LAND APPLICATION SITE

M H COBURN

DWMHC 1 - 15

DINWIDDIE 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 8/25/12 between M.H. Coburn estate 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 Dinwiddie, 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
TM 24 P14			
TM 24 P15			
37-1			
24-3B			

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

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

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

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

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

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

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

M.H. Coburn Estate
Kenneth C. Walden Jr
Executor

Landowner – Printed Name, Title

Signature

PO Box 278
Blackstone, VA 23824

Mailing Address & Phone Number

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)

Permittee – Authorized Representative Printed Name

Signature

PO Box 562 Remington, Virginia 22734

Mailing Address

Rev 9/14/2012

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

Permittee: Recyc Systems, Inc **County or City:** Dinwiddie

Landowner: M H Coburn

Landowner Site Management Requirements:

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

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

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

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.

2. Public Access
   a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
   b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
   c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.

3. Crop Restrictions:
   a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
   b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
   c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
   d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
   e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).

4. Livestock Access Restrictions:
   Following biosolids application to pasture or hayland sites:
   a. Meat producing livestock shall not be grazed for 30 days,
   b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
   c. Other animals shall be restricted from grazing for 30 days;

5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;

6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

[signature] Executor of the Estate of M.H. Coburn 8/24/16

Landowner's Signature Date

[signature]

Farm Operator Signature
George Toth "Bo"

3333 Old Shore Rd. Blackstone, Va. 23824
434-292-9127

Mailing Address & Phone Number

Rev 9/14/2012

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: M H Coburn

County or City: Dinwiddie County

Please Print Signature not required on this page

Tax Parcel ID(s)	Landowners (s)
24-14	Marion Hays Coburn Estate c/o Kennon C. Walden
37-1	Marion Hays Coburn Estate c/o Kennon C. Walden
24-15	Marion Hays Coburn Estate c/o Kennon C. Walden
24-3B	Marion Hays Coburn Estate c/o Kennon C. Walden

FARM DATA SHEET

SITE NAME:	M. H. Coburn	**COUNTY:**	Dinwiddie
OWNER:	Marion Hays Coburn Estate c/o Kennon C. Walden Jr. (Executor)	**OPERATOR:**	George "Bo" Toth
OWNER'S ADDRESS:	P.O. Box 278 Blackstone, VA 23824	**OPERATOR'S ADDRESS:**	3333 Old Shore Road Blackstone, VA 23824
OWNER'S TELEPHONE:	434-292-5507	**OPERATOR'S TELEPHONE:**	434-292-9327
GENERAL FARM TYPE:	Pasture/ Row Crop	**CELL PHONE:**	434-292-9327
# CATTLE:	50	**EMAIL:**	-
LAGOON or SLURRY:	None	**LATITUDE:**	37.126
TOPO QUAD:	Blackstone East Wellville	**LONGITUDE:**	-77.886
COMMENTS:		**METHOD OF DETERMINATION:**	Online Maps

12-2-19
BB

NEW FIELD CHANGES

M H COBURN SITE

DINWIDDIE COUNTY

NEW FIELD 1 IS OLD FIELD 1.

NEW FIELD 2 IS PART OF OLD FIELD 2.

NEW FIELD 3 IS OLD FIELD 3.

NEW FIELD 4 IS OLD FIELD 4 AND PART OF OLD FIELD 2.

NEW FIELD 5 IS OLD FIELD 5.

NEW FIELD 6 IS OLD FIELD 6.

NEW FIELD 7 IS OLD FIELD 7.

NEW FIELD 8 IS OLD FIELD 8.

NEW FIELD 9 IS OLD FIELD 9.

NEW FIELD 10 IS OLD FIELD 10.

NEW FIELD 11 IS OLD FIELD 11.

NEW FIELD 12 IS OLD FIELD 12 AND 13.

NEW FIELD 13 IS PART OF OLD FIELD 12 AND ALSO NEW CLEARED LAND.

NEW FIELD 14 IS OLD FIELD 14.

NEW FIELD 15 IS OLD FIELD 15 AND ALSO NEW CLEARED LAND.

RECYC SYSTEMS, INC
FIELD DATA SHEET

Field Identification	DEQ Control ID	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map #	FSA Tract #	FSA Field #
			Water Table	Bed Rock/ Shallow	Surf/ Leach	Freq Flood				
DWMHC 1	51053-00260-0000	24.3	-	-	-	-	CL 10	24-14 24-15	5936	1, 17
DWMHC 2	51053-00267-0000	39.6	9B Jan.-Apr.	-	-	-	CL 10	24-14	5936	2
DWMHC 3	51053-00268-0000	38.3	9B Jan.-Apr.	-	-	-	CL 10	24-14 24-15 24-3B	5936	3, 4, 7
DWMHC 4	51053-00269-0000	43.4	9B Jan.-Apr.	-	-	-	CL 10	24-14 24-15	5936	2
DWMHC 5	51053-00270-0000	28.1	-	-	-	-	CL 10	24-14 24-15 37-1	5936	2
DWMHC 6	51053-00271-0000	18.4	9B Jan.-Apr.	-	-	-	CL 10	24-15	5936	6
DWMHC 7	51053-00272-0000	12.5	9B Jan.-Apr.	-	-	-	CL 10	24-15	5936	9
DWMHC 8	51053-00273-0000	13.6	-	-	-	-	CL 10	24-15	5936	8
DWMHC 9	51053-00274-0000	40.0	-	-	-	-	CL 10	24-15	5936	9, 15
DWMHC 10	51053-00261-0000	41.6	-	-	-	-	CL 10	24-15	5936	10

3-2-21

DWMHC 11	51053-00262-0000	20.0	-	-	-	-	CL 10	24-15	5936	11
DWMHC 12	51053-00263-0000	10.9	9B Jan.-Apr.	-	-	-	CL 10	24-15	5936	13
DWMHC 13N	51053-00263-0000	6.5	9B Jan.-Apr.	-	-	-	CL 10	24-15	5936	16
DWMHC 14	51053-00265-0000	11.1	9B Jan.-Apr.	-	-	-	CL 10	24-15	5936	13
DWMHC 15	51053-00266-0000	13.0	9B Jan.-Apr.	-	-	-	CL 10	24-15	5936	14
TOTAL ACRES IN SITE		361.3								

3-2-21

Report Number: 19-337-0505
Account Number: 70594

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

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www.waypointanalytical.com

Grower: M H Coburn

SOIL ANALYSIS REPORT

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

Date Received: 12/03/2019 **Date Of Analysis:** 12/04/2019 **Date Of Report:** 12/04/2019

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
DWMHC2A	21821	5.7 H		150	311 VH			52 VL	117 M	1566 VH		6.8		0.3	9.2
DWMHC2B	21822	5.8 H		150	350 VH			60 L	119 M	1618 H		6.7	6.89	0.4	9.6
DWMHC4	21824	4.9 M		136	259 VH			49 VL	131 M	1464 VH		6.9		0.1	8.6
DWMHC5A	21825	2.6 M		94	119 VH			31 VL	100 H	856 H		6.6	6.90	0.3	5.5
DWMHC5B	21826	2.8 M		97	136 VH			37 VL	112 H	921 H		6.6	6.89	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		
DWMHC2A	1.4	10.6	85.1		3.3			14.2 VH	8 L						
DWMHC2B	1.6	10.3	84.3		4.2			15.9 VH	9 L						
DWMHC4	1.5	12.7	85.1		1.2			10.9 VH	13 M						
DWMHC5A	1.4	15.2	77.8		5.5			5.2 H	53 VH						
DWMHC5B	1.6	15.6	76.8		6.7			6.4 H	54 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: Pauric McGroary

Pauric McGroary

Report Number: 19-337-0505
Account Number: 70594

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

Grower: M H Coburn

Date Received: 12/03/2019
Date Of Report: 12/04/2019

SOIL FERTILITY RECOMMENDATIONS

Sample ID Field ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P_2O_5 lb/A	Potash K_2O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
DWMHC2A	Adjust pH to 6.8	0	0.0				0			3			
DWMHC2B	Adjust pH to 6.8	0	1.0				0			3			
DWMHC4	Adjust pH to 6.8	0	0.0				0			2			
DWMHC5A	Adjust pH to 6.8	0	1.0				0			0			
DWMHC5B	Adjust pH to 6.8	0	1.0				0			0			

Comments:
"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

Pauric McGroary

Report Number: 19-337-0505
Account Number: 70594

Send To: Recyc Systems Inc
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Culpepper VA 22701

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Grower: M H Coburn

SOIL ANALYSIS REPORT

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

Date Received: 12/03/2019 **Date Of Analysis:** 12/04/2019 **Date Of Report:** 12/04/2019

Sample ID / Field ID	Lab Number	OM % Rate	W/V Soil Class	ENR lbs/A	Phosphorus M3 ppm Rate	Phosphorus ppm Rate	Phosphorus ppm Rate	Potassium K ppm Rate	Magnesium Mg ppm Rate	Calcium Ca ppm Rate	Sodium Na ppm Rate	pH Soil pH	pH Buffer Index	Acidity H meq/100g	C.E.C meq/100g
DWMHC6	21827	4.1 M		123	215 VH			156 VH	126 H	953 H		6.6	6.89	0.4	6.6

Sample ID / Field ID	Percent Base Saturation K %	Mg %	Ca %	Na %	H %	Nitrate NO_3 N ppm Rate	Sulfur S ppm Rate	Zinc Zn ppm Rate	Manganese Mn ppm Rate	Iron Fe ppm Rate	Copper Cu ppm Rate	Boron B ppm Rate	Soluble Salts SS ms/cm Rate		
DWMHC6	6.1	15.9	72.2		6.1			8.8 VH	11 M						

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: Pauric McGroary

Pauric McGroary

Date Received: 12/03/2019
Date Of Report: 12/04/2019

SOIL FERTILITY RECOMMENDATIONS

Sample ID / Field ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P_2O_5 lb/A	Potash K_2O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
DWMHC6	Adjust pH to 6.8	0	1.0				0			2			

Comments:

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

Report Number: 19-190-0503
Account Number: 70594

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

Grower: M H Coburn
Dinwiddie

SOIL ANALYSIS REPORT

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

Date Received: 07/09/2019 **Date Of Analysis:** 07/10/2019 **Date Of Report:** 07/10/2019

Sample ID / Field ID	Lab Number	OM % Rate	W/V Soil Class	ENR lbs/A	Phosphorus M3 ppm Rate	Phosphorus ppm Rate	Phosphorus ppm Rate	Potassium K ppm Rate	Magnesium Mg ppm Rate	Calcium Ca ppm Rate	Sodium Na ppm Rate	pH Soil pH	pH Buffer Index	Acidity H meq/100g	C.E.C meq/100g
DWMHC-9	23113	2.7 M		94	127 VH			130 H	116 M	912 M		6.1	6.84	0.9	6.8

Sample ID / Field ID	Percent Base Saturation K %	Mg %	Ca %	Na %	H %	Nitrate NO_3 N ppm Rate	Sulfur S ppm Rate	Zinc Zn ppm Rate	Manganese Mn ppm Rate	Iron Fe ppm Rate	Copper Cu ppm Rate	Boron B ppm Rate	Soluble Salts SS ms/cm Rate		
DWMHC-9	4.9	14.2	67.1		13.2			6.5 H	17 M						

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: Pauric McGroary

Pauric McGroary

Date Received: 07/09/2019
Date Of Report: 07/10/2019

SOIL FERTILITY RECOMMENDATIONS

Sample ID / Field ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P_2O_5 lb/A	Potash K_2O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
DWMHC-9	Adjust pH to 6.8	0	1.3				0			2			

Comments:

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

Report Number: 19-071-1025
Account Number: 70594

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

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Grower: MH Coburn
Dinwiddie

SOIL ANALYSIS REPORT

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

Date Received: 03/12/2019 **Date Of Analysis:** 03/13/2019 **Date Of Report:** 03/13/2019

Sample ID / Field ID	Lab Number	OM % Rate	W/V Soil Class	ENR lbs/A	Phosphorus M3 ppm Rate	Phosphorus ppm Rate	Phosphorus ppm Rate	Potassium K ppm Rate	Magnesium Mg ppm Rate	Calcium Ca ppm Rate	Sodium Na ppm Rate	pH Soil pH	pH Buffer Index	Acidity H meq/100g	C.E.C meq/100g
DWMHC-10A	03814	1.8 L		81	90 H	96	59	57 L	40 L	536 H		6.1	6.88	0.5	3.7
DWMHC-10B	03815	1.8 L		80	102 VH			61 L	45 L	589 H		6.1	6.87	0.6	4.1

Sample ID / Field ID	Percent Base Saturation K %	Mg %	Ca %	Na %	H %	Nitrate NO_3 N ppm Rate	Sulfur S ppm Rate	Zinc Zn ppm Rate	Manganese Mn ppm Rate	Iron Fe ppm Rate	Copper Cu ppm Rate	Boron B ppm Rate	Soluble Salts SS ms/cm Rate		
DWMHC-10A	4.0	9.0	72.4		13.5										
DWMHC-10B	3.8	9.1	71.8		14.6										

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: Pauric McGroary

Pauric McGroary

Report Number: 19-071-1025
Account Number: 70594

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Culpepper VA 22701

Grower: MH Coburn
Dinwiddie

Date Received: 03/12/2019
Date Of Report: 03/13/2019

SOIL FERTILITY RECOMMENDATIONS

Sample ID Field ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P_2O_5 lb/A	Potash K_2O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
DWMHC-10A	Adjust pH to 6.8	0	1.3				15						
DWMHC-10B	Adjust pH to 6.8	0	1.3				14						

Comments:

Sample(s) : DWMHC-10B Crop: Adjust pH to 6.8

Apply dolomitic lime to raise pH and improve the magnesium level.

If dolomitic lime is not used, apply required magnesium with magnesium oxide. Epsom Salts, K-Mag or Sul-PO-Mag.

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

Pauric McGroary

Report Number: 18-137-0502
Account Number: 70594

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

Grower: MH Coburn
Dinwiddie

SOIL ANALYSIS REPORT

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

Date Received: 05/17/2018 **Date Of Analysis:** 05/18/2018 **Date Of Report:** 05/18/2018

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
DWMHC-11	02772	1.2 L		68	118 VH			31 VL	71 M	694 H		6.6	6.90	0.3	4.4

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		
DWMHC-11	1.8	13.4	78.9		6.8			1.8 L	15 M						

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: Pauric McGroary

Pauric McGroary

Date Received: 05/17/2018
Date Of Report: 05/18/2018

SOIL FERTILITY RECOMMENDATIONS

Sample ID / Field ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P_2O_5 lb/A	Potash K_2O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
DWMHC-11	Adjust pH to 6.8	0	1.0				0			2			

Comments:

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

THE PLANNER IS NOT STATE CERTIFIED

Nutrient Management Plan Balance Sheet
(Spring, 2020-Summer, 2022)
M H Coburn
Planner: John Doe

Tract: 5936 **Location: Dinwiddie**
(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, 17/DWMHC 1(N)	24/24	2020	Wheat (grain)	100-60-60	0/0				100-60-60	N/A			
2/DWMHC 2(N)	40/40	2020	Grass Pasture	50-30-40	0/0				50-30-40	N/A			
3, 4, 7/DWMHC 3(N)	38/38	2020	Wheat (grain)	100-60-60	0/0				100-60-60	N/A			
2/DWMHC 4(N)	43/43	2020	Grass Pasture	50-30-40	0/0				50-30-40	N/A			
2/DWMHC 5(N)	28/28	2020	Grass Pasture	50-30-40	0/0				50-30-40	N/A			
6/DWMHC 6(N)	18/18	2020	Grass Pasture	50-30-40	0/0				50-30-40	N/A			
9/DWMHC 7(N)	13/13	2020	Grass Pasture	50-30-40	0/0				50-30-40	N/A			
8/DWMHC 8(N)	14/14	2020	Wheat (grain)	100-60-60	0/0				100-60-60	N/A			
9, 15/DWMHC 9(N)	40/40	2020	Grass Pasture	50-30-40	0/0				50-30-40	N/A			
10/DWMHC 10(N)	42/42	2020	Wheat (grain)	100-60-60	0/0				100-60-60	N/A			
11/DWMHC 11(N)	20/20	2020	Wheat (grain)	100-60-60	0/0				100-60-60	N/A			
13/DWMHC 12(N)	11/11	2020	Wheat (grain)	100-60-60	0/0				100-60-60	N/A			
16/DWMHC 13(N)	7/7	2020	Wheat (grain)	100-60-60	0/0				100-60-60	N/A			
13/DWMHC 14(N)	11/11	2020	Corn (grain)	120-60-60	20/0				100-60-60	N/A			
14/DWMHC 15(N)	13/13	2020	Wheat (grain)	100-60-60	0/0				100-60-60	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
5936	DWMHC 1	24	[No Test]						
5936	DWMHC 2	40	[No Test]						
5936	DWMHC 3	38	[No Test]						
5936	DWMHC 4	43	[No Test]						
5936	DWMHC 5	28	[No Test]						
5936	DWMHC 6	18	[No Test]						
5936	DWMHC 7	13	[No Test]						
5936	DWMHC 8	14	[No Test]						
5936	DWMHC 9	40	[No Test]						
5936	DWMHC 10	42	[No Test]						
5936	DWMHC 11	20	[No Test]						
5936	DWMHC 12	11	[No Test]						
5936	DWMHC 13	7	[No Test]						
5936	DWMHC 14	11	[No Test]						
5936	DWMHC 15	13	[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
5936	5936/1, 17	DWMHC 1	24	Appling	IVa	II	III	III	
	5936/2	DWMHC 2	40	Appling	IVa	III	III	III	
	5936/3, 4, 7	DWMHC 3	38	Appling	IVa	III	III	III	
	5936/2	DWMHC 4	43	Appling	IVa	III	III	III	
	5936/2	DWMHC 5	28	Appling	IVa	II	III	III	
	5936/6	DWMHC 6	18	Appling	IVb	III	III	III	
	5936/9	DWMHC 7	13	Appling	IVb	III	III	III	
	5936/8	DWMHC 8	14	Appling	IVa	II	III	III	
	5936/9, 15	DWMHC 9	40	Appling	IVa	II	III	III	
	5936/10	DWMHC 10	42	Appling	IVa	II	III	III	
	5936/11	DWMHC 11	20	Appling	IVa	II	III	III	
	5936/13	DWMHC 12	11	Appling	IVa	III	III	III	
	5936/16	DWMHC 13	7	Helena	IVb	IV	Not Suited	IV	
	5936/13	DWMHC 14	11	Appling	IVa	II	III	III	
	5936/14	DWMHC 15	13	Appling	IVa	III	III	III	

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, 2020 - Summer, 2022**

Farm Name: **M H Coburn**
Location: Dinwiddie
Specialist: John Doe
N-based Acres: 361.3
P-based Acres: 0.0

Tract Name: **5936**
FSA Number: 5936
Location: Dinwiddie

Field Name: **DWMHC 1**
Total Acres: 24.30 Usable Acres: 24.30
FSA Number: 1, 17
Tract: 5936
Location: Dinwiddie
Slope Class: B Hydrologic Group: B

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

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

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
74	2B	Appling
15	4B	Cecil
11	4C	Cecil

Field Warnings:

Field Name: **DWMHC 2**
Total Acres: 39.60 Usable Acres: 39.60
FSA Number: 2
Tract: 5936
Location: Dinwiddie
Slope Class: B Hydrologic Group: B

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
34	4C	Cecil
18	9B	Helena
3	2C	Appling
46	2B	Appling

Field Warnings:

Field Name: **DWMHC 3**
Total Acres: 38.30 Usable Acres: 38.30
FSA Number: 3, 4, 7
Tract: 5936
Location: Dinwiddie

Slope Class: B Hydrologic Group: B

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

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

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
49	2B	Appling
7	2C	Appling
33	4B	Cecil
12	9B	Helena

Field Warnings:

Field Name: DWMHC 4
Total Acres: 43.40 Usable Acres: 43.40
FSA Number: 2
Tract: 5936
Location: Dinwiddie
Slope Class: B Hydrologic Group: B

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
13	9B	Helena
13	4B	Cecil
25	2C	Appling
50	2B	Appling

Field Warnings:

Field Name: DWMHC 5

Total Acres:	28.10	Usable Acres:	28.10
FSA Number:	2		
Tract:	5936		
Location:		Dinwiddie	
Slope Class:	B	Hydrologic Group:	B

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
65	2B	Appling
35	2C	Appling

Field Warnings:

Field Name: **DWMHC 6**
Total Acres: 18.40 Usable Acres: 18.40
FSA Number: 6
Tract: 5936
Location: Dinwiddie
Slope Class: B Hydrologic Group: B

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
43	2B	Appling
26	2C	Appling
31	9B	Helena

Field Warnings:

Field Name: **DWMHC 7**
Total Acres: 12.50 Usable Acres: 12.50
FSA Number: 9

Tract: 5936
Location: Dinwiddie
Slope Class: C Hydrologic Group: B

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
20	9B	Helena
17	4B	Cecil
61	2C	Appling
2	2B	Appling

Field Warnings:

Field Name: DWMHC 8
Total Acres: 13.60 Usable Acres: 13.60
FSA Number: 8
Tract: 5936
Location: Dinwiddie
Slope Class: B Hydrologic Group: B

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

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

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
57	2B	Appling
20	2C	Appling
23	4B	Cecil

Field Warnings:

Field Name: **DWMHC 9**

Total Acres:	40.00	Usable Acres:	40.00
FSA Number:	9, 15		
Tract:	5936		
Location:		Dinwiddie	
Slope Class:	C	Hydrologic Group:	B

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
16	2B	Appling
81	2C	Appling
3	4C	Cecil

Field Warnings:

Field Name: DWMHC 10
Total Acres: 41.60 Usable Acres: 41.60
FSA Number: 10
Tract: 5936
Location: Dinwiddie
Slope Class: B Hydrologic Group: B

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

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

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
59	2B	Appling
26	2C	Appling
15	4C	Cecil

Field Warnings:

Field Name: DWMHC 11
Total Acres: 20.00 Usable Acres: 20.00
FSA Number: 11
Tract: 5936

Location: Dinwiddie
Slope Class: B Hydrologic Group: B

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

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

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
97	2B	Appling
3	2C	Appling

Field Warnings:

Field Name: DWMHC 12
Total Acres: 10.90 Usable Acres: 10.90
FSA Number: 13
Tract: 5936
Location: Dinwiddie
Slope Class: B Hydrologic Group: B

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

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

Soil Test Results:

DATE	PH	P	K	Lab

[NO TEST]

Soils:

PERCENT	SYMBOL	SOIL SERIES
65	2B	Appling
15	2C	Appling
20	9B	Helena

Field Warnings:

Field Name: DWMHC 13
Total Acres: 6.50 Usable Acres: 6.50
FSA Number: 16
Tract: 5936
Location: Dinwiddie
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
70	9B	Helena
30	2B	Appling

Field Warnings:

Field Name: DWMHC 14
Total Acres: 11.10 Usable Acres: 11.10

FSA Number: 13
Tract: 5936
Location: Dinwiddie
Slope Class: B Hydrologic Group: B

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

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

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
92	2B	Appling
6	2C	Appling
2	9B	Helena

Field Warnings:

Field Name: DWMHC 15
Total Acres: 13.00 Usable Acres: 13.00
FSA Number: 14
Tract: 5936
Location: Dinwiddie
Slope Class: B Hydrologic Group: B

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

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

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

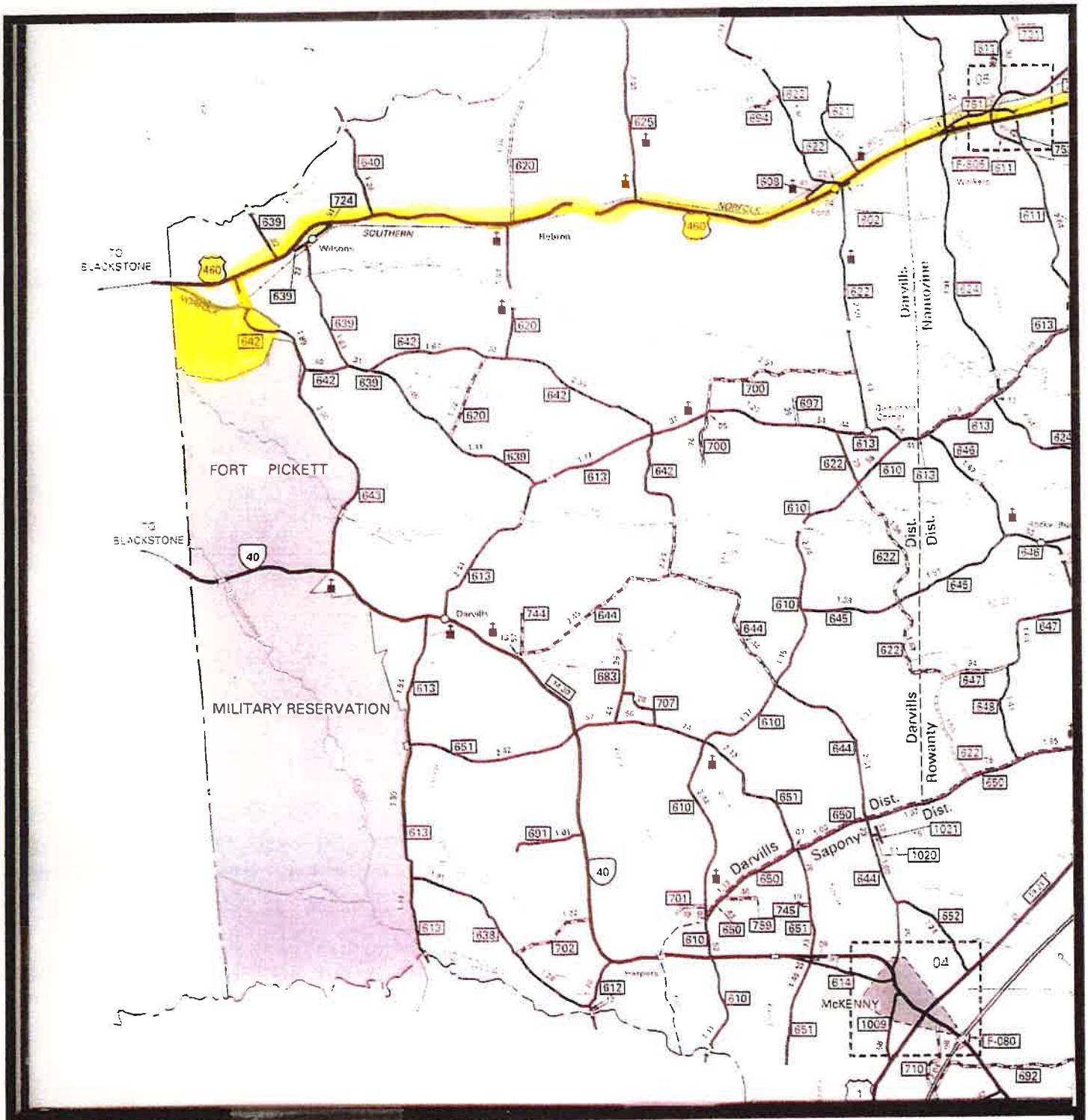
PERCENT	SYMBOL	SOIL SERIES
23	9B	Helena
77	2B	Appling

Field Warnings:

MAPS

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1 inch = 2 miles

DWMHC 1-15

12-2-19

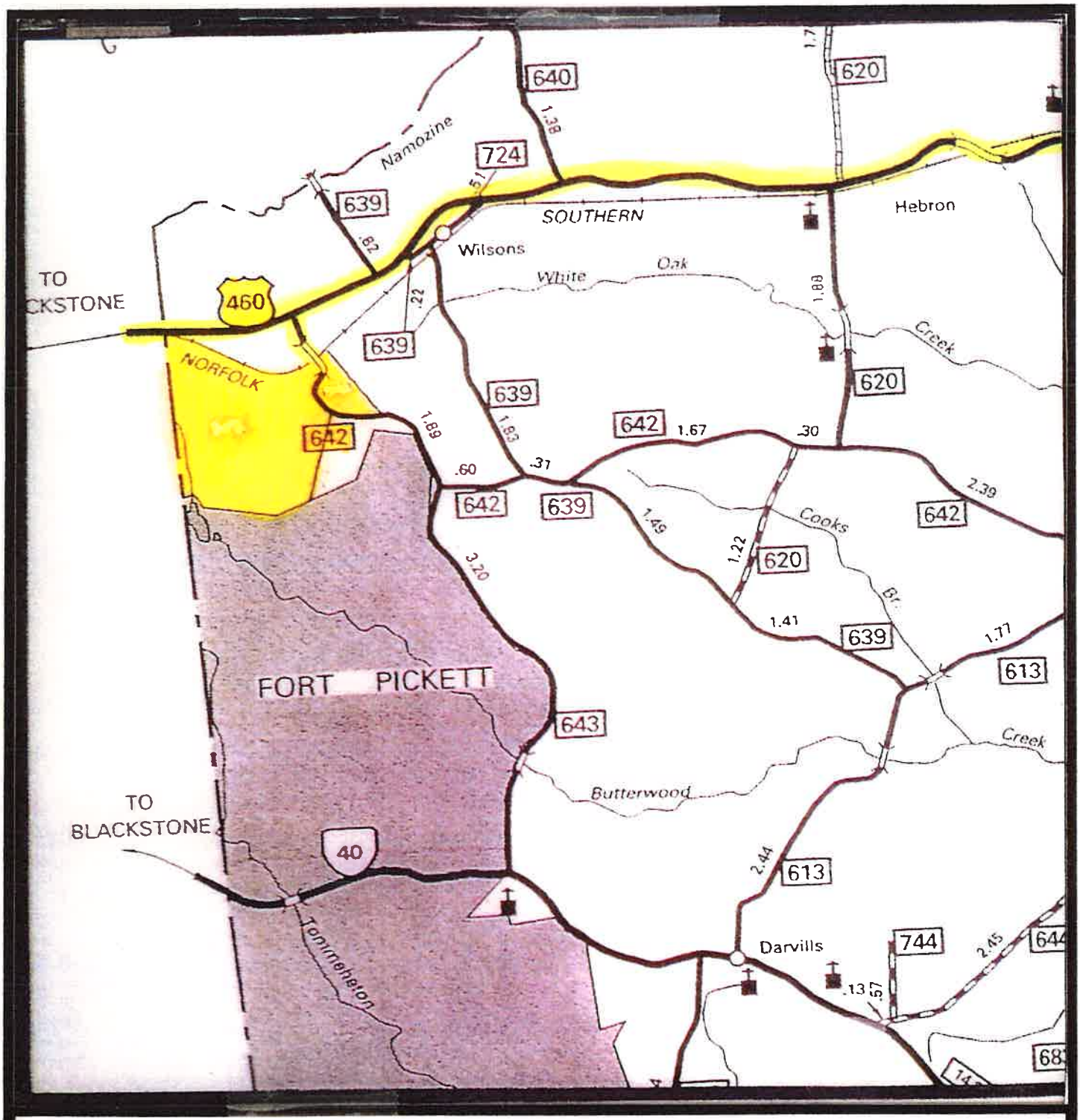
VICINITY MAP

N

Truck Route marked in Yellow

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1 inch = 1 mile

DWMHC 1-15

12-2-19

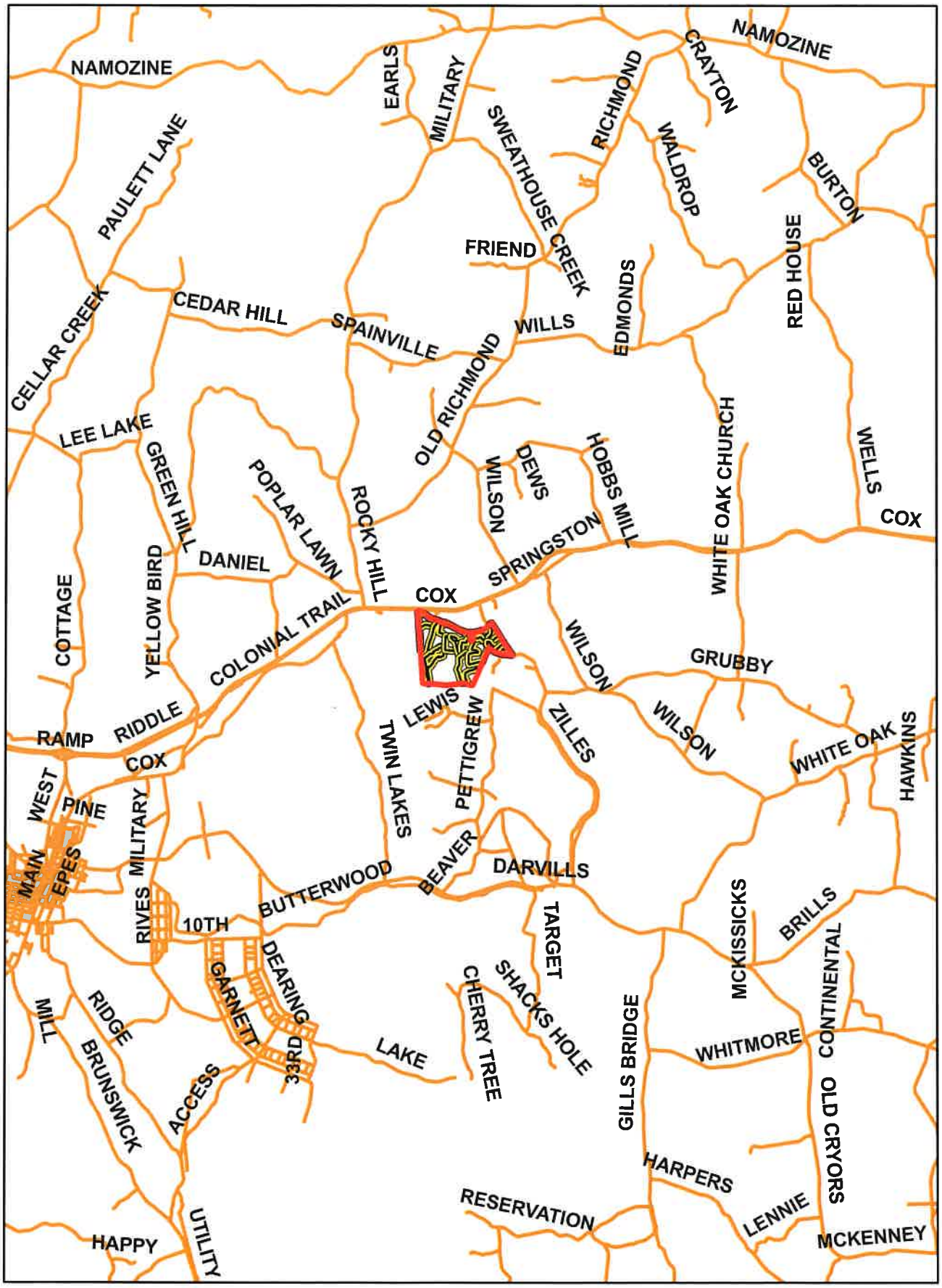
Truck Route marked in Yellow

VICINITY MAP

N

Recyc Systems Inc.

M. H. Coburn DWMHC



12-2-19

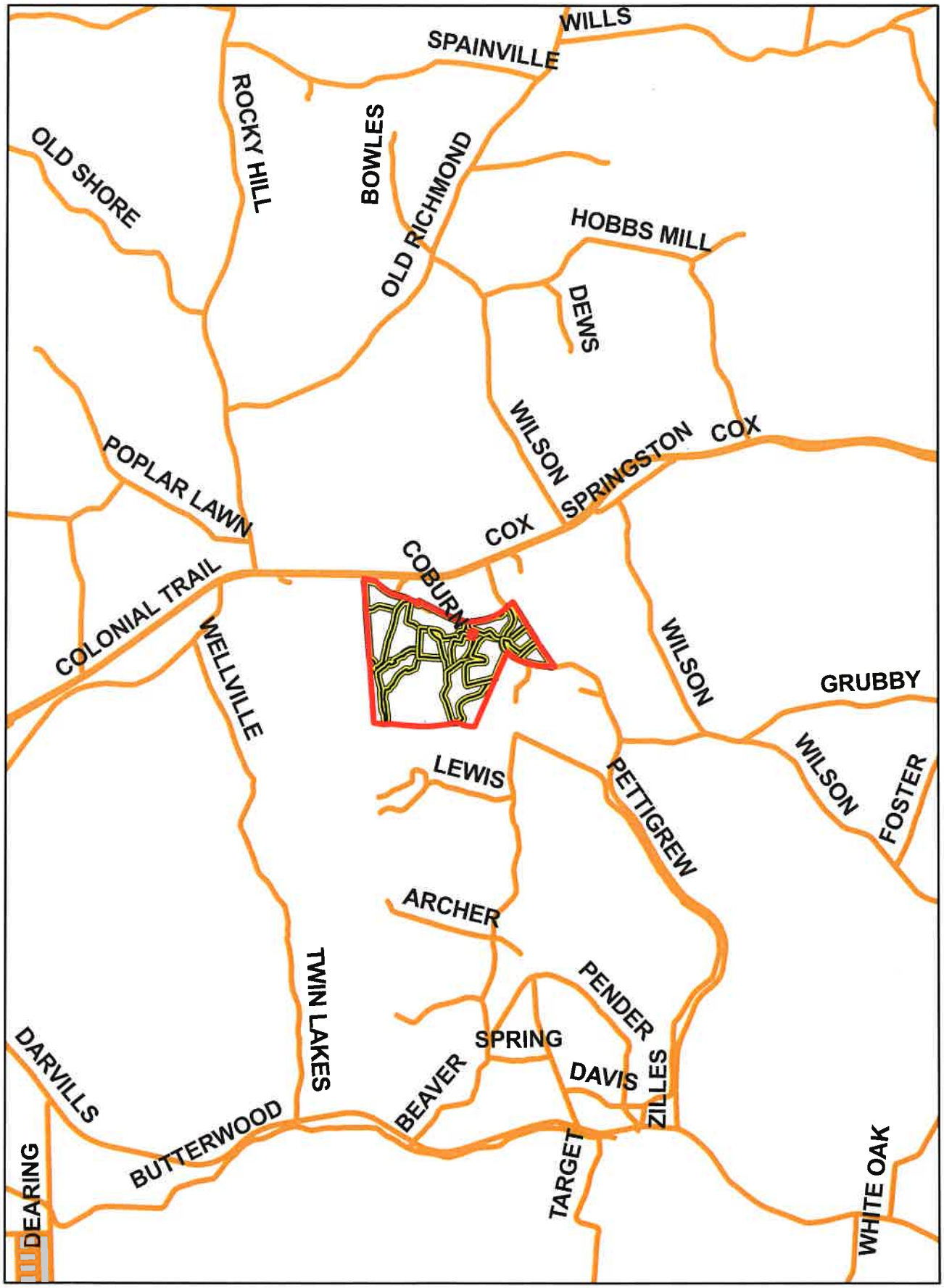
N

Vicinity Map

1 in = 2 miles

Recyc Systems Inc.

M. H. Coburn DWMHC



12-2-19

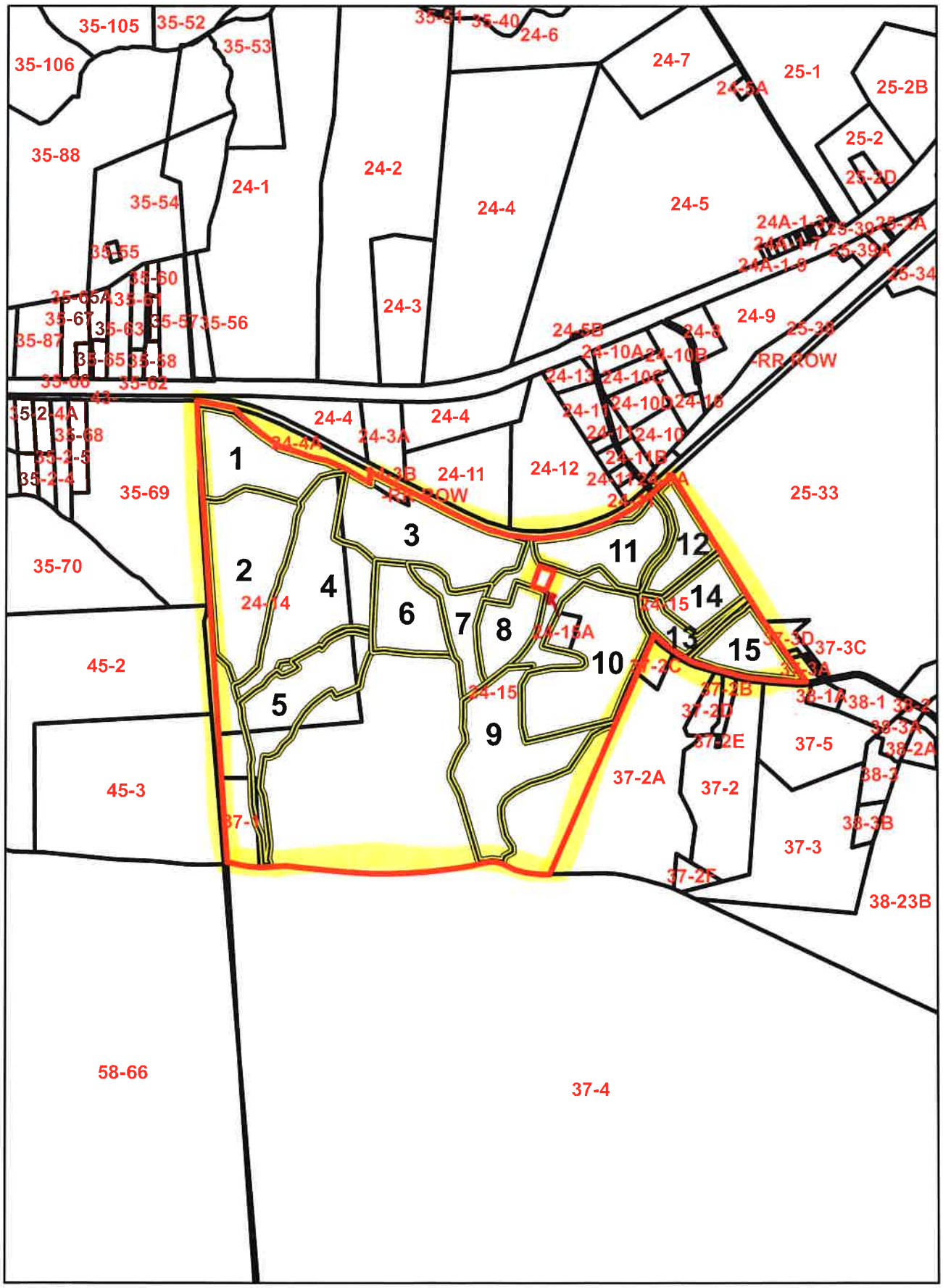
N

Vicinity Map

1 in = 1 miles

Recyc Systems Inc.

M. H. Coburn DWMHC



12-2-19

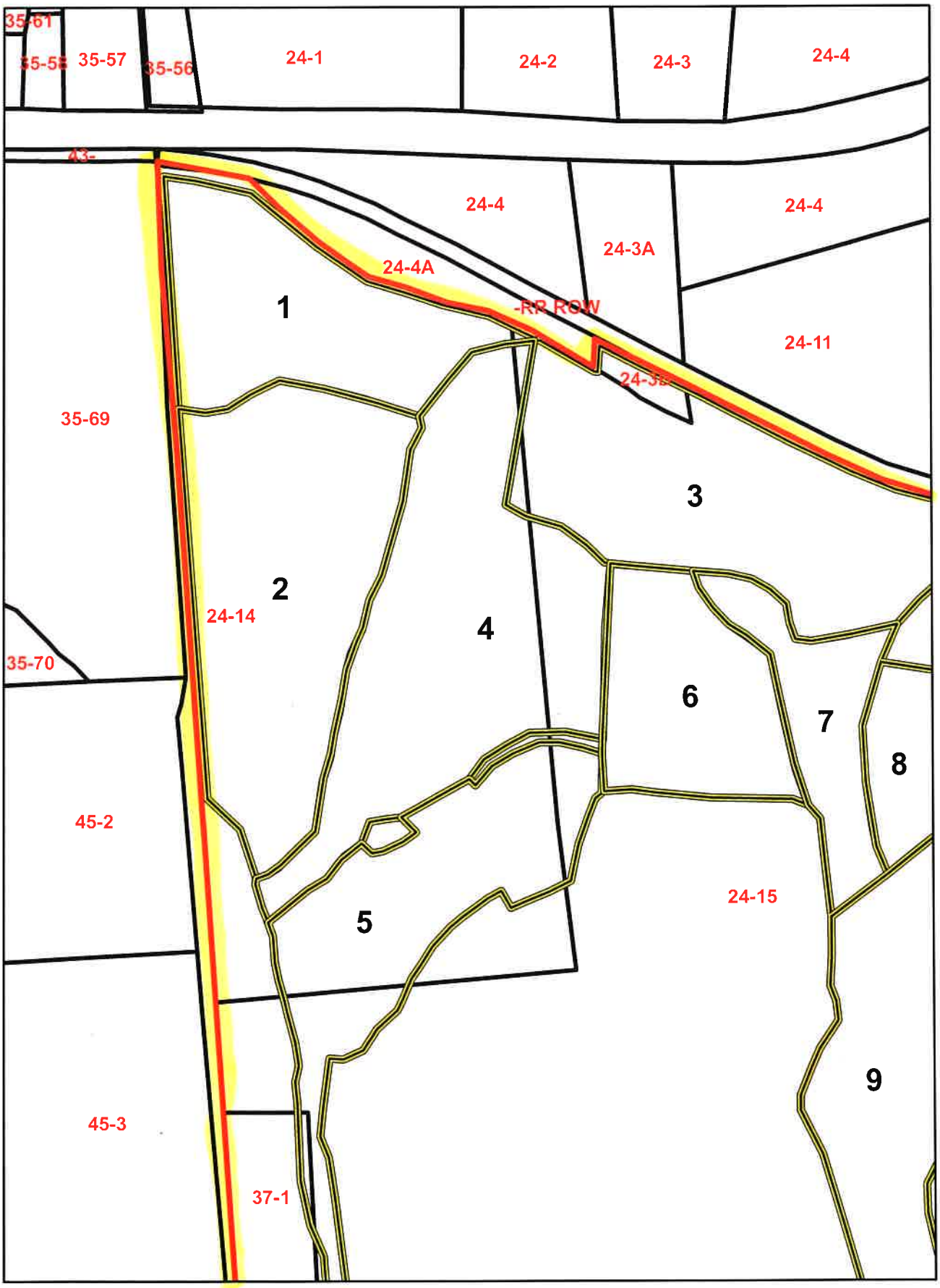
N

Tax Map

1 in = 1,667 feet

Recyc Systems Inc.

M. H. Coburn DWMHC



12-2-19

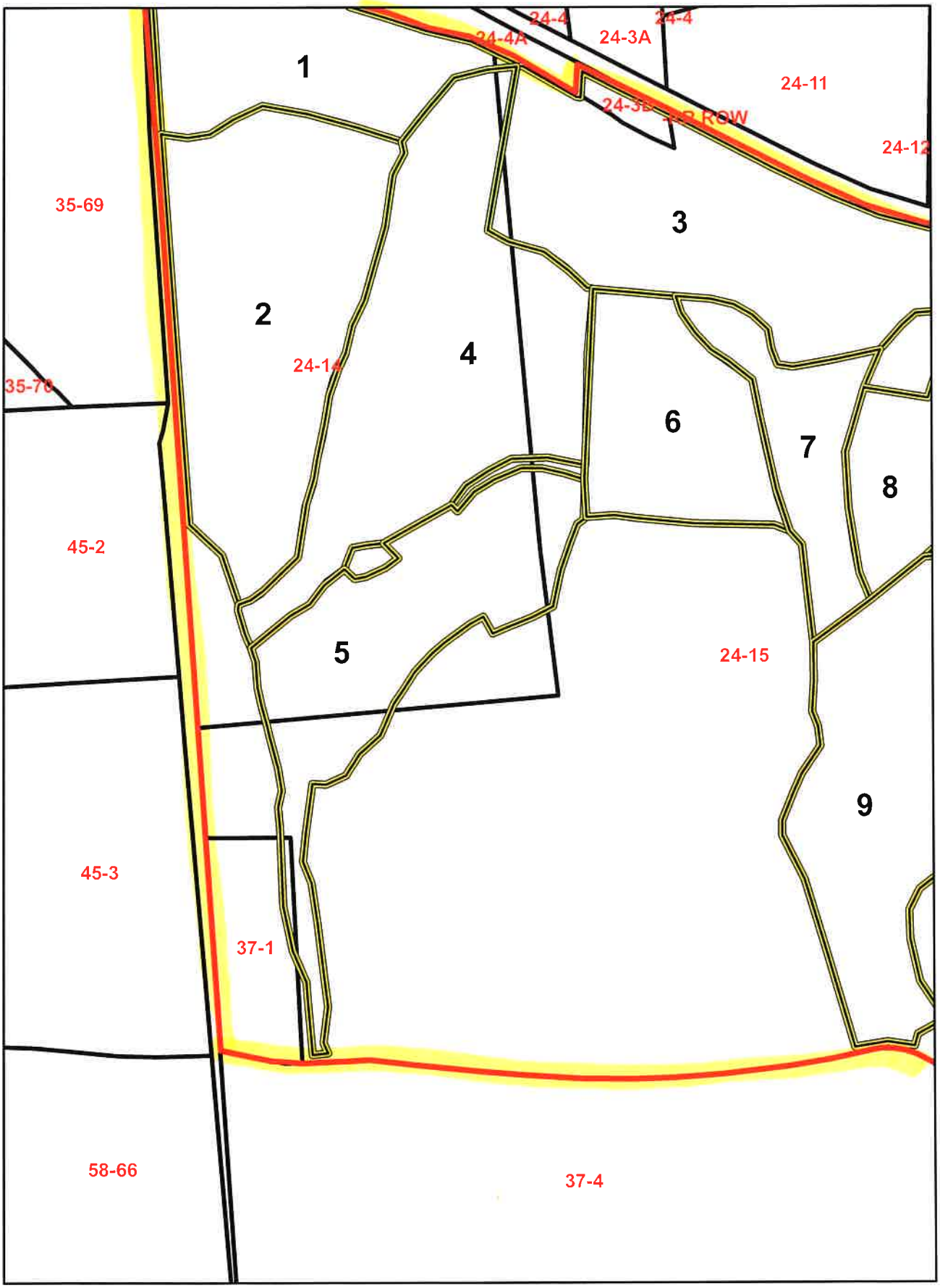
N

Tax Map

1 in = 660 feet

Recyc Systems Inc.

M. H. Coburn DWMHC



N

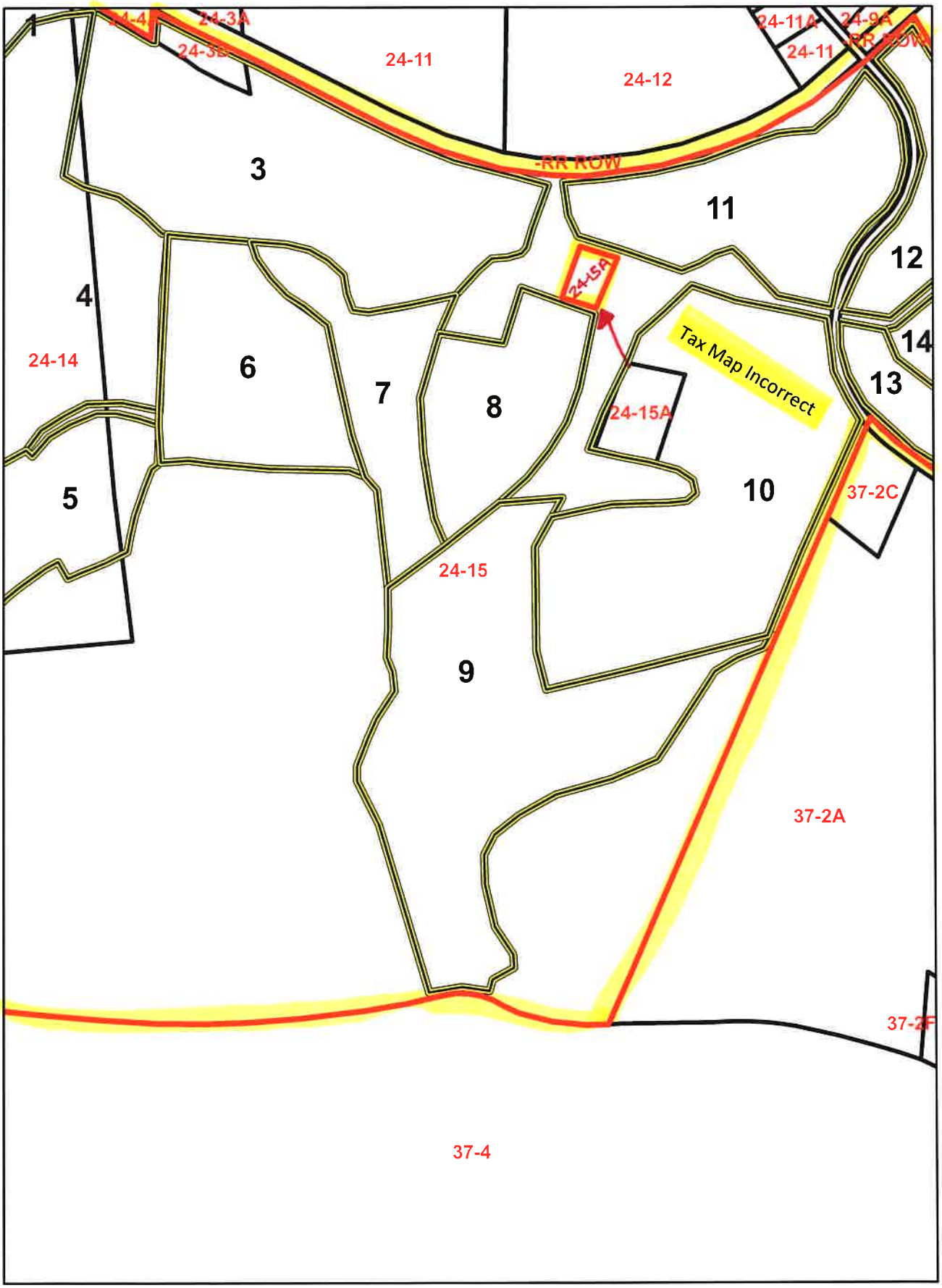
12-2-19

Tax Map

1 in = 660 feet

Recyc Systems Inc.

M. H. Coburn DWMHC



N

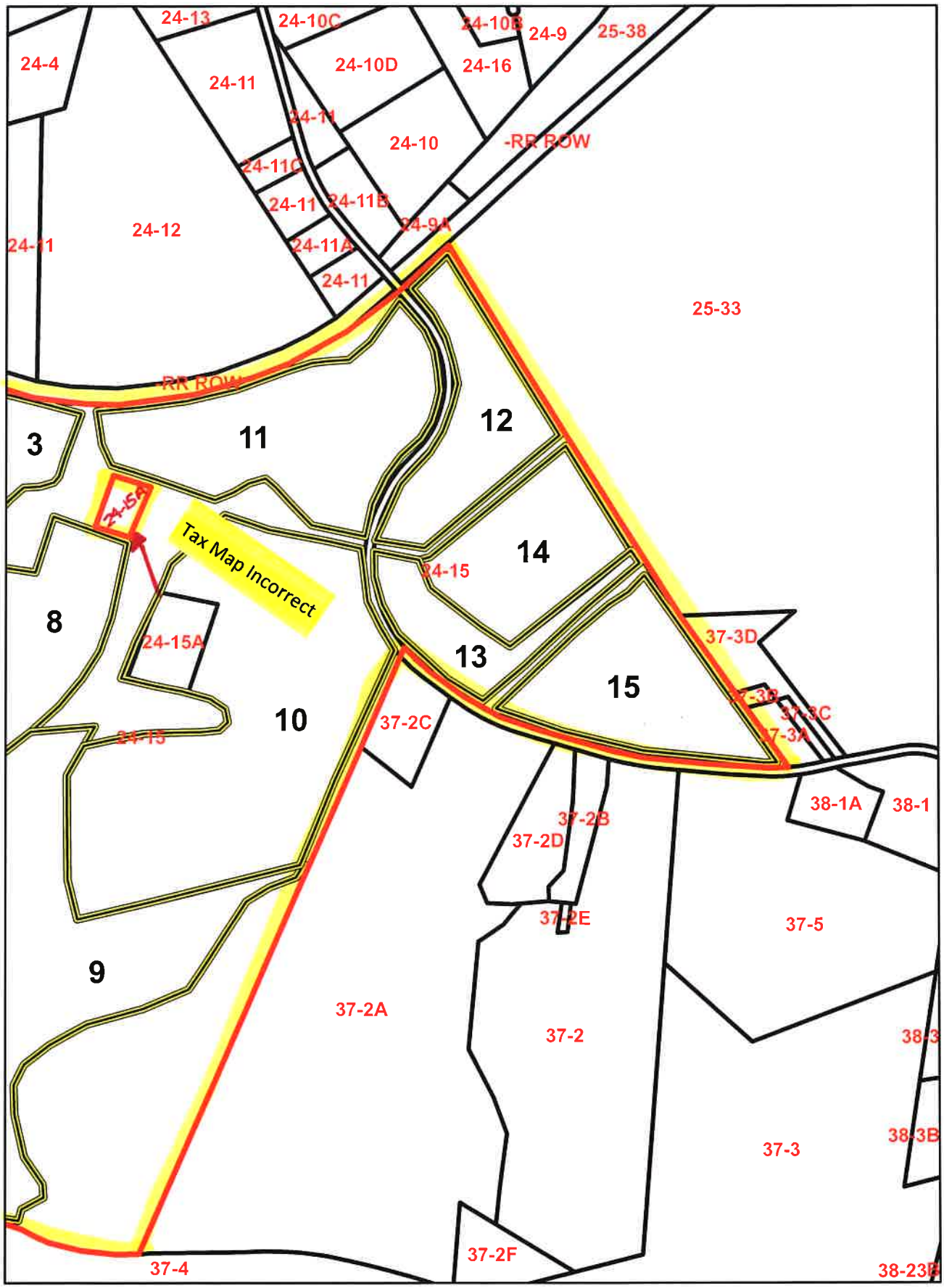
12-2-19

Tax Map

1 in = 660 feet

Recyc Systems Inc.

M. H. Coburn DWMHC



N

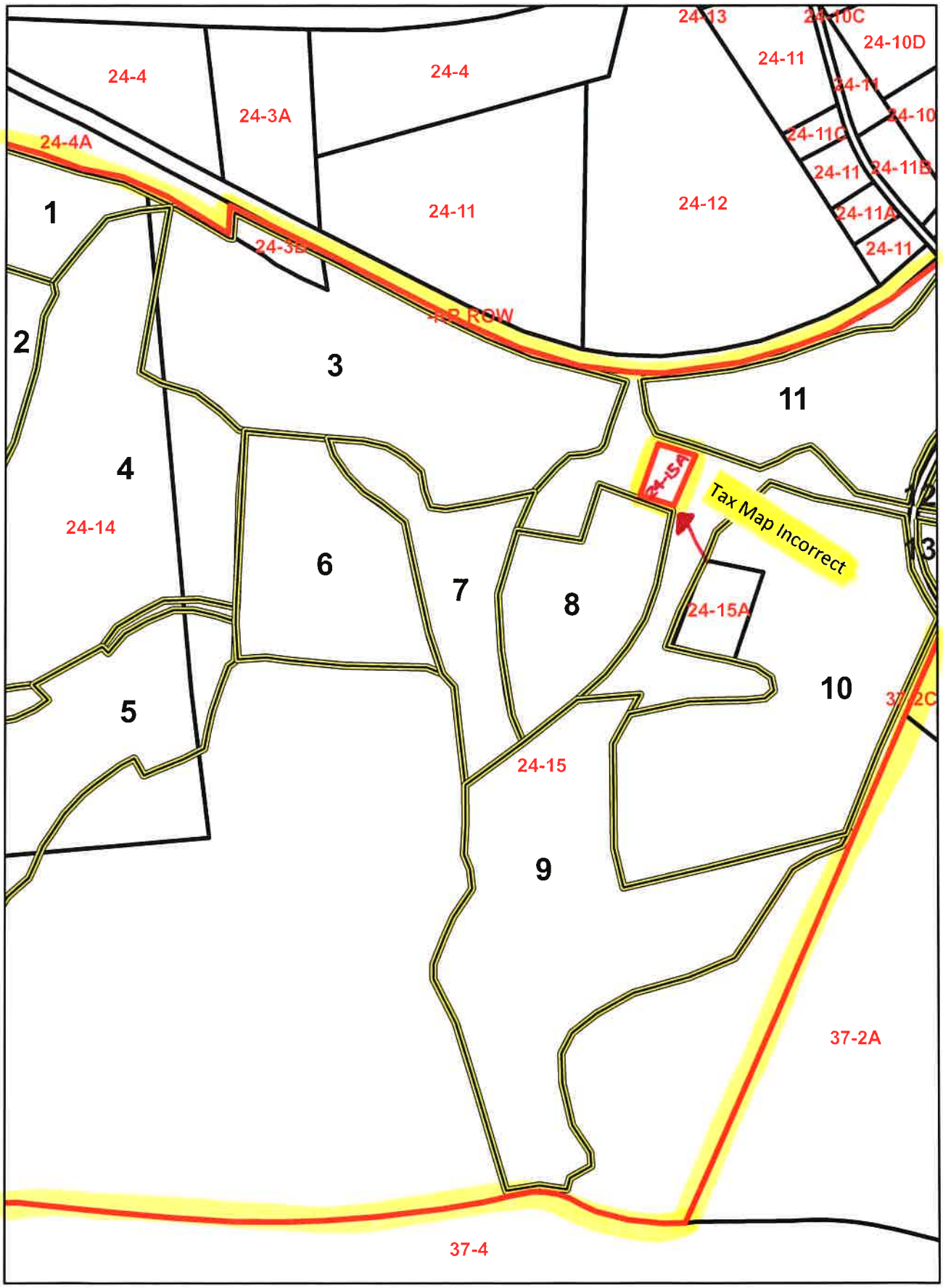
12-2-19

Tax Map

1 in = 660 feet

Recyc Systems Inc.

M. H. Coburn DWMHC



12-2-19

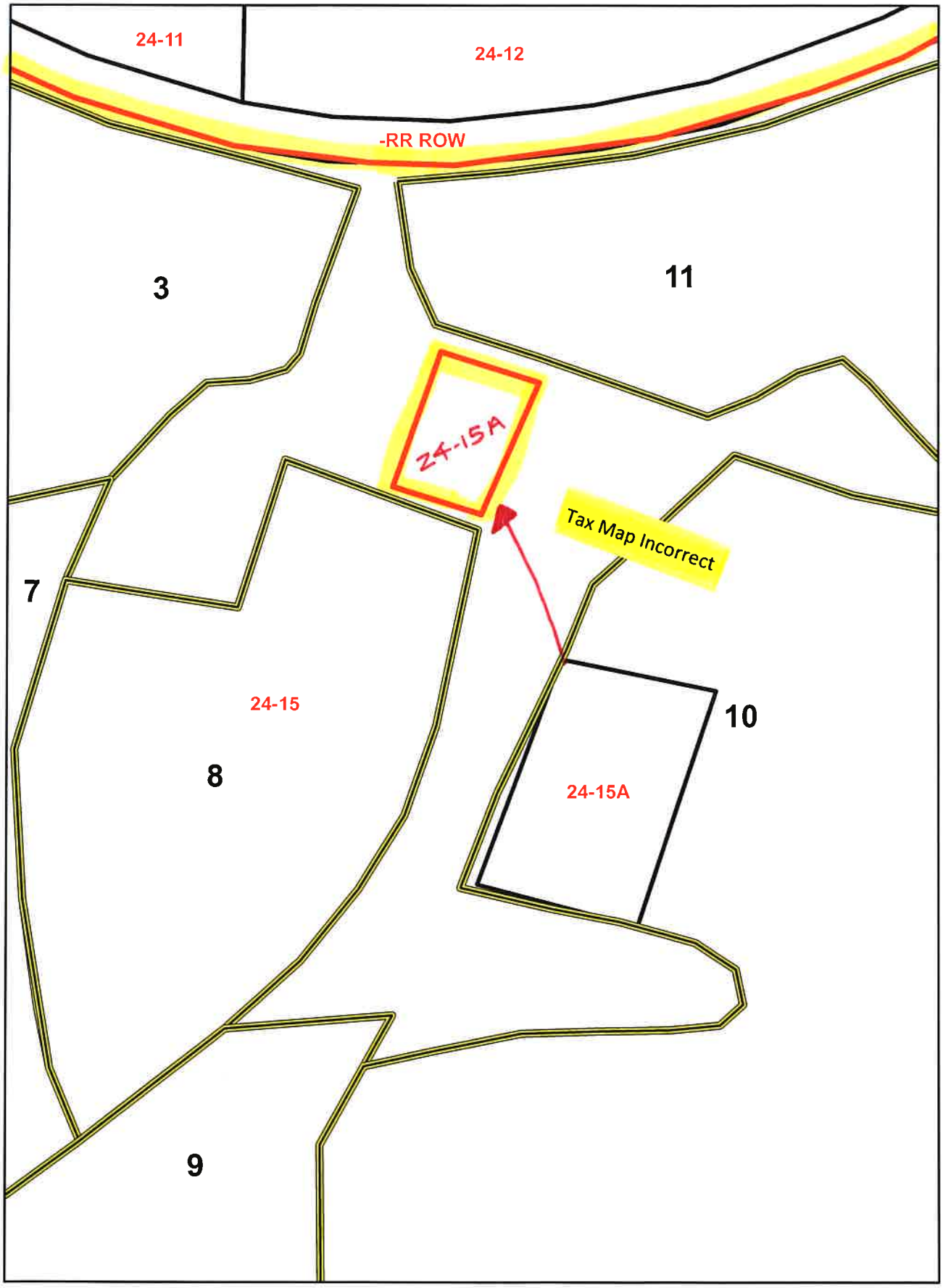
N

Tax Map

1 in = 660 feet

Recyc Systems Inc.

M. H. Coburn DWMHC



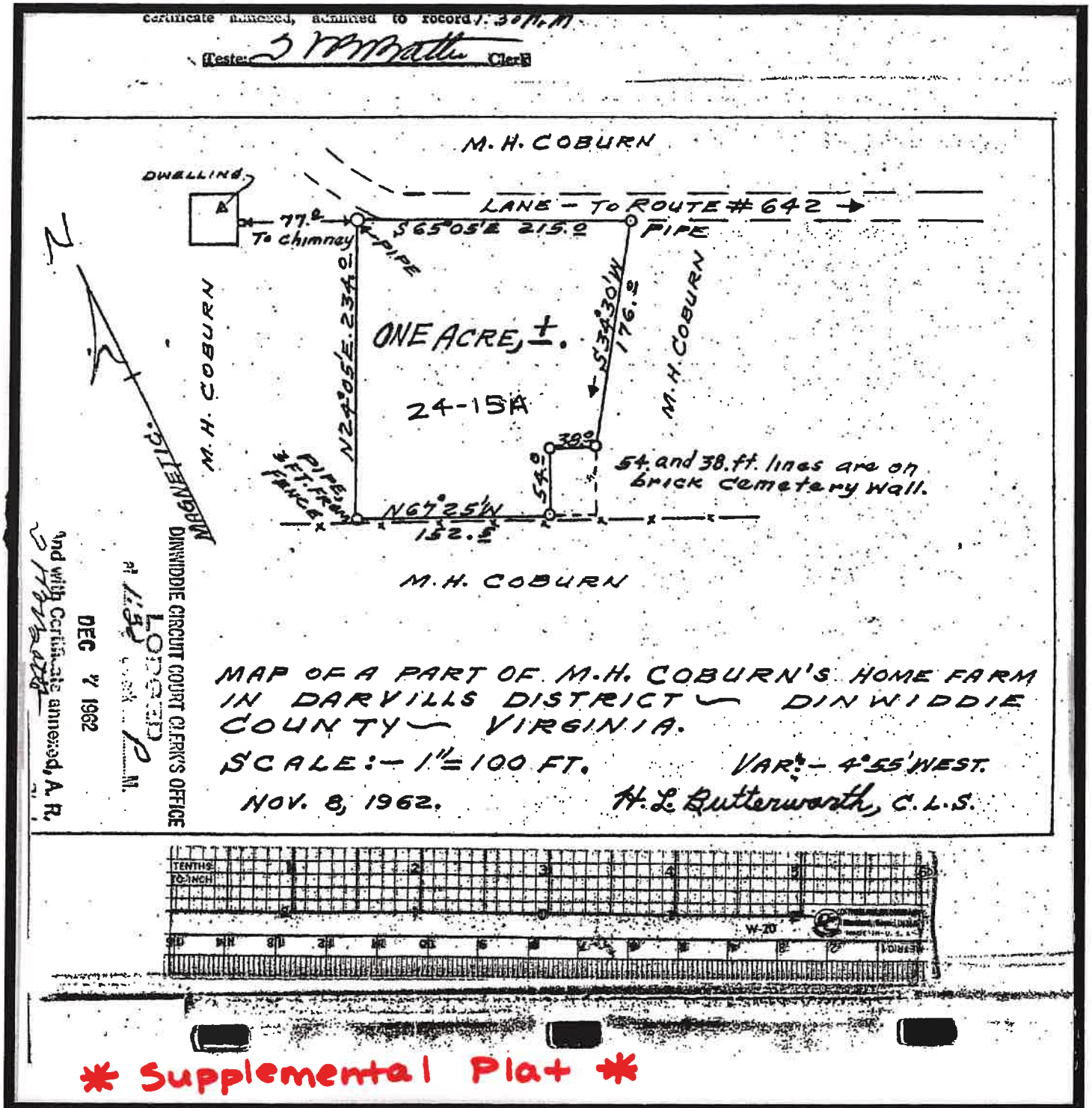
N

12-2-19

Tax Map

1 in = 250 feet

Recyc Systems™ Inc. (Biosolids Land Application)



* Supplemental Plat *

Scale: Not to scale

DWMHC

12-2-19

TAX MAP

N

Property Identification Card

Property card for 24-15A

Record Number: 11050

DINWIDDIE COUNTY

Property Information (Map: 24 15A)

Owner:
WALLACE MARY LEE

Owner Address:
10620 ZILLES ROAD

BLACKSTONE, VA 23824

Total Land Area:
1.00 Acres

Property Address:
10620 ZILES RD
BLACKSTONE, VA 23824

Legal Description(s):
N & W RR

24-15A

Zoned:

Prior Assessment:
$117,700

Magisterial District:
DARVILLS

Will Bk/Pg (Instrument):
35 / 235(04 0000119)

Remarks:

* 24-15A is in the wrong location on the Tax map. See corrections on map. It is a 1 acre homesite. *

Assessment Values (Map: 24 15A)

Building 1:	$114,772
Land Value:	$15,000
Other Improvements:	$3,328
Total Value:	**$133,100**

Acreage Description (Map: 24 15A)

Size In Acres:	1.00
Description:	Homesite
Lump Sum or Per Acre:	Lump Sum
Unit Value:	
Adjustment Percentage:	0.00
Utility Value:	15,000
Acreage Value:	$15,000

Area:	0
Unit:	
Rate:	0.00
Value:	
Total Value:	**$15,000**

Other Improvements (Map: 24 15A)

Description:	GARAGE-METAL
Total Square Feet:	704
Improvement Value:	$2,112

Description:	STORAGE-ATTACHED
Total Square Feet:	216
Improvement Value:	$216

Description:	2 BULK BARNS
Total Square Feet:	340
Improvement Value:	No Value

Description:	DRIVEWAY-CONCRETE
Total Square Feet:	N/A
Improvement Value:	$1,000

TOTAL VALUE: **$3,328**

Property card for 24-15A

Sales Information (Map: 24 15A)

Sales Date:	12/22/2004
Sales Price:	
Instrument:	Will Bk/Pg (Instrument): 35 / 235(04 0000119)
Grantor:	WALLACE CARLTON M ET UX

Transaction History (Map: 24 15A)

Sales Date:	00/00/0000
Sales Price:	
Instrument:	WF 20 0400119
Grantee:	CIRCUIT COURT MAP INTEGRATION PROJ.

Sales Date:	00/00/0000
Sales Price:	
Instrument:	0
Grantee:	WALLACE CARLTON M ET UX

Building Information (Map: 24 15A)

Building 1:

EXTERIOR INFORMATION

Year Built:	1962
Occupancy Type:	DWELLING
Condition:	AVERAGE
Foundation:	BRICK
Exterior Walls:	BRICK
Roofing:	COMP SHG
Roof Type:	GABLE
Garage:	NONE
Number of Cars:	None
Built-In No. Cars:	None
Carport:	NONE

Property card for 24-15A

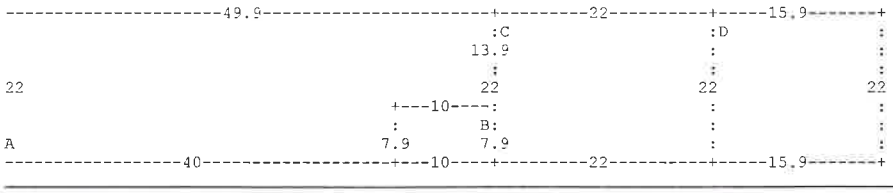
INTERIOR INFORMATION

Story Height:	1.00
Number or Rooms:	6
Number or Bedrooms:	3
Number or Full Baths:	1
Number or Half Baths:	None
Building Sq. Feet:	1504
Basement Sq. Feet:	None
Fin. Basement Sq. Feet:	None
Interior Walls:	DRYWALL
Floors:	WOOD
Floors:	CARPET
Heating:	FORCED AIR
A/C:	YES

SITE INFORMATION

Zoning Type:	
Terrain Type:	ON
Character:	ROLLING/SLOPING
Right of Way:	PRIVATE
Easements:	DIRT
Water:	WELL
Sewer:	SEPTIC
Electric:	YES
Gas:	NO
Fuel Type:	OIL
Utility Value:	None
Fireplace:	None
Stk Fireplace:	None
Flues:	1
Metal Flues:	None
Stacked Flues:	None
Inop. Flue/FP:	None

Building 1 Sketch



Property card for
24-15A

ADJOINING LANDOWNERS

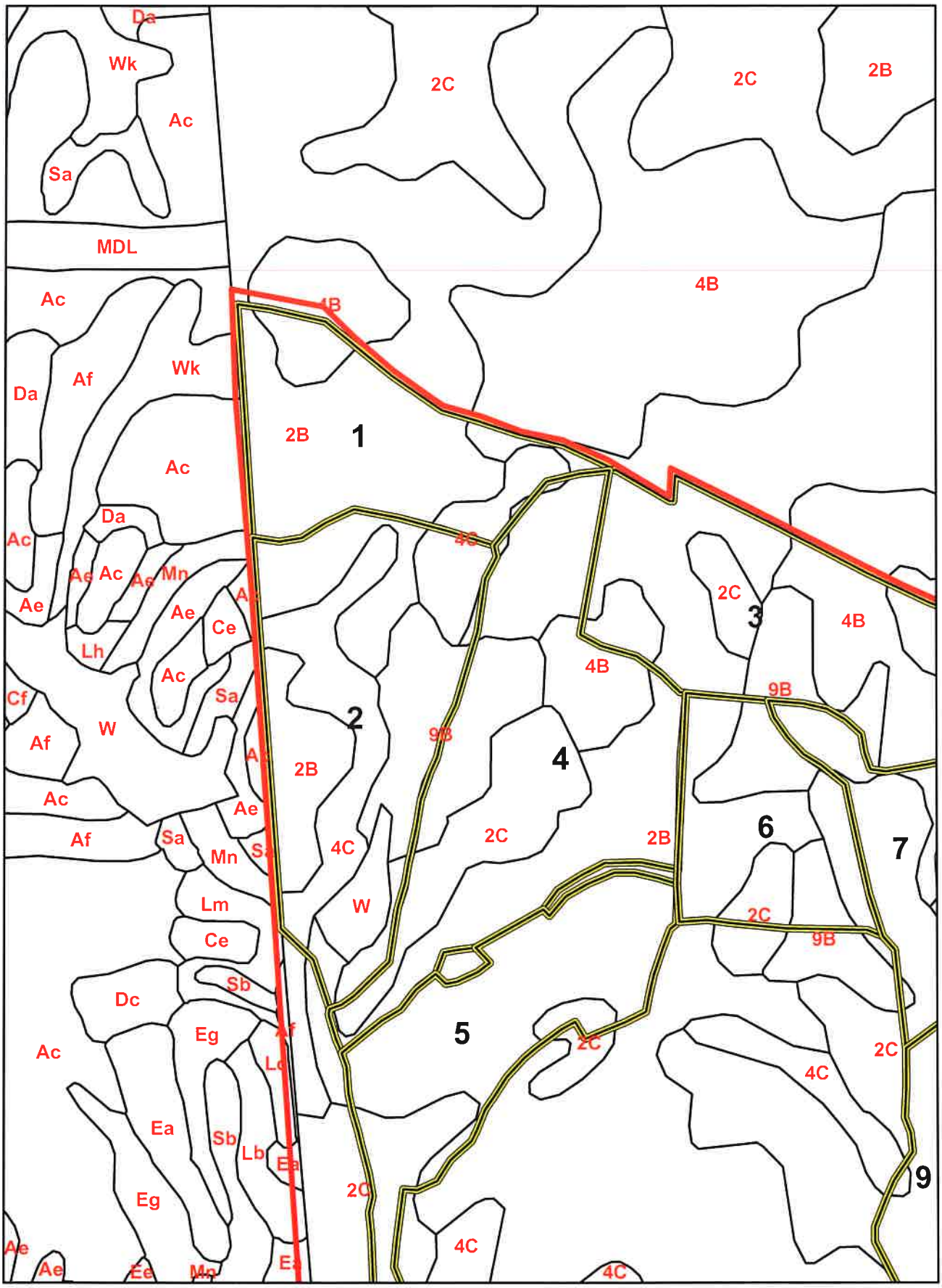
M H COBURN

DINWIDDIE COUNTY

Tax Map	Parcel #	Owner Name(s)
24	3A	William Preston Jones
	4	William Preston Jones
	4A	William Preston and Betty W. Jones
	9A	Sharon Dalton
	11	Eldorada Jackson c/o Anthony D. Jones
	12	Lee Jackson c/o Anthony D. Jones
	15A	Mary Lee Wallace
25	33	James F. Jr. and John T. Emerson
37	2	Harrison A. and Deborah Lee Moody
	2A	Harrison A. or Deborah Moody
	2B	Harrison A. Moody
	2C	Harrison A. Moody
	2D	Harrison A. or Deborah Moody
	3A	Harrison A. Moody
	3B	James F. Jr. and John T. Emerson
	3D	James F. Emerson Jr.
	4	USA c/o Sup. Petersburg Natl Battlefield
	5	Harrison A. and Deborah Lee Moody
38	1A	Patricia D. Greenhill

Recyc Systems Inc.

M. H. Coburn DWMHC



N

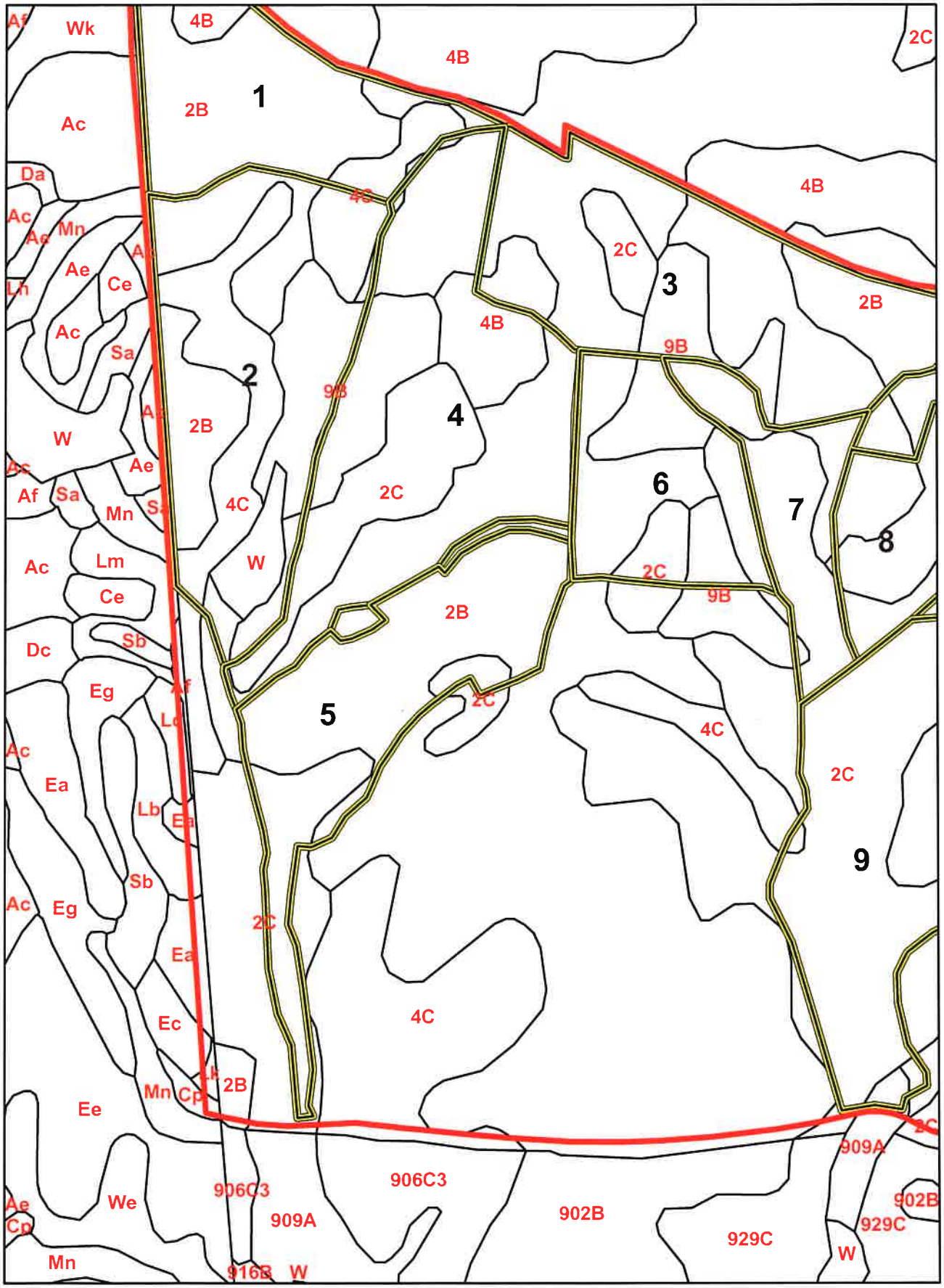
12-2-19
Frequently Flooded

Soil Map

1 in = 660 feet

Recyc Systems Inc.

M. H. Coburn DWMHC



12-2-19

Frequently Flooded

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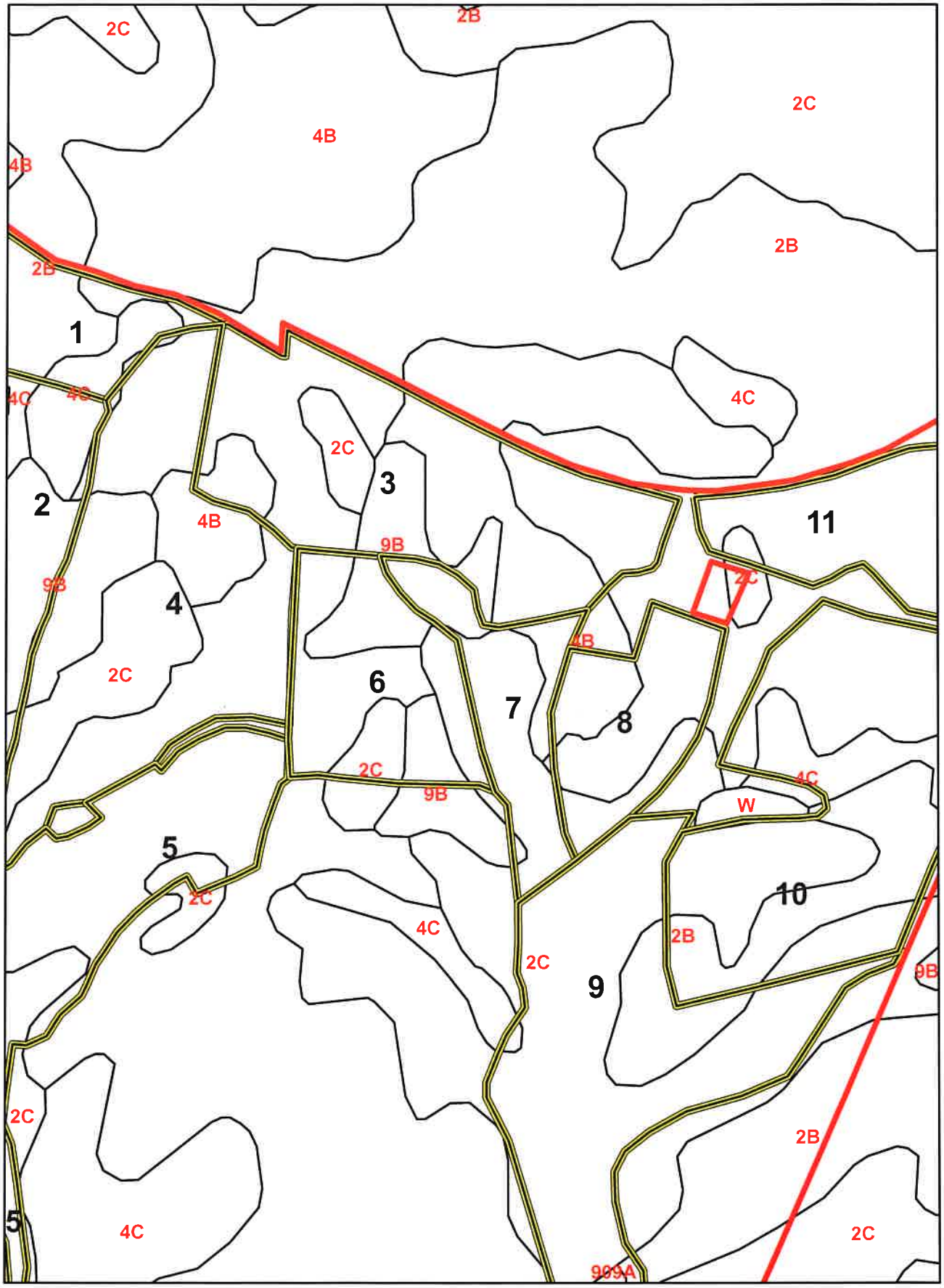

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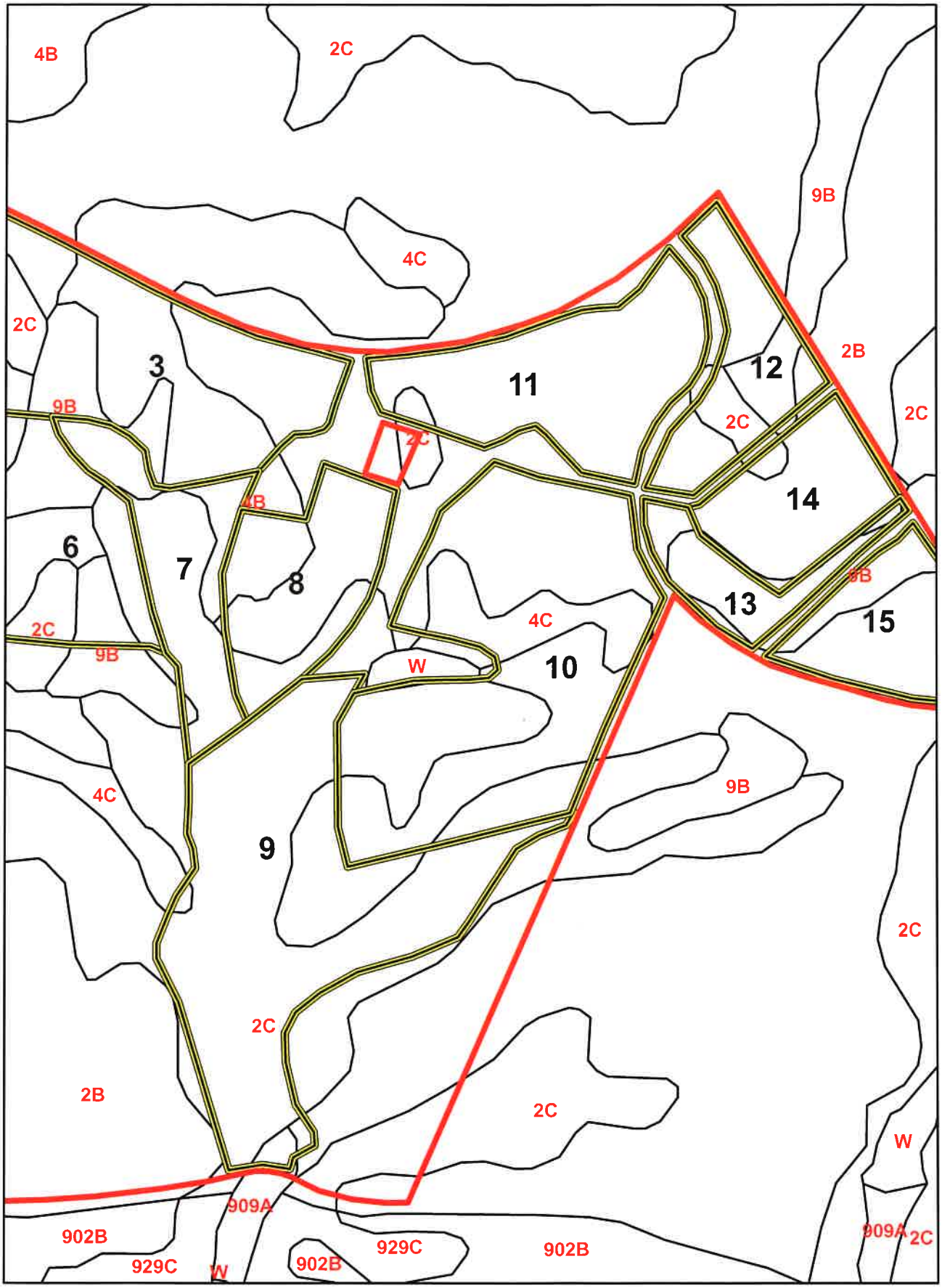

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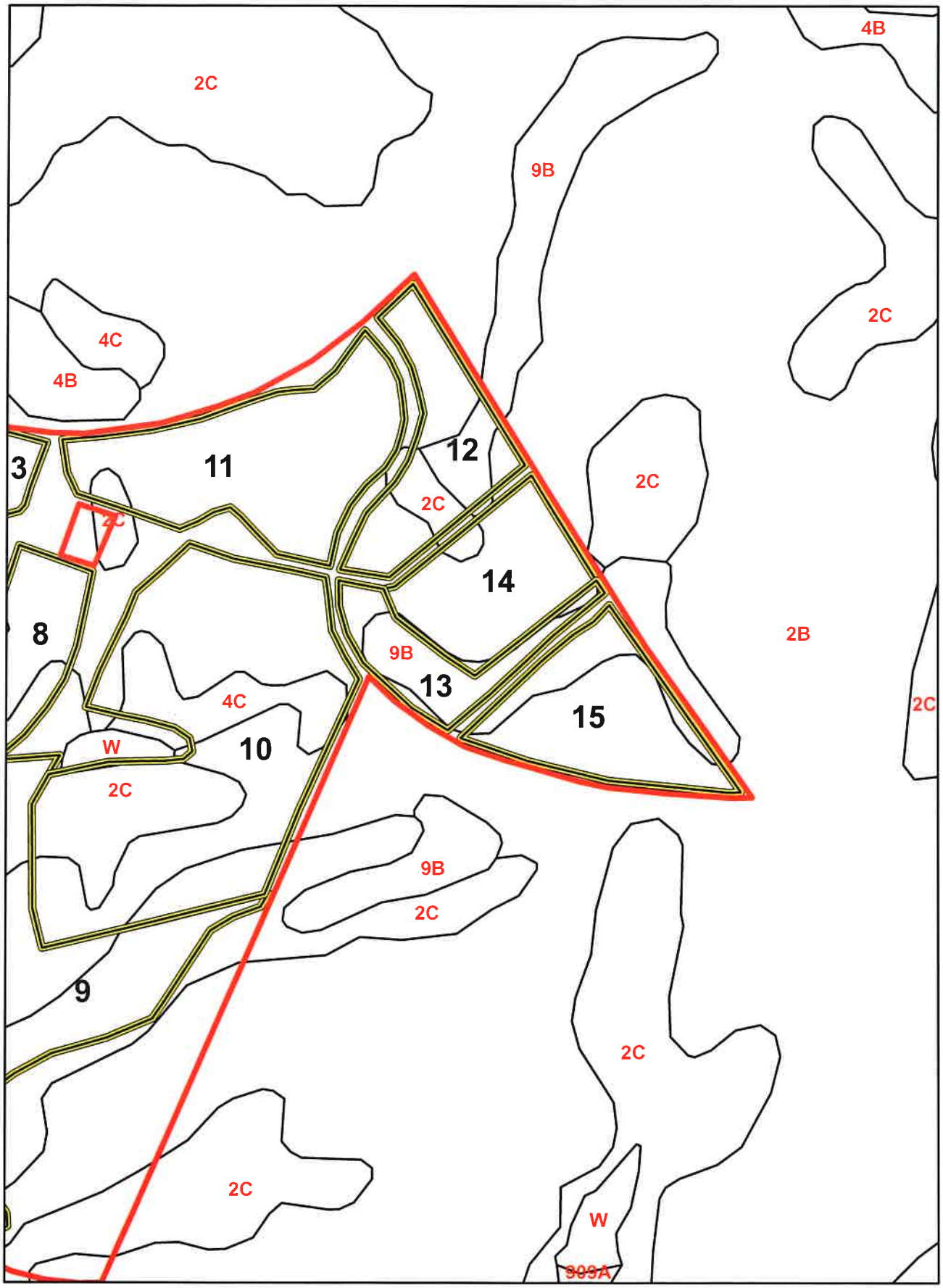

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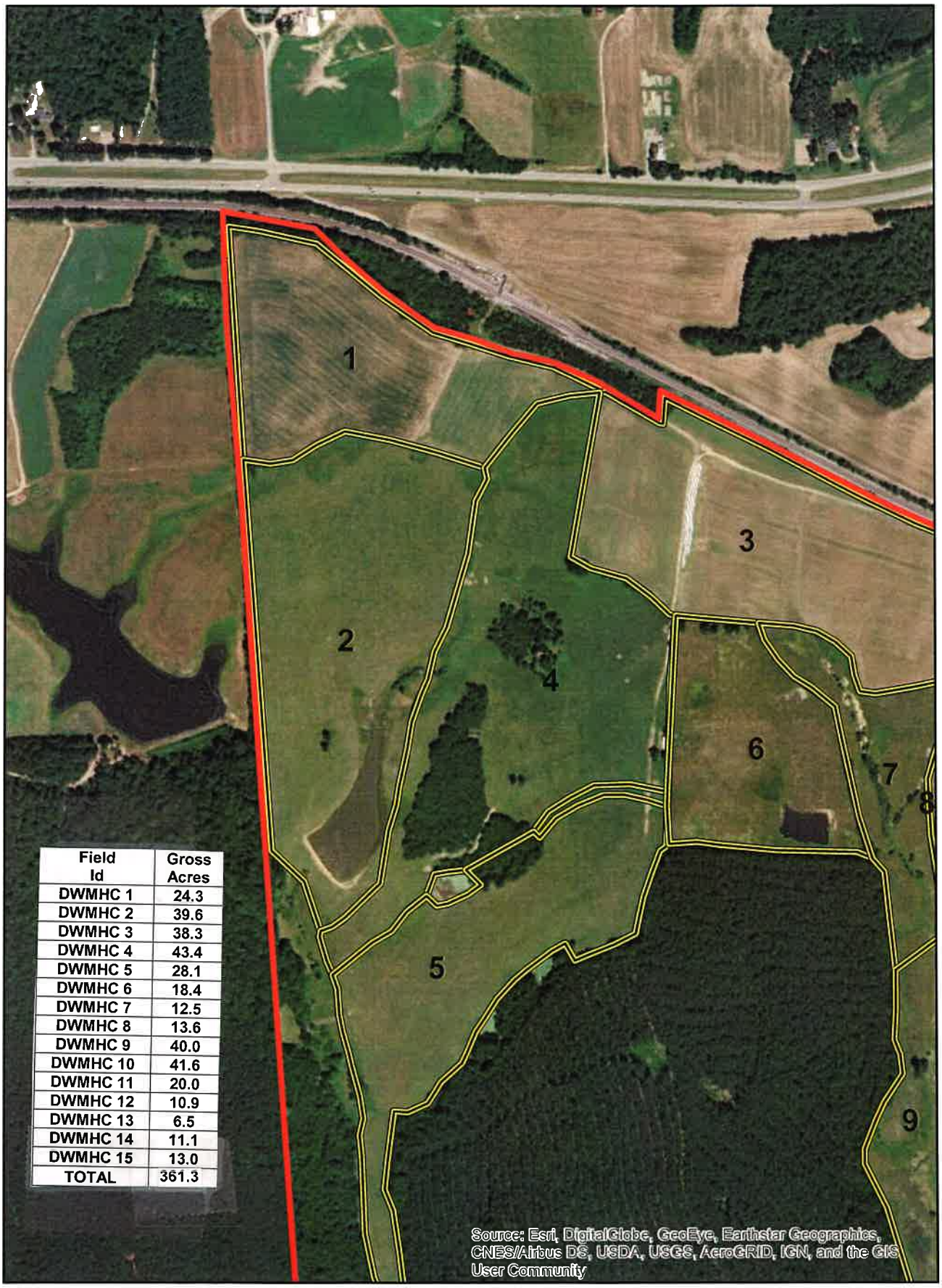


Field Id	Gross Acres
DWMHC 1	24.3
DWMHC 2	39.6
DWMHC 3	38.3
DWMHC 4	43.4
DWMHC 5	28.1
DWMHC 6	18.4
DWMHC 7	12.5
DWMHC 8	13.6
DWMHC 9	40.0
DWMHC 10	41.6
DWMHC 11	20.0
DWMHC 12	10.9
DWMHC 13	6.5
DWMHC 14	11.1
DWMHC 15	13.0
TOTAL	361.3

N

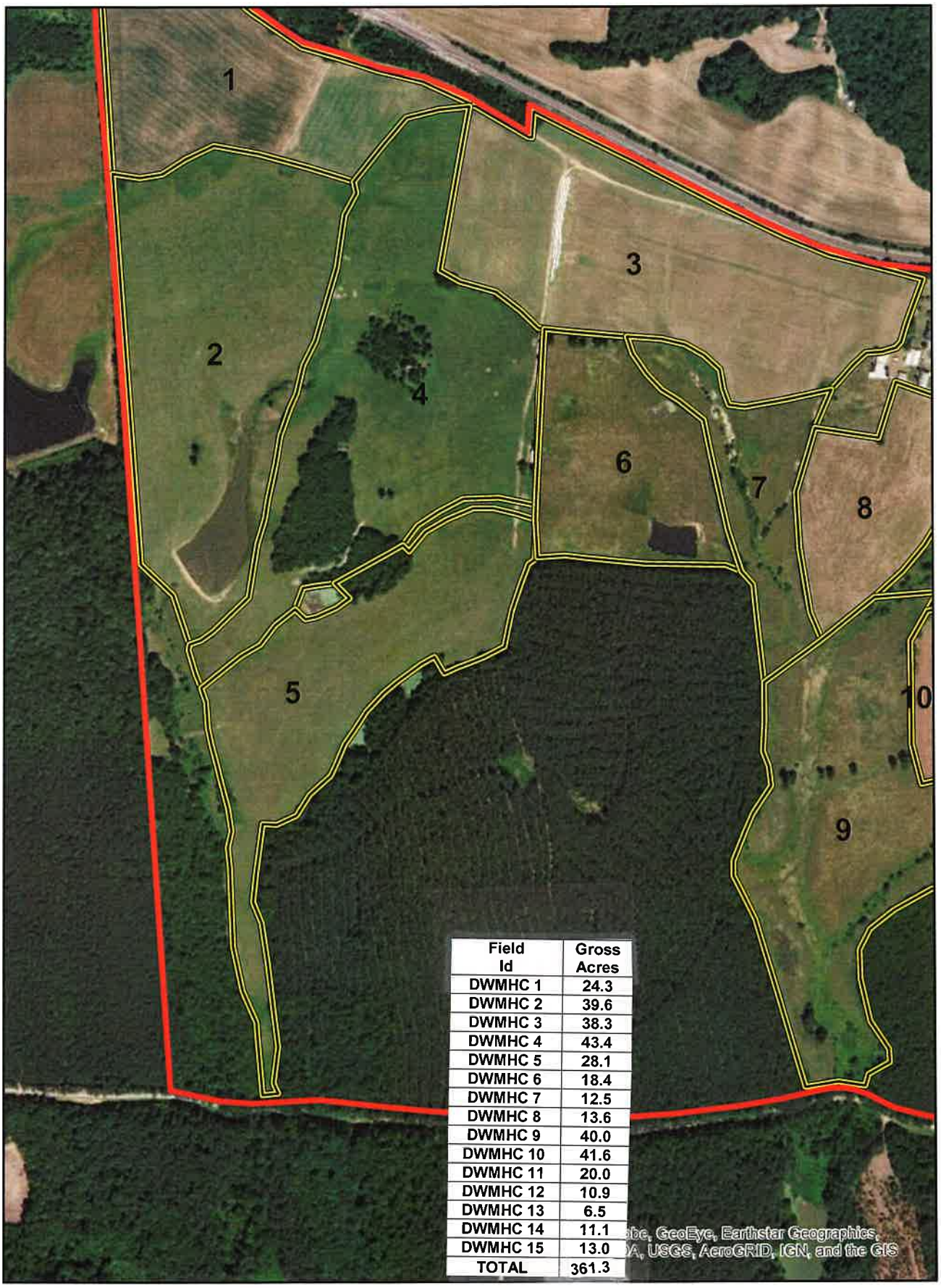
12-2-19

Aerial Map

1 in = 660 feet

Recyc Systems Inc.

M. H. Coburn DWMHC



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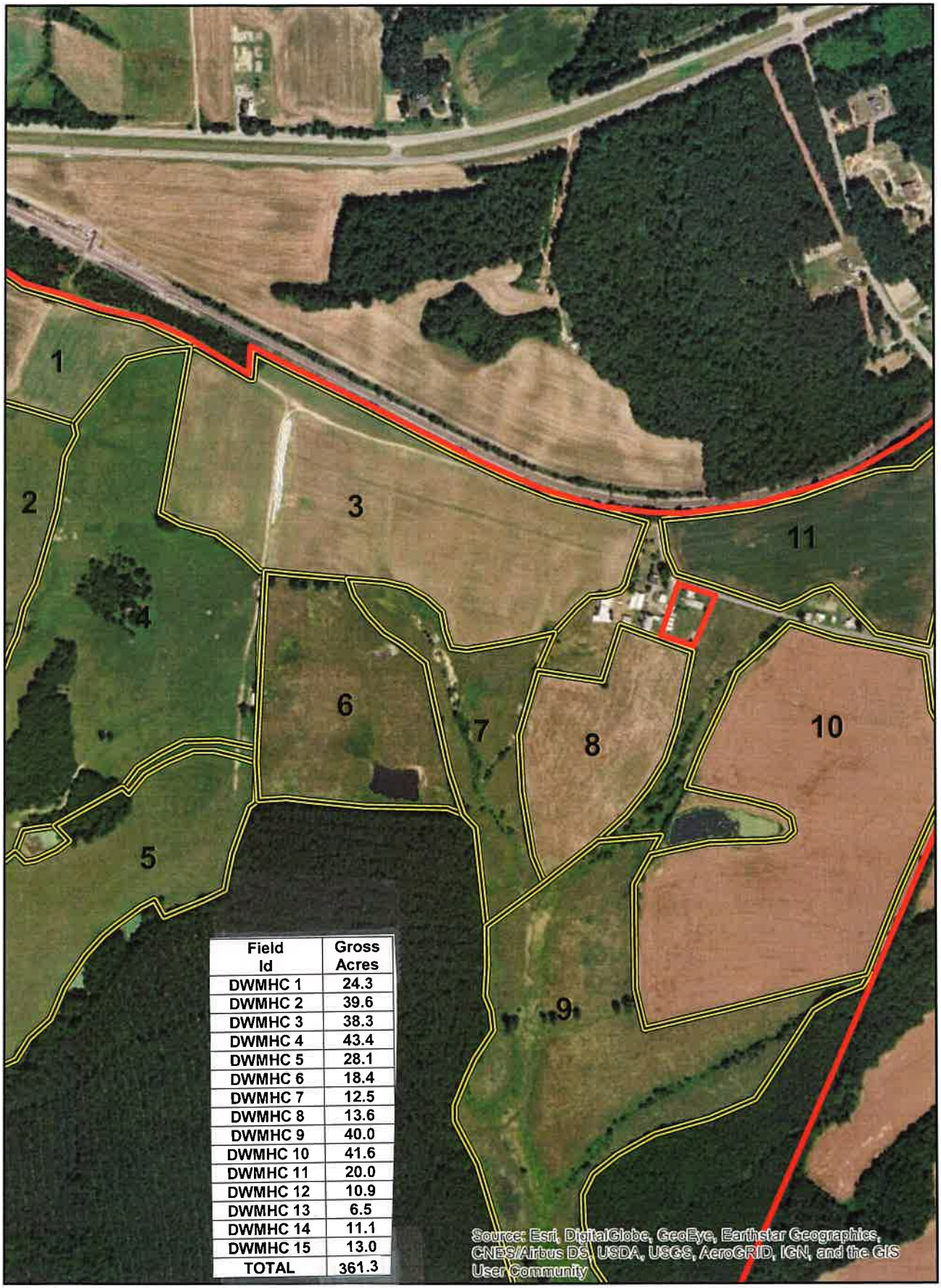

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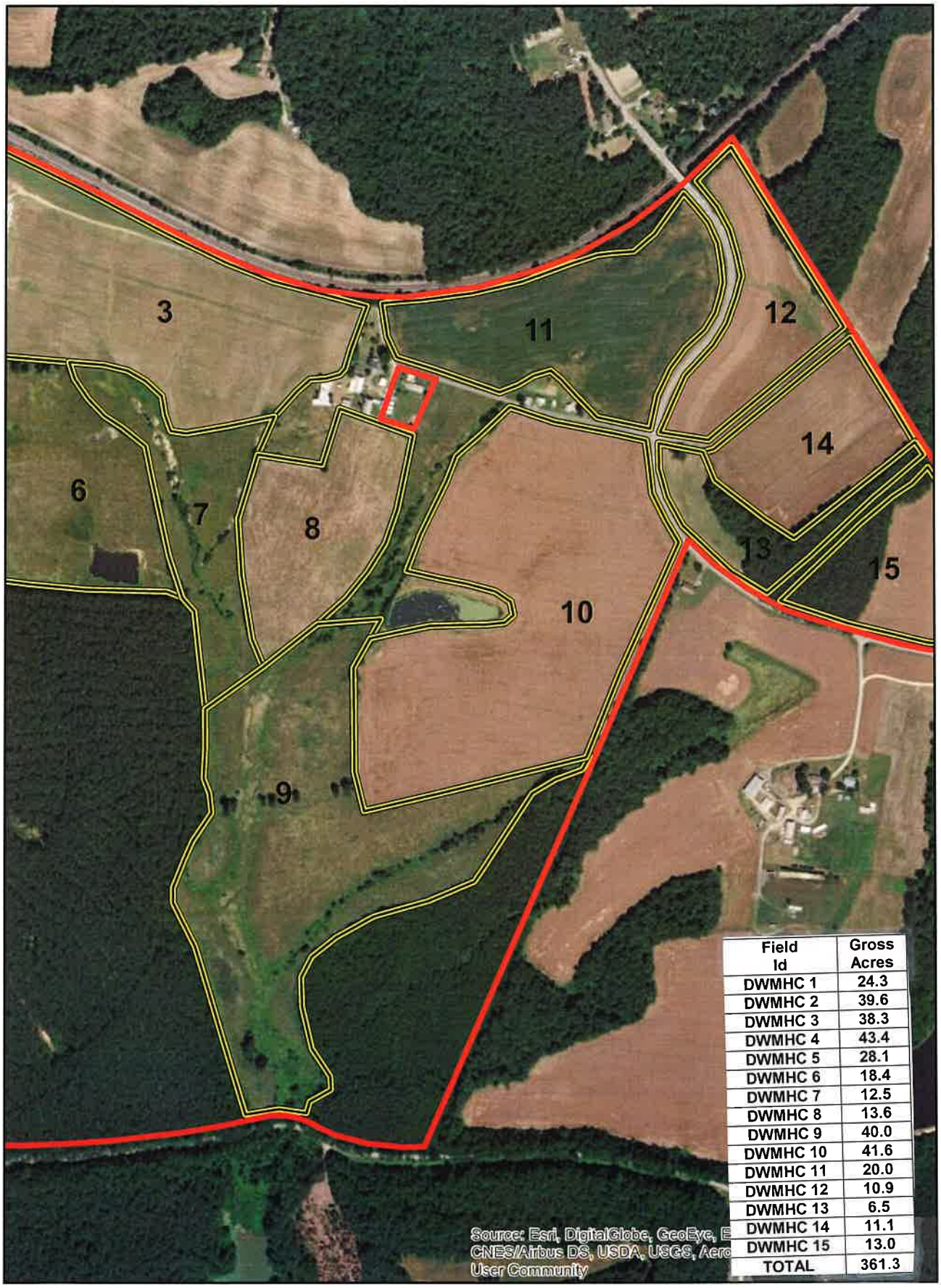

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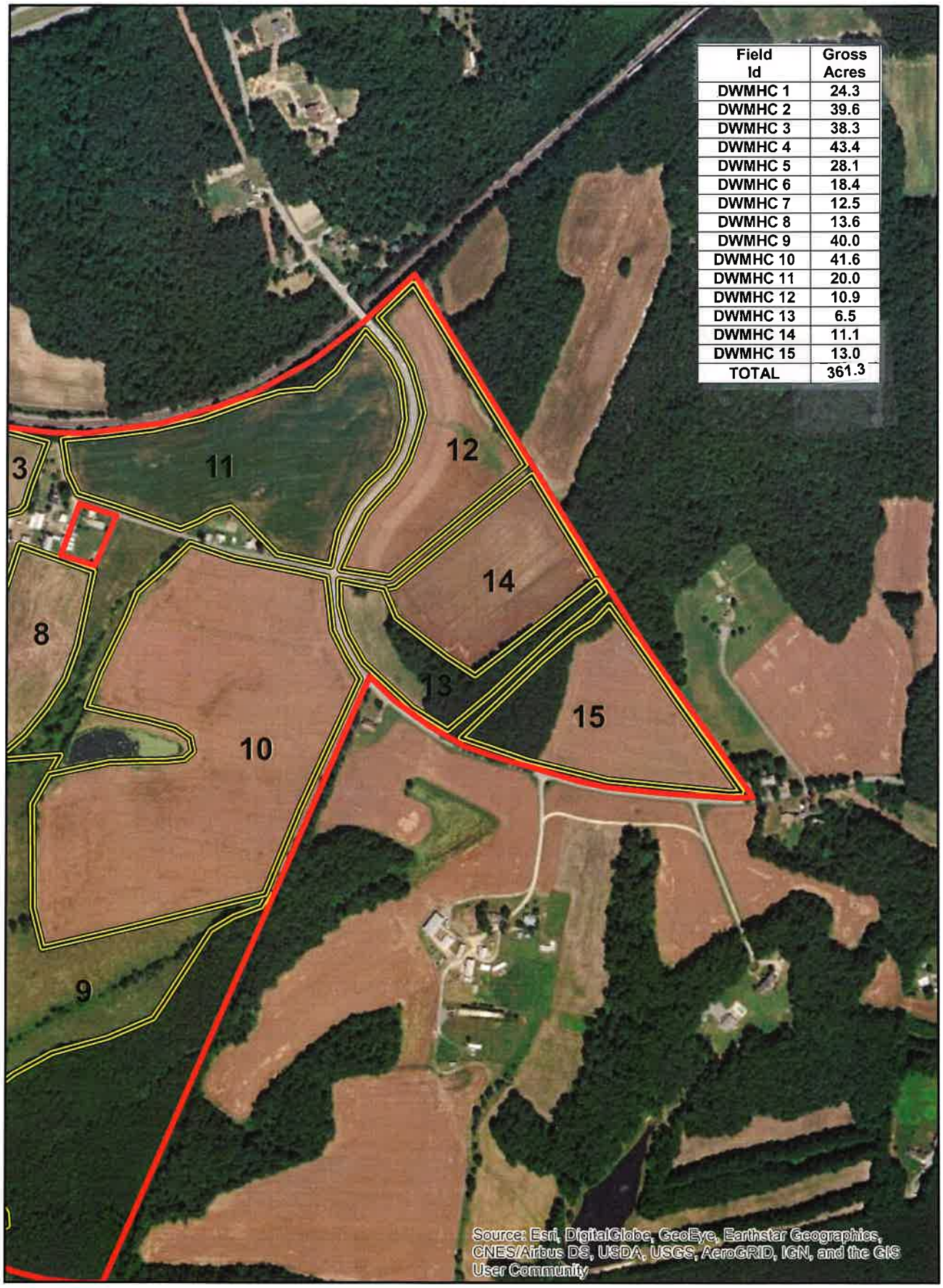

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TOTAL	361.3

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Aerial Map

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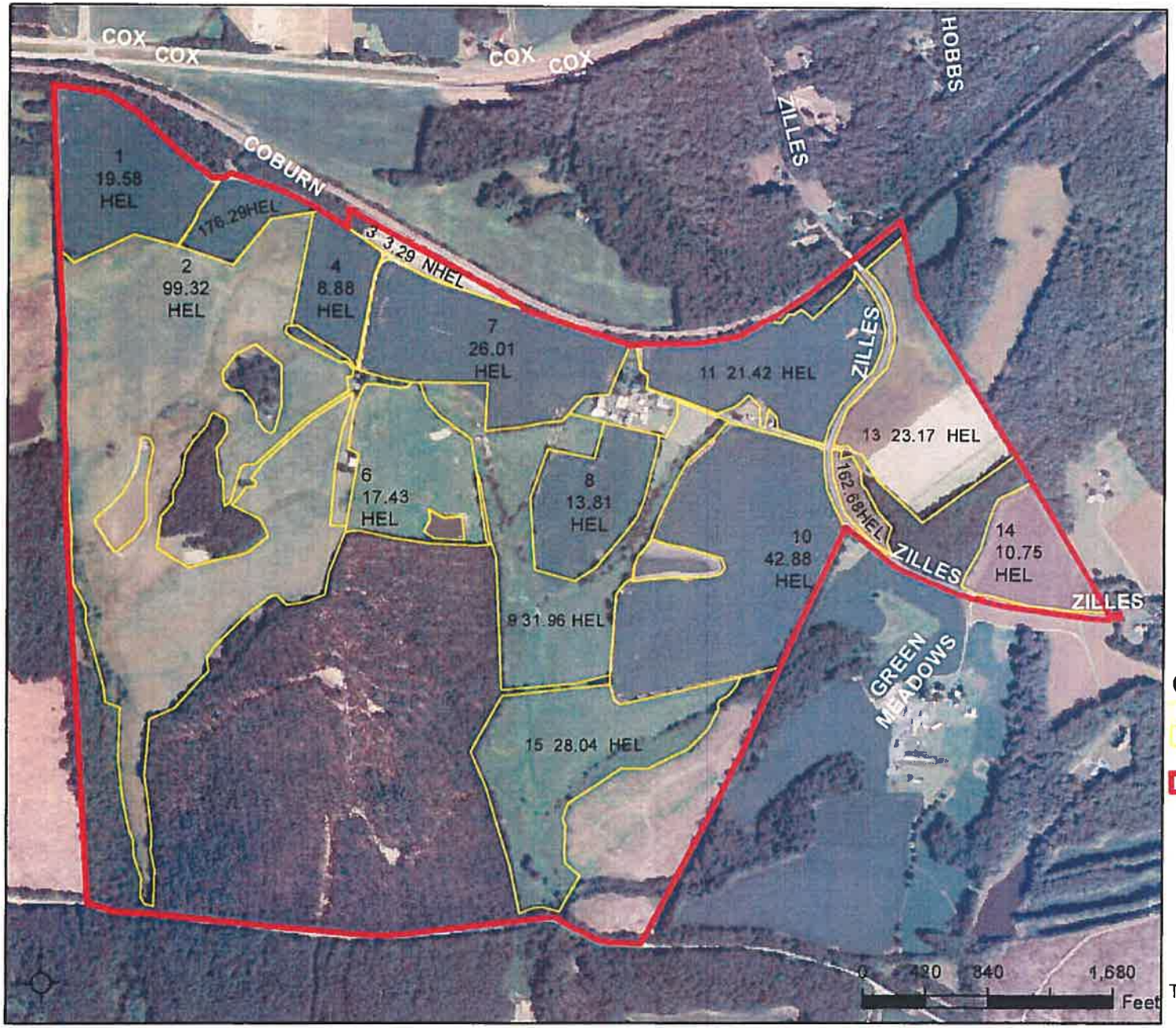
USDA United States Department of Agriculture

Dinwiddie County, Virginia

Tract 5936

Farm 3895



2019 Program Year

Map Created June 20, 2019

Common Land Unit

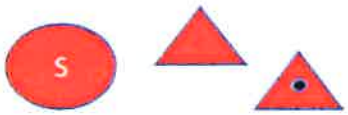
- Non-Cropland
- Cropland
- rcl_l_va053
- Tract Boundary

Wetland Determination Identifiers

- Restricted Use
- Limited
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 355.51 acres

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.

Recyc Systems Inc.

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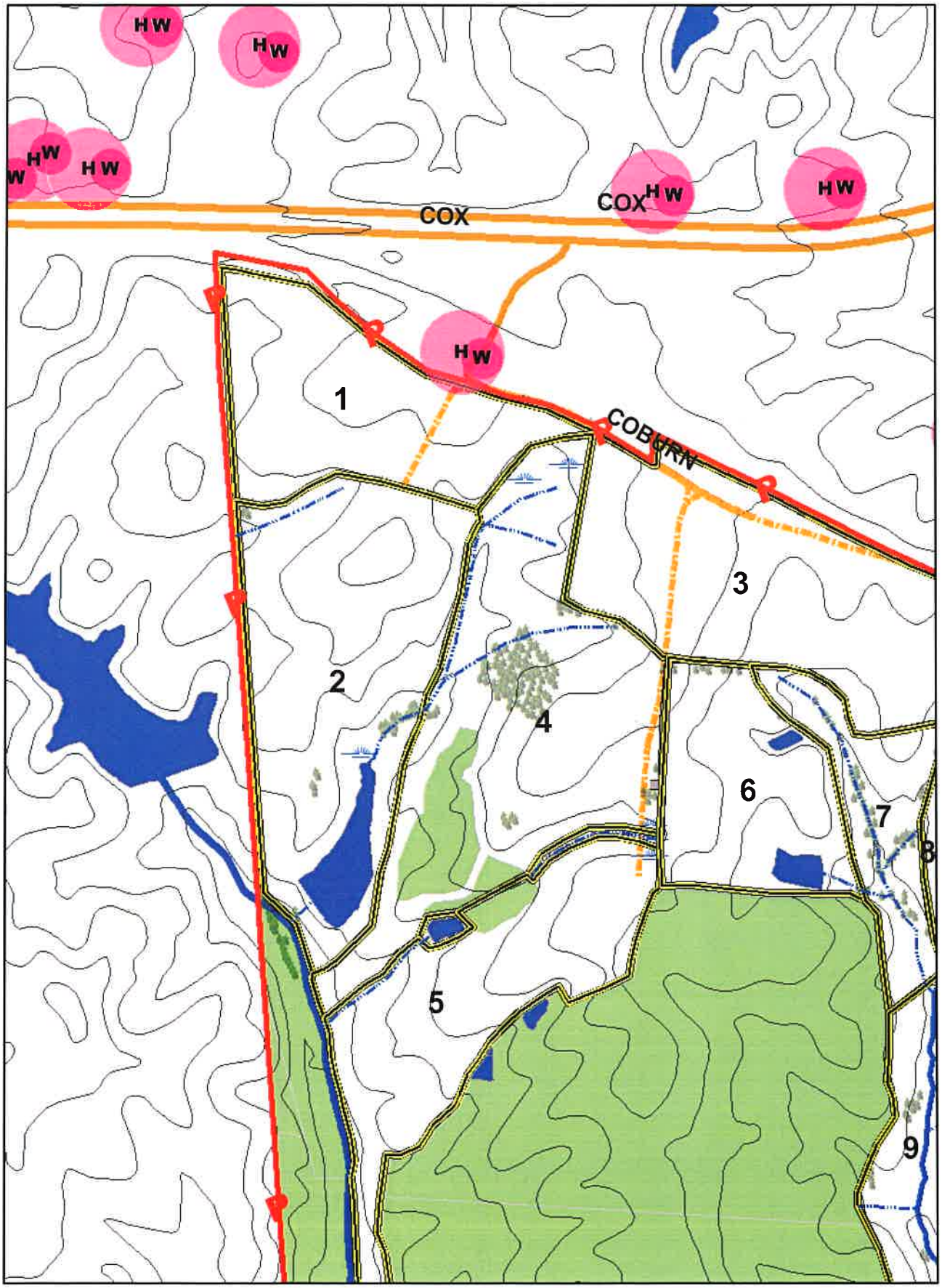

N

12-2-19

Site Map

1 in = 660 feet

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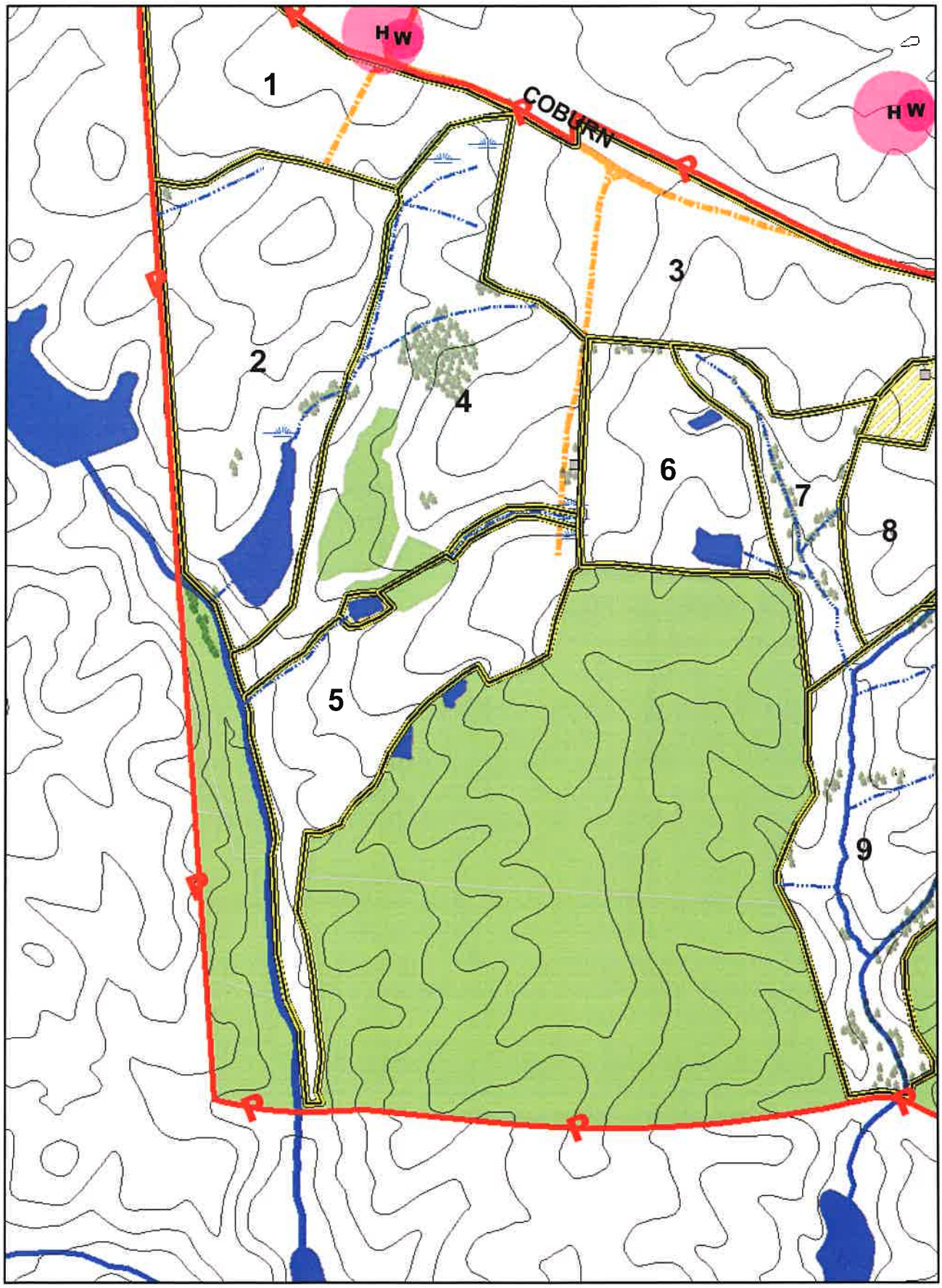

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Site Map

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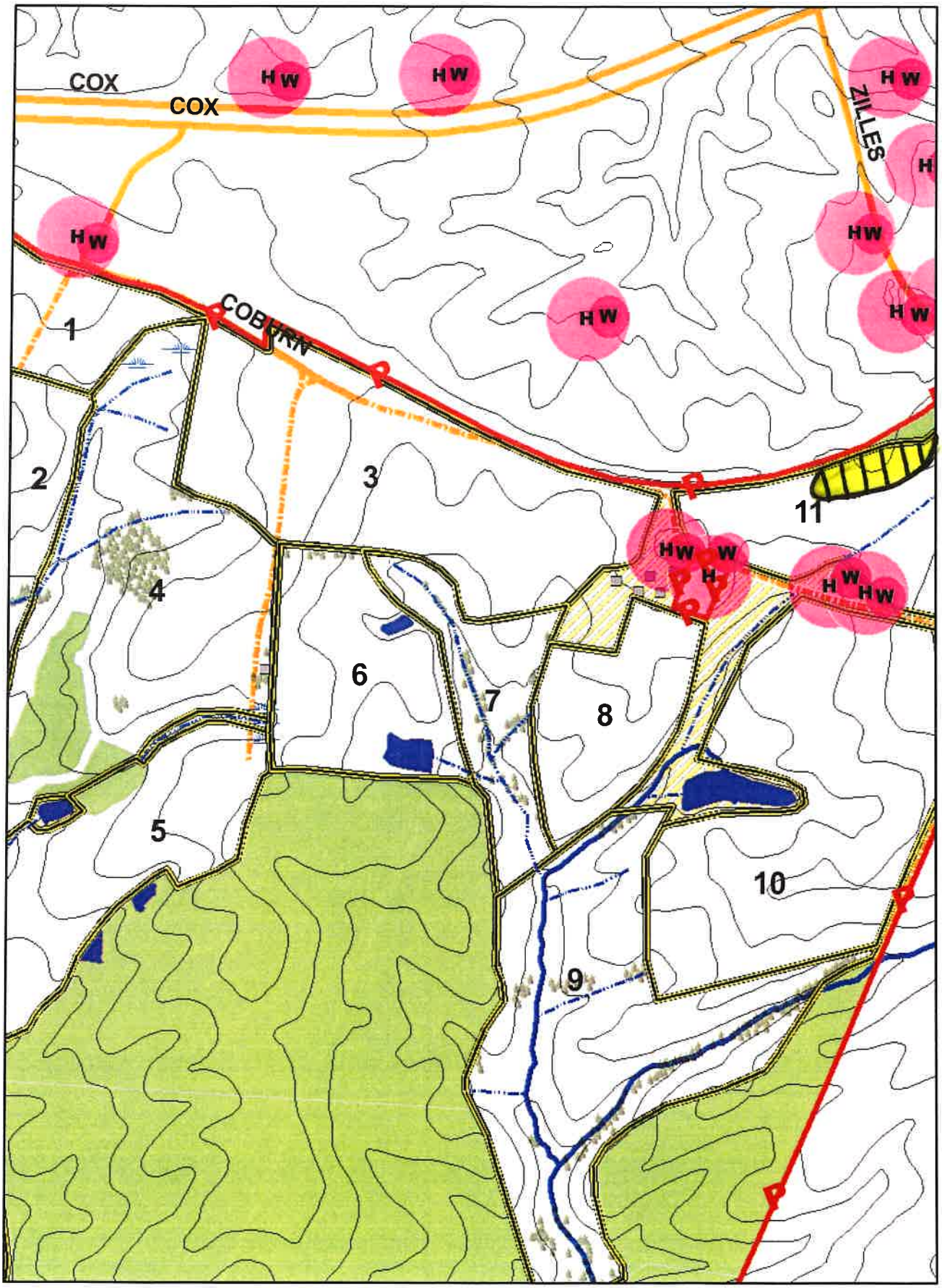

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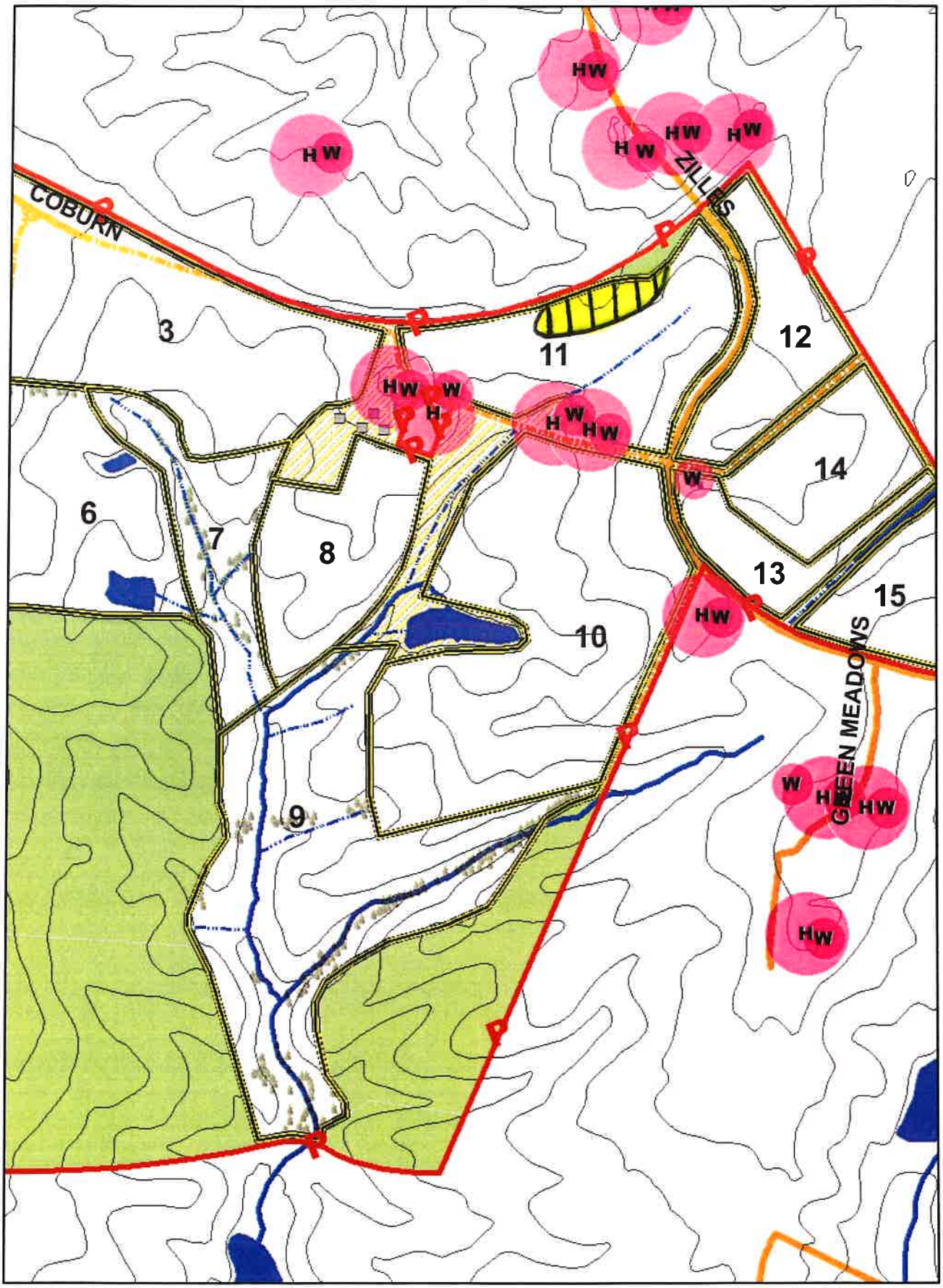

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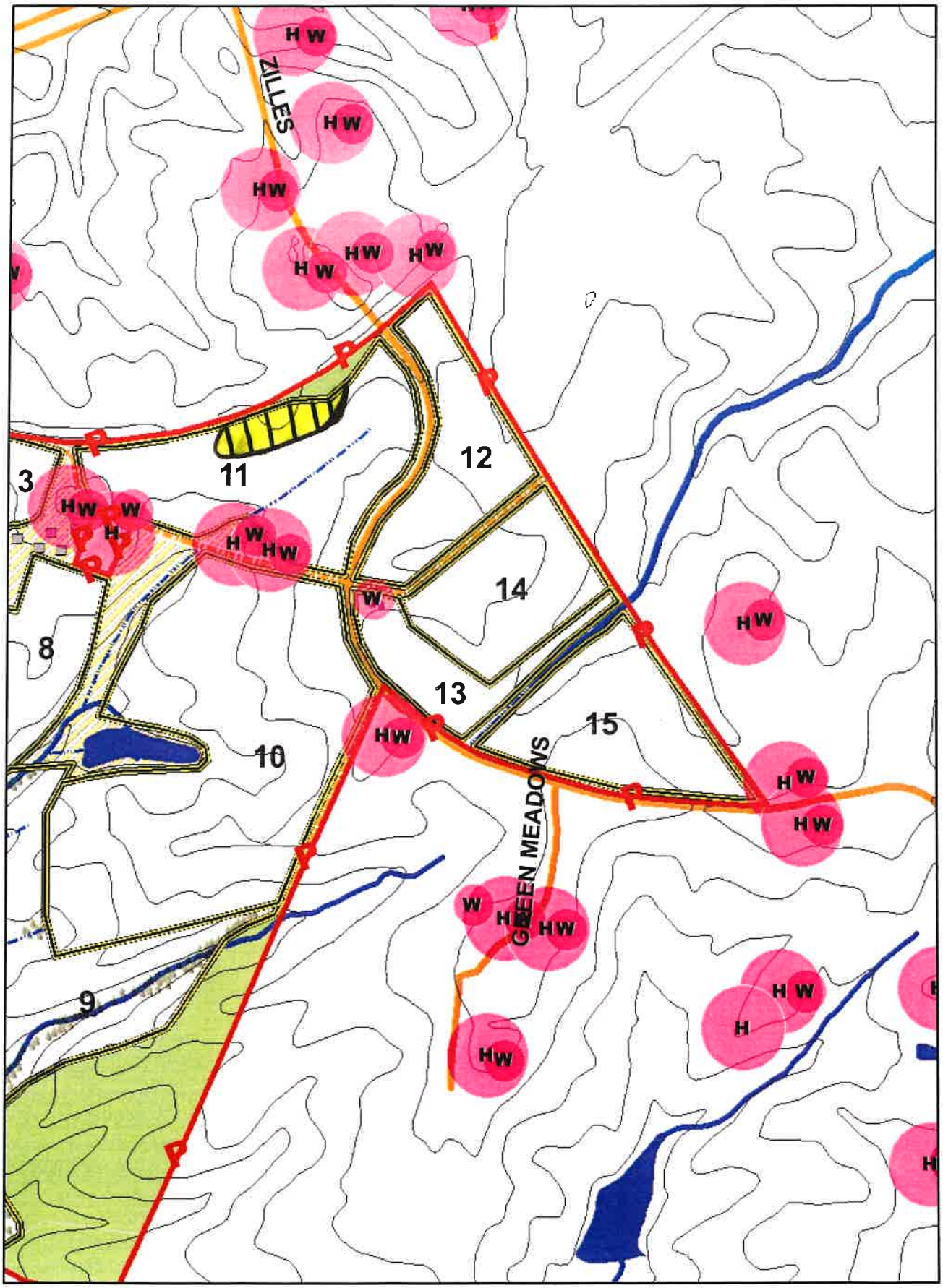

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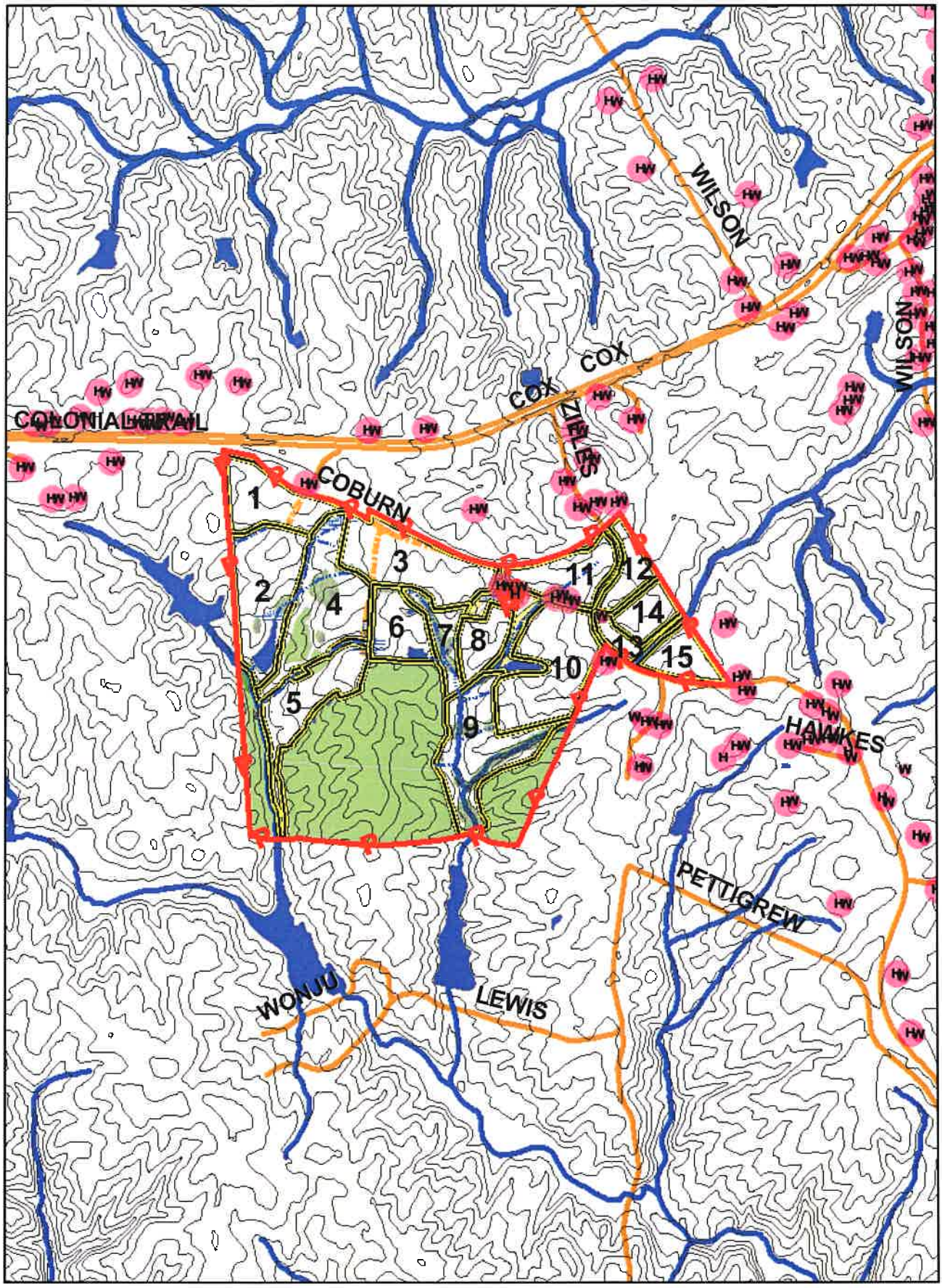

N

12-2-19

Topographic Map

1 in = 2,000 feet