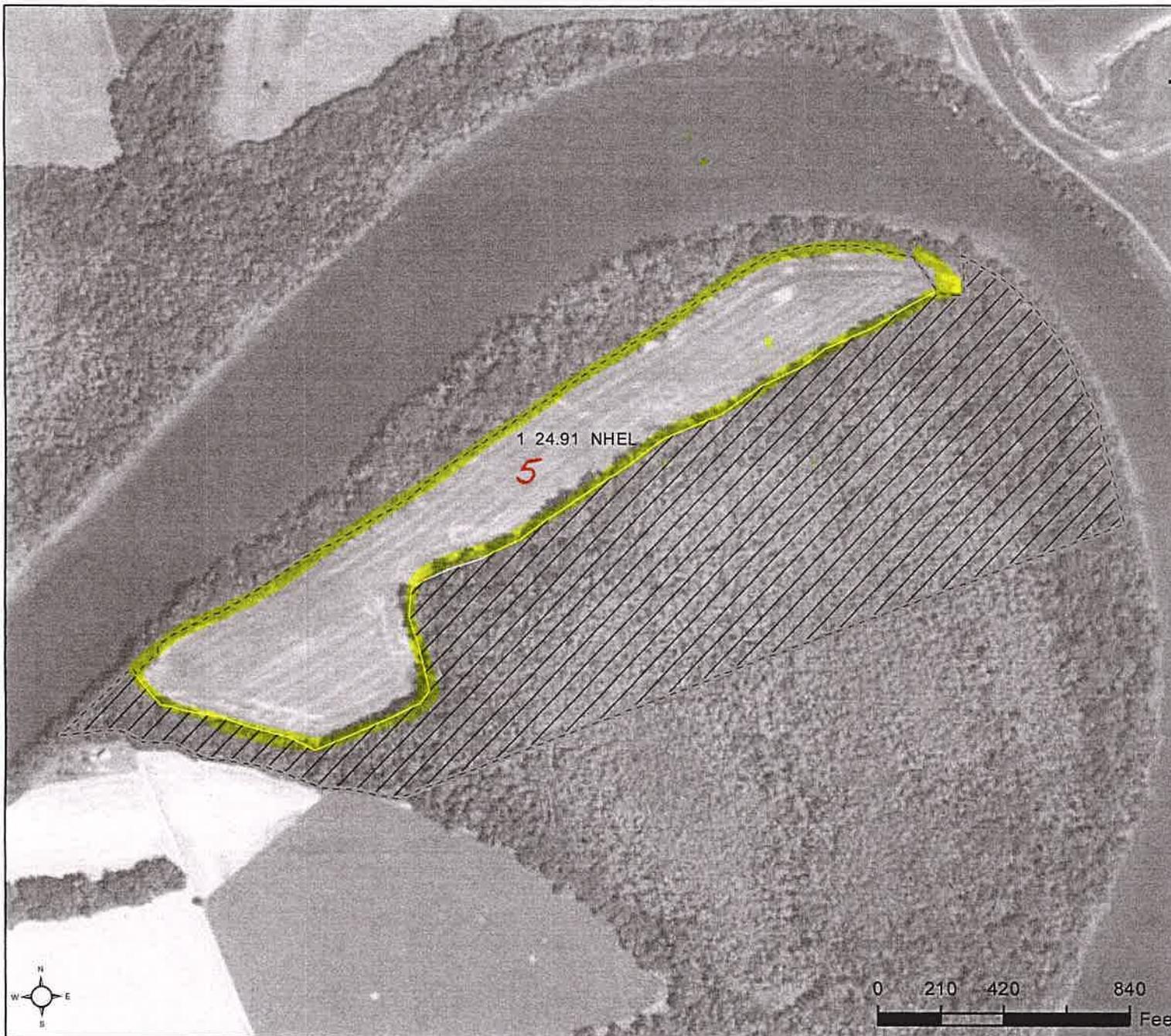
-  Restricted Use
-  Limited Restrictions
-  Exempt from Conservation Compliance Provisions

Tract Cropland Total: 116.11 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 2088

Tract 3147



2019 Program Year

Map Created April 02, 2019

Common Land Unit

-  Non-Cropland
-  Cropland
-  Tract Boundary

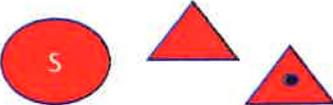
Wetland Determination Identifiers

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

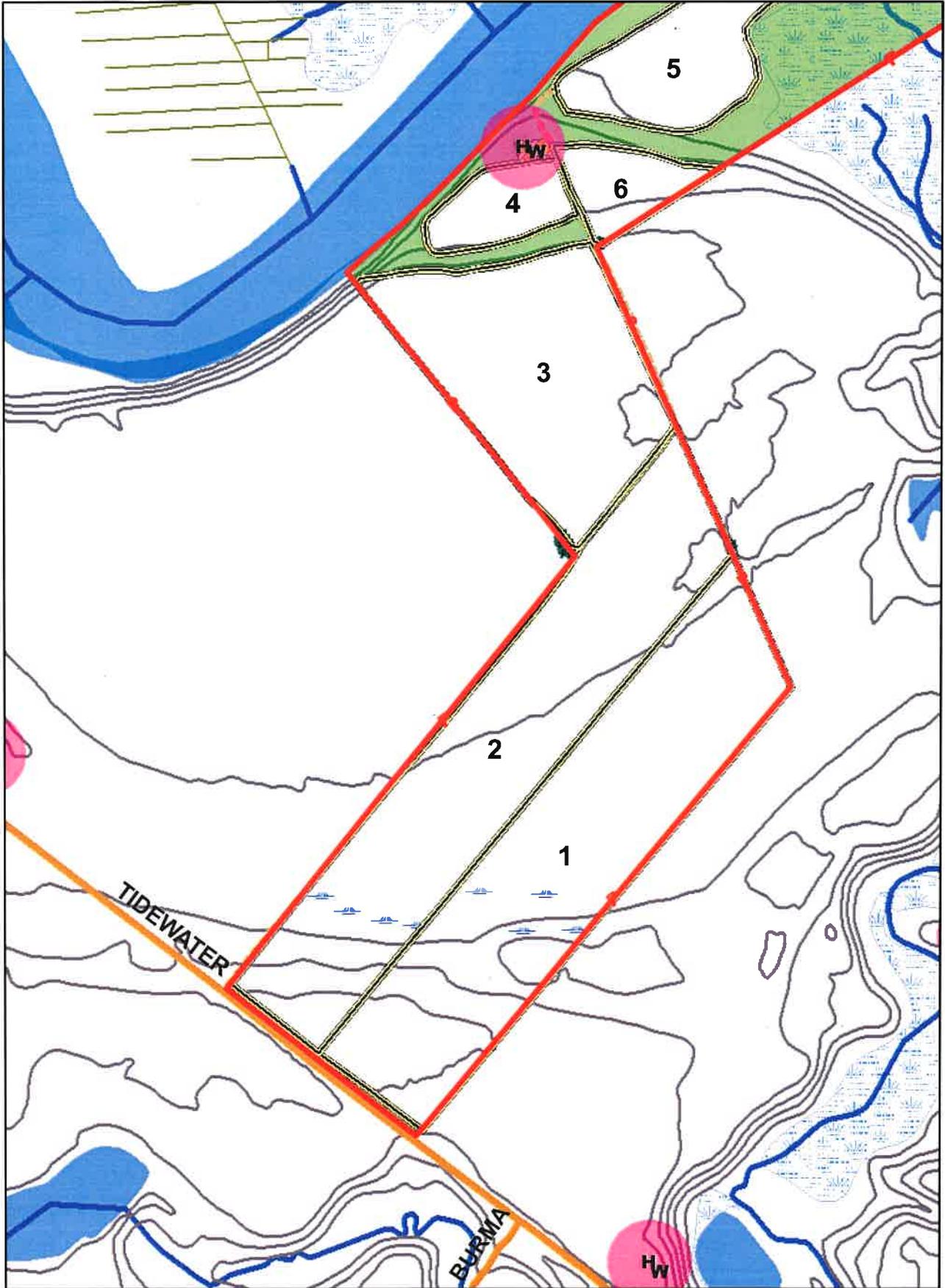
Tract Cropland Total: 24.91 acres

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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.



5-14-19

SITE PLAN

1 in = 660 feet

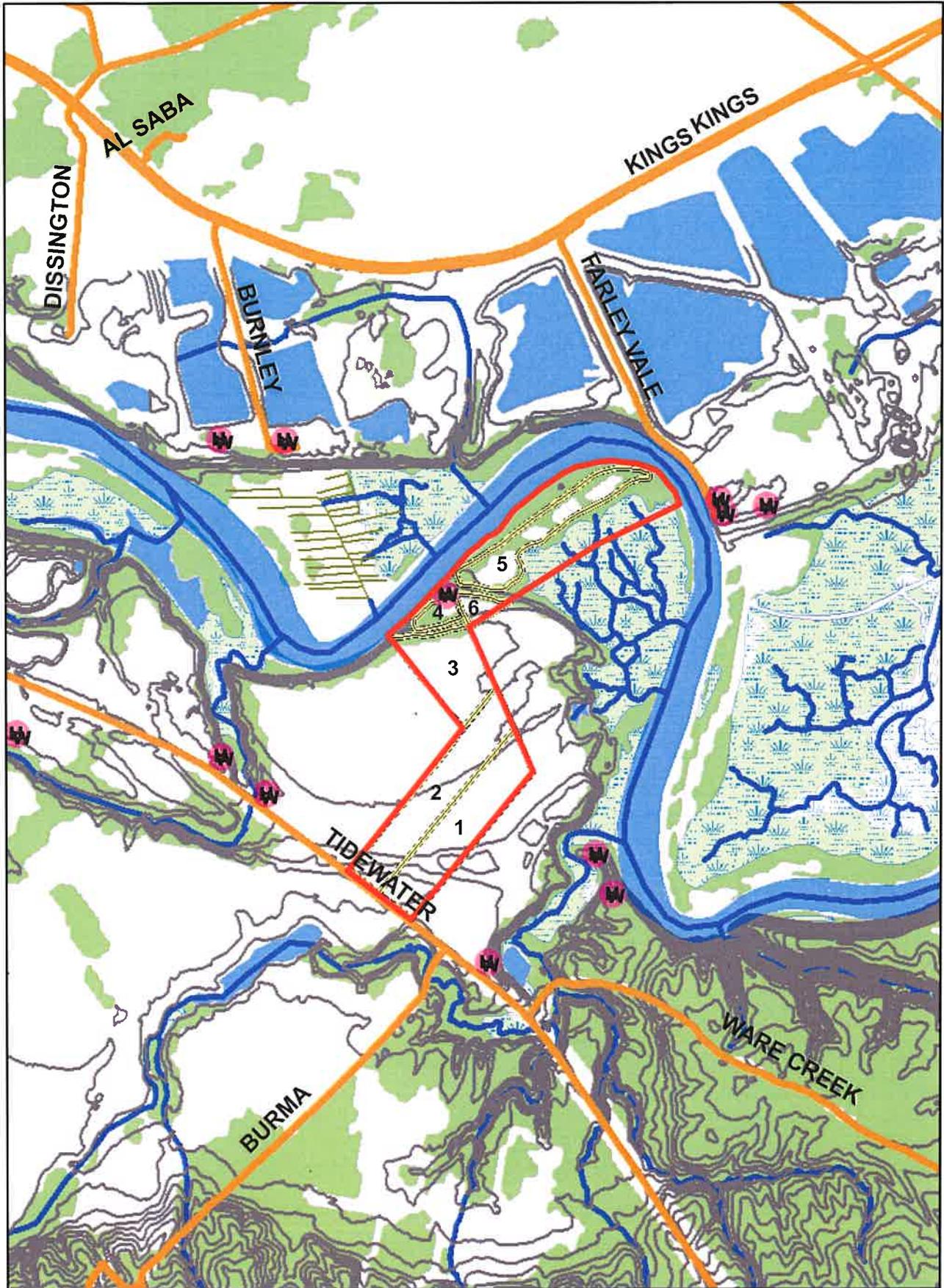




5-14-19

SITE PLAN

1 in = 660 feet



5-14-19

TOPOGRAPHIC MAP

1 in = 2,000 feet

