

LAND APPLICATION SITE

JOHN W. WILSON, JR.

KQJWW 1 - 11

KING & QUEEN COUNTY

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

Permittee: Recyc Systems, Inc
Landowner: John W. Wilson, Jr.

County or City: King & Queen Co.

Landowner Site Management Requirements:

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

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

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

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

Following biosolids application to pasture or hayland sites:

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

John W. Wilson Jr.
Landowner's Signature

1-18-14
Date

Farm Operator Signature

Mailing Address & Phone Number

FARM DATA SHEET

SITE NAME:	John W. Wilson, Jr.	COUNTY:	King & Queen
OWNER:	John W. Wilson, Jr.	OPERATOR:	See List Below
OWNER'S ADDRESS:	P.O. Box 143 St. Stephens Church, VA 23148	OPERATOR'S ADDRESS:	See List Below
OWNER'S TELEPHONE:	804-786-7727 (Home) 804-296-0709 (Cell)	OPERATOR'S TELEPHONE:	See List Below
GENERAL FARM TYPE:	Row Crops/ Pasture/ Hay	CELL PHONE:	See List Below
# CATTLE:	30	EMAIL:	-
LAGOON or SLURRY:	None	LATITUDE:	37.857
TOPO QUAD:	Aylett	LONGITUDE:	- 77.027
COMMENTS:		METHOD OF DETERMINATION:	Online Maps
	Operator for Fields 1, 2, 4 John W. Wilson, Jr. P.O. Box 143 St. Stephens Church, VA 23148 # 804-296-0709		Operator for Fields 1, 3, 5-11 Richard Schools, Jr. 8299 Newton Road St. Stephens Church, VA 23148 # 804-514-4236

SD 

6-27-18

FIELD CHANGES

OLD JOHN W. WILSON, JR. BOOK

OLD FIELD #1 IS NOW NEW FIELD # 2, 4

OLD FIELD #2 IS NOW NEW FIELD #1

OLD FIELD #3 IS NOW NEW FIELD #3.

OLD FIELD #4 IS NOW NEW FIELD #7.

FIELD CHANGES

OLD LUTHER W. WILSON BOOK

(PROPERTY NOW OWNED BY JOHN W. WILSON, JR.)

OLD FIELD #1 IS NOW NEW FIELDS 5, 6.

OLD FIELD #2 IS NOW NEW FIELD 8.

OLD FIELD #3 IS NOW NEW FIELD 9, 10.

OLD FIELD #4 IS NOW NEW FIELD 11.

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			
KQJWW 1	7.6	-	-	-	-	YO 54	32-57L-1118	T 1326 F 4
KQJWW 2	2.4	5D Nov.-Apr.	-	-	-	YO 54	32-57L-1118	T 1326 F 3
KQJWW 3	10.5	5D Nov.-Apr.	-	-	-	YO 54	32-57L-1118	T 1326 F 2
KQJWW 4N	12.5	3A Dec.-Apr. 5D Nov.-Apr.	-	-	-	YO 54	32-57L-1118	T 1326 F 1
KQJWW 5	11.4	3A Dec.-Apr. 5D Nov.-Apr.	-	-	-	YO 54	32-57L-1118B	T 1328 F 1
KQJWW 6	16.5	5D Nov.-Apr.	-	-	-	YO 54	32-57L-1118B 32-57L-1124A	T 1327 F 1
KQJWW 7	16.0	3C Dec.-Apr. 5D Nov.-Apr.	-	-	-	YO 54	32-57L-1124B	T 1325 F 1
KQJWW 8	12.1	3C Dec.-Apr.	-	-	-	YO 54	32-57L-1121	T 1290 F 4
KQJWW 9	22.9	3C Dec.-Apr. 5E Nov.-Apr.	-	-	-	YO 54	32-57L-1121	T 1290 F 2
KQJWW 10	9.5	5D Nov.-Apr. 5E Nov.-Apr.	-	-	-	YO 54	32-57L-1121	T 1290 F 3
KQJWW 11	57.4	5D Nov.-Apr. 5E Nov.-Apr.	-	-	-	YO 54	32-57L-1121	T 1290 F 1
TOTAL ACRES IN SITE	178.8							

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: John W. Wilson, Jr.

County or City: King & Queen

Please Print

Signature not required on this page

<u>Tax Parcel ID(s)</u>	<u>Landowners (s)</u>
32-57L-1118	John W. Wilson, Jr.
32-57L-1118B	John W. Wilson, Jr.
32-57L-1121	John W. Wilson, Jr.
32-57L-1124A	John W. Wilson, Jr.
32-57L-1124B	John W. Wilson, Jr.

THE PLANNER IS NOT STATE CERTIFIED

Nutrient Management Plan Balance Sheet
(Fall, 2018-Winter, 2020)
John W. Wilson, Jr.
Planner: John Doe

Tract: 1290 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/KQJWW 8(N)	12/12	2018 2019	Wheat (grain)	100-60-60 --- --	20/0				80-60-60	N/A		
2/KQJWW 9(N)	23/23	2018 2019	Wheat (grain)	100-60-60 --- --	20/0				80-60-60	N/A		
3/KQJWW 10(N)	10/10	2018 2019	Wheat (grain)	100-60-60 --- --	20/0				80-60-60	N/A		
1/KQJWW 11(N)	57/57	2018 2019	Wheat (grain)	100-60-60 --- --	0/0				100-60-60	N/A		

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

Notes:

Tract: 1325 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	
1/KQJWW 7(N)	16/16	2018 2019	Wheat (grain)	100-60-60 --- --	20/0				80-60-60	N/A			

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

Tract: 1326 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 - applied N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
4/KQJWW 1(N)	8/8	2018 2019	Wheat (grain)	100-60-60 -- -- --	0/0				100-60-60	N/A			
3/KQJWW 2(N)	2/2	2018	Grass Pasture	50-80-80	0/0				50-80-80	N/A			
2/KQJWW 3(N)	9/9	2018 2019	Wheat (grain)	100-60-60 -- -- --	0/0				100-60-60	N/A			
1/KQJWW 4(N)	13/13	2018	Hay/Pasture	120-80-170	0/0				120-80-170	N/A			

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

Tract: 1327 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	
1/KQJWW 6(N)	17/17	2018 2019	Wheat (grain)	100-60-60 --- --	20/0				80-60-60	N/A			

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

Tract: 1328 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
1/KQJWW 5(N)	11/11	2018	Wheat (grain)	100-60-60	20/0				80-60-60	N/A		
		2019 Soybeans (DC)	-- -- -- 0-60-60	0/0				0-120-120	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
1290	KQJWW 8	12	[No Test]						
1290	KQJWW 9	23	[No Test]						
1290	KQJWW 10	10	[No Test]						
1290	KQJWW 11	57	[No Test]						
1325	KQJWW 7	16	[No Test]						
1326	KQJWW 1	8	[No Test]						
1326	KQJWW 2	2	[No Test]						
1326	KQJWW 3	9	[No Test]						
1326	KQJWW 4	13	[No Test]						
1327	KQJWW 6	17	[No Test]						
1328	KQJWW 5	11	[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
1290	1290/4	KQJWW 8	12	Emporia	IVa	III	III	III	
	1290/2	KQJWW 9*	23	Emporia	IIIa	II	III	II	High Slope
	1290/3	KQJWW 10*	10	Rumford	IVa	II	III	III	High Leaching, High Slope
	1290/1	KQJWW 11*	57	Mattaponi	IIIa	II	III	II	High Leaching, High Slope
1325	1325/1	KQJWW 7	16	Emporia	IIIb	II	III	III	
1326	1326/4	KQJWW 1	8	Emporia	IIIa	II	III	II	
	1326/3	KQJWW 2	2	Emporia	IIIb	II	III	II	
	1326/2	KQJWW 3	9	Emporia	IIIb	II	III	II	
	1326/1	KQJWW 4*	13	Emporia	IVa	III	III	III	High Slope
1327	1327/1	KQJWW 6	17	Emporia	IIIa	II	III	II	
1328	1328/1	KQJWW 5*	11	Emporia	IIIb	III	III	III	High Slope

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

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

Field Warnings:

Field Name: KQJWW 9

Total Acres: 22.90 Usable Acres: 22.90

FSA Number: 2

Tract: 1290

Location: King & Queen

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
4	3C	Craven
24	4B	Emporia
35	5E	Emporia Slagle
37	9B	Mattaponi

Field Warnings:

Environmentally Sensitive Soils due to:

Soils with perent slope in excess of 15%

Field Name: KQJWW 10

Total Acres: 9.50 Usable Acres: 9.50

FSA Number: 3

Tract: 1290

Location: King & Queen
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
18	4B	Emporia
8	5D	Emporia Slagle
4	5E	Emporia Slagle
33	9B	Mattaponi
37	14C	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%

Field Name: KQJWW 11

Total Acres: 57.40 Usable Acres: 57.40

FSA Number: 1

Tract: 1290

Location: King & Queen

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
1	14C	Rumford
11	4B	Emporia
10	5D	Emporia Slagle
29	5E	Emporia Slagle
50	9B	Mattaponi

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%

Tract Name: 1325

FSA Number: 1325

Location: King & Queen

Field Name: KQJWW 7

Total Acres: 16.00 Usable Acres: 16.00

FSA Number: 1

Tract: 1325

Location: King & Queen

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
26	3C	Craven
74	4B	Emporia

Field Warnings:

Tract Name: 1326

FSA Number: 1326

Location: King & Queen

Field Name: KQJWW 1

Total Acres: 7.60 Usable Acres: 7.60

FSA Number: 4

Tract: 1326

Location: King & Queen

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	4B	Emporia

Field Warnings:

Field Name: KQJWW 2

Total Acres: 2.00 Usable Acres: 2.00

FSA Number: 3

Tract: 1326

Location: King & Queen

Slope Class: C Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
73	4B	Emporia
27	5D	Emporia Slagle

Field Warnings:

Field Name: KQJWW 3

Total Acres: 8.90 Usable Acres: 8.90
FSA Number: 2
Tract: 1326
Location: King & Queen
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
23	5D	Emporia Slagle
77	4B	Emporia

Field Warnings:

Field Name: KQJWW 4

Total Acres: 12.50 Usable Acres: 12.50
FSA Number: 1
Tract: 1326
Location: King & Queen
Slope Class: D Hydrologic Group: C

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

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
6	3A	Craven
19	4B	Emporia
75	5D	Emporia Slagle

Field Warnings:

Environmentally Sensitive Soils due to:

Soils with perent slope in excess of 15%

Tract Name: 1327

FSA Number: 1327

Location: King & Queen

Field Name: KQJWW 6

Total Acres: 16.50 Usable Acres: 16.50

FSA Number: 1

Tract: 1327

Location: King & Queen

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

15

3A

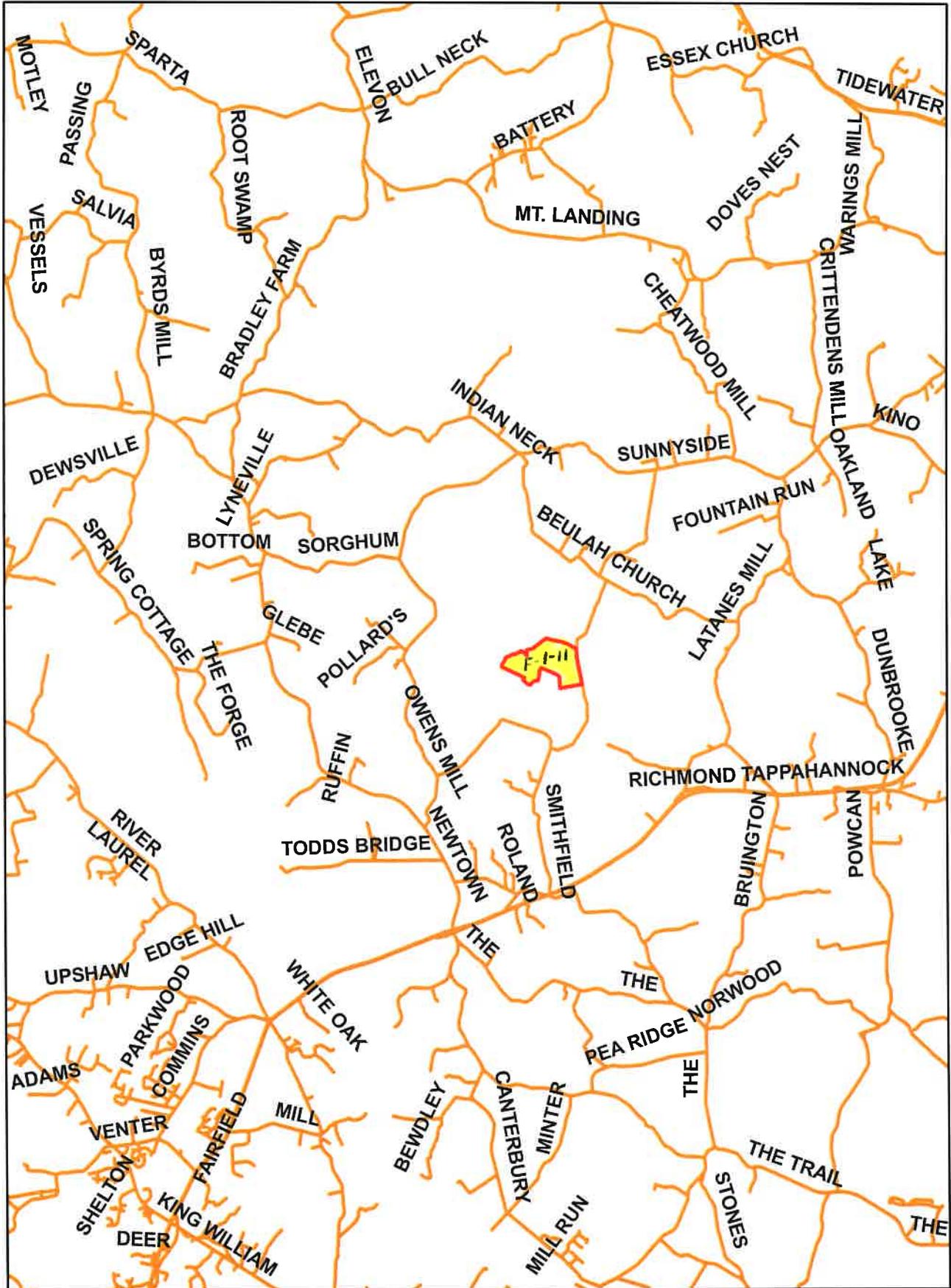
Craven

Field Warnings:

Environmentally Sensitive Soils due to:

Soils with percent slope in excess of 15%

MAPS

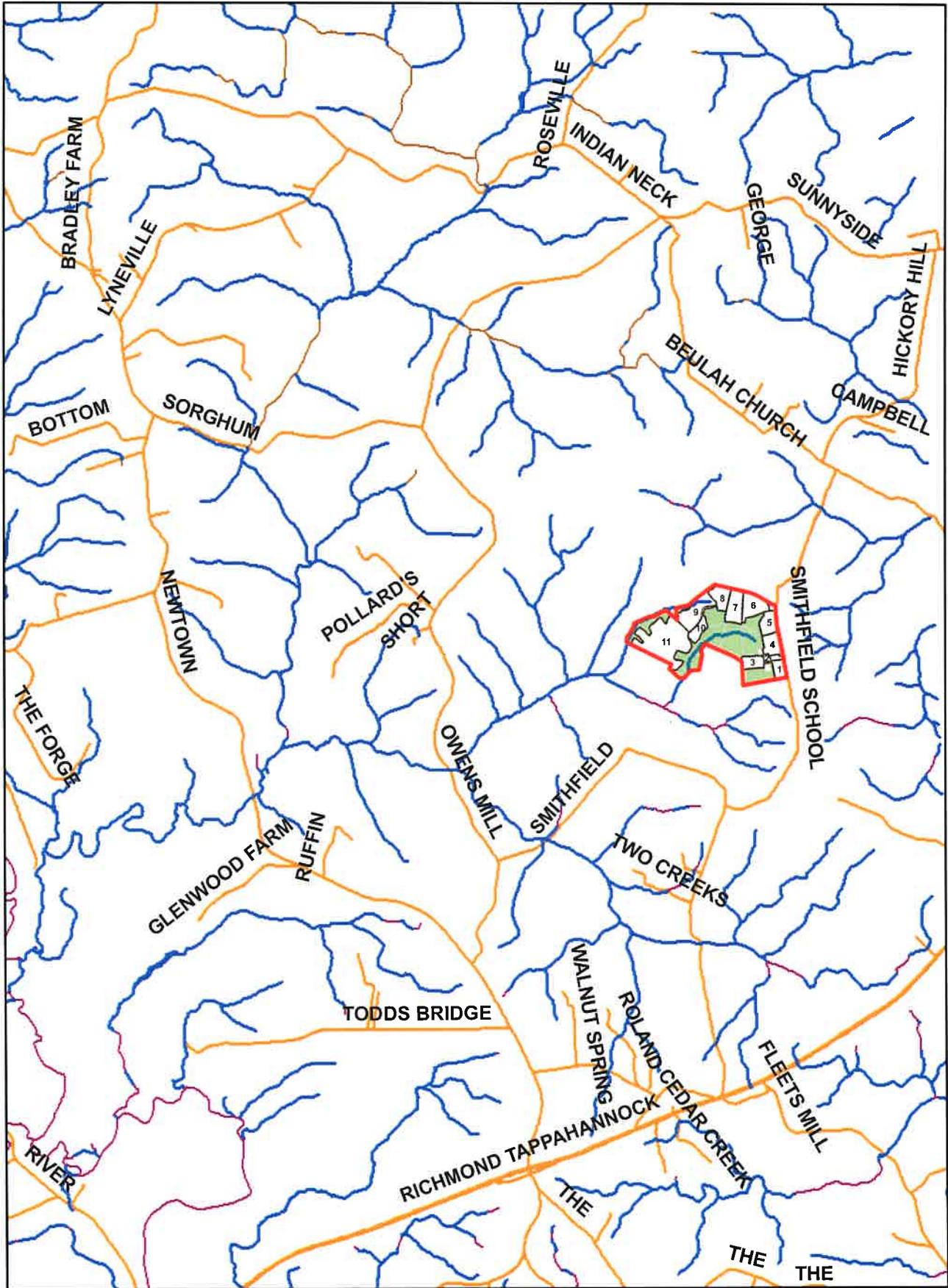


6-27-18

VICINITY MAP

1 in = 2 miles



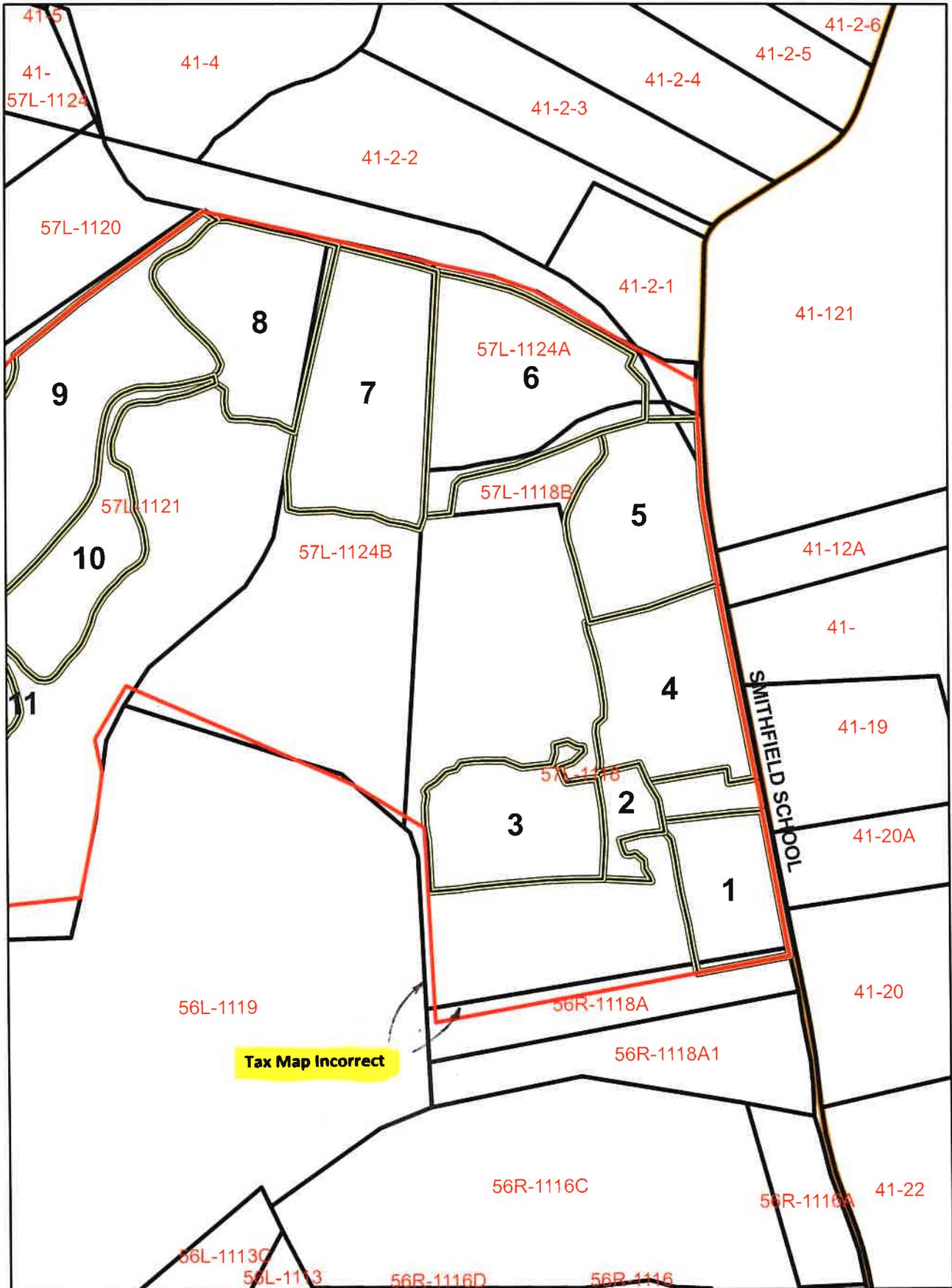


6-27-18

VICINITY MAP

1 in = 1 miles





Tax Map Incorrect

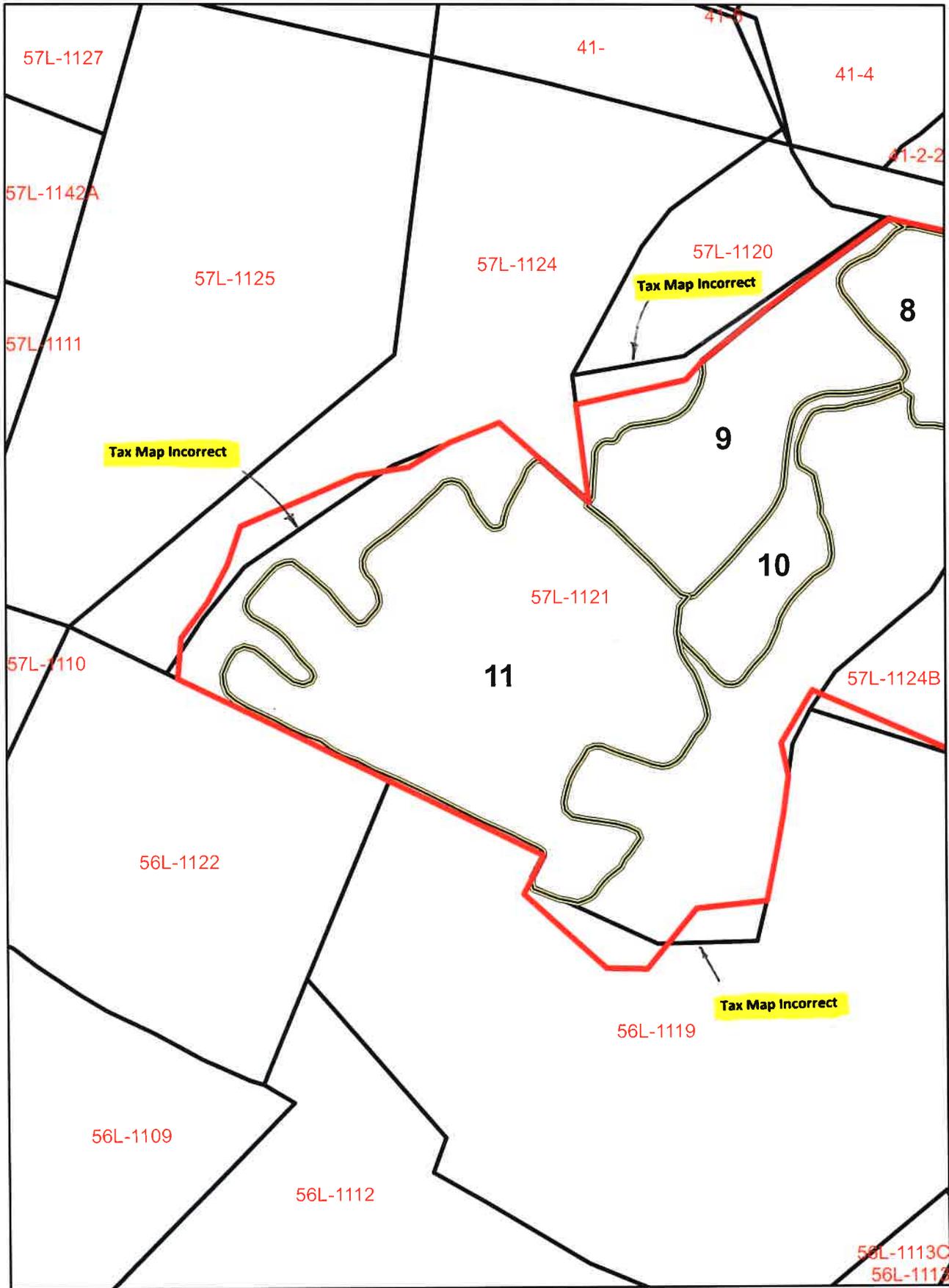
SMITHFIELD SCHOOL



6-27-18

TAX MAP

1 in = 660 feet



6-27-18

TAX MAP

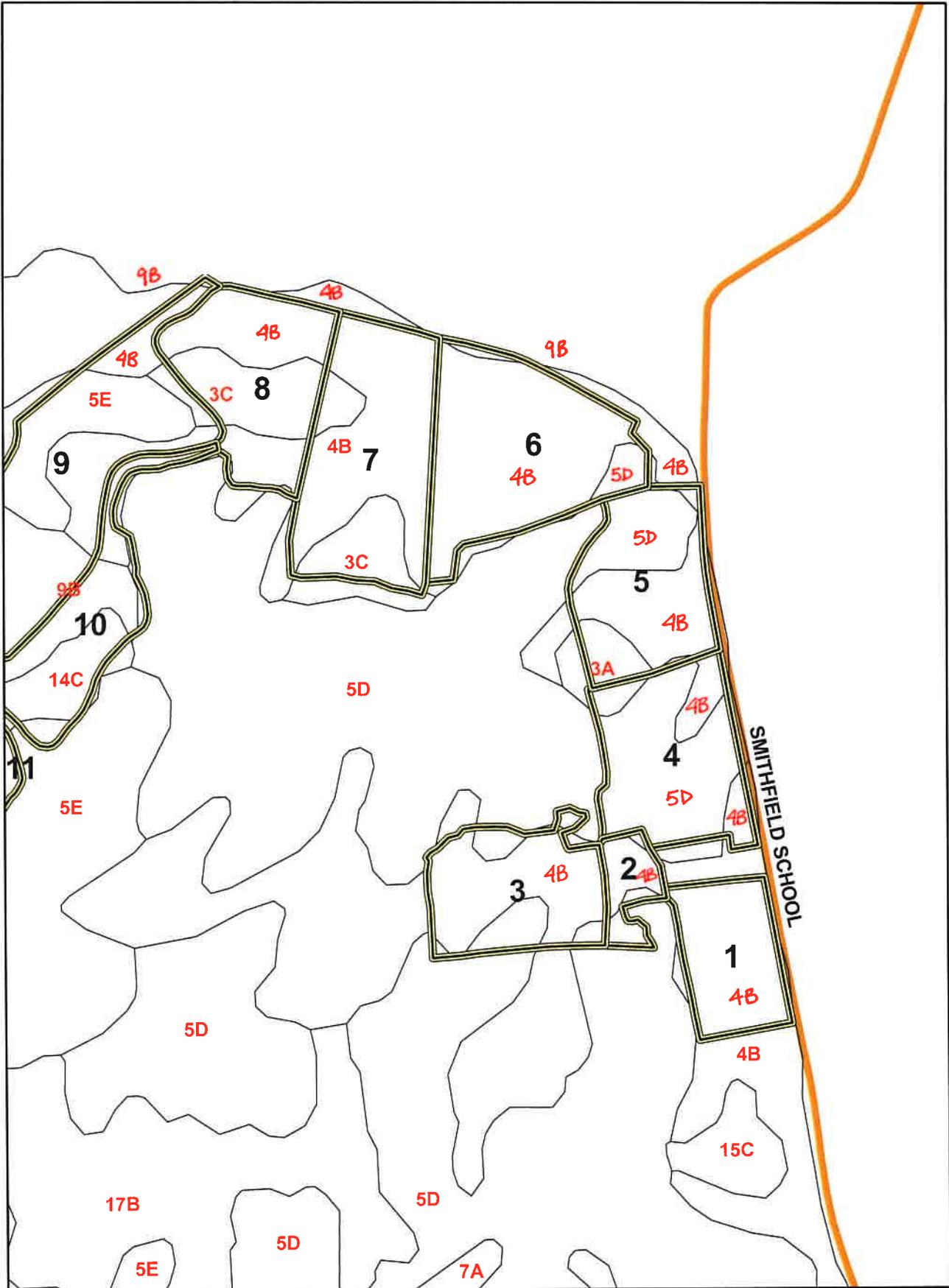
1 in = 660 feet

ADJOINING LANDOWNERS

John W. Wilson, Jr.

KING & QUEEN COUNTY

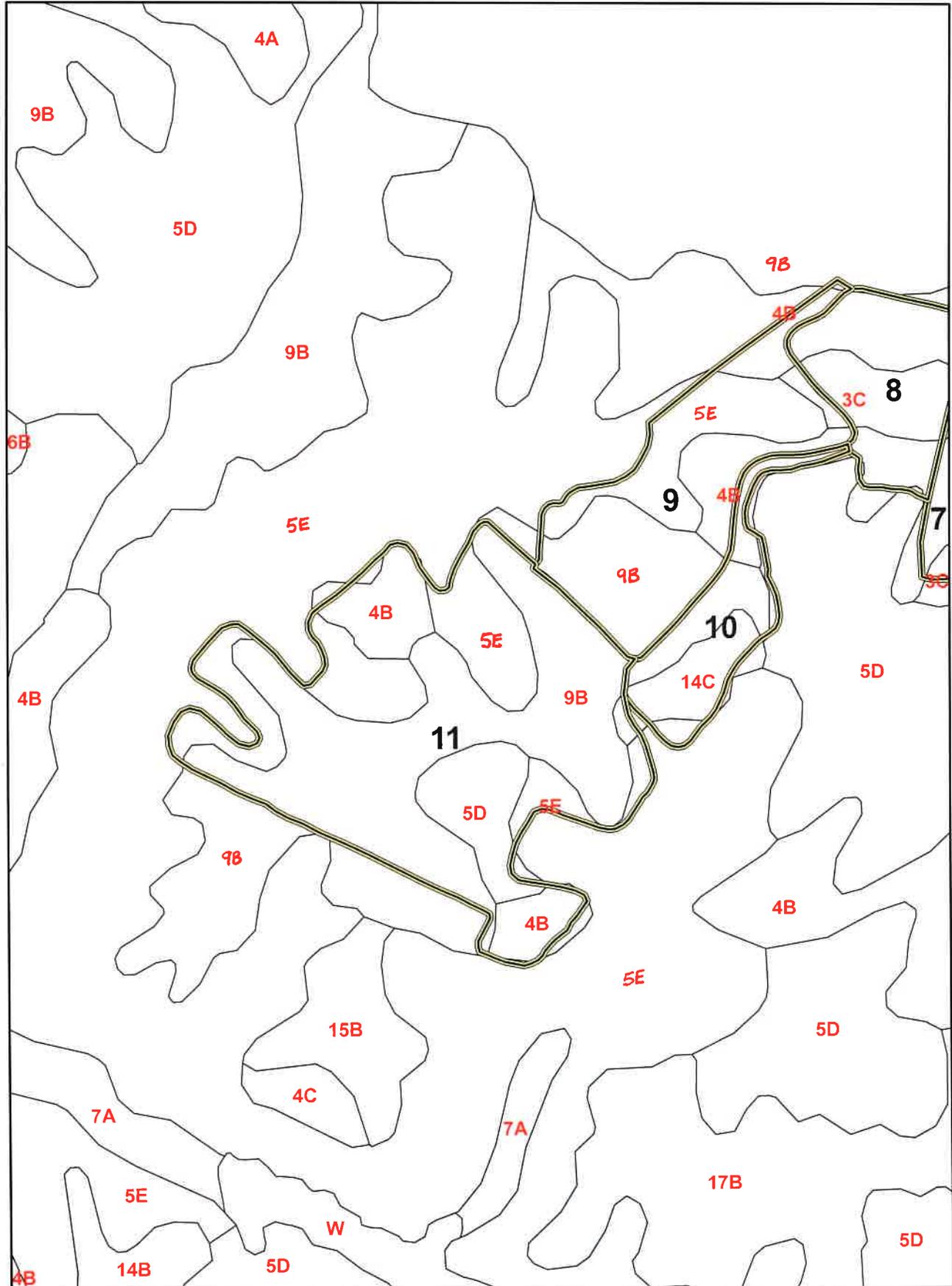
Tax Map	Parcel #	Owner Name(s)
32	56R-1118A 56R-1118A-1 56L-1119 56L-1122 57L-1124	James B. Wilson et. ux. James B. Wilson et. ux. C. Scott Mitchell and Ann M. Ransone Steven F. Kelly Steven F. Kelly
ESSEX COUNTY		
41	2-1 2-2 4 121 12A 19 20A 20	Richard Wm. Messinger Wayne D. Miles, Jr. Anne G. Bell Guerry A. Higgason Kenneth W. West John W. Brooks et. ux. Christopher J. Hayes Shirley C. Parker et. als.



6-27-18

SOIL MAP

1 in = 660 feet

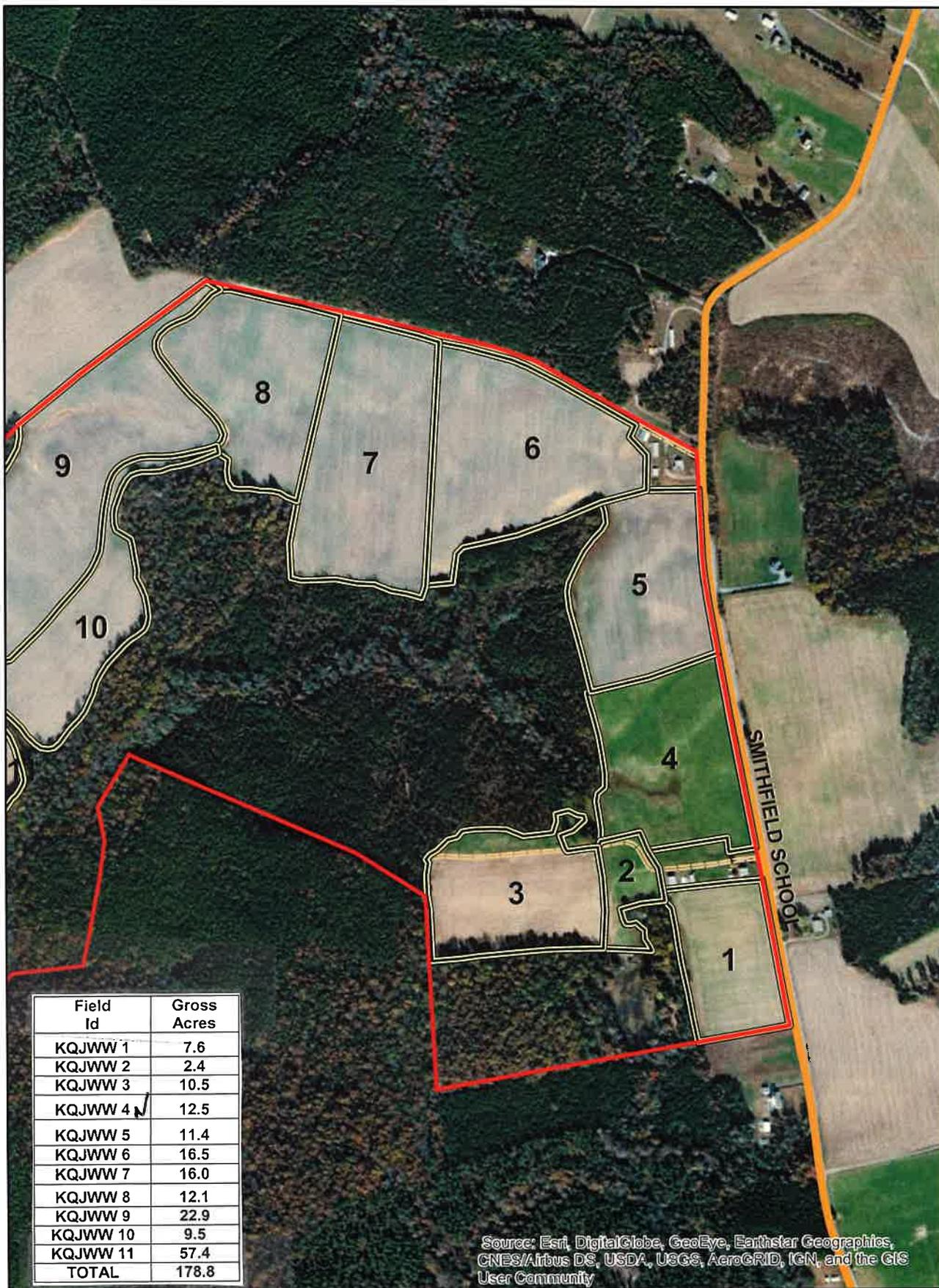


6-27-18

 Frequent Flooding

SOIL MAP

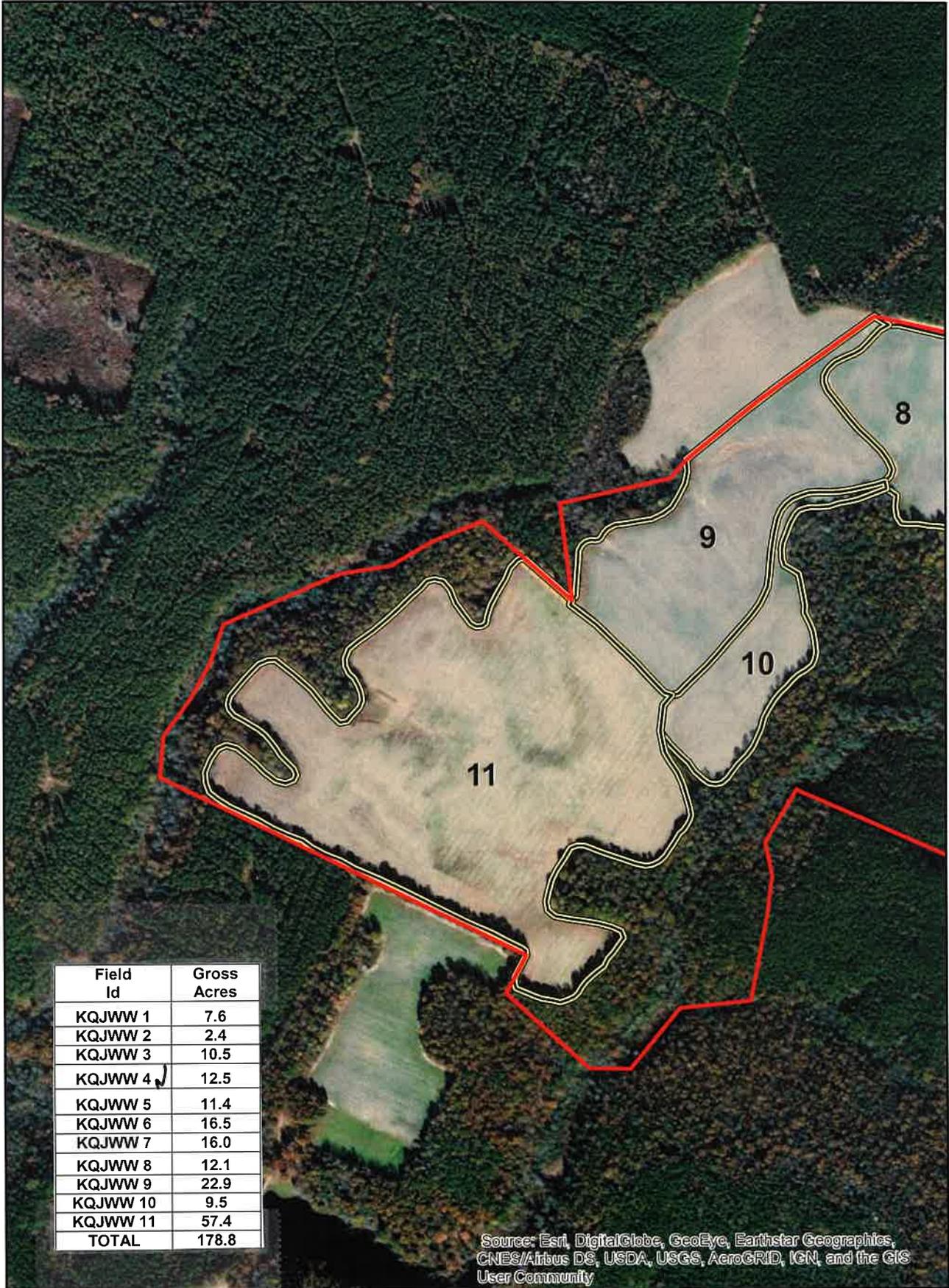
1 in = 660 feet



6-27-18

AERIAL MAP

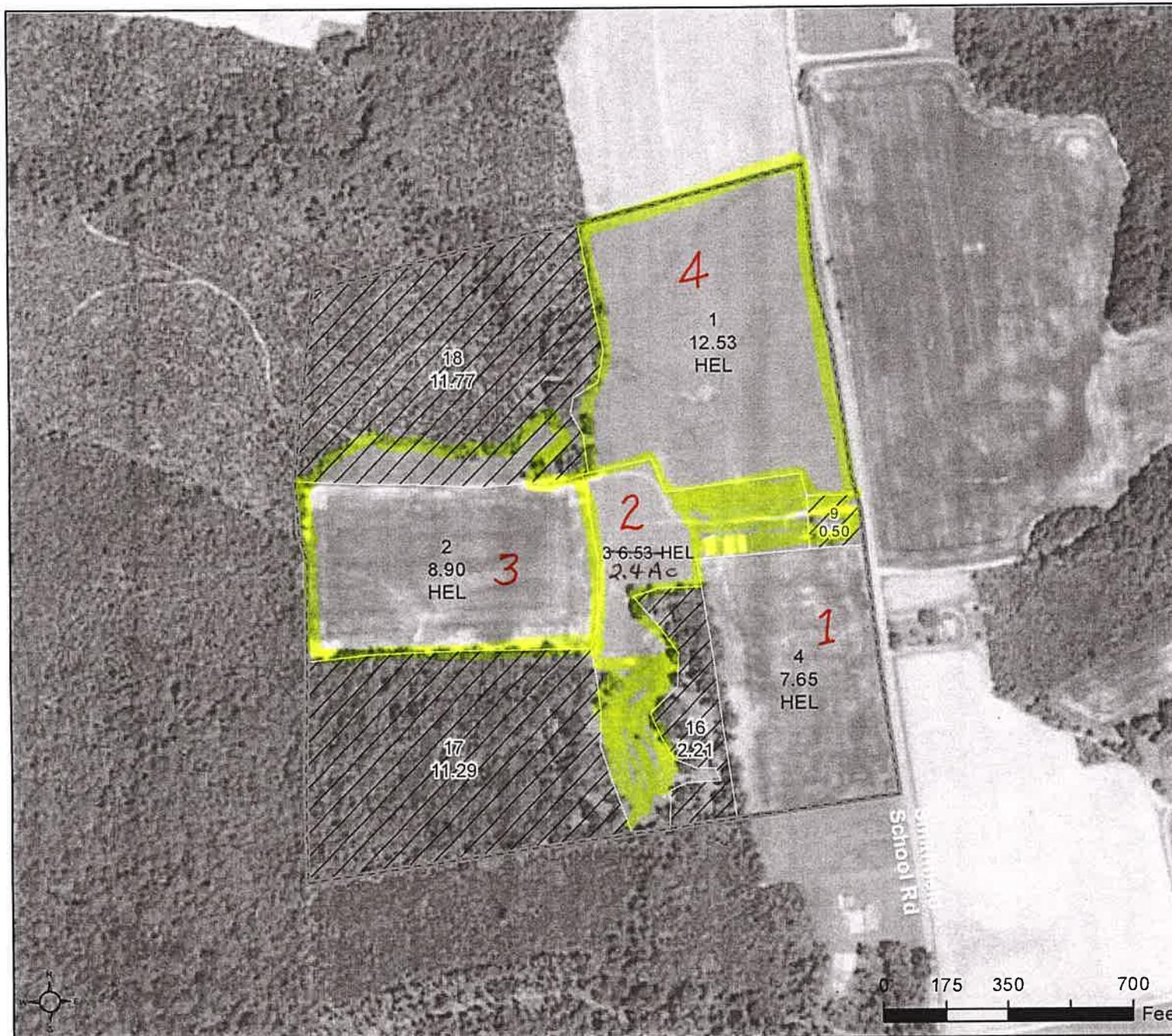
1 in = 660 feet



6-27-18

AERIAL MAP

1 in = 660 feet



2018 Program Year

Map Created May 15, 2018

Common Land Unit

- Non-Cropland
- Cropland
- rcl_va097
- Tract Boundary

NAIPUSDA_CONUS_PRIME

RGB

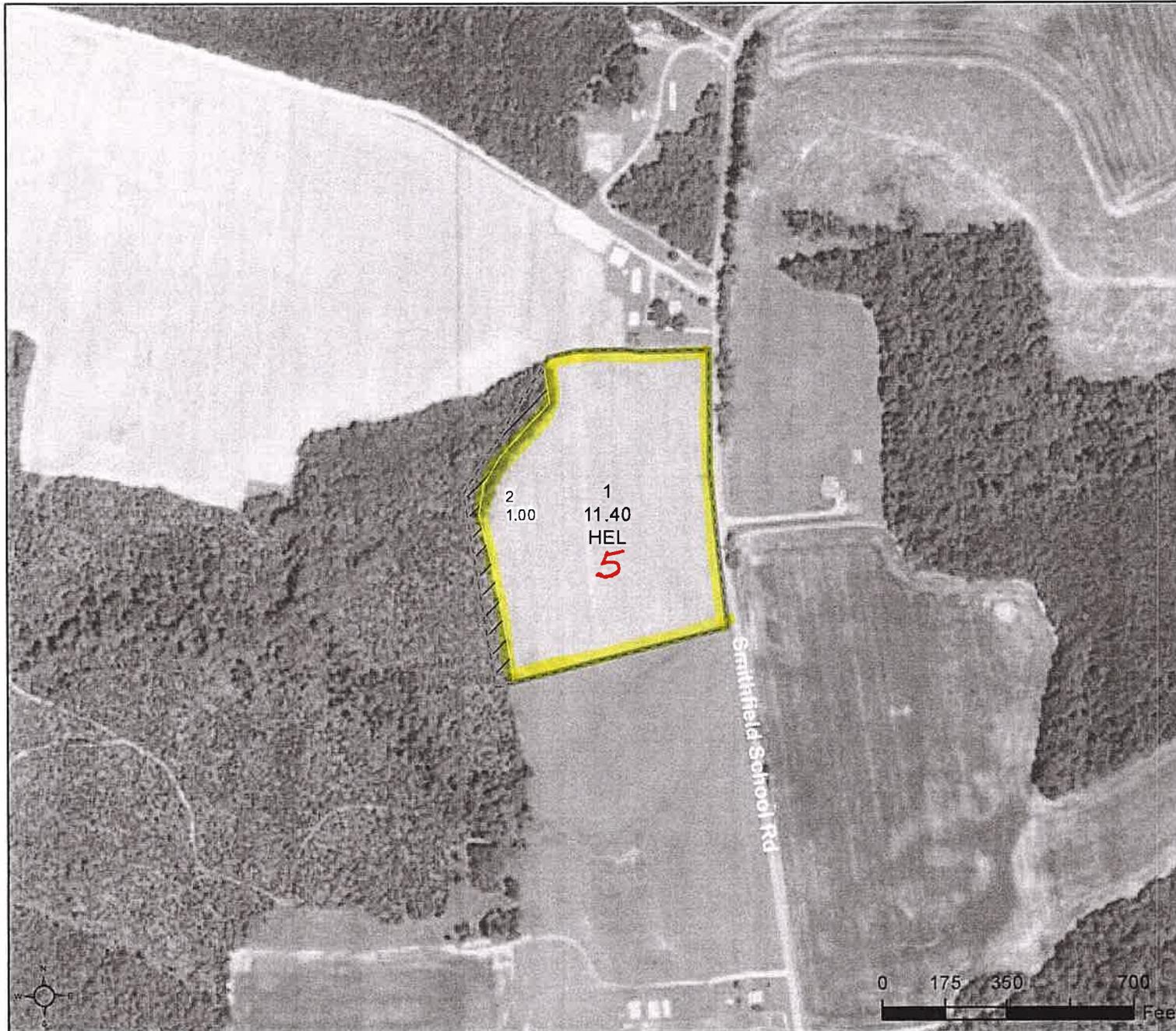
- Red: Band_1
- Green: Band_2
- Blue: Band_3

Wetland Determination Identifiers

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

Tract Cropland Total: 35.61 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).



2018 Program Year

Map Created May 15, 2018

Common Land Unit

- / Non-Cropland
- Cropland
- rcl_va097
- Tract Boundary

NAIP/USDA_CONUS_PRIME

RGB

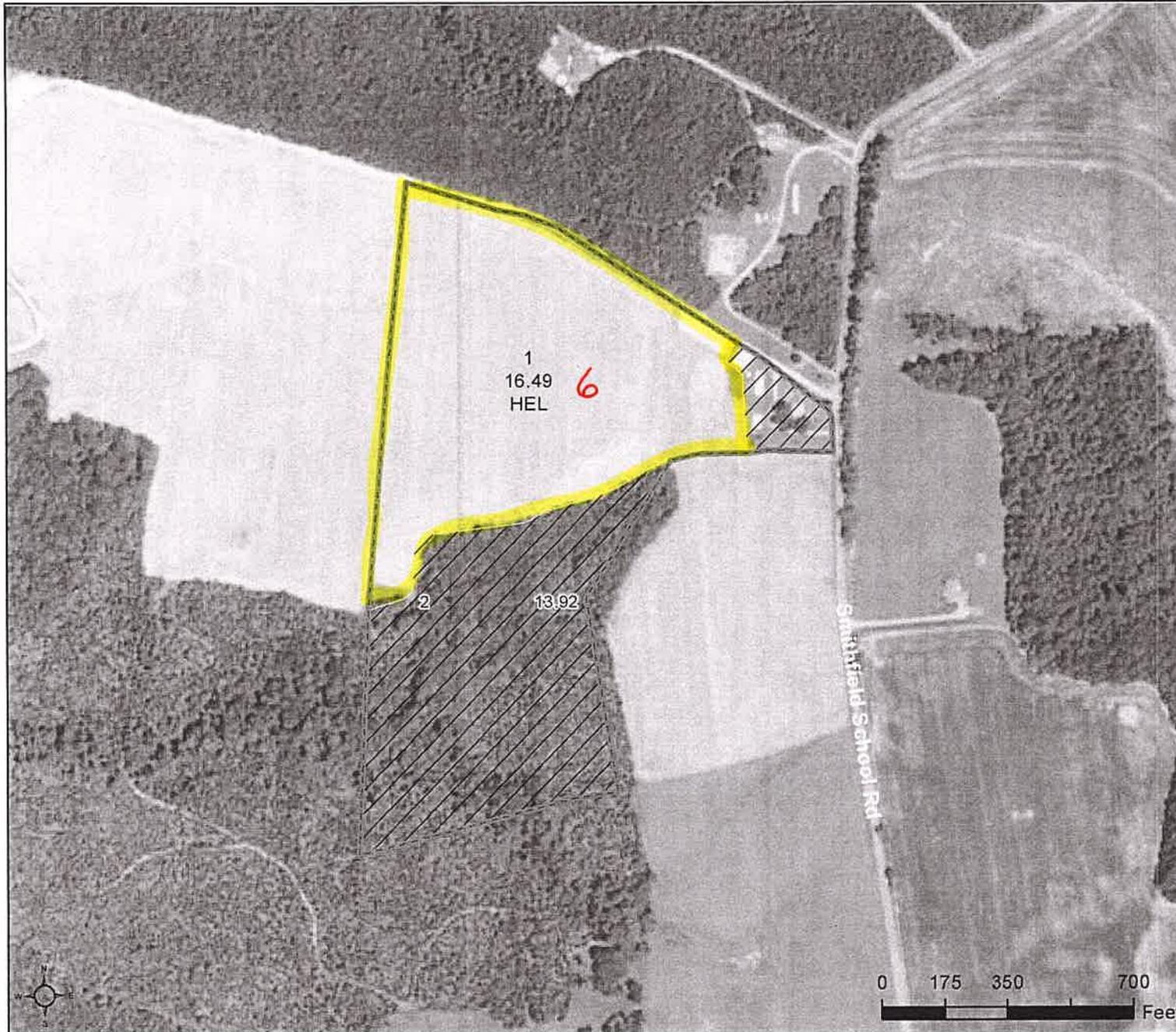
- Red: Band_1
- Green: Band_2
- Blue: Band_3

Wetland Determination Identifiers

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

Tract Cropland Total: 11.40 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).



2018 Program Year

Map Created May 15, 2018

Common Land Unit

- / Non-Cropland
- Cropland
- rcl_va097
- Tract Boundary

NAIP/USDA_CONUS_PRIME

RGB

- Red: Band_1
- Green: Band_2
- Blue: Band_3

Wetland Determination Identifiers

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

Tract Cropland Total: 16.49 acres

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2018 Program Year

Map Created May 15, 2018

Common Land Unit

- / Non-Cropland
- Cropland
- Tract Boundary

NAIP/USDA_CONUS_PRIME

RGB

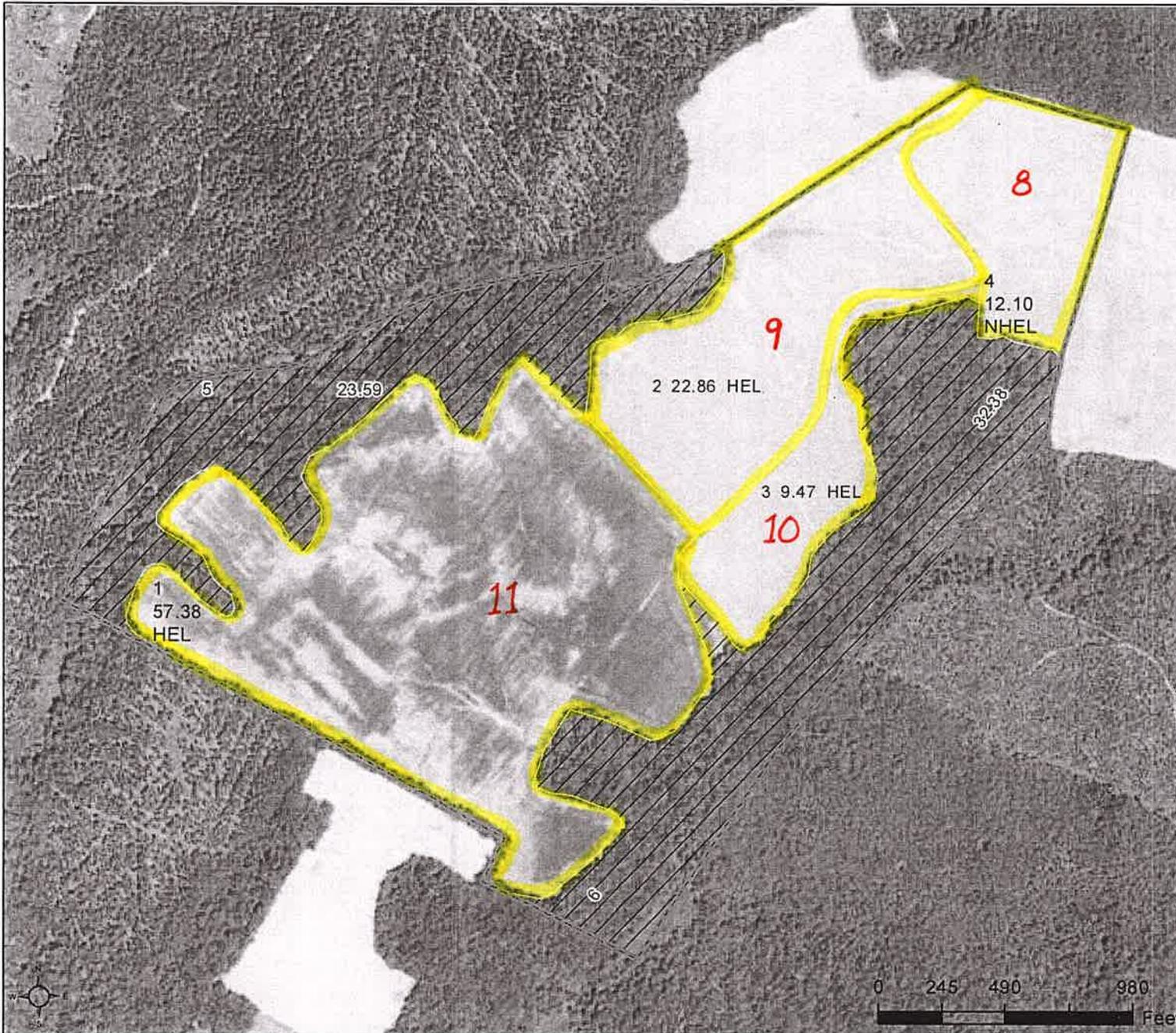
- Red: Band_1
- Green: Band_2
- Blue: Band_3

Wetland Determination Identifiers

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

Tract Cropland Total: 15.97 acres

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2018 Program Year

Map Created May 15, 2018

Common Land Unit

- Non-Cropland
- Cropland
- Tract Boundary

NAIP/USDA_CONUS_PRIME

RGB

- Red: Band_1
- Green: Band_2
- Blue: Band_3

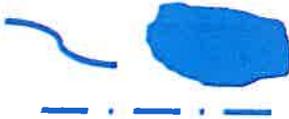
Wetland Determination Identifiers

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

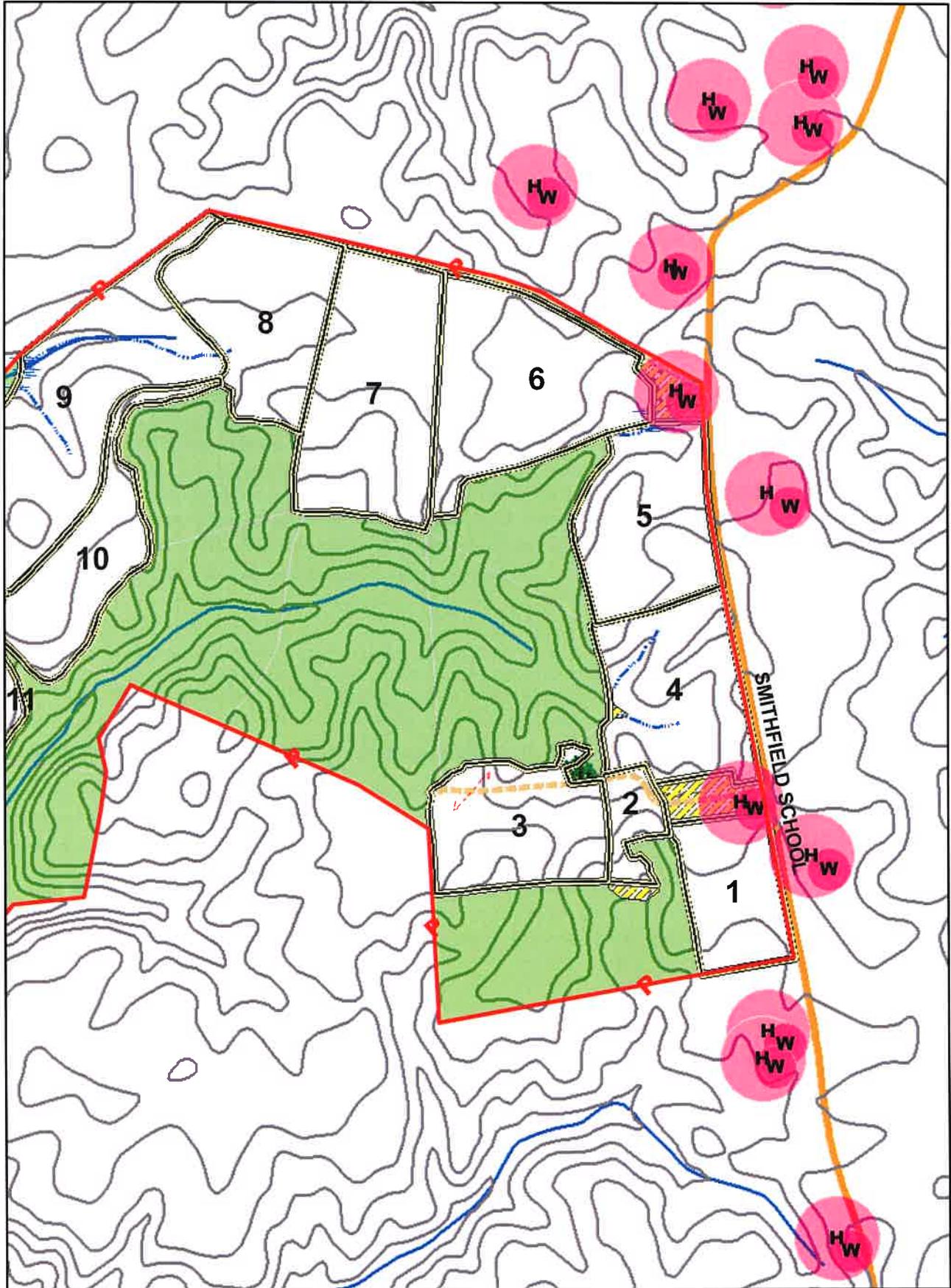
Tract Cropland Total: 101.81 acres

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

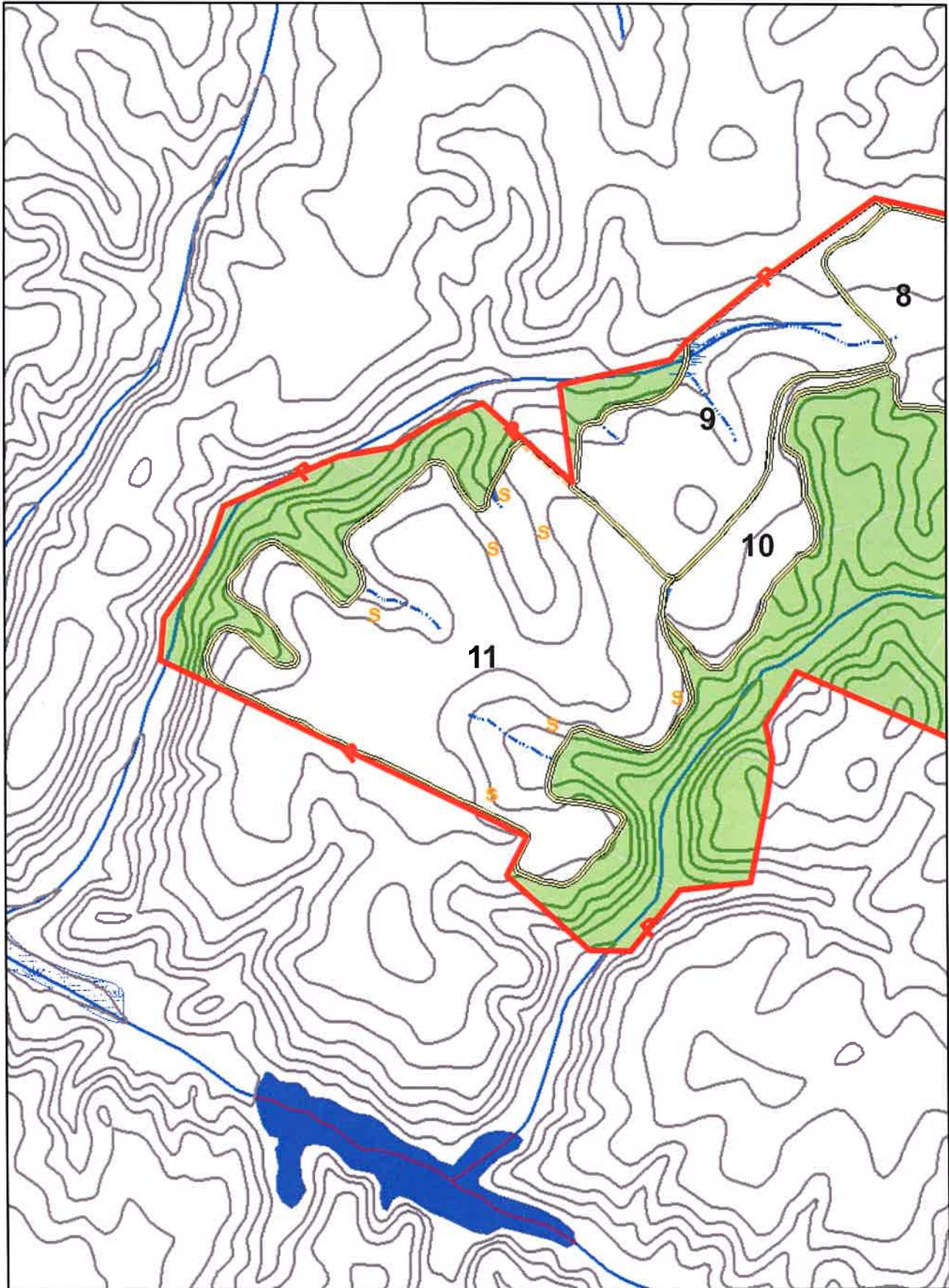
*Buffer can be reduced or waived upon written consent from landowner.



6-27-18

SITE PLAN

1 in = 660 feet

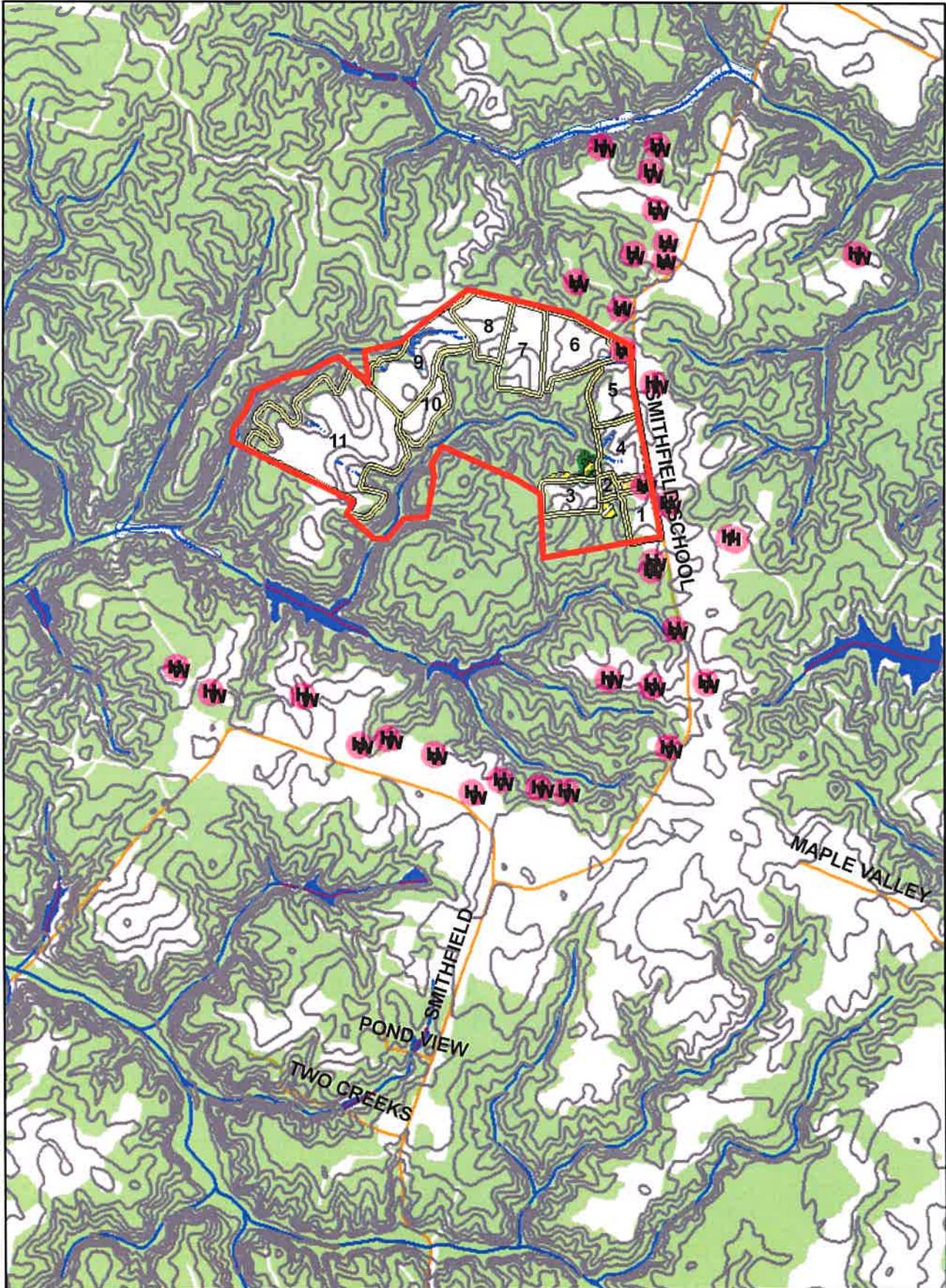


6-27-18

SITE PLAN

1 in = 660 feet





6-27-18

TOPOGRAPHIC MAP

1 in = 2,000 feet