

LAND APPLICATION SITE

ROBERT E. GIBSON

KQREG 29-35

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 10-31-17 between Robert E. Gibson 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. Essex 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
Tax Map - 23-162R-1375	23-137R-1219	23-163L-895	
K&Q 23-163R-1237	23-162L-983	Essex Co.	
" 23-163R-987	23-137L-1207	Tax Map 52-76	
" 24-53R-70	23-163R-996		
" 23-157L-646	23-163R-891		

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

Robert E. Gibson Trustee Robert E. Gibson TRUSTEE 26841 The Trail
 Landowner - Printed Name, Title Signature Mailing Address & Phone Number
Mattaponi, VA, 23110

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., Essex Co.
Landowner: Robert E. Gibson 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 E. Gibson TRUSTEE
Landowner's Signature

10-31-17
Date

Robert E. Gibson
Farm Operator Signature

26841 The Trail
Mattaponi, Va. 23110
Mailing Address & Phone Number
804-785-2484

Robert E. Gibson 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 E. Gibson
Signature

ROBERT E GIBSON
Printed Name of Signer

11-21-17
Date

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

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

A. This land application agreement is made on 10-31-17 between Nettie C. Gibson 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., Essex 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
<i>Tax Map</i>		<u>23-163L-895</u>	
<u>23-162R-1375</u>	<u>23-157L-646</u>	<u>23-163R-996</u>	
<u>23-163R-1237</u>	<u>23-137R-1219</u>	<u>23-163R-891</u>	
<u>23-163R-987</u>	<u>23-162L-983</u>	<u>Essex Co.</u>	
<u>24-53R-70</u>	<u>23-137L-1207</u>	<u>Tax Map 52-76</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:

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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			

Nettie C. Gibson Trustee Nettie C. Gibson Trustee 26841 The Trail
 Landowner - Printed Name, Title Signature Mailing Address & Phone Number
Mataponi, Va. 23110
804-785-2484

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)

Stumbo Stumbo 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. / Essex Co.
Landowner: Nettie C. Gibson 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.

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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).

Nettie C. Gibson, Trustee
Landowner's Signature

10-31-17
Date

Bovi E. Gibson
Nettie C. Gibson
Farm Operator Signature

26841 The Trail
Mattaponi, Va. 23110
Mailing Address & Phone Number
804-785-2484

Nettie C. Gibson 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.

Nettie C. Gibson
Signature

Nettie C. Gibson
Printed Name of Signer

10/31/17
Date

FARM DATA SHEET

SITE NAME:	Robert E. Gibson	COUNTY:	King & Queen
OWNER:	Robert E. and Nettie C. Gibson Trustees	OPERATOR:	Robert E. Gibson
OWNER'S ADDRESS:	26841 The Trail Mattaponi, VA 23110	OPERATOR'S ADDRESS:	26841 The Trail Mattaponi, VA 23110
OWNER'S TELEPHONE:	804-785-2484	OPERATOR'S TELEPHONE:	804-785-2484
GENERAL FARM TYPE:	Clearing woods for row crops	CELL PHONE:	804-824-8946
# CATTLE:	None	EMAIL:	-
LAGOON or SLURRY:	None	LATITUDE:	37.601
TOPO QUAD:	West Point, Va.	LONGITUDE:	- 76.777
COMMENTS:	METHOD OF DETERMINATION: Online Maps		
Field 29, 31-34 are wooded (to be cleared in the near future). Field 35 is being cleared as of 4-2-2018.			

SD
4-4-18

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			
KQREG 29N	16.1	5E Nov.-Apr.	-	-	-	YO 61	1623-163L-895	T 2652 F 0
KQREG 30N	18.4	5E Nov.-Apr.	-	-	-	YO 61	1623-163L-895	T 2652 F 0
KQREG 31	34.3	5E Nov.-Apr. 5D Nov.-Apr.	-	-	-	YO 61	1623-163L-895 1623-163R-891	T 2652 F 0
KQREG 32	39.8	5E Nov.-Apr. 5D Nov.-Apr.	-	-	-	YO 61	1623-163L-895 1623-163R-891	T 2652 F 0
KQREG 33	24.3	5E Nov.-Apr. 5D Nov.-Apr.	-	-	-	YO 61	1623-163R-891	T 2652 F 0
KQREG 34	15.4	5E Nov.-Apr. 5D Nov.-Apr.	-	-	-	YO 61	1623-163R-891	T 2652 F 0
KQREG 35	79.3	5E Nov.-Apr. 5D Nov.-Apr.	-	-	-	YO 61	1623-163L-895	T 2652 F 0
TOTAL ACRES IN SITE	227.6							

05/28/20

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: Robert E. Gibson

County or City: King & Queen Co.

Please Print

Signature not required on this page

<u>Tax Parcel ID(s)</u>	<u>Landowners (s)</u>
1623-163L-895	Robert E. and Nettie C. Gibson Trustees
1623-163R-891	Robert E. and Nettie C. Gibson Trustees

NUTRIENT MANAGEMENT PLAN IDENTIFICATION

Operator

Robert E. Gibson
26841 The Trail
Mattaponi, VA 23110
804-824-8946

Integrator:None

Farm Coordinates

Easting: 0, Northing: 0, zone: 17

Watershed Summary

watershed: YO61
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: 227.6

Cropland: 227.6
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 4/9/2018
Valid until 4/9/2020

Signature: _____
Planner date

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

Tract: 2652 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
0/KQREG 29(N)	16/16	2018	Fallow	0-0-0	0/0				0-0-0	N/A		
0/KQREG 30(N)	18/18	2018	Fallow	0-0-0	0/0				0-0-0	N/A		
0/KQREG 31(N)	34/34	2018	Fallow	0-0-0	0/0				0-0-0	N/A		
0/KQREG 32(N)	40/40	2018	Fallow	0-0-0	0/0				0-0-0	N/A		
0/KQREG 33(N)	24/24	2018	Fallow	0-0-0	0/0				0-0-0	N/A		
0/KQREG 34(N)	15/15	2018	Fallow	0-0-0	0/0				0-0-0	N/A		
0/KQREG 35(N)	79/79	2018	Fallow	0-0-0	0/0				0-0-0	N/A		

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

Soil Test Summary

Tract	Field	Acre	Date	P205	K20	Lab	Soil pH	Lime Date	rec. lime tons/Ac
2652	KQREG 29	16	[No Test]						
2652	KQREG 30	18	[No Test]						
2652	KQREG 31	34	[No Test]						
2652	KQREG 32	37	[No Test]						
2652	KQREG 33	24	[No Test]						
2652	KQREG 34	15	[No Test]						
2652	KQREG 35	78	[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
2652	2652/0	KQREG 29	16	Emporia	IIIa	II	III	II	
	2652/0	KQREG 30	18	Emporia	IIIa	II	III	II	
	2652/0	KQREG 31	34	Emporia	IIIa	II	III	II	
	2652/0	KQREG 32*	37	Emporia	IIIa	II	III	II	High Slope
	2652/0	KQREG 33	24	Emporia	IIa	II	III	II	
	2652/0	KQREG 34*	15	Emporia	IIIa	II	III	II	High Slope
	2652/0	KQREG 35	78	Emporia	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 E. Gibson

Location: King & Queen

Specialist: John Doe

N-based Acres: 222.5

P-based Acres: 0.0

Tract Name: 2652

FSA Number: 2652

Location: King & Queen

Field Name: KQREG 29

Total Acres: 16.10 Usable Acres: 16.10

FSA Number: 0

Tract: 2652

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
25	4A	Emporia
56	4B	Emporia
18	5E	Emporia Slagle

2 15B Slagle

Field Warnings:

Field Name: KQREG 30

Total Acres: 18.40 Usable Acres: 18.40

FSA Number: 0

Tract: 2652

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
16	4A	Emporia
56	4B	Emporia
28	5E	Emporia Slagle

Field Warnings:

Field Name: KQREG 31

Total Acres: 34.00 Usable Acres: 34.00

FSA Number: 0

Tract: 2652

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
51	4A	Emporia
35	4B	Emporia
4	5D	Emporia Slagle
9	5E	Emporia Slagle

Field Warnings:

Field Name: KQREG 32

Total Acres: 37.00 Usable Acres: 37.00

FSA Number: 0

Tract: 2652

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
64	4B	Emporia
3	5D	Emporia Slagle
33	5E	Emporia Slagle

Field Warnings:

Environmentally Sensitive Soils due to:

Soils with percent slope in excess of 15%

Field Name: KQREG 33

Total Acres: 24.00 Usable Acres: 24.00

FSA Number: 0

Tract: 2652

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
34	4B	Emporia
5	5D	Emporia Slagle
21	5E	Emporia Slagle
40	16B	State1

Field Warnings:

Field Name: KQREG 34

Total Acres: 15.00 Usable Acres: 15.00

FSA Number: 0

Tract: 2652

Location: King & Queen

Slope Class: D 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
36	4B	Emporia
20	5D	Emporia Slagle
44	5E	Emporia Slagle

Field Warnings:

Environmentally Sensitive Soils due to:

Soils with percent slope in excess of 15%

Field Name: KQREG 35

Total Acres: 78.00 Usable Acres: 78.00

FSA Number: 0

Tract: 2652

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:

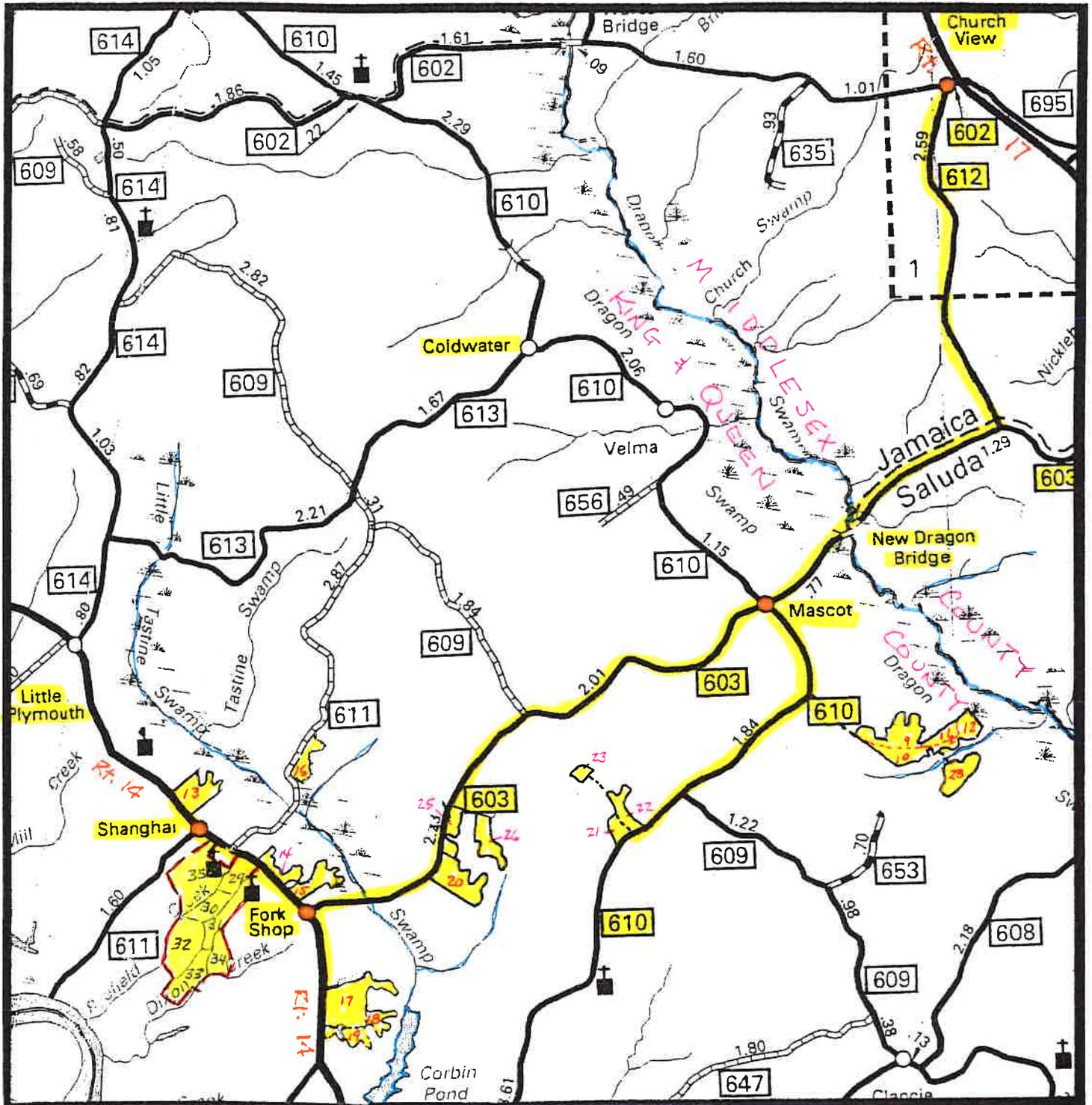
PERCENT	SYMBOL	SOIL SERIES
72	4B	Emporia
19	5D	Emporia Slagle
9	5E	Emporia Slagle

Field Warnings:

MAPS

Recyc Systems™ Inc.

(Biosolids Land Application)



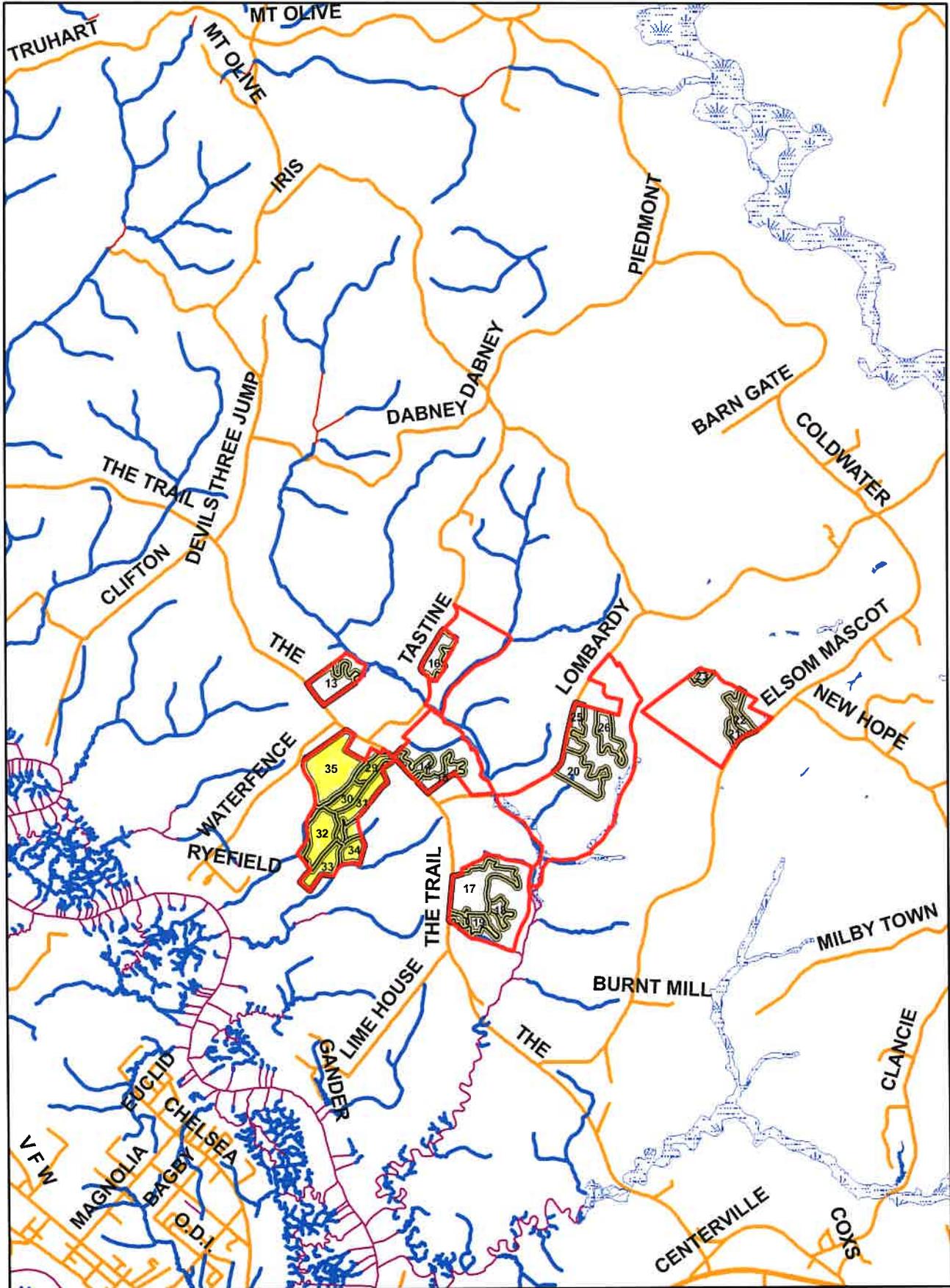
Scale: 1" = 1 mile

KQREG 9-23, 25, 26, 28
29-35

4-4-18

VICINITY MAP



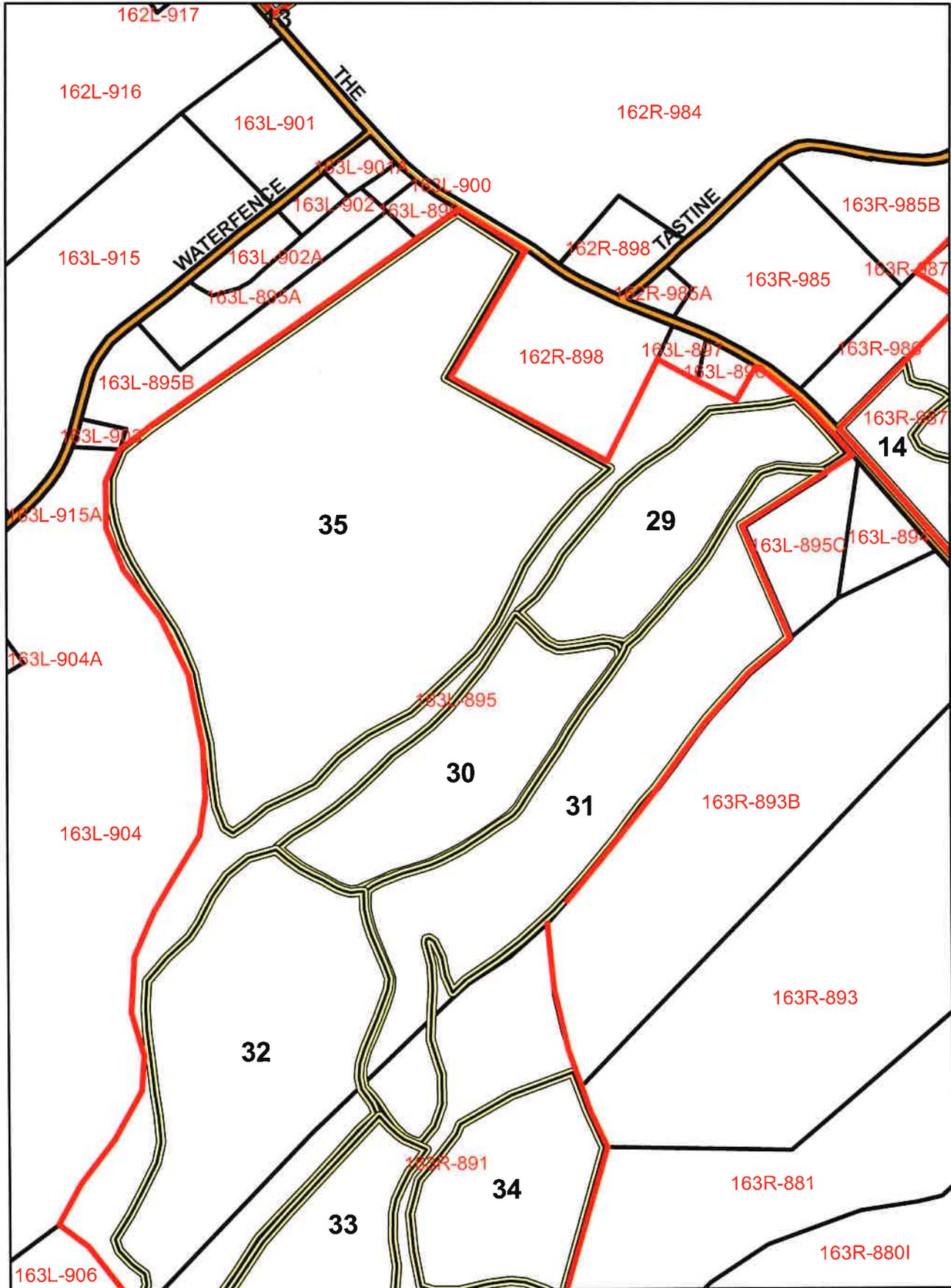


4-4-18

VICINITY MAP

1 in = 1 miles

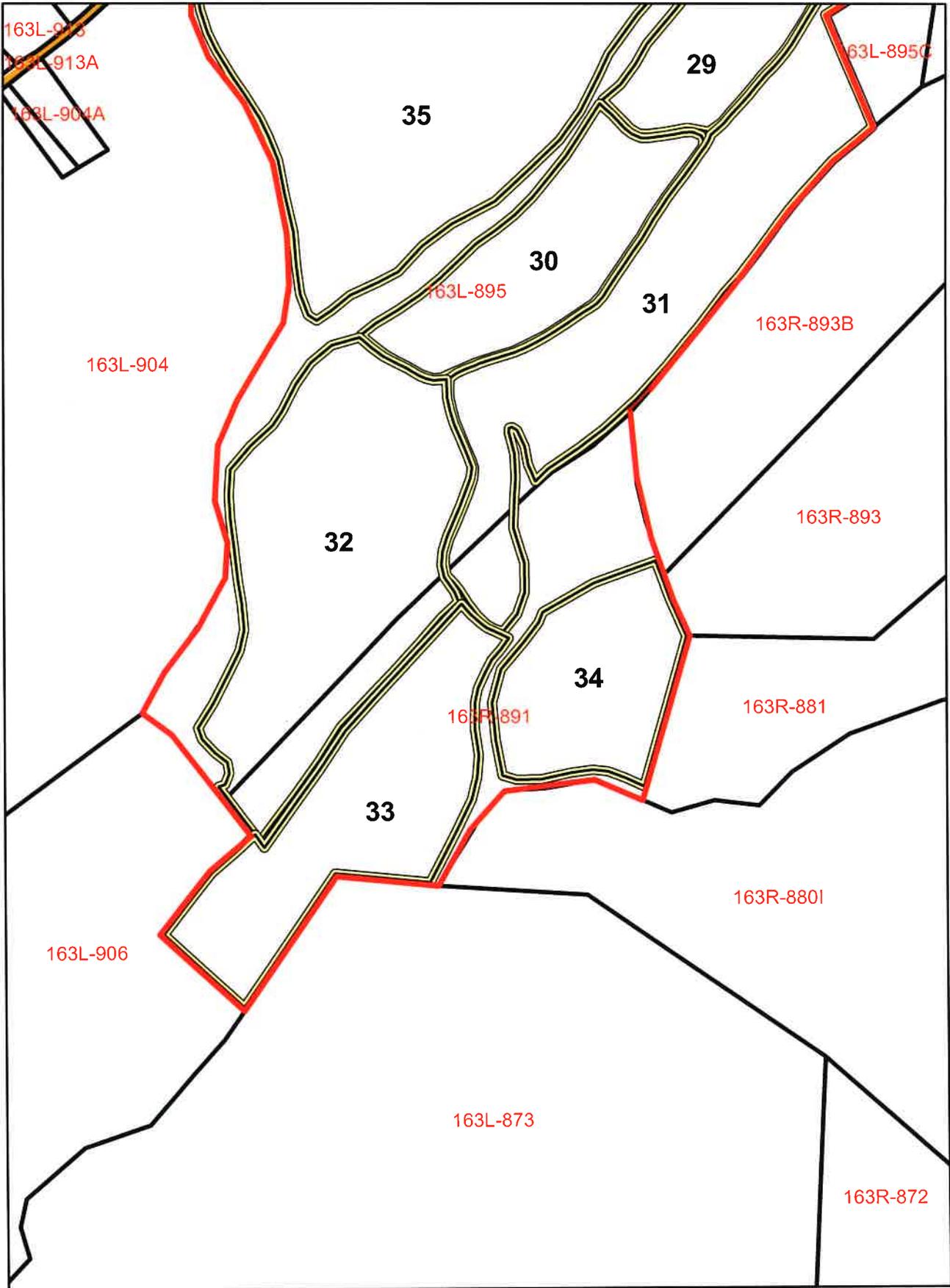




4-4-18

TAX MAP

1 in = 660 feet



4-4-18

TAX MAP

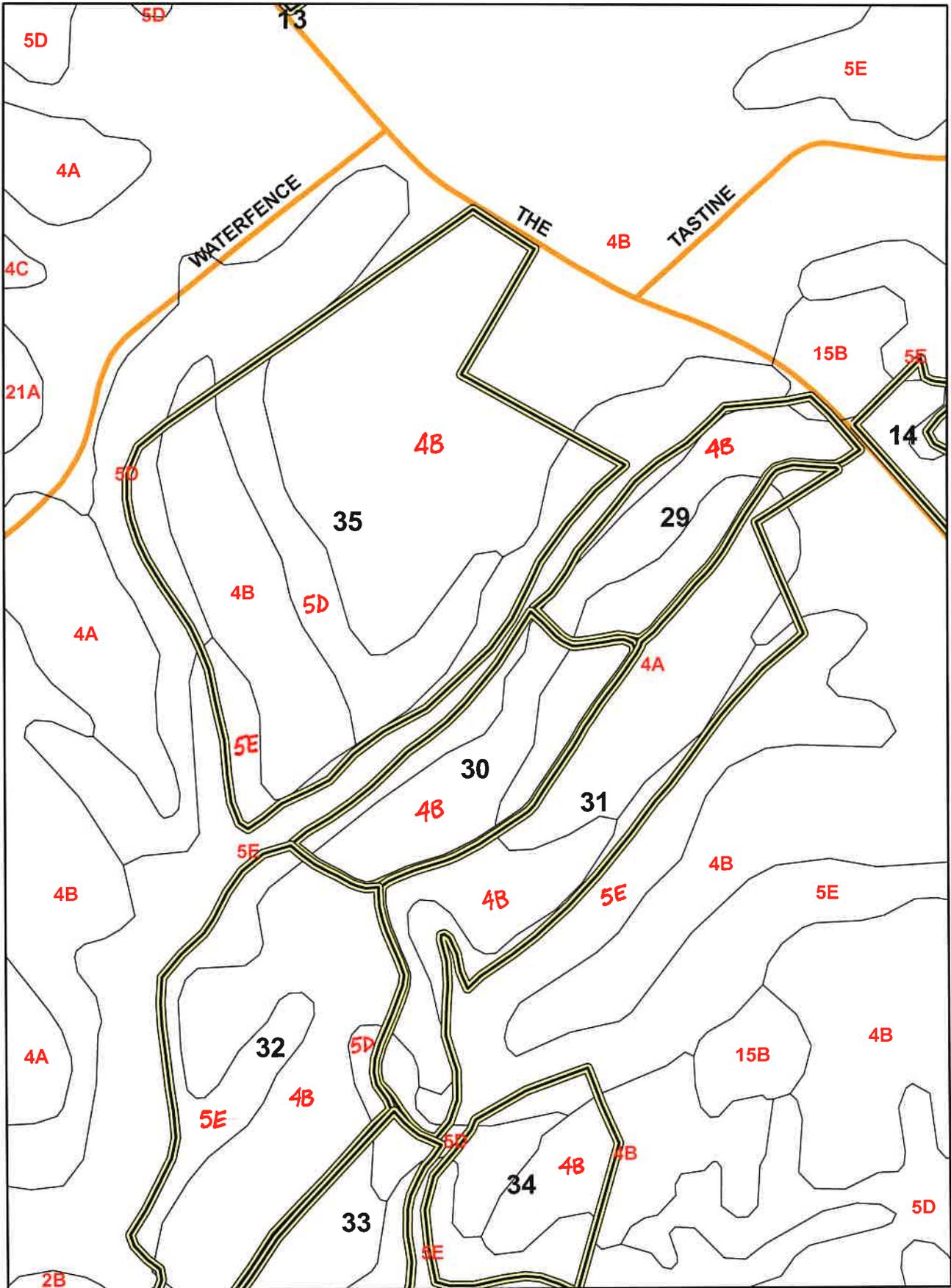
1 in = 660 feet

ADJOINING LANDOWNERS

Robert E. Gibson

KING & QUEEN COUNTY

Tax Map	Parcel #	Owner Name(s)
1623-162R	985	Olivet Church Trustees
	984	Robert E. and Nettie C. Gibson Trustees and Others
	898	Olivet Baptist Church
1623-163R	895	Michael C. and Pamela Burton
	986	Glenn and Monique Young
	987	Robert E. and Nettie C. Gibson Trustees
	893B	Camp Mary Garland Vaughan
	893	Robert F. Norman Living Trust
	881	Robert E. and nettie C. Gibson Trustees
	8801	Dorothy T. Ashley Trustee
1623-163L	897	Betty L. Richardson
	896	Michael C. and Pamela Burton
	895C	Old Church United Methodist Trustee
	894	Old Church United Methodist Trustee
	873	Dixon Hall Properties LC
	906	Dixon Hall Properties LC
	904	Katie M. Lindquist
	903	Katie M. Lindquist
	895B	Roger Wayne Norman
	895A	Charles T. Redd IV
	899	Brian K. Combs
	900	Brian K. Combs
	901A	Rebecca C. Osuna Alba & Louis Ray
902	Robert J. and Nina T. Bunting	
902A	Robert J. and Nina T. Bunting	

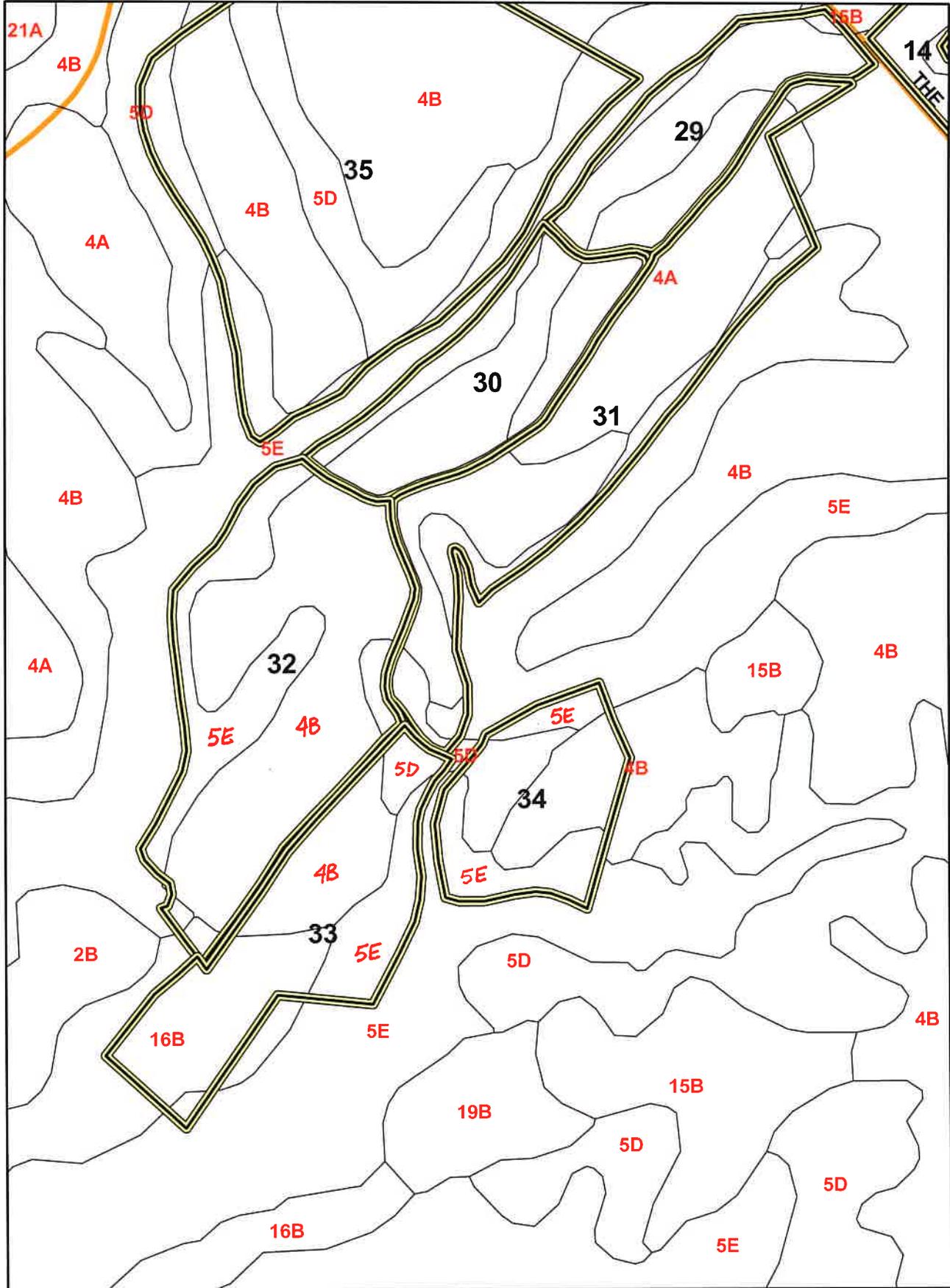


4-4-18

SOIL MAP

1 in = 660 feet

 Frequently Flooded

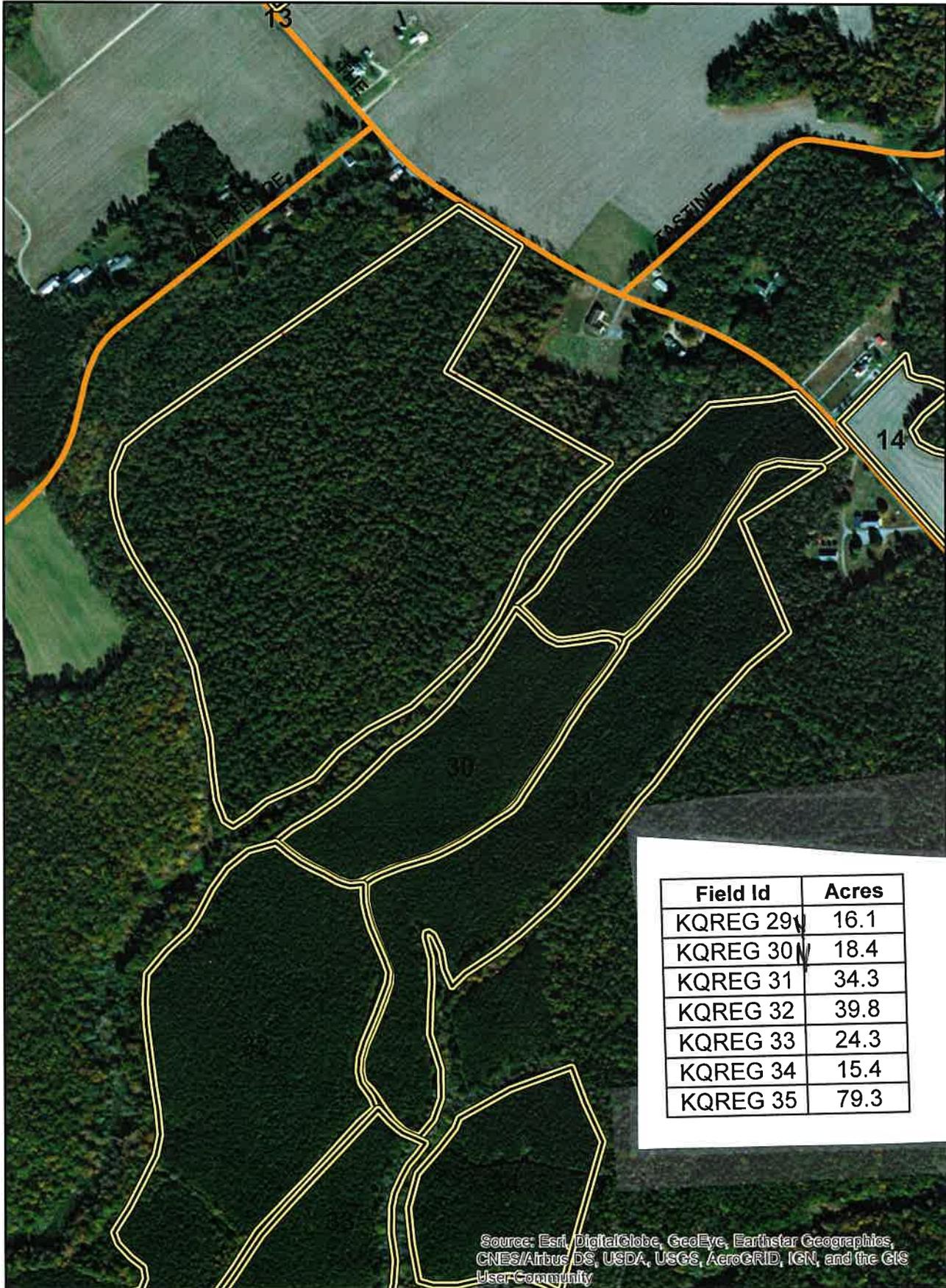


4-4-18

Frequently Flooded

SOIL MAP

1 in = 660 feet



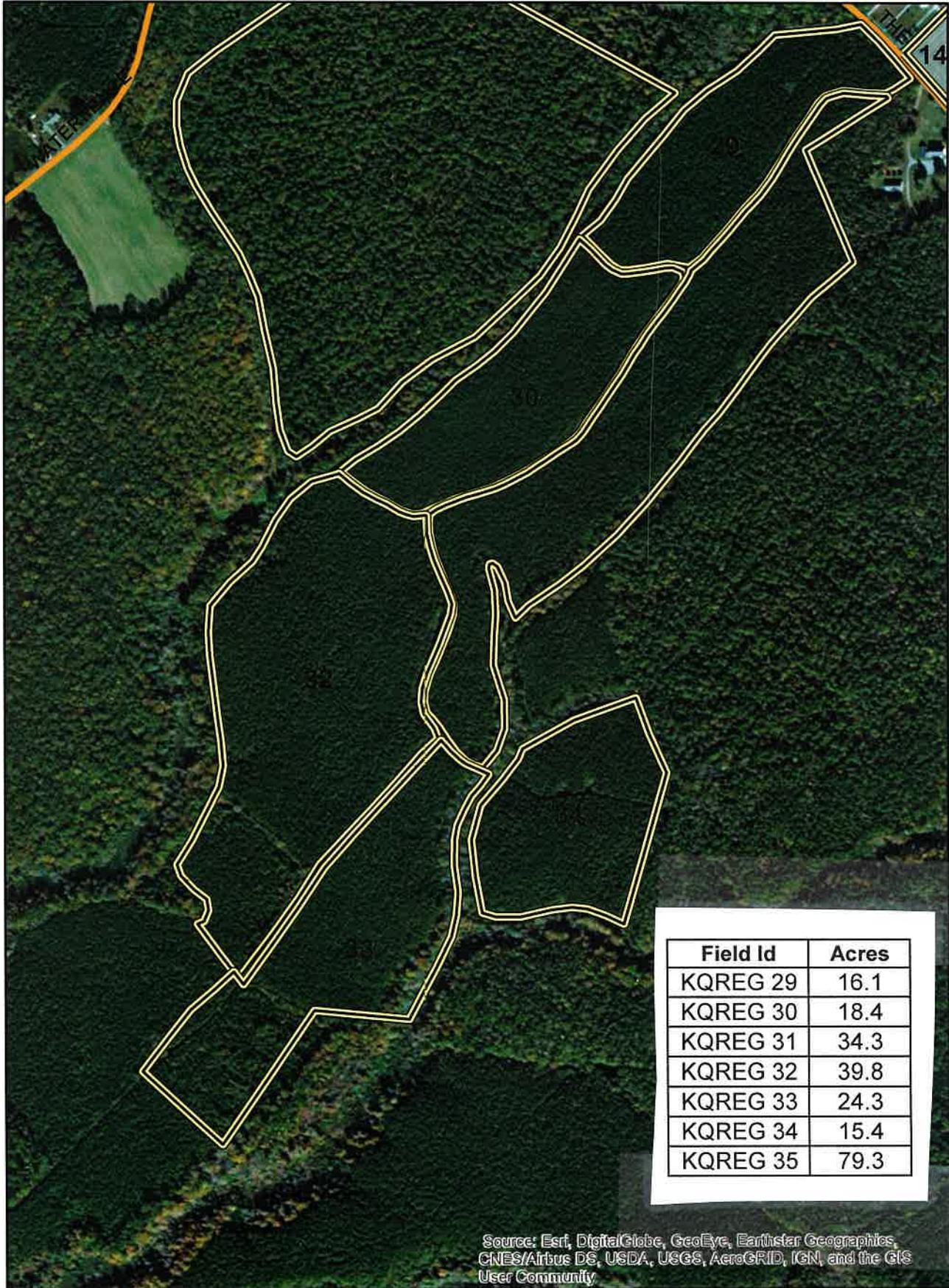
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



4-4-18

AERIAL MAP

1 in = 660 feet

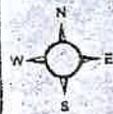
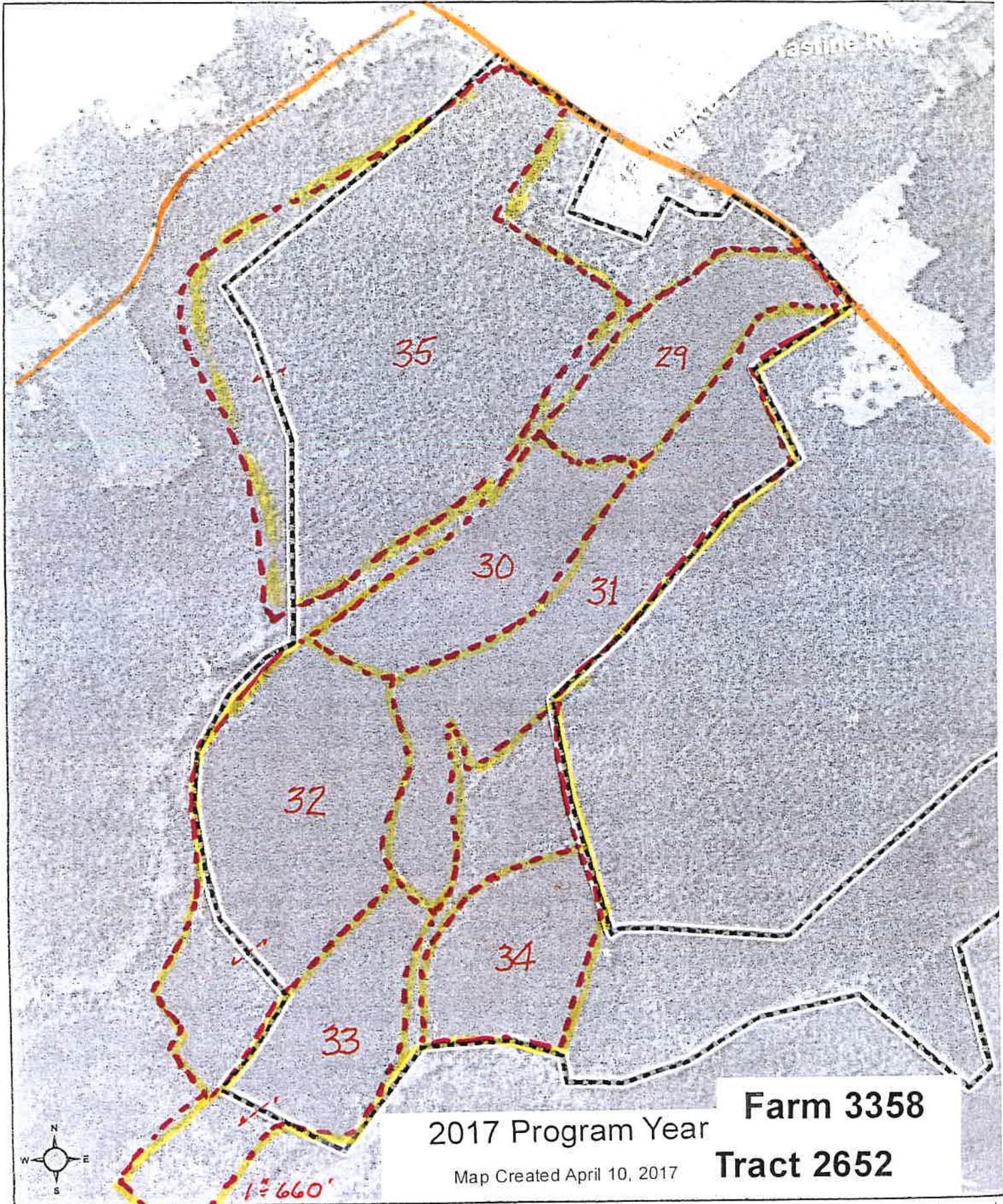


4-4-18

AERIAL MAP

1 in = 660 feet





1" = 660'

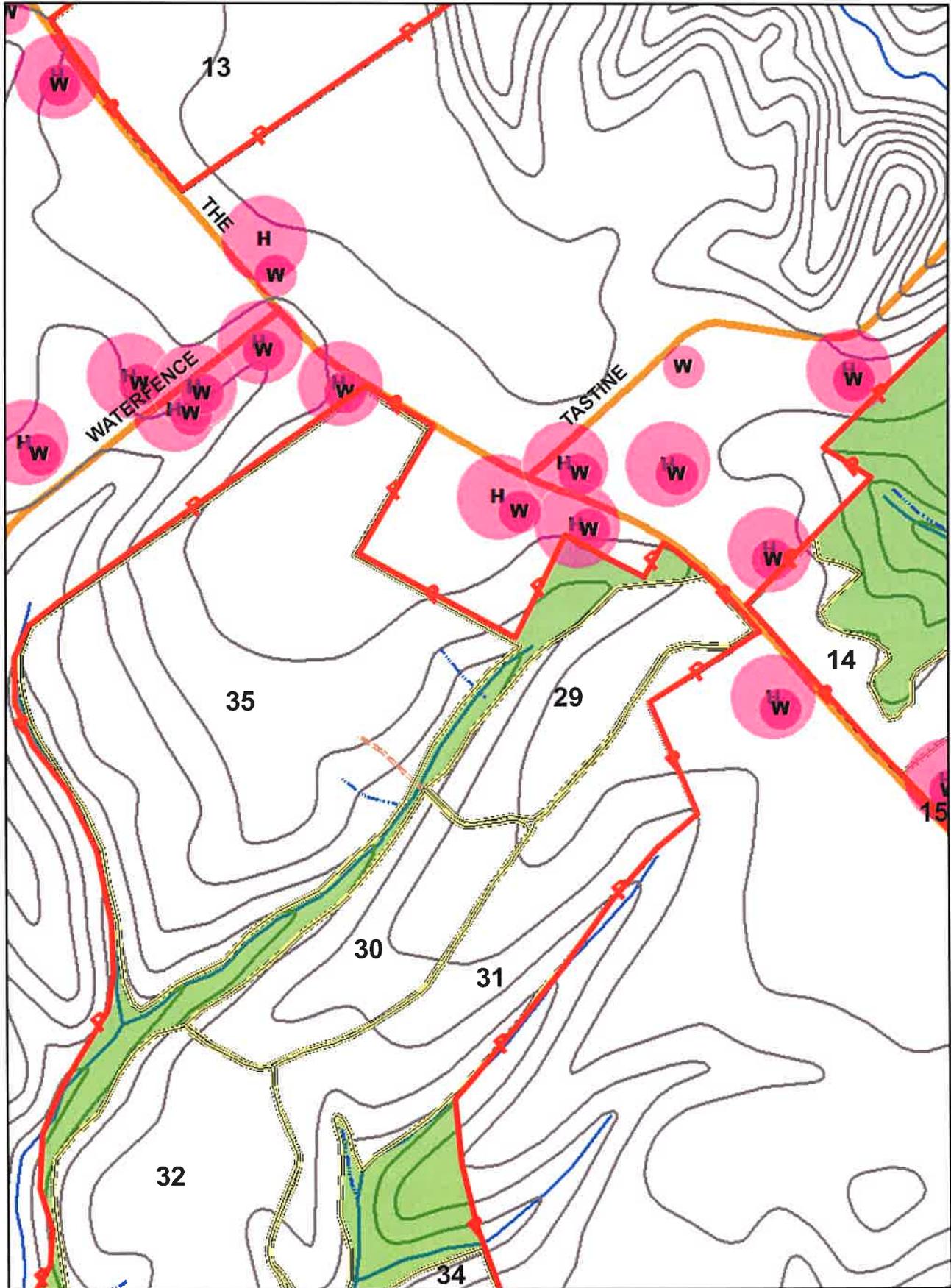
2017 Program Year **Farm 3358**
Map Created April 10, 2017 **Tract 2652**

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map derived from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risk 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 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

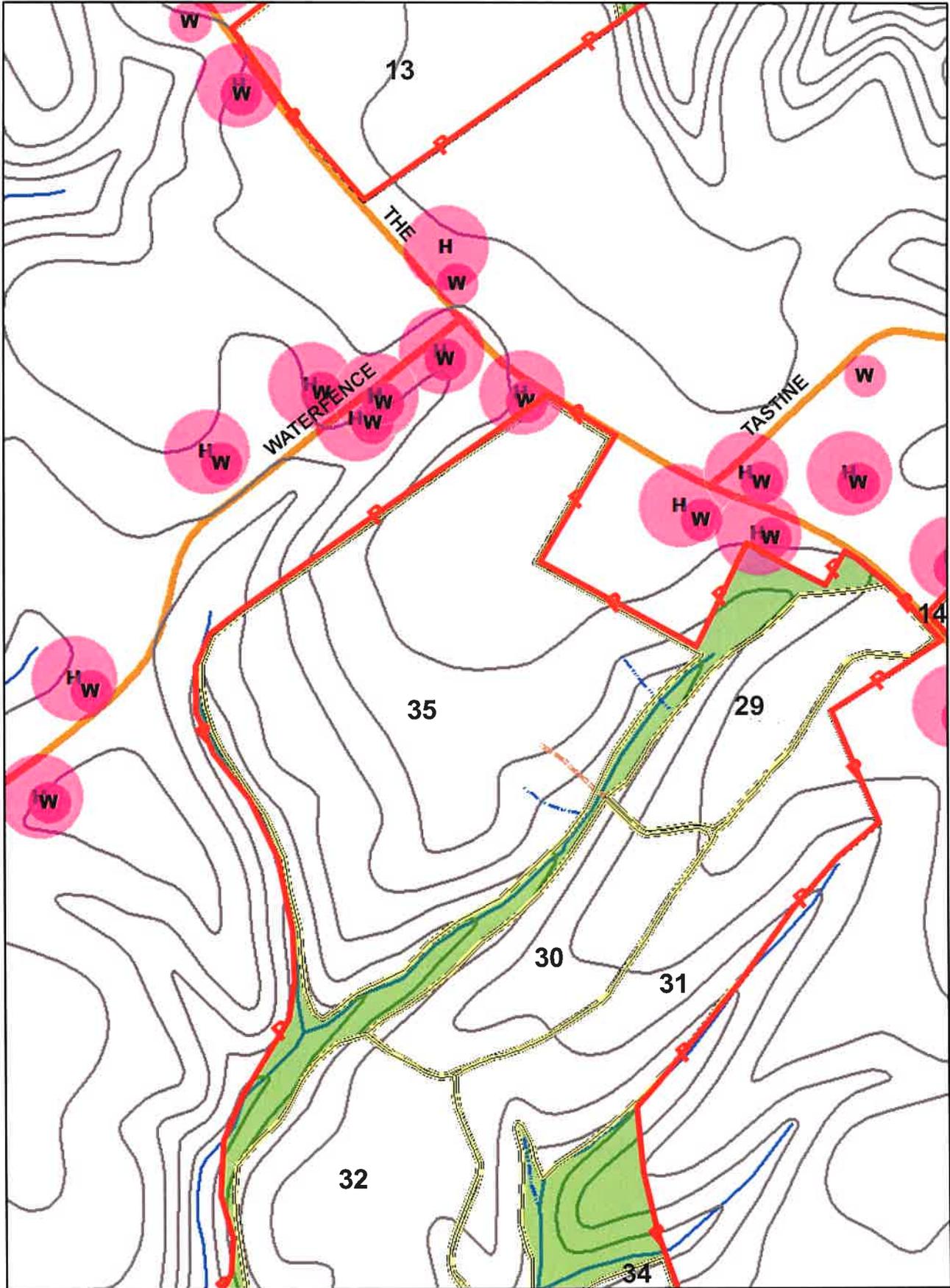
*Buffer can be reduced or waived upon written consent from landowner.



4-4-18

SITE PLAN

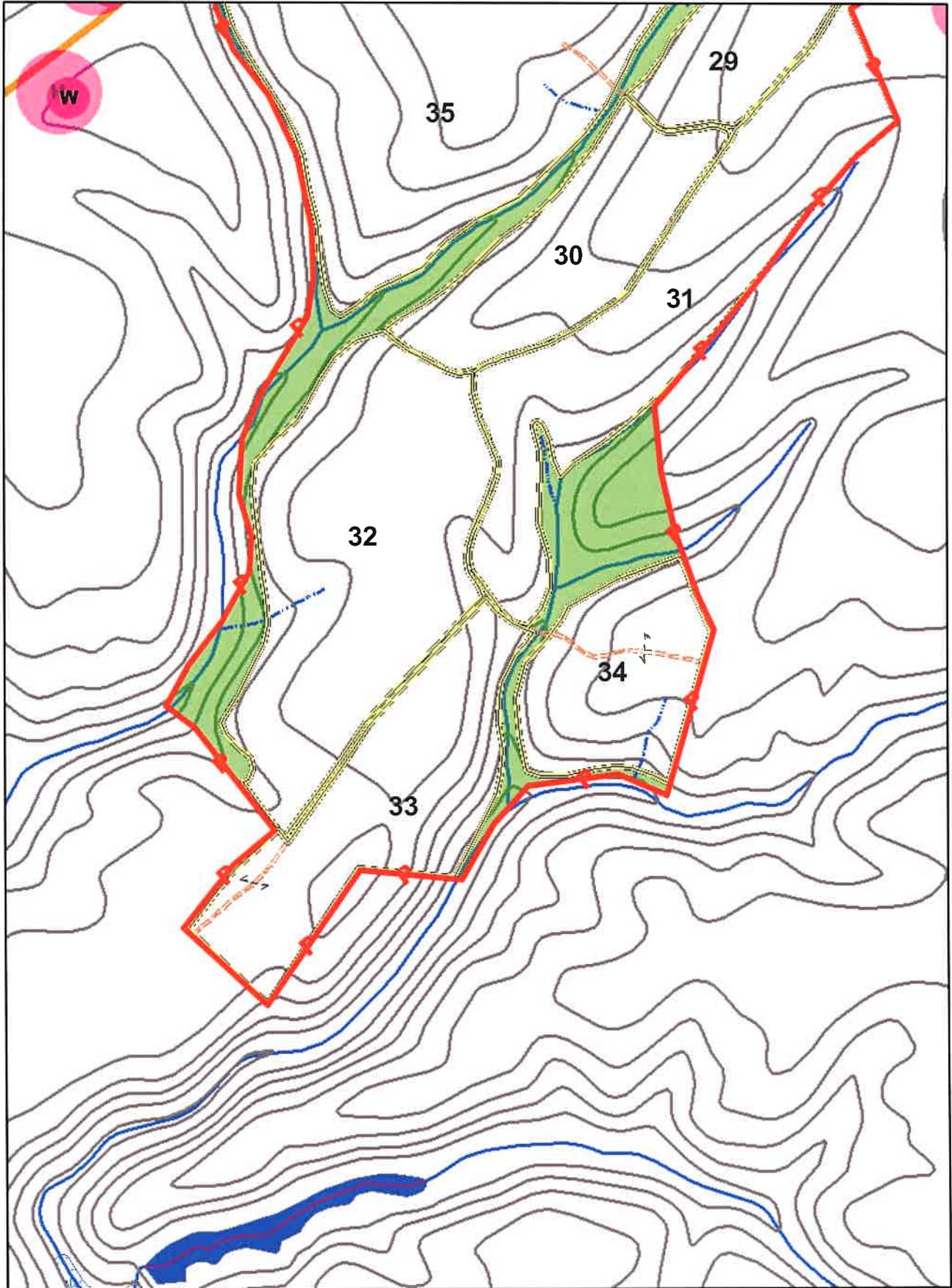
1 in = 660 feet



4-4-18

SITE PLAN

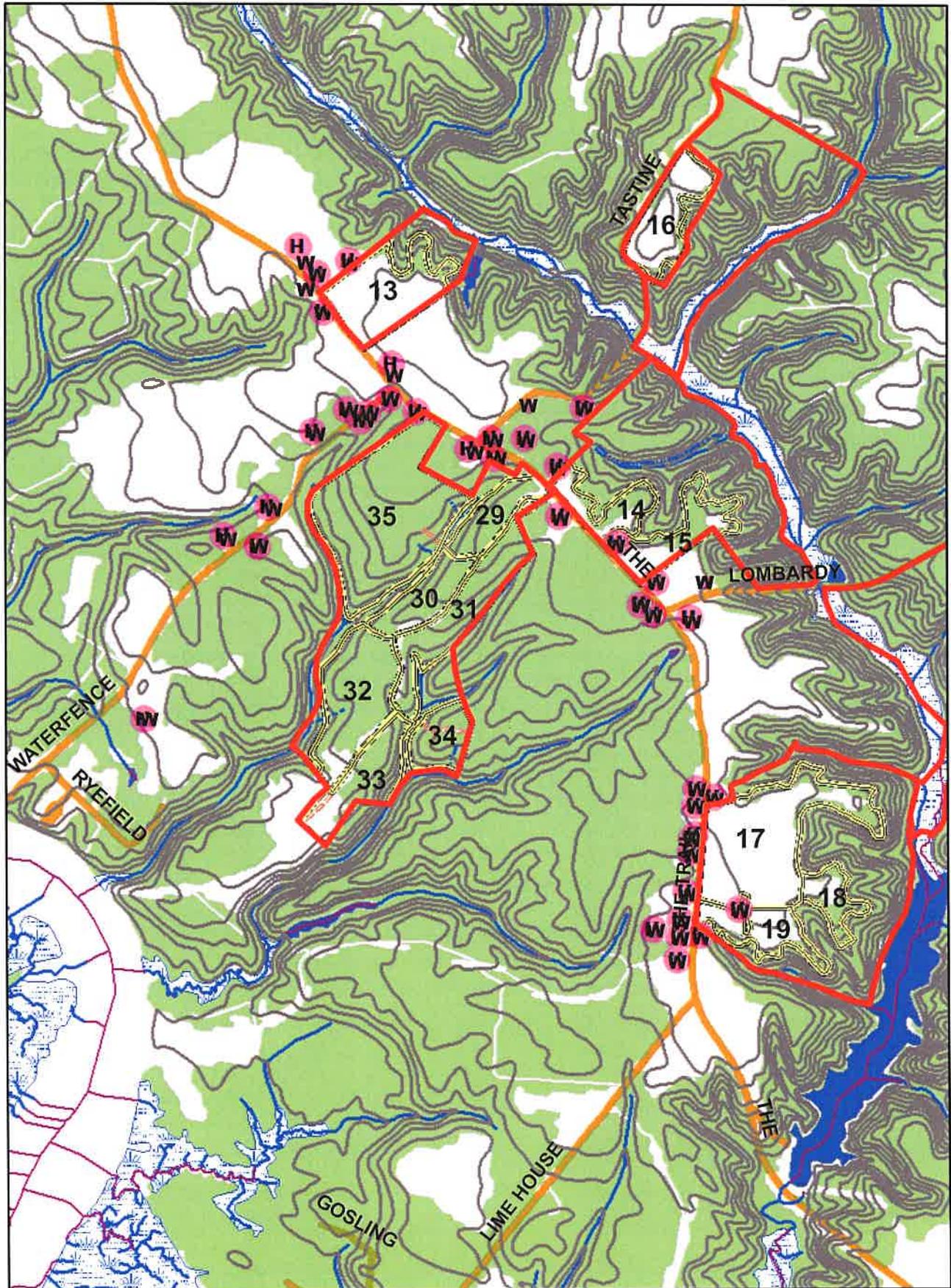
1 in = 660 feet



4-4-18

SITE PLAN

1 in = 660 feet



4-4-18

TOPOGRAPHIC MAP

1 in = 2,000 feet