



**LAND APPLICATION SITE**

**WOODFORD BROADDUS**

**CRWBB 2-23**

**CAROLINE COUNTY**



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

Permittee: Recyc Systems, Inc

County or City: Caroline Co.

Landowner: Jean D. Broaddus

**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).

Jean D. Broaddus  
Landowner's Signature

4-4-17  
Date

J. C. B. [Signature]  
Farm Operator Signature

Mailing Address & Phone Number

**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 4-12-17 between Lynwood Broadbus referred to here as "Landowner", and Recyc Systems, Inc, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

**Landowner:**

The Landowner is the owner of record of the real property located in Caroline Co., Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>
<u>TM 88 Parcel 42</u>			
<u>TM 88 Parcel 56</u>			
<u>TM 88 Parcel 61</u>			

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

Check one:

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

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

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

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

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

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

Lynwood Broadbus      25015 Mattapani Trail  
 Landowner - Printed Name, Title      Signature      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)

Stumbo      [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: Caroline Co.

Landowner: Lynwood Braddus

**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).

Lynwood Braddus  
Landowner's Signature

4-12-17  
Date

Farm Operator Signature

Mailing Address & Phone Number

**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 4-12-17 between John C. Broadus referred to here as "Landowner", and Recyc Systems, Inc, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

**Landowner:**

The Landowner is the owner of record of the real property located in Caroline Co, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
<u>TM 88 Parcel 61</u>			

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

Check one:

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

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

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

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

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

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

John C. Broadus    John C. Broadus    25038 Matagosa Trail  
 Landowner - Printed Name, Title    Signature    Mailing Address & Phone Number  
Milford, Va. 22514

**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)

Stuebe    Stuebe    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  
Landowner: John C. Broadus

County or City: Caroline 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 C. Broadus 4/12/17  
Landowner's Signature Date

John C. Broadus 4/12/17  
Farm Operator Signature Mailing Address & Phone Number

**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 4/28/17 between Rebecca Broadus referred to here as "Landowner", and Recyc Systems, Inc, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

**Landowner:**

The Landowner is the owner of record of the real property located in Caroline, 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
	38-A-36		

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

Check one:

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

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

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

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

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

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

Rebecca B. Broadus                      Rebecca B. Broadus  
 Landowner - Printed Name, Title                      Signature                      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)

Strumbo                                      [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: Hanover

Landowner: Rebecca B Broadus

**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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  - 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.
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  - 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).

X Rebecca B. Broadus  
Landowner's Signature

4/28/17  
Date

\_\_\_\_\_  
Farm Operator Signature

\_\_\_\_\_  
Mailing Address & Phone Number

# FARM DATA SHEET

<b>SITE NAME:</b>	Woodford B. Broaddus	<b>COUNTY:</b>	Caroline	
<b>OWNER:</b>	See List Attached	<b>OPERATOR:</b>	John and Lynwood Broaddus	
<b>OWNER'S ADDRESS:</b>	See List Attached	<b>OPERATOR'S ADDRESS:</b>	25038 Mattaponi Trail Milford, VA 22514	
<b>OWNER'S TELEPHONE:</b>	See List Attached	<b>OPERATOR'S TELEPHONE:</b>	804-633-5518	
<b>GENERAL FARM TYPE:</b>	Row Crops/Pasture/Hay	<b>CELLPHONE:</b>	804-512-9134 (John)	
<b># CATTLE:</b>	60	<b>EMAIL:</b>	-	
<b>LAGOON or SLURRY:</b>	None	<b>LATITUDE:</b>	F 2-15, 20-21	37.914
			F 16-19	37.900
			F 22-23	37.926
<b>TOPO QUAD:</b>	Sparta/ Penola	<b>LONGITUDE:</b>	F 2-15, 20-21	77.219
			F 16-19	77.267
			F 22-23	77.228
<b>COMMENTS:</b>		<b>METHOD OF DETERMINATION:</b>	Online Maps	

SD 

## Woodford B. Broaddus Landowner List

<p><b>TM 88-A-46, 88-A-47, 97-A-25, 98-A-2, 98-A-3, 98-A-4, 98-A-5, 98-A-6, 98-A-7</b> Woodford B. Broaddus Estate and Jean D. Broaddus 25038 Mattaponi Trail Milford, VA 22514 804-633-5518</p>	<p><b>TM 88-A-42</b> Jean D. and Lynwood D. Broaddus 25038 Mattaponi Trail Milford, VA 22514 804-633-5518</p>
<p><b>TM 88-A-56</b> Lynwood D. and Rebecca B. Broaddus 25015 Mattaponi Trail Milford, VA 22514 804-512-4068</p>	<p><b>TM 88-A-48</b> Woodford B. and Jean D. Broaddus 25038 Mattaponi Trail Milford, VA 22514 804-633-5518</p>
<p><b>TM 88-A-61</b> John C. and Lynwood D. Broaddus 25038 Mattaponi Trail Milford, VA 22514 804-633-5518</p>	

# 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			
CRWBB 1	14.9	--	--	--	--	YO53	TM:88A P:58	T 1124
CRWBB 2	8.3	--	--	--	--	YO53	TM:88A P:46	T 1126
CRWBB 3	23.0	--	--	--	--	YO53	TM:88A P:46	T 1126
CRWBB 4	7.6	--	--	--	--	YO53	TM:88A P:46	T 1126
CRWBB 5	13.5	--	--	--	--	YO53	TM:98A P:3	T 1126
CRWBB 6	15.6	--	--	--	--	YO53	TM:88A P:47,48	T 1124
CRWBB 7	47.4	--	--	--	--	YO50	TM:88A P:47,48	T 1124
CRWBB 8	12.4	--	--	--	--	YO53	TM:98A P:6	T 1124
CRWBB 9	36.8	--	--	--	--	YO50	TM:98A P:6	T 1124
CRWBB 10	45.4	--	--	--	--	YO50	TM:98A P:6,7	T 1124

CRWBB 11	5.3	--	--	--	--	YO50	TM:98A P:6.7	T 1124
CRWBB 12	26.1	--	--	--	--	YO50	TM:98A P:4	T 1124
CRWBB 13	10.2	1A, 1B	--	--	--	YO50	TM:98A P:4	T 1124
CRWBB 14	17.2	--	--	--	--	YO50	TM:98A P:5	T 1124
CRWBB 15	10.3	--	--	--	--	YO50	TM:98A P:6	T 1124
CRWBB 16	34.0	1B	--	--	--	YO50	TM:97A P:25	T 1103
CRWBB 17	9.5	1B	--	5B	--	YO50	TM:97A P:25	T 1103
CRWBB 18	48.8	1B	--	5B	--	YO50	TM:97A P:25	T 1103
CRWBB 19	12.8	1A, 1B	--	--	--	YO50	TM:97A P:25	T 1103
CRWBB 20	2.9	--	--	--	--	YO53	TM:88A P:56	T 1124
CRWBB 21	15.9	--	--	--	--	YO53	TM:88A P:56	T 1124
Total Acres In Site	417.9							

# Recyc Systems, Inc

## Woodford B. Broaddus Site

County	Owner	Operator	FSA Tract No.	Recyc Field No.	Gross Acres	Date of Last Application
Caroline	Woodford B. Broaddus	John & Lynwood Broaddus	T 1124 Field 2, 3	CRWBB 1	14.9	12/06
			T 1126 Field 1, 2, 4	CRWBB 2	8.3	01/06
			T 1126 Field 4, 6	CRWBB 3	23.0	01/06
			T 1126 Field 3	CRWBB 4	7.6	01/08
			T 1126 Field 5	CRWBB 5	13.5	01/08
			T 1124 Field 8, 10	CRWBB 6	15.6	--
			T 1124 Field 9	CRWBB 7	47.4	01/08
			T 1124 Field 11, 14	CRWBB 8	12.4	--
			T 1124 Field 12, 13	CRWBB 9	36.8	01/06
			T 1124 Field 15, 17, 18	CRWBB 10	45.4	01/08
			T 1124 Field 16, 25	CRWBB 11	5.3	--
			T 1124 Field 20, 21	CRWBB 12	26.1	12/05
			T 1124 Field 22	CRWBB 13	10.2	12/05
			T 1124 Field 23	CRWBB 14	17.2	01/08
			T 1124 Field 24	CRWBB 15	10.3	12/06
			T 1103 Field 1, 2	CRWBB 16	34.0	01/08
			T 1103 Field 4, 5, 6	CRWBB 17	9.5	01/08
			T 1103 Field 3	CRWBB 18	48.8	12/05
			T 1103 Field 7, 10	CRWBB 19	12.8	01/08

	Lynwood Broaddus	John & Lynwood Broaddus	T 1124 Field 5	CRWBB 20	2.9	12/01
			T 1124 Field 4,6	CRWBB 21	15.9	01/06

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: Woodford B. Broaddus

County or City: Caroline Co.

Please Print

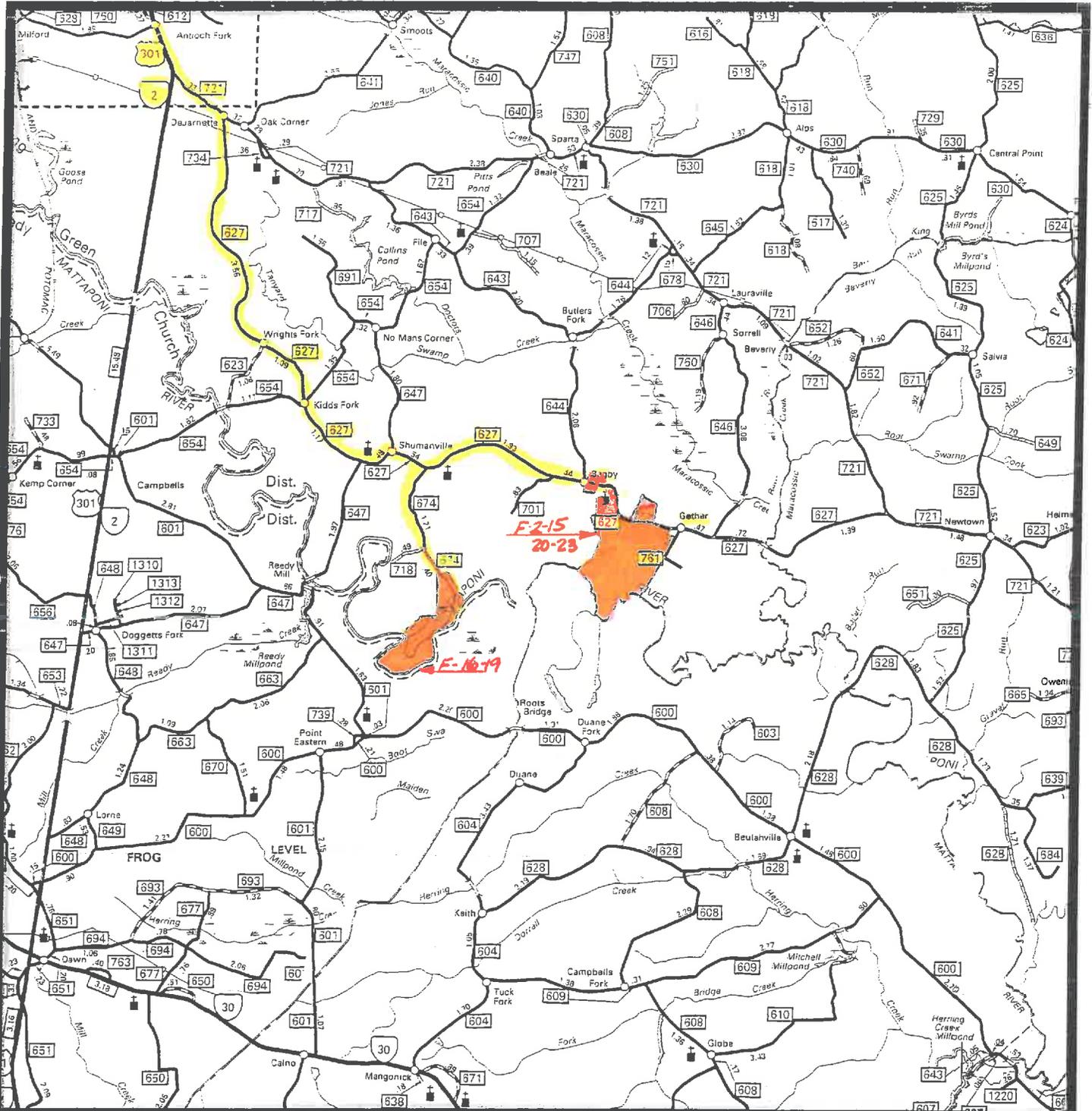
Signature not required on this page

<u>Tax Parcel ID(s)</u>	<u>Landowners (s)</u>
TM 88-A-42	Jean D. and Lynwood D. Broaddus
TM 88-A-46	Woodford B. Broaddus Estate and Jean D. Broaddus
TM 88-A-47	Woodford B. Broaddus Estate and Jean D. Broaddus
TM 88-A-48	Woodford B. and Jean D. Broaddus
TM 88-A-56	Lynwood D. and Rebecca B. Broaddus
TM 88-A-61	John C. and Lynwood D. Broaddus
TM 97-A-25	Woodford B. Broaddus Estate and Jean D. Broaddus
TM 98-A-2	Woodford B. Broaddus Estate and Jean D. Broaddus
TM 98-A-3	Woodford B. Broaddus Estate and Jean D. Broaddus
TM 98-A-4	Woodford B. Broaddus Estate and Jean D. Broaddus
TM 98-A-5	Woodford B. Broaddus Estate and Jean D. Broaddus
TM 98-A-6	Woodford B. Broaddus Estate and Jean D. Broaddus
TM 98-A-7	Woodford B. Broaddus Estate and Jean D. Broaddus

# MAPS

# Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1" = 2 miles

CRWBB 2-23

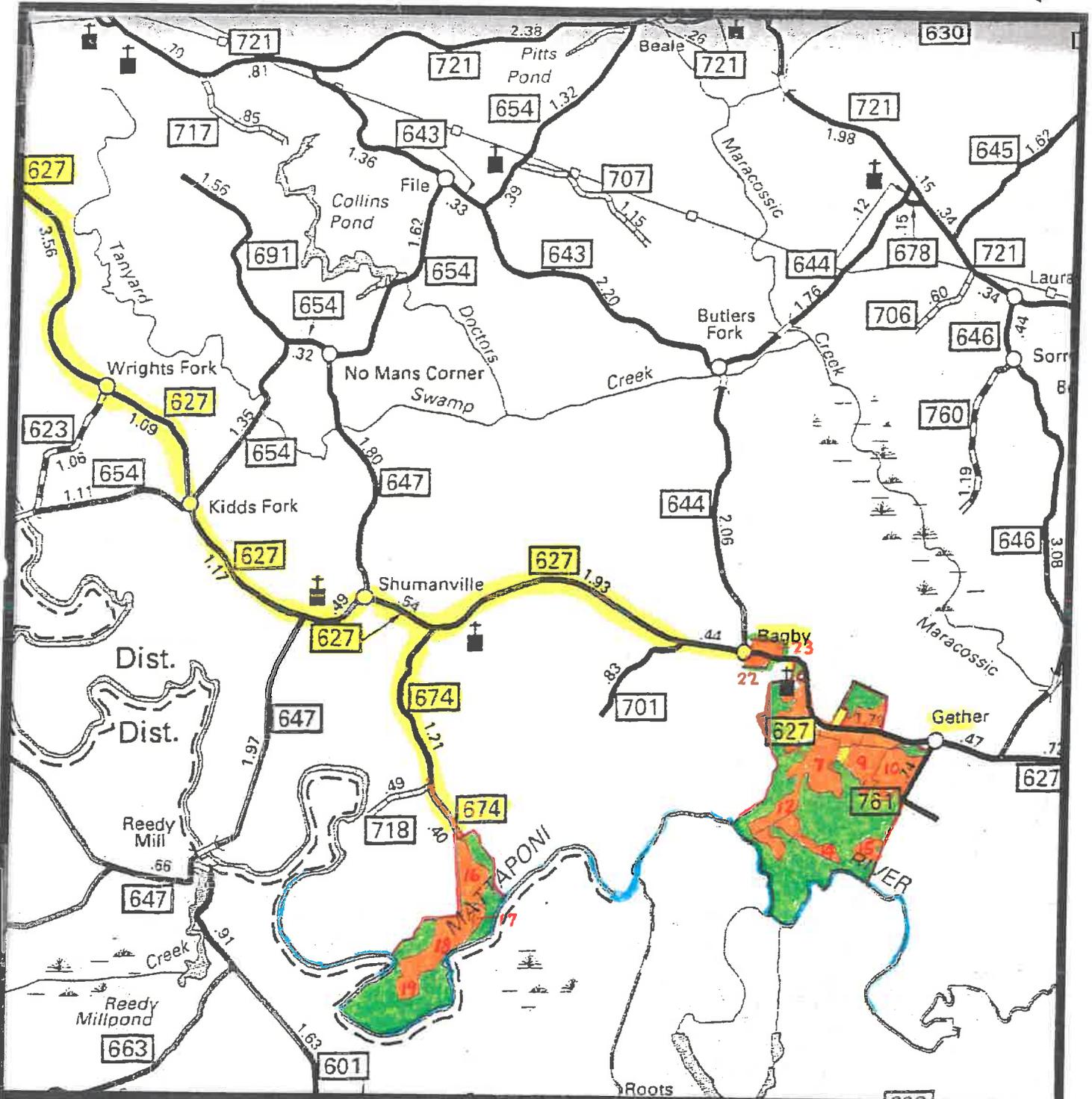
## VICINITY MAP

Truck Route marked  
in Yellow



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



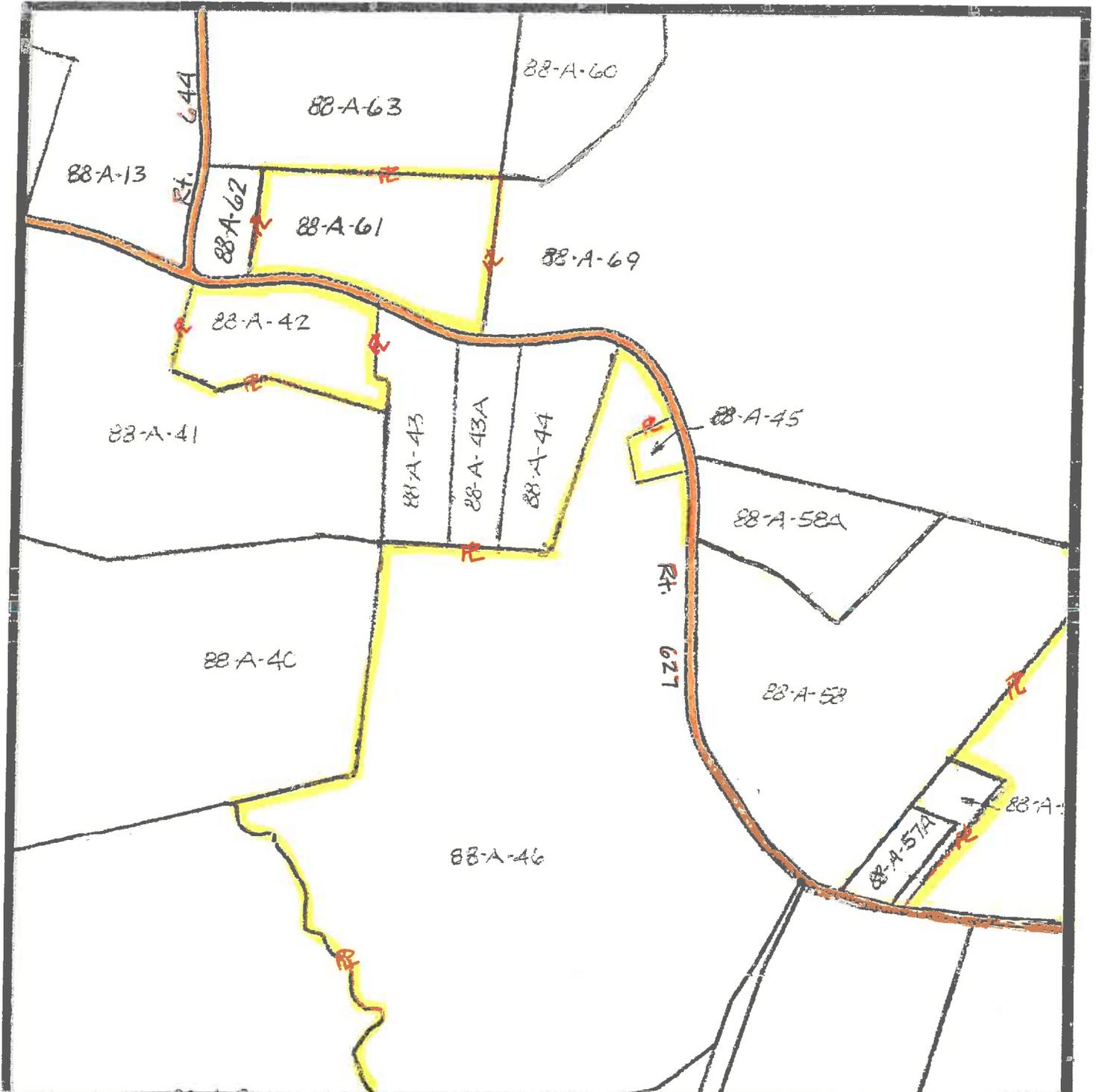
Scale: 1" = 1 mile

CRWBB 2-23

## VICINITY MAP

Truck Route marked  
in Yellow





Scale: 1" = 660'

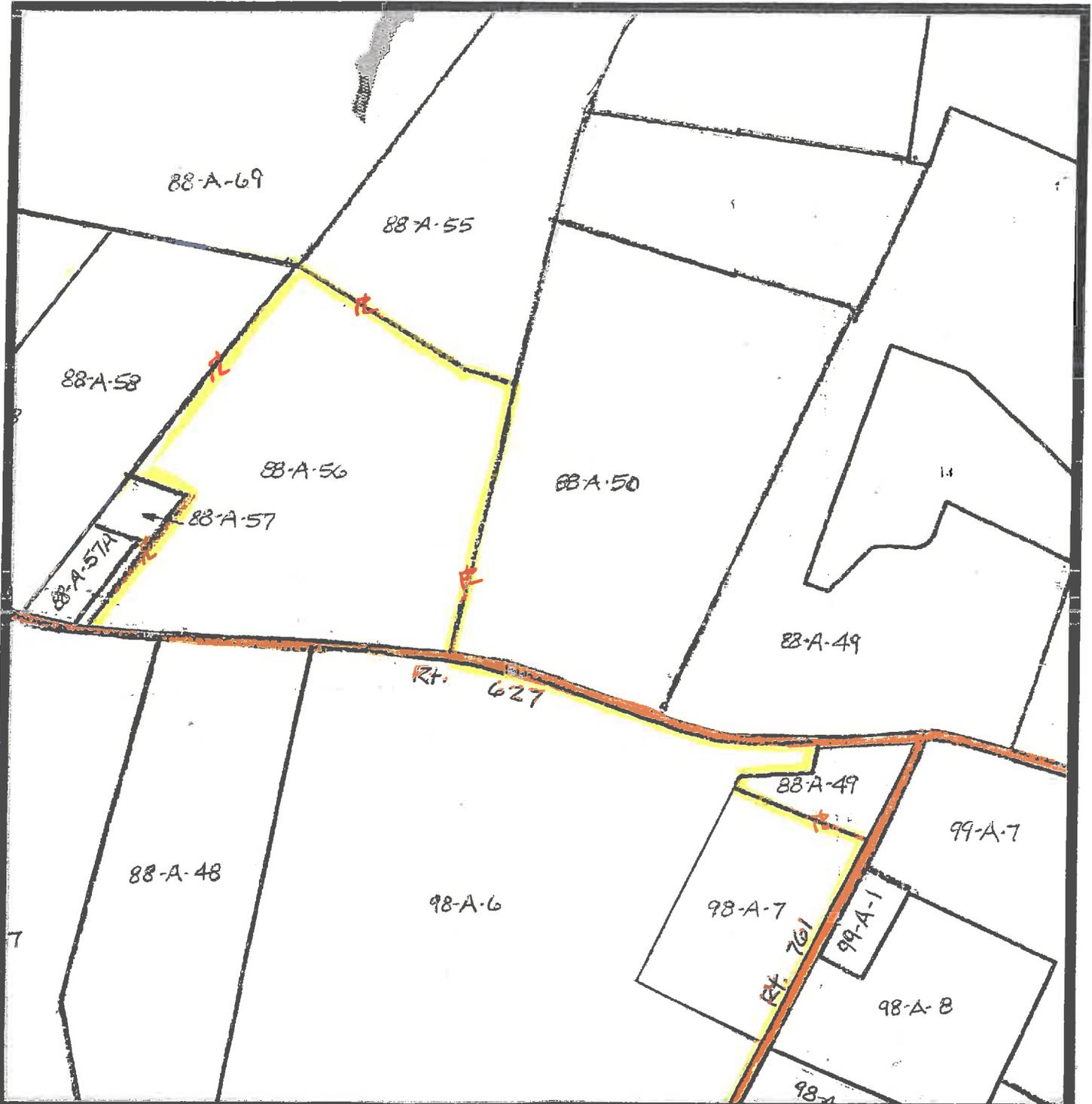
CRWBB 2-5, 22-23

TAX MAP



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



Scale: 1" = 660'

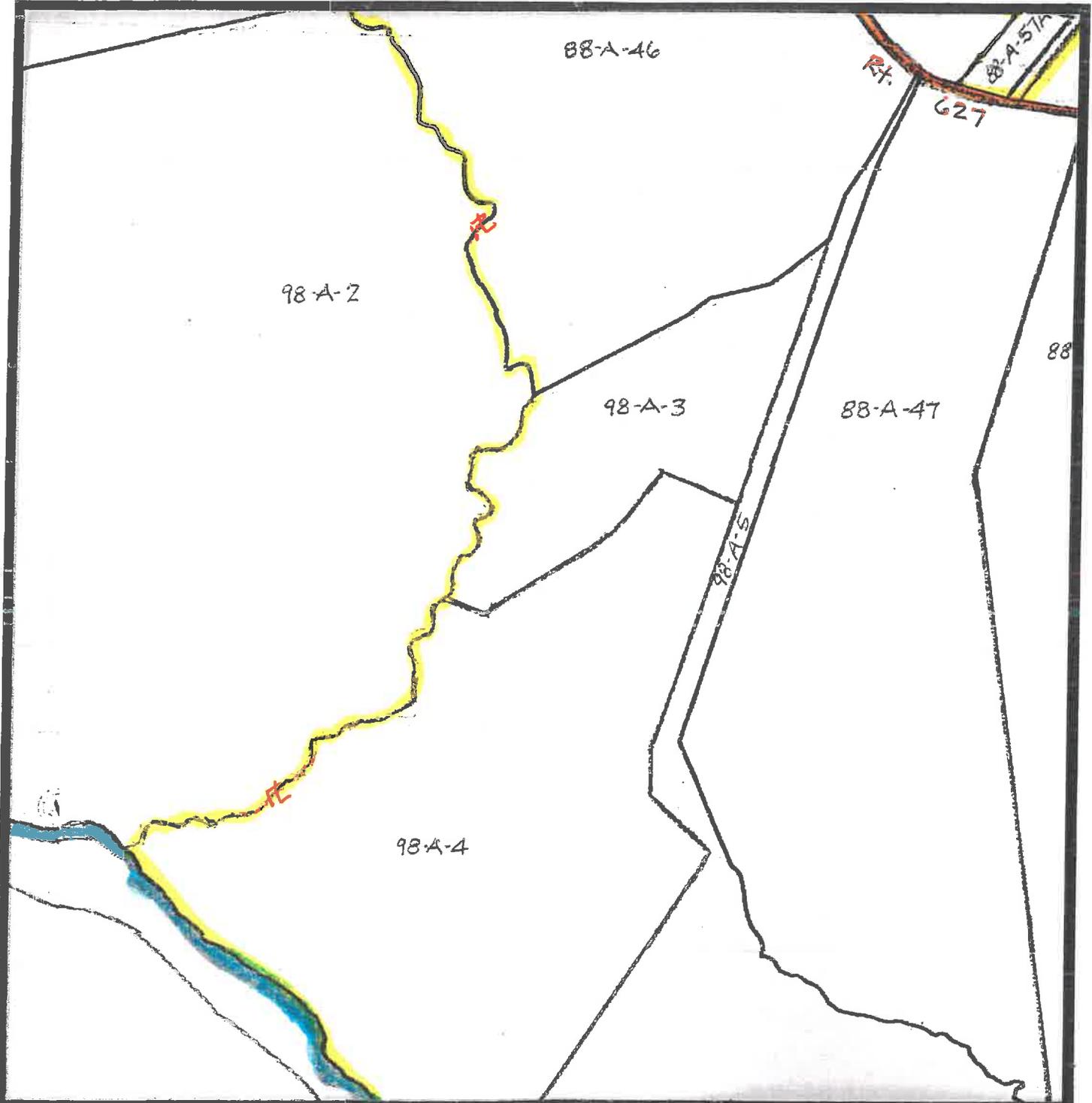
CRWBB 6, 8-10, 20, 21

TAX MAP



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)

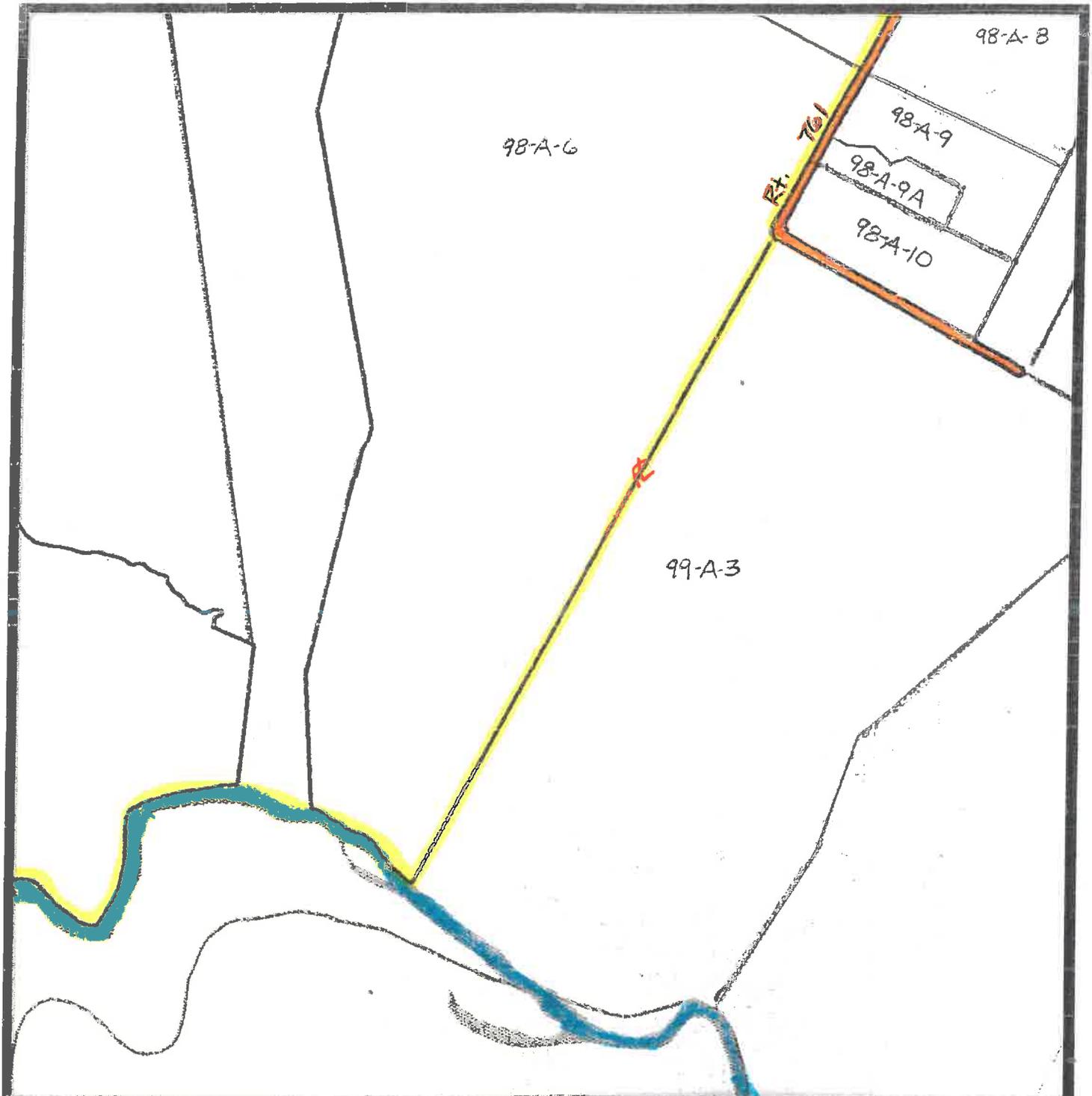


Scale: 1" = 660'

CRWBB 5,7,12,13

TAX MAP





**Scale:** 1" = 660'

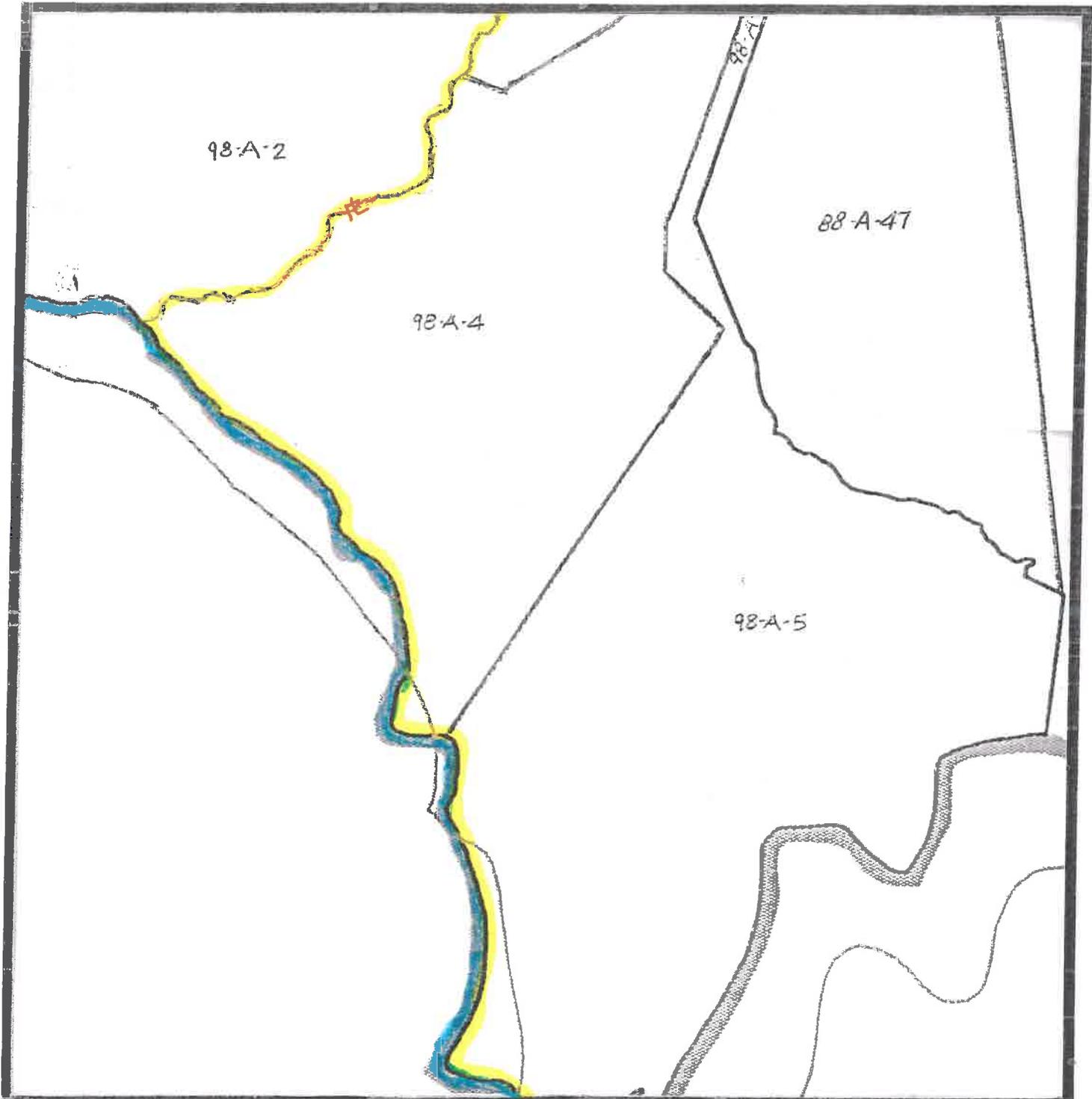
CRWBB 14,15

**TAX MAP**



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



Scale: 1" = 660'

CRWBB 12-14

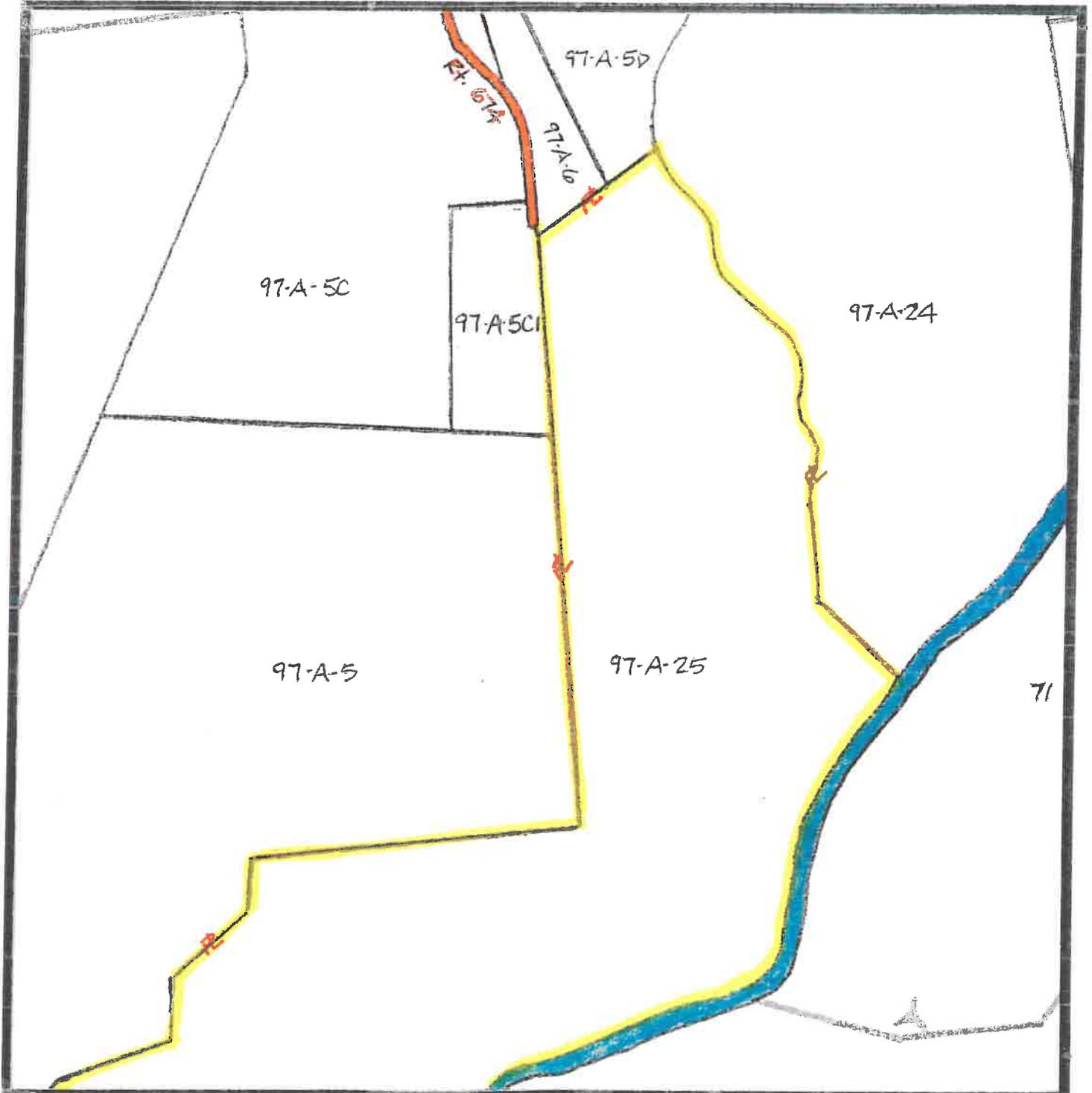
TAX MAP



# Recyc Systems™

Inc.

(Biosolids Land Application)



Scale: 1" = 660'

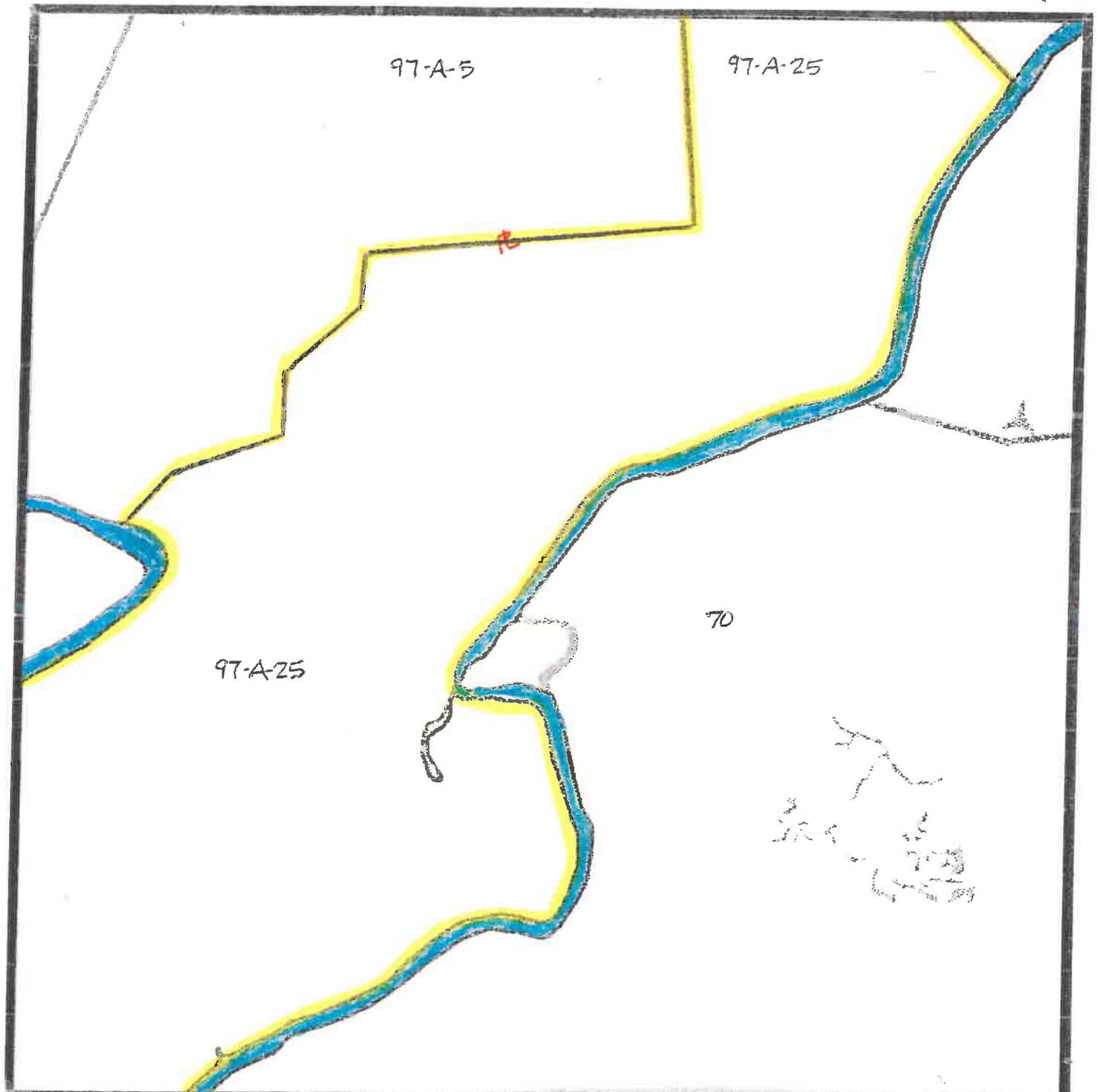
CRWBB 16,17

TAX MAP



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)

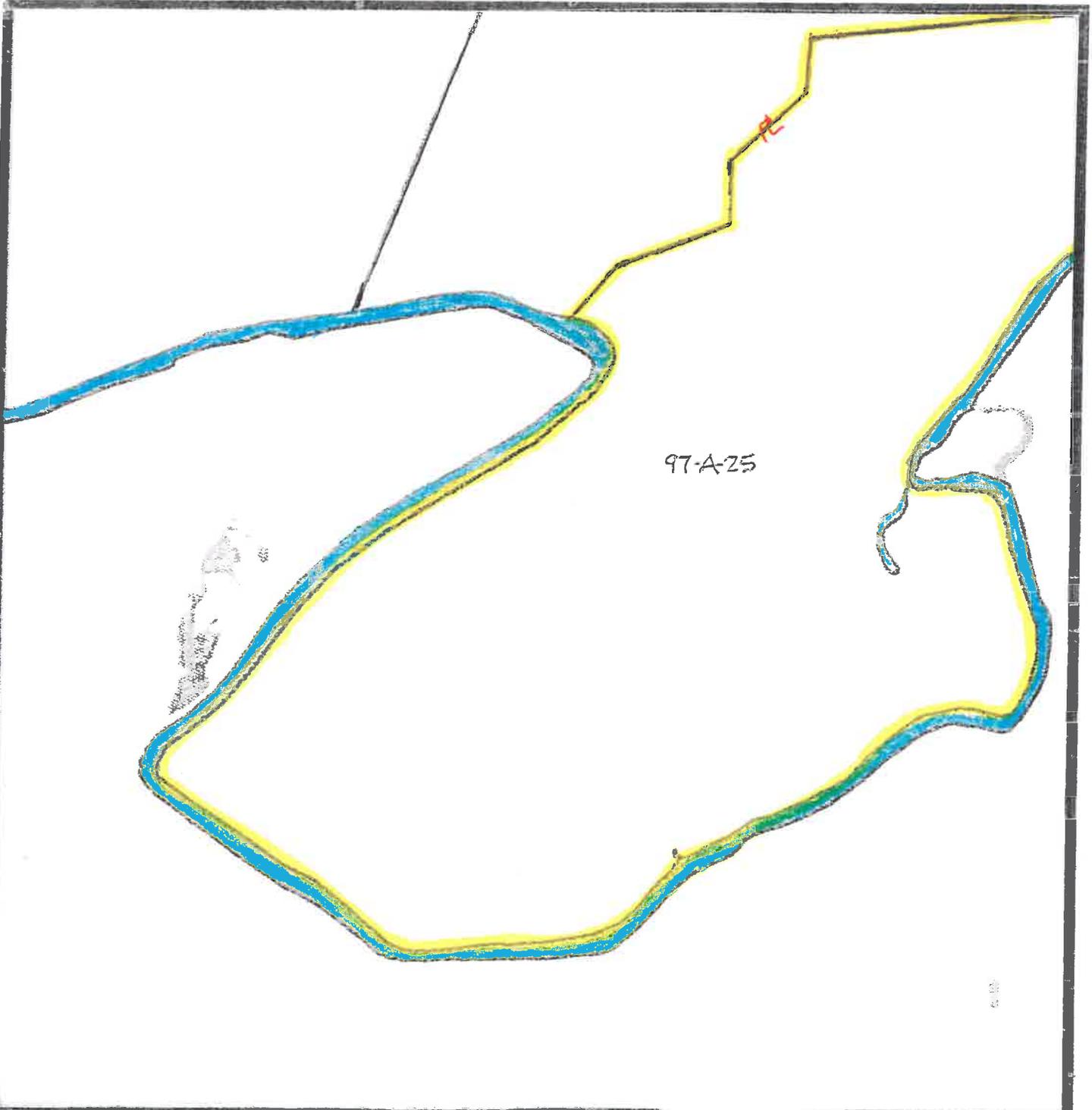


Scale: 1" = 660'

CRWBB 18,19

TAX MAP





Scale: 1" = 660'

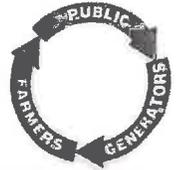
CRWBB 19

TAX MAP



# Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1" = 660'

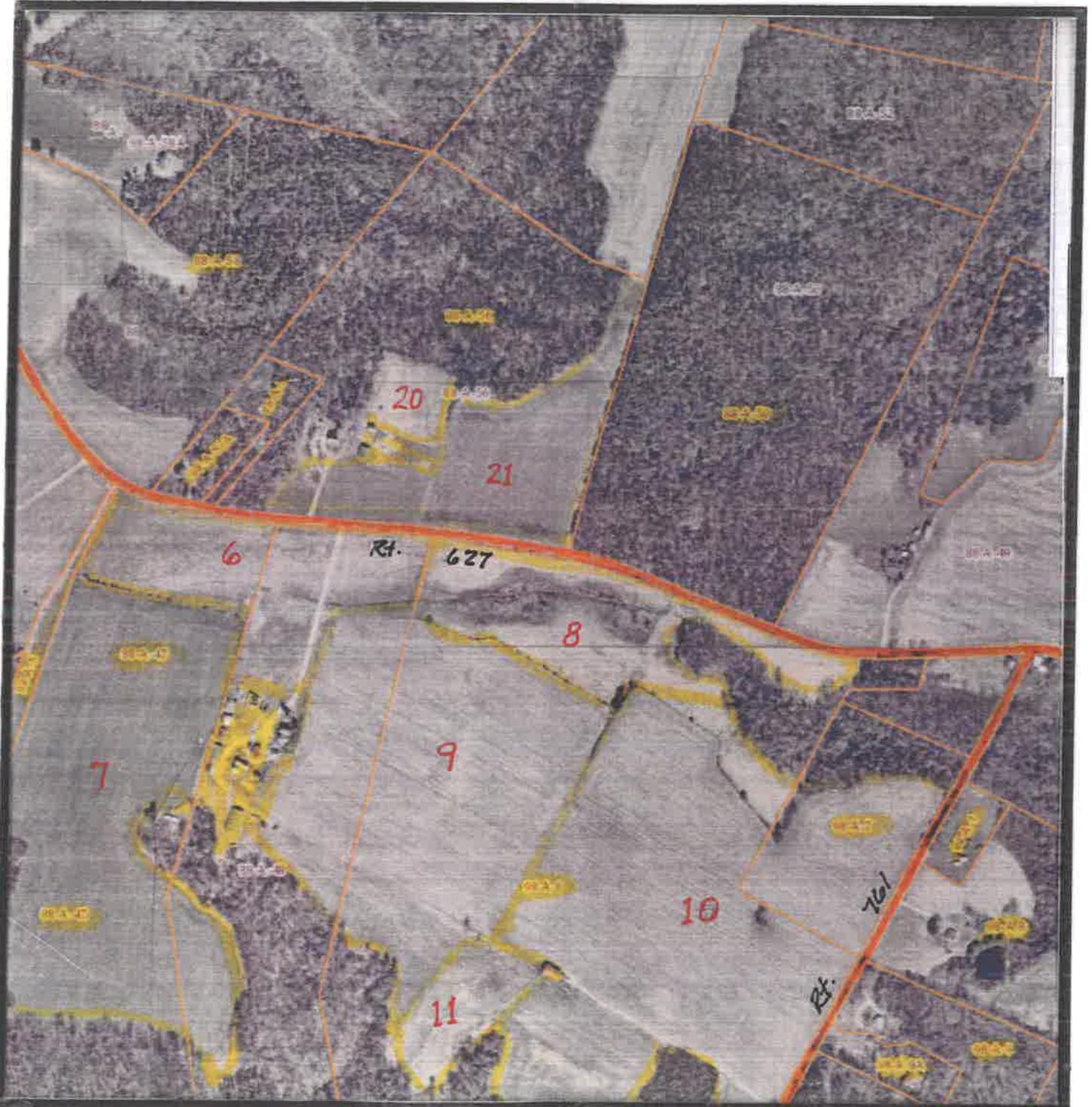
CRWBB 2-5, 22, 23

TAX MAP



# Recyc Systems™ Inc.

(Biosolids Land Application)



**Scale:** 1" = 660'

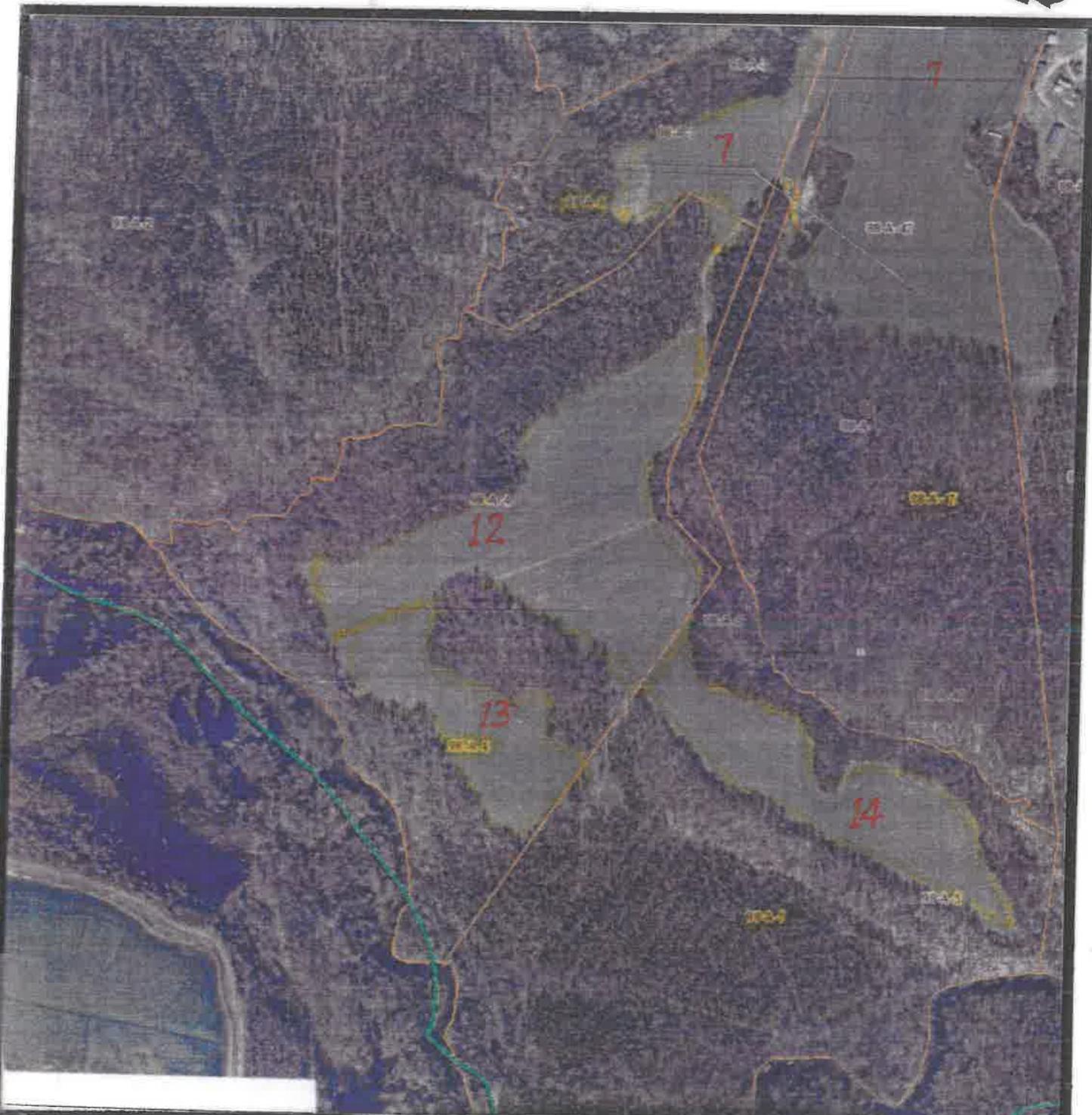
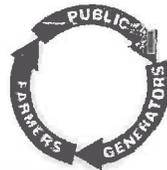
CRWBB 6-11, 20, 21

**TAX MAP**



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



**Scale:** 1" = 660'

CRWBB 7,12-14

**TAX MAP**



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



Scale: 1" = 660'

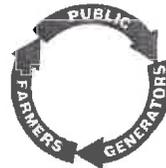
CRWBB 14,15

TAX MAP



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



Scale: 1" = 660'

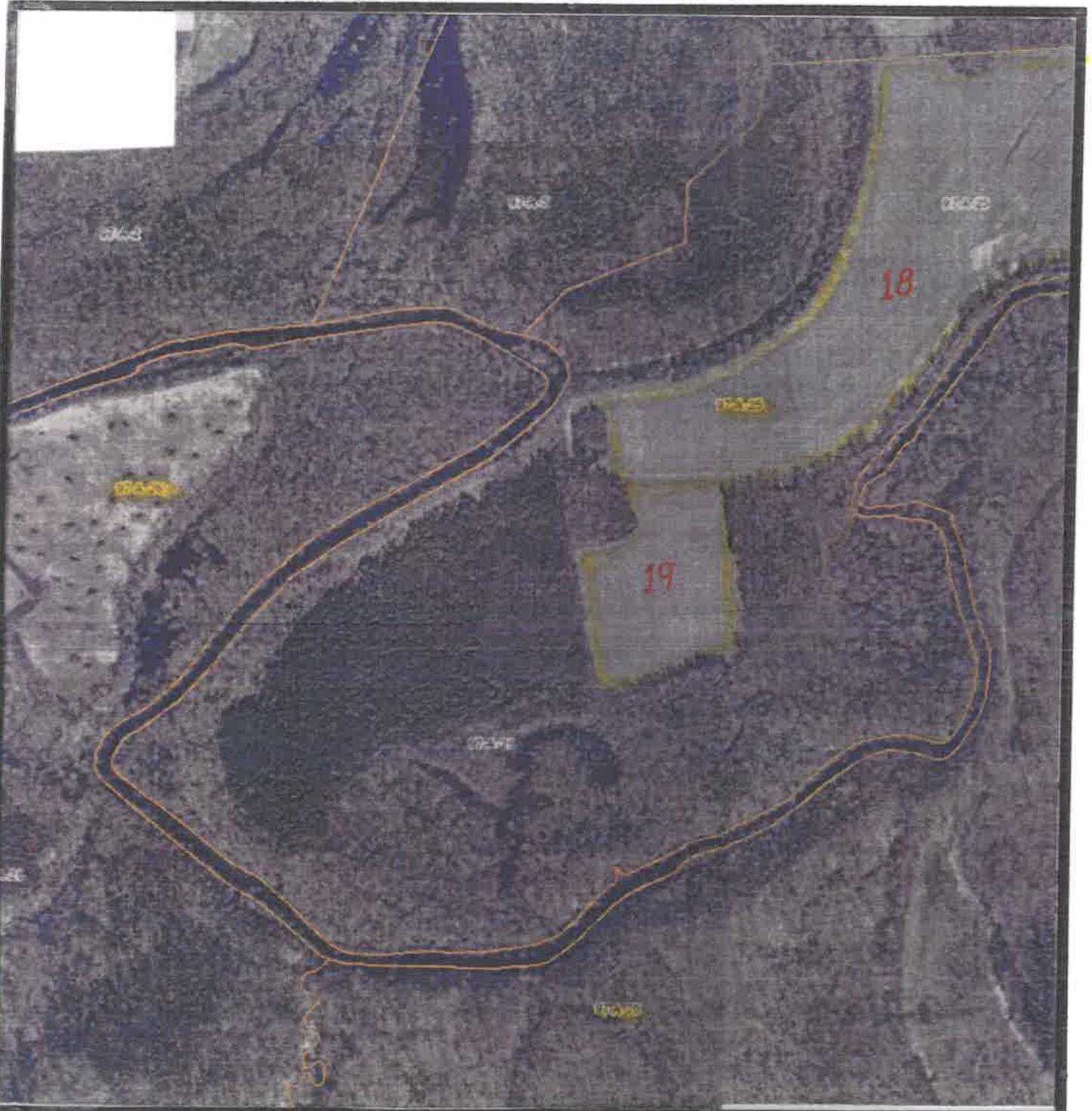
CRWBB 16-18

TAX MAP



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



**Scale:** 1" = 660'

CRWBB 18,19

**TAX MAP**



# ADJOINING LANDOWNERS

Woodford B. Broaddus

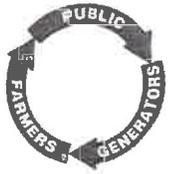
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## CAROLINE COUNTY

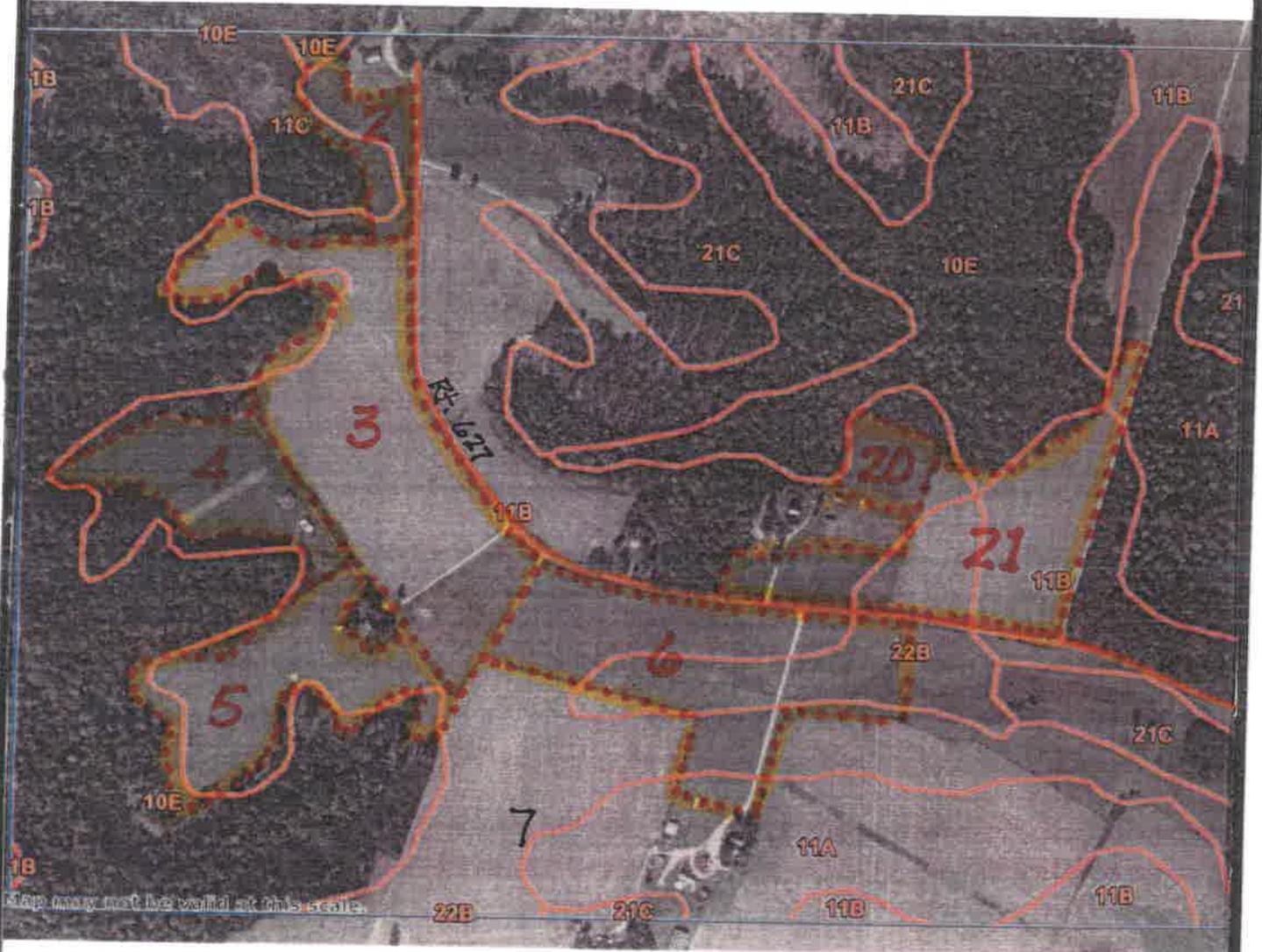
---

Tax Map	Parcel #	Owner Name(s)
88-A	40	Thomas W. and Jean G. Upshaw
	41	Thomas W. and Jean G. Upshaw
	43	Willie H. Lee, Jr. and Celestine A.
	43A	Lolan Lee
	44	Mark O. Broaddus
	45	Trustees of Shiloh United Methodist
	49	Edwin T. Upshaw III Tr.
	50	Nancy Ball Sharp Trustee
	55	Edwin T. Upshaw III and Katherine H.
	57	Lynwod D. and Rebecca B. Broaddus
	57A	Robert F. and Derreth J. Garcia
	58	Frank T. Huffman, Jr. and Susan B.
	58A	Frank T. Huffman, Jr. and Susan B.
	59	John C. Gibson III
	60	Christopher S. Gibson
	62	Naomi T. Griggs
63	Gregory W. and Judson Vaughan	
97-A	5	Emmett M. Coleman III and Joan C.
	5C	Kathryn C. McVay
	5C1	Crystal McVay Owens and John Steven
	5D	Emmett M. Coleman III and Joan C.
	6	William T. Johnson
	24	Joyce S. Minor Life Estate
	26	Guy D. Chenault
	70	William and Albert Neal
	71	C.T. Neal, Jr. et.als.

Tax Map	Parcel #	Owner Name(s)
98-A	8	Lynwood D. Broaddus et. als.
	9	Brian Rohm
	9A	Wayne and Sylvia Rohm
	10	Michael W. and Anita P. Alsop
99-A	3	Robert D. Upshaw and Jackie D. Gray
	7	Robert Dwain Upshaw



Soil Map—Caroline County, Virginia



Map Scale: 1:7,920 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84

**Scale:** 1" = 660'

CRWBB 2-6, 20, 21

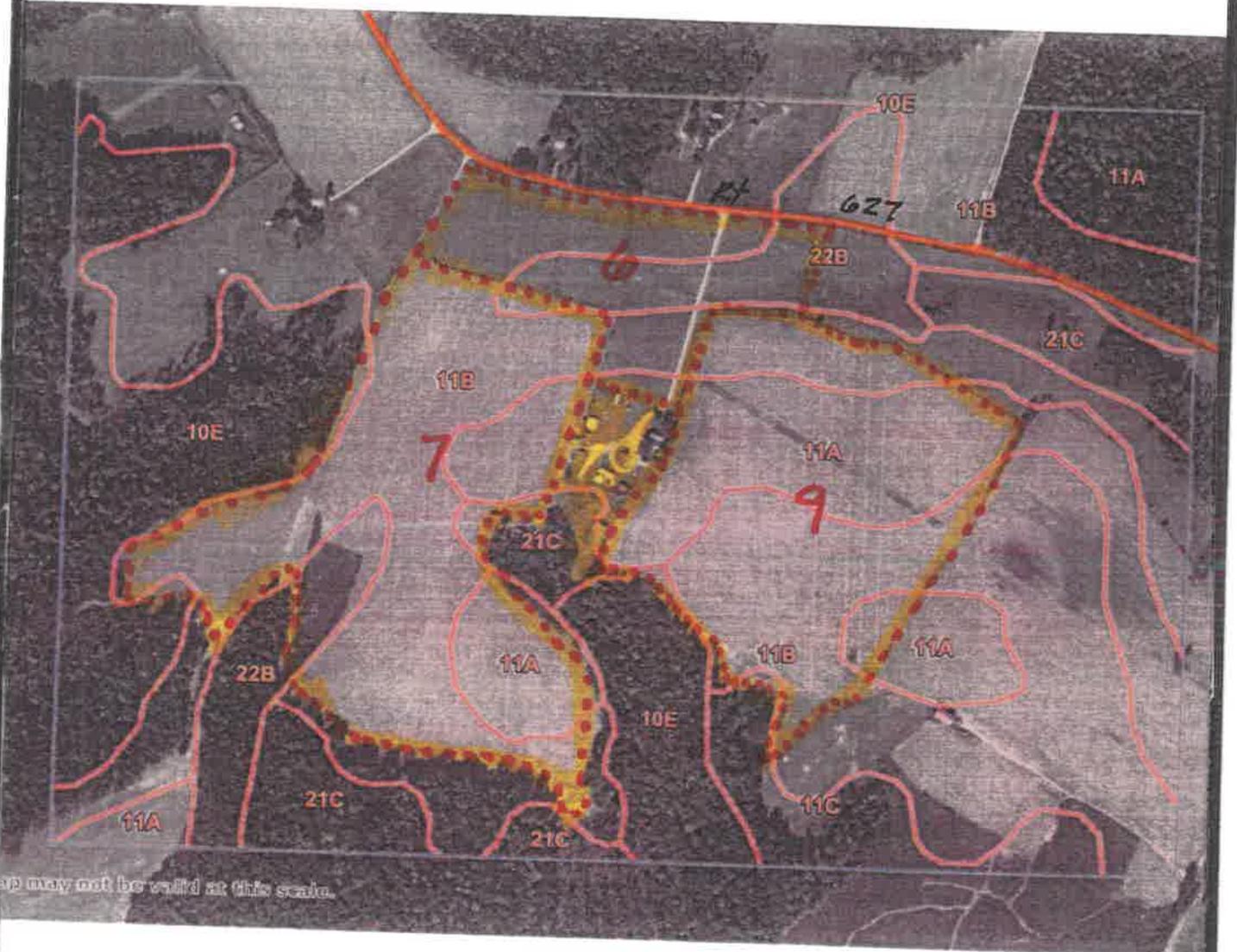
Frequent Flooding  
marked in Orange

### SOIL MAP



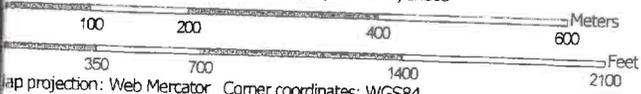


Soil Map—Caroline County, Virginia



Map may not be valid at this scale.

Map Scale: 1:7,920 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84

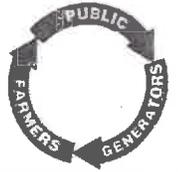
**Scale:** 1" = 660'

CRWBB 6,7,9

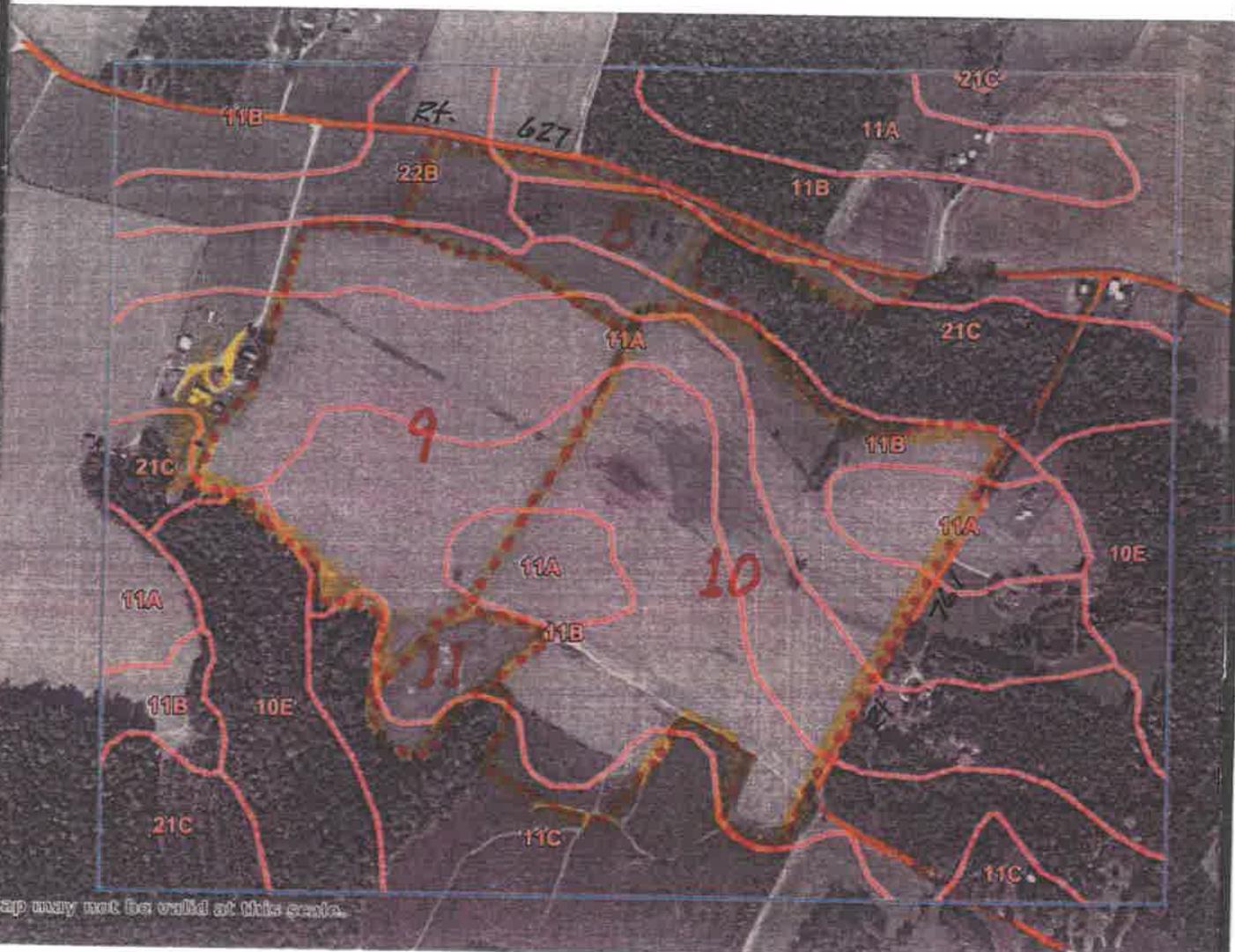
### SOIL MAP

Frequent Flooding  
marked in Orange





Soil Map—Caroline County, Virginia



Map may not be valid at this scale.

Map Scale: 1:7,920 if printed on A landscape (11" x 8.5") sheet.



**Scale:** 1" = 660'

CRWBB 8-10

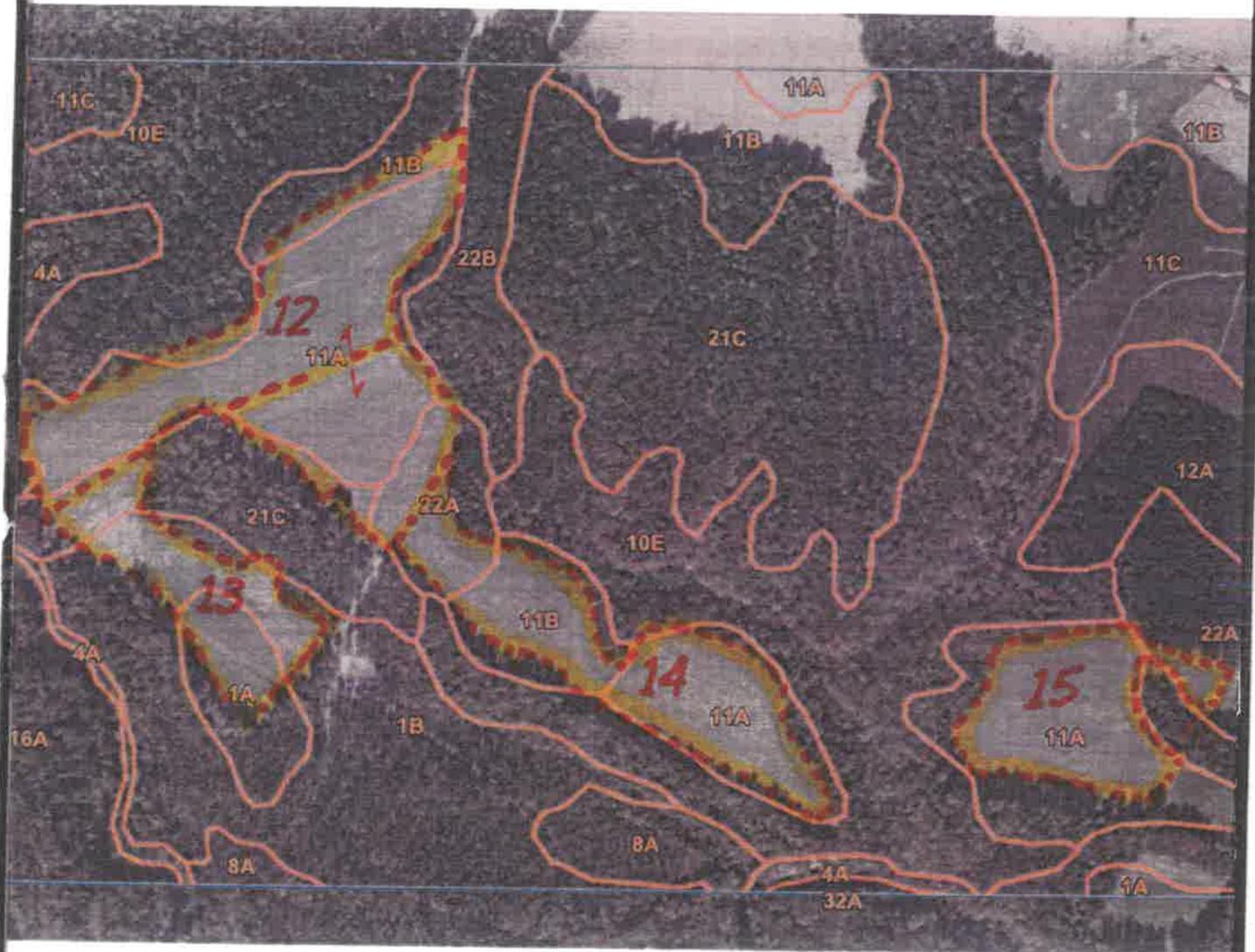
Frequent Flooding  
marked in Orange

### SOIL MAP





Soil Map—Caroline County, Virginia, and King William County, Virginia



Map Scale: 1:7,920 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84

**Scale:** 1" = 660'

CRWBB 12-15

Frequent Flooding  
marked in Orange

**SOIL MAP**





**Scale:** 1" = 660'

CRWBB 16,17

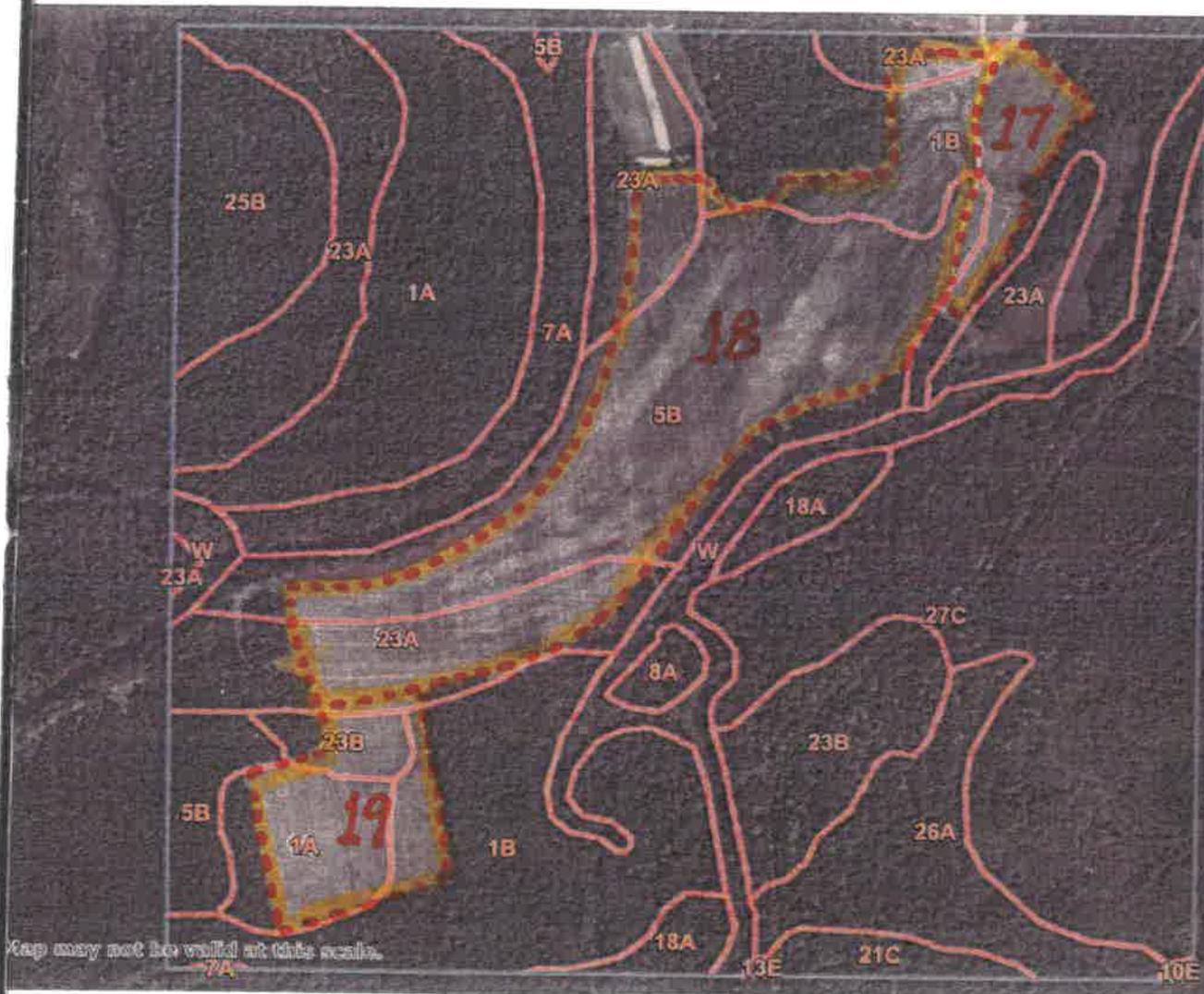
Frequent Flooding  
marked in Orange

## SOIL MAP





Soil Map—Caroline County, Virginia



Map Scale: 1:7,920 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84

**Scale:** 1" = 660'

CRWBB 18,19

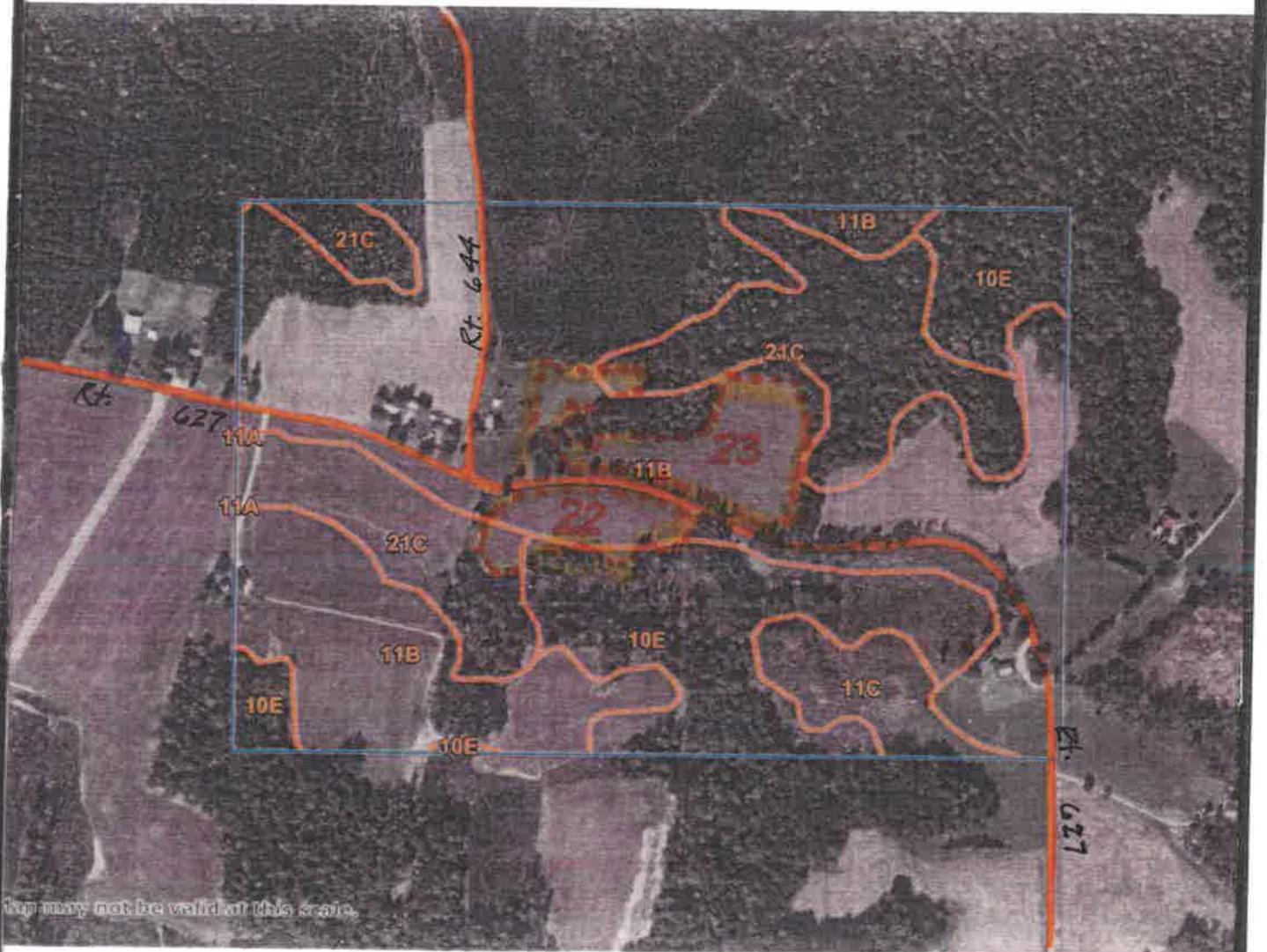
Frequent Flooding  
marked in Orange

### SOIL MAP





Soil Map—Caroline County, Virginia



Map Scale: 1:7,920 if printed on A landscape (11" x 8.5") sheet



Map projection: Web Mercator Corner coordinates: WGS84

**Scale:** 1" = 660'

CRWBB 22, 23

Frequent Flooding  
marked in Orange

### SOIL MAP

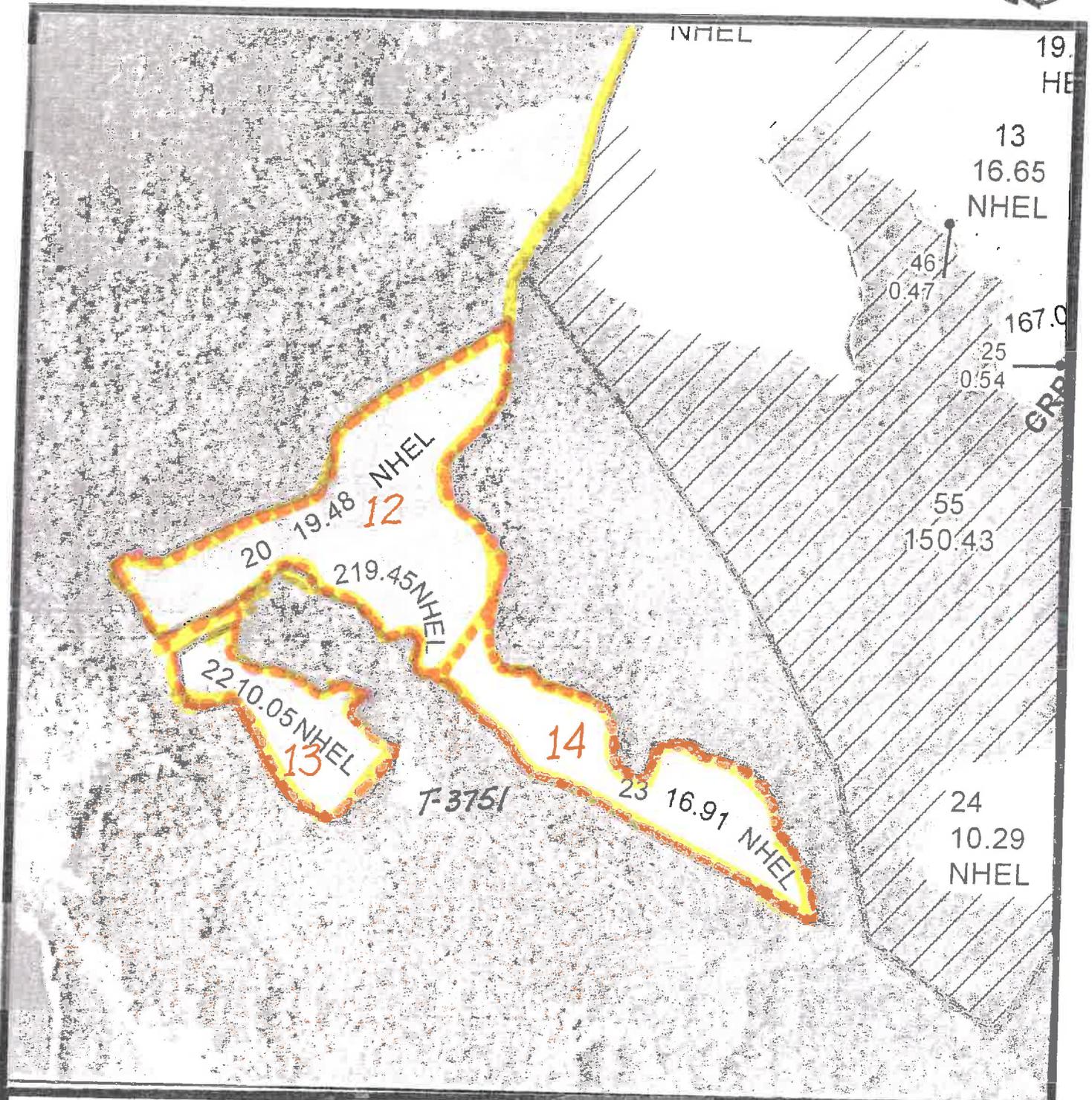






# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



Scale: 1" = 660'

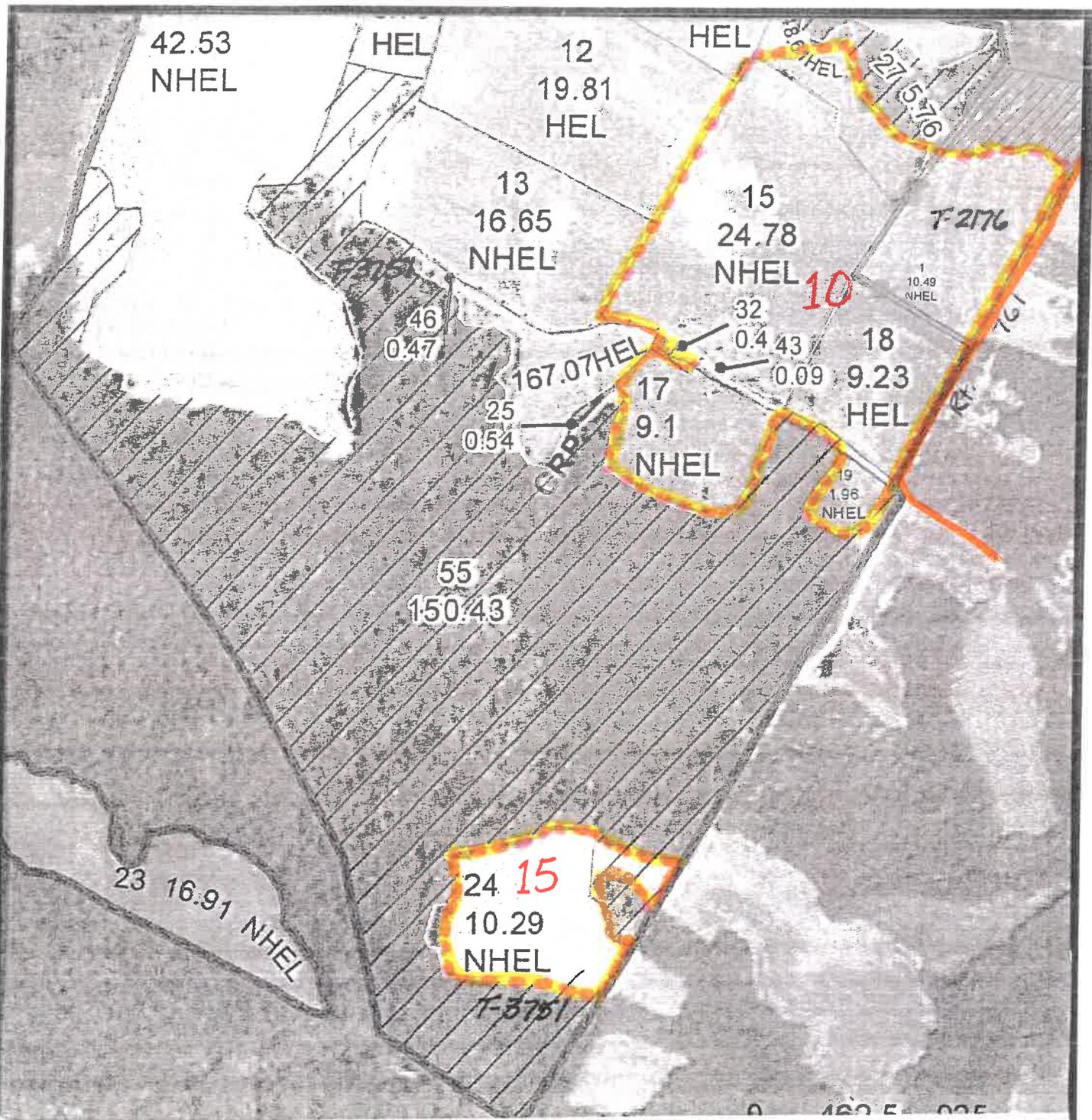
CRWBB 12-14

AERIAL MAP



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



Scale: 1" = 660'

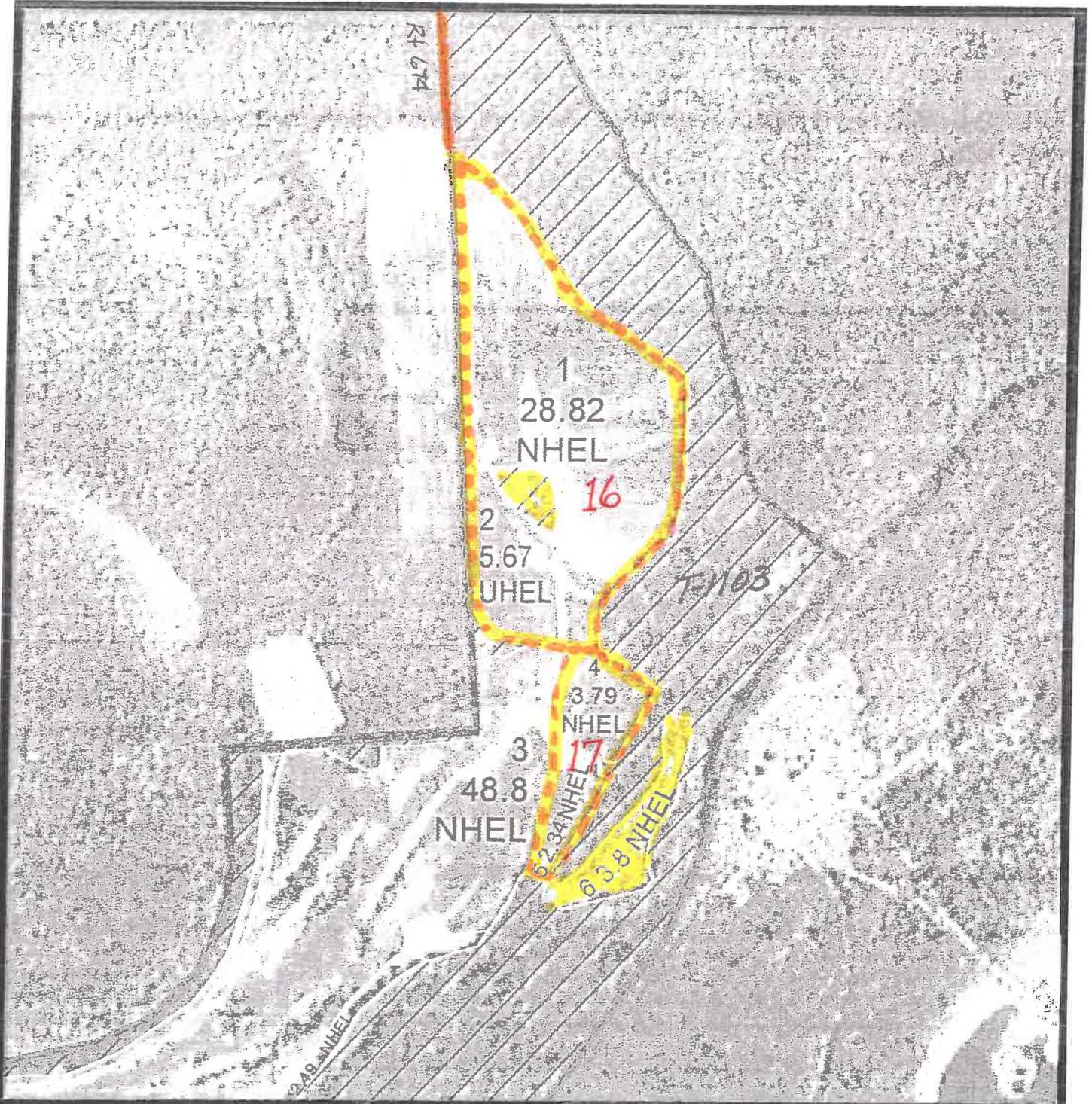
CRWBB 10,15

AERIAL MAP



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



Scale: 1" = 660'

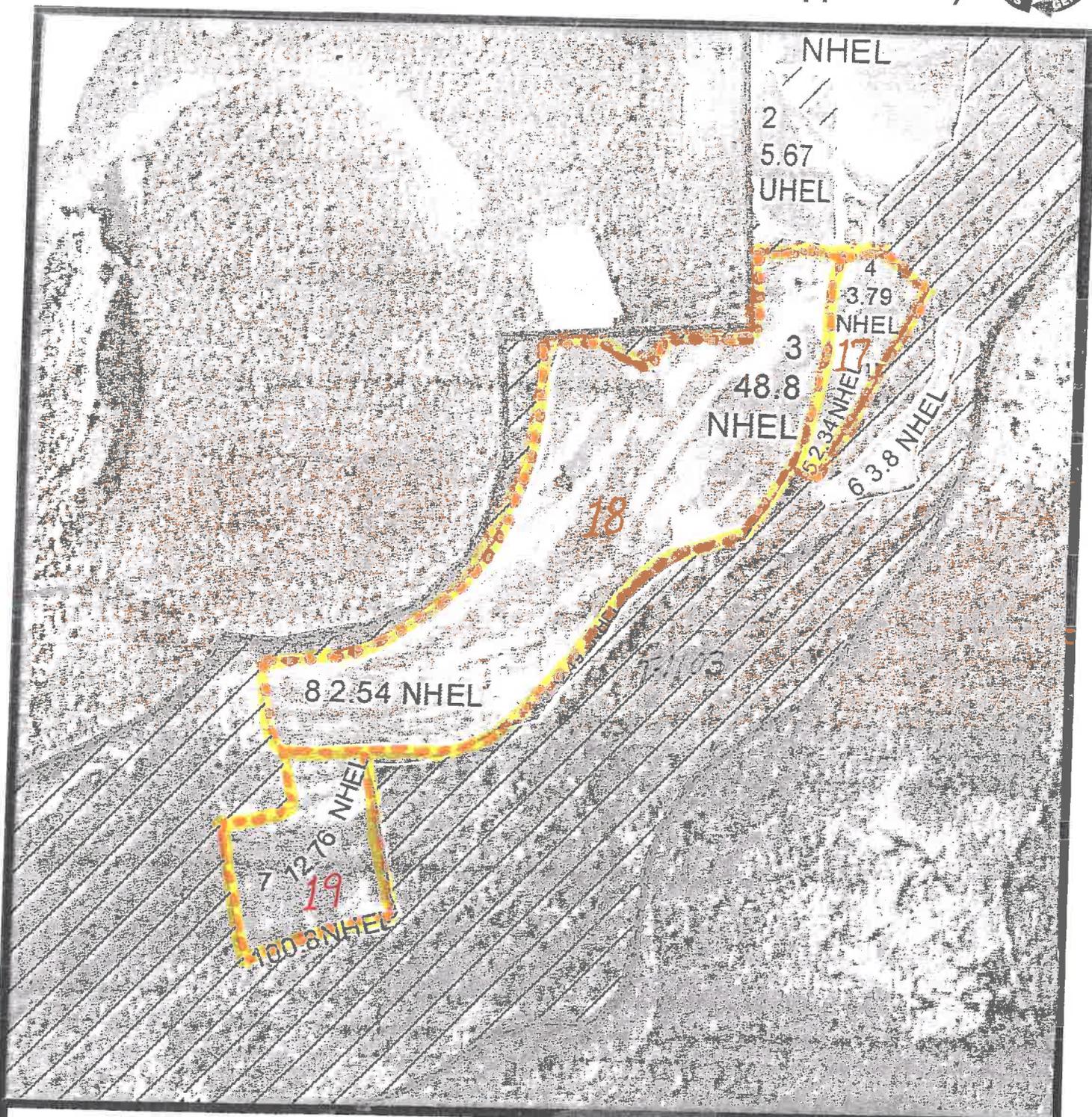
CRWBB 16,17

AERIAL MAP



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



Scale: 1" = 660'

CRWBB 17-19

AERIAL MAP



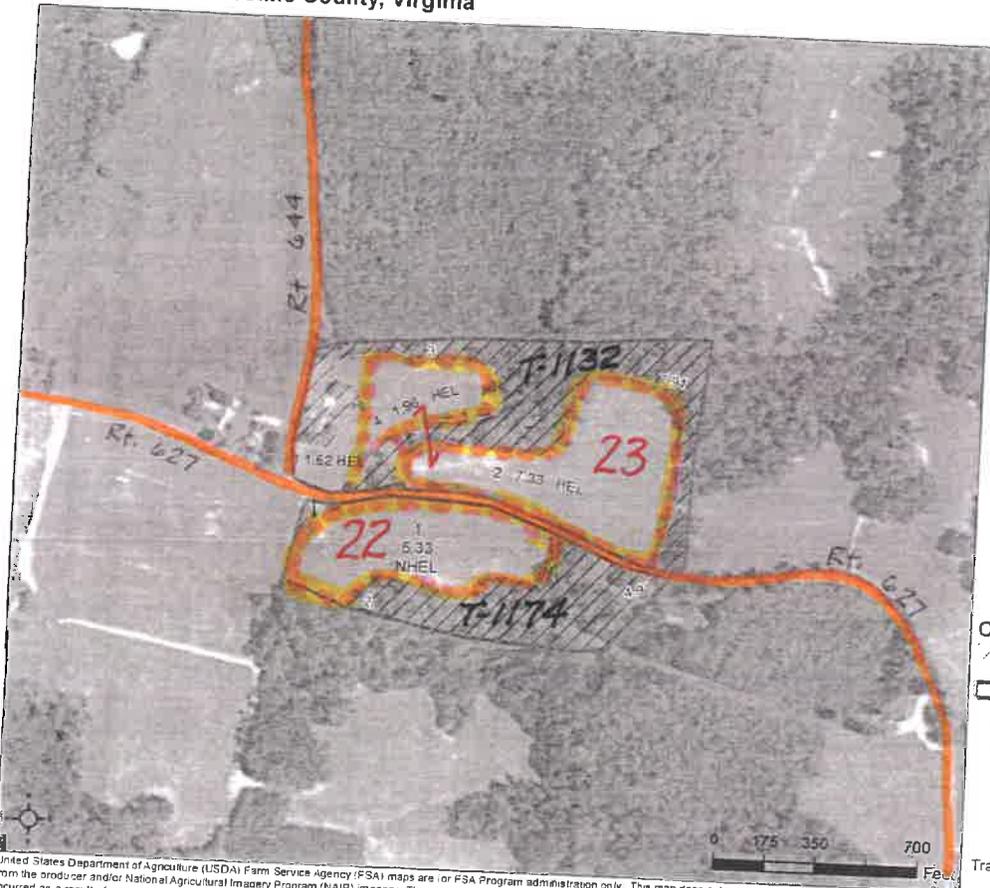
# Recyc Systems Inc.™

(Biosolids Land Application)



USDA  
United States  
Department of  
Agriculture

Caroline County, Virginia



2017 Program Year  
Map Created April 04, 2017

**Common Land Unit**

- ▨ Non-Cropland
- ▨ Cropland
- ▭ Tract Boundary

**Wetland Determination Identifiers**

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

Tract Cropland Total: 10.91 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-025 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

**Scale:** 1" = 660'

CRWBB 22, 23

**AERIAL MAP**



# Legend For Site Plan

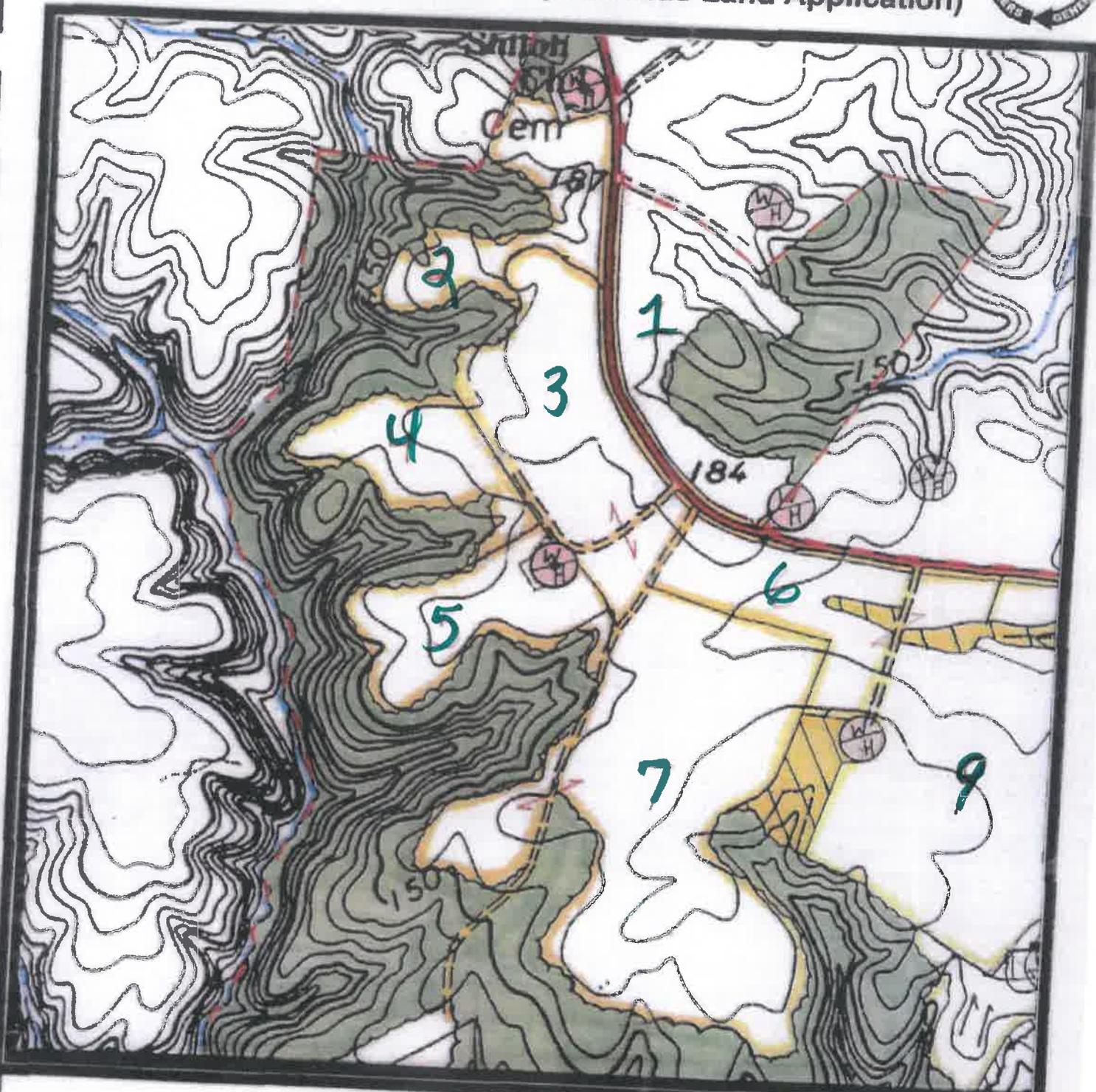
Symbol	Feature	Minimum Setback
	House and Well	200 feet from occupied dwelling * 100 feet from water supply wells or springs
 	Well or Spring	100 feet from water supply wells or springs
	Streams or Surface Water	35 feet with 35 foot vegetated buffer 100 feet without vegetated buffer
	Wet Spot	
	Trees 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.

(Biosolids Land Application)



Scale: 1 Inch = 660 Feet

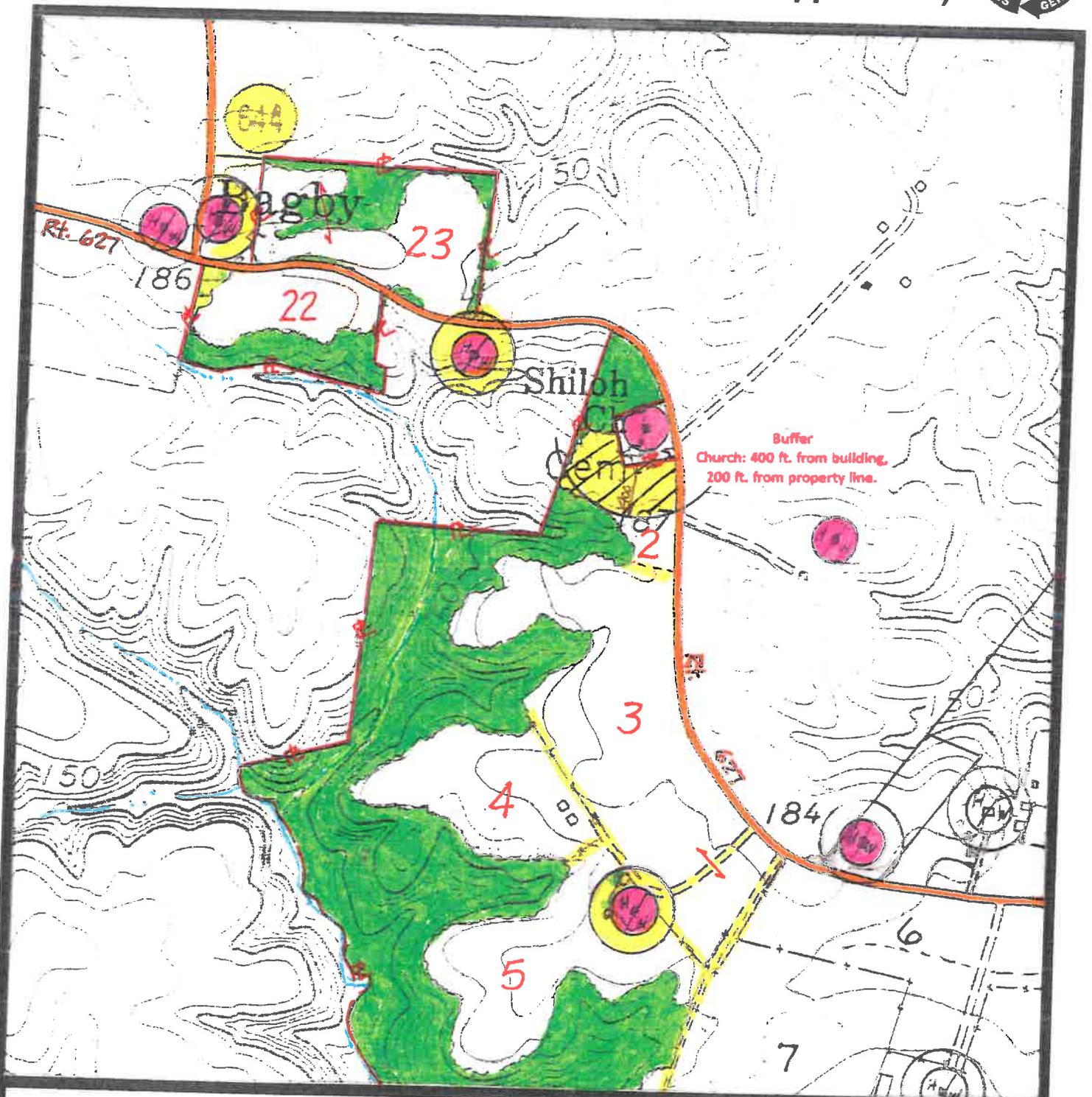
CRWBB 1-7

**SITE PLAN**



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



Scale: 1" = 660'

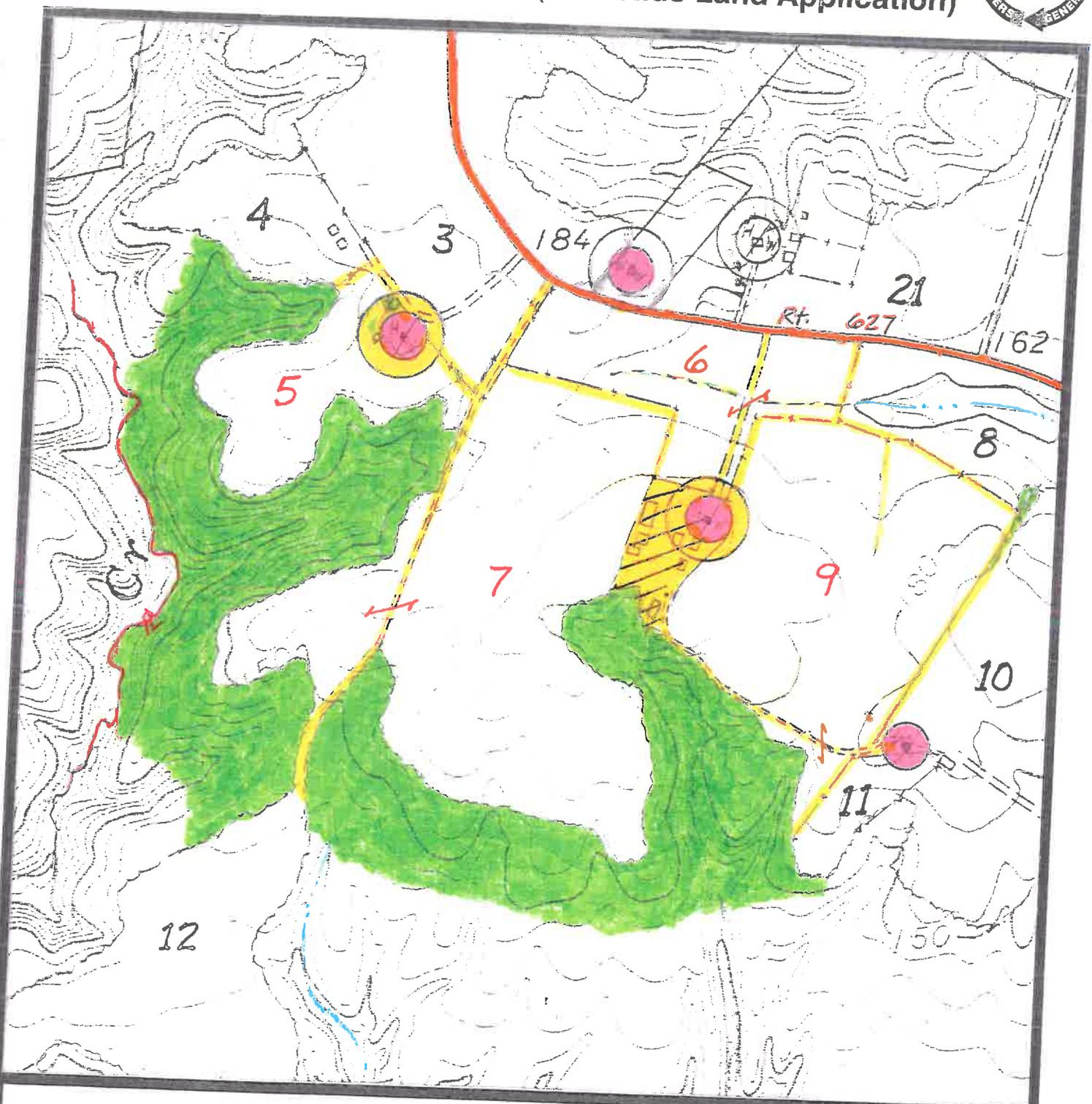
CRWBB 2-5, 22, 23

**SITE PLAN**



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



Scale: 1" = 660'

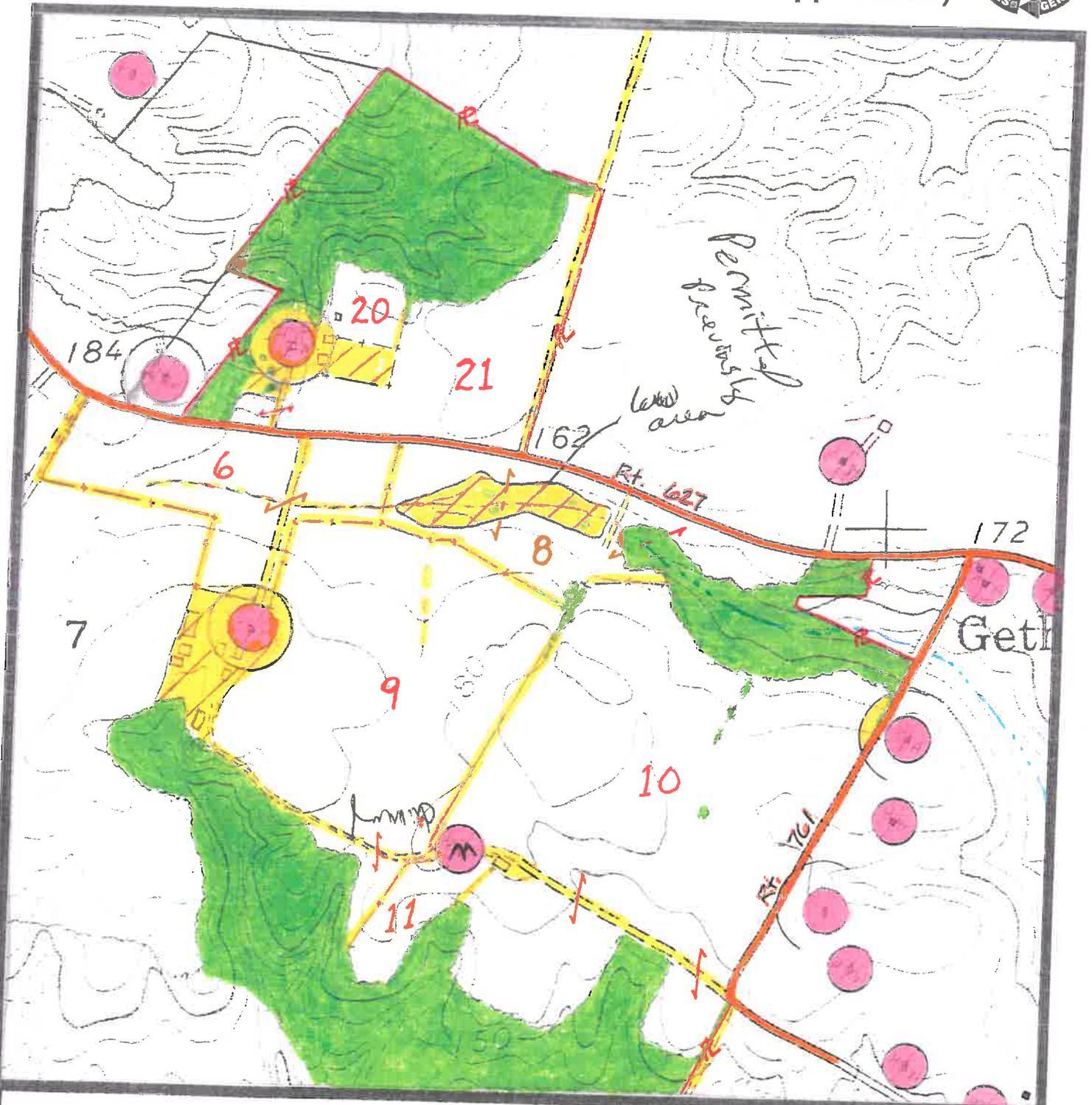
CRWBB 5-7,9

## SITE PLAN



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



Scale: 1" = 660'

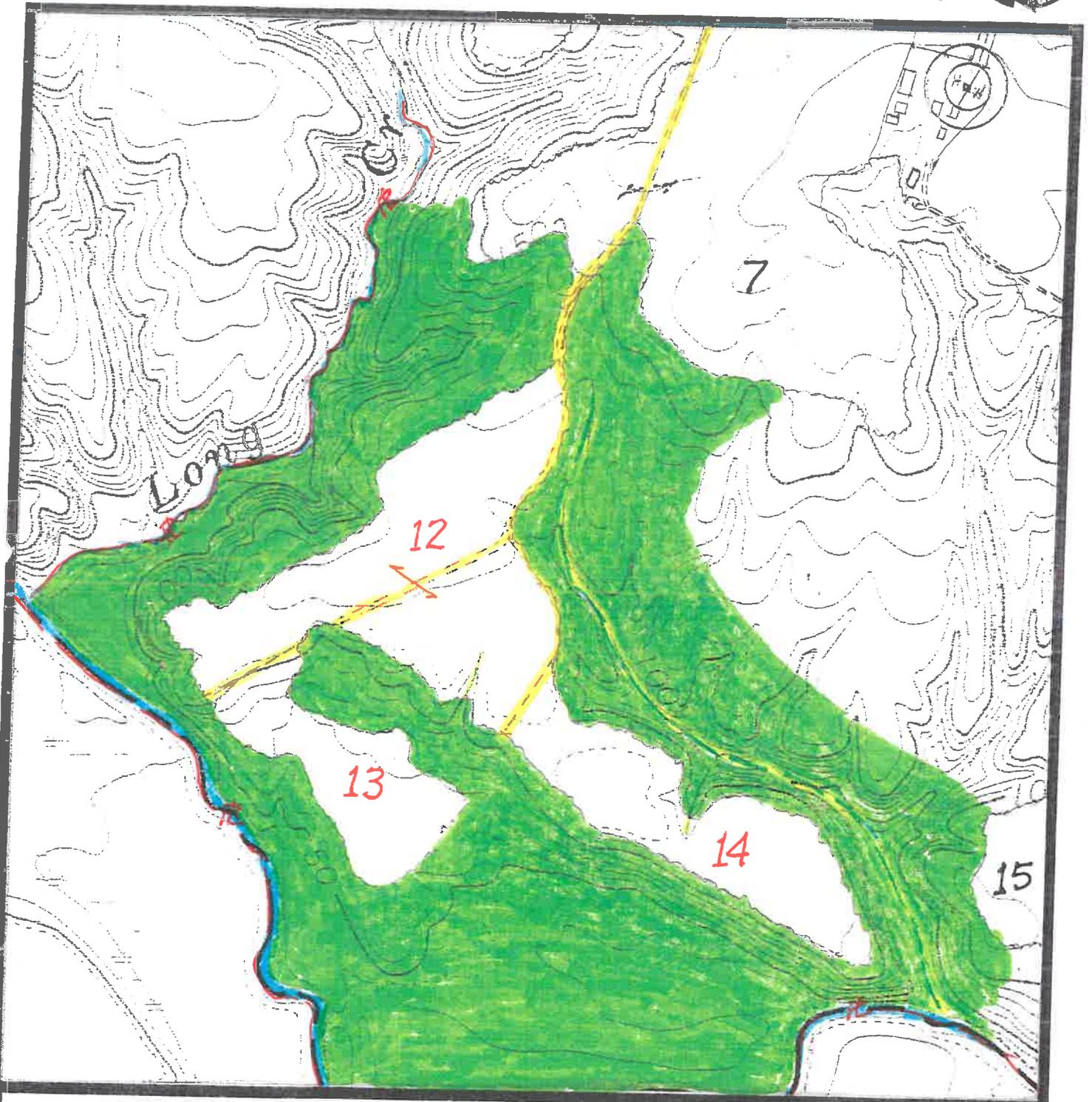
CRWBB 6, 8-11, 20, 21

SITE PLAN



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



Scale: 1" = 660'

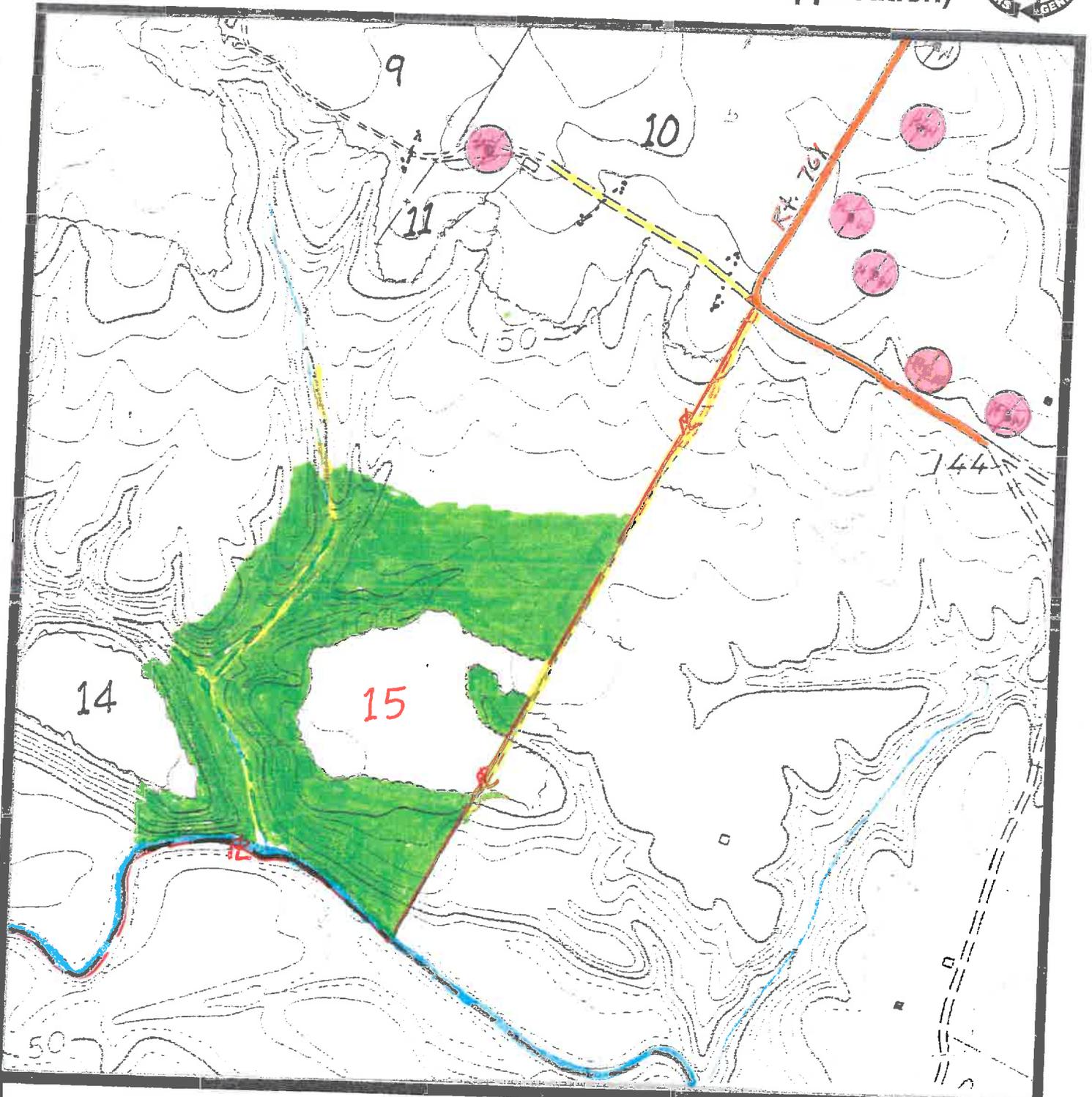
CRWBB 12-14

**SITE PLAN**



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



Scale: 1" = 660'

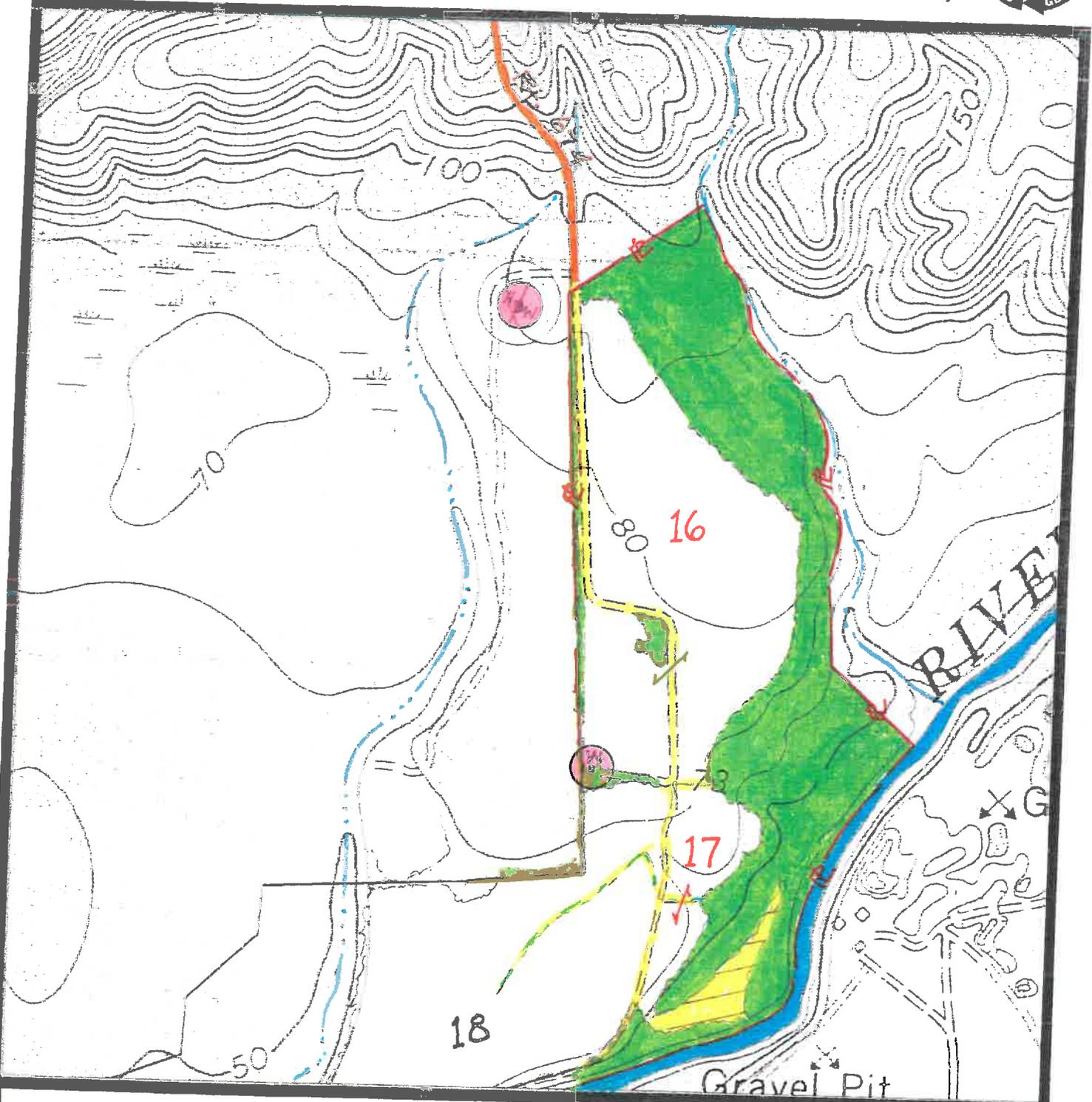
CRWBB 15

**SITE PLAN**



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



Scale: 1" = 660'

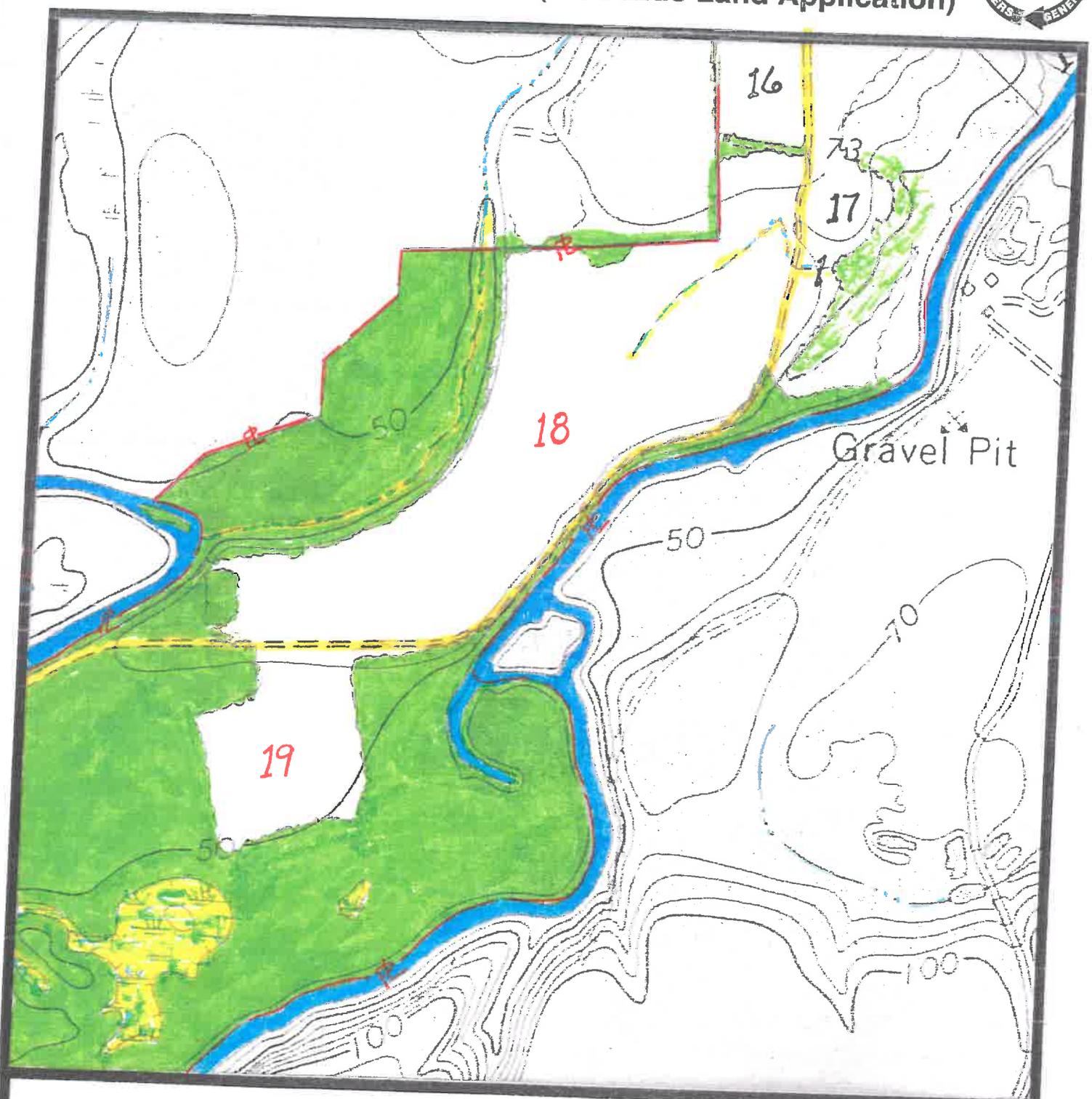
CRWBB 16,17

SITE PLAN



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



Scale: 1" = 660'

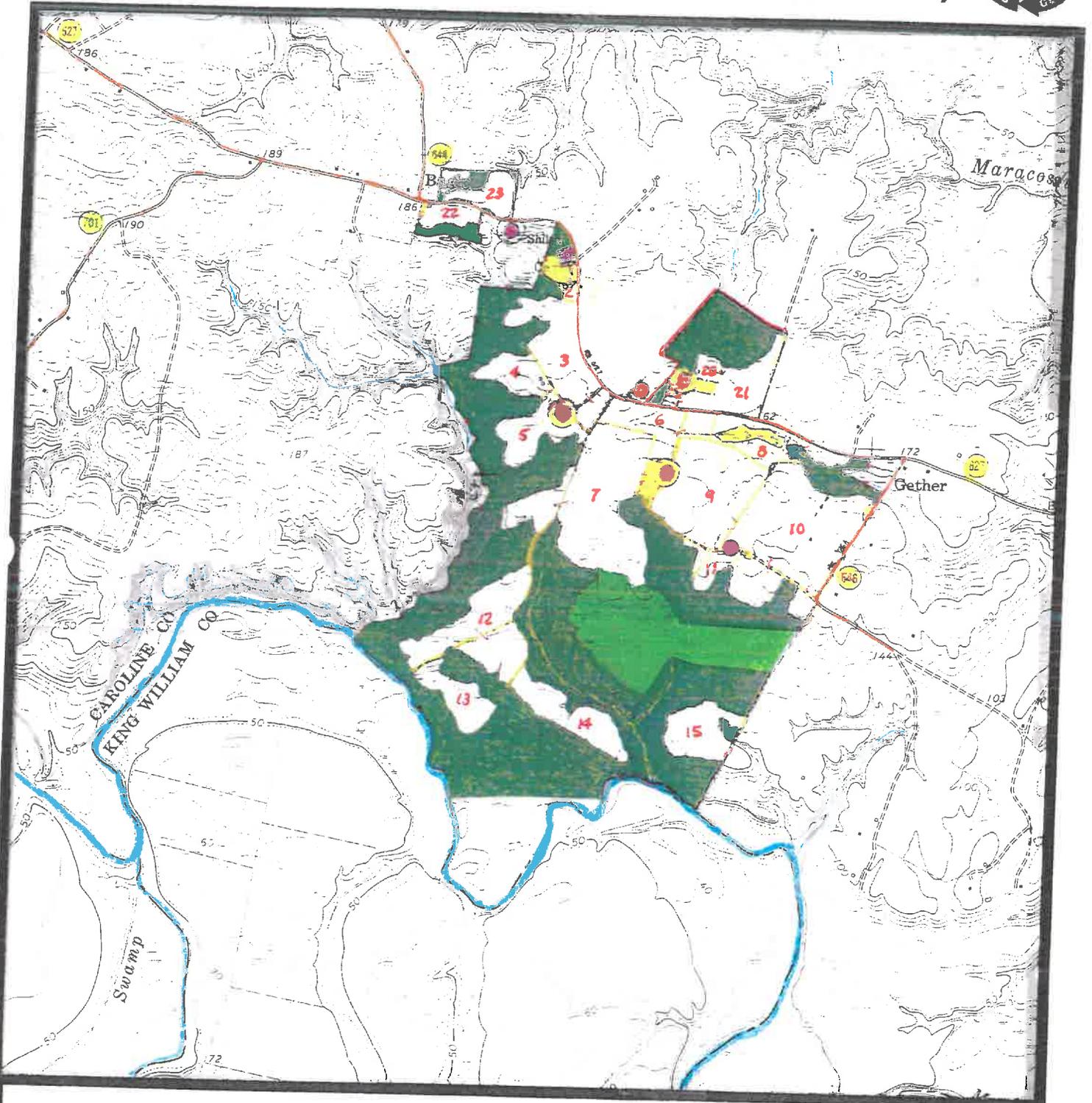
CRWBB 18,19

## SITE PLAN



# Recyc Systems™ Inc.

(Biosolids Land Application)



**Scale:** 1" = 2,000'

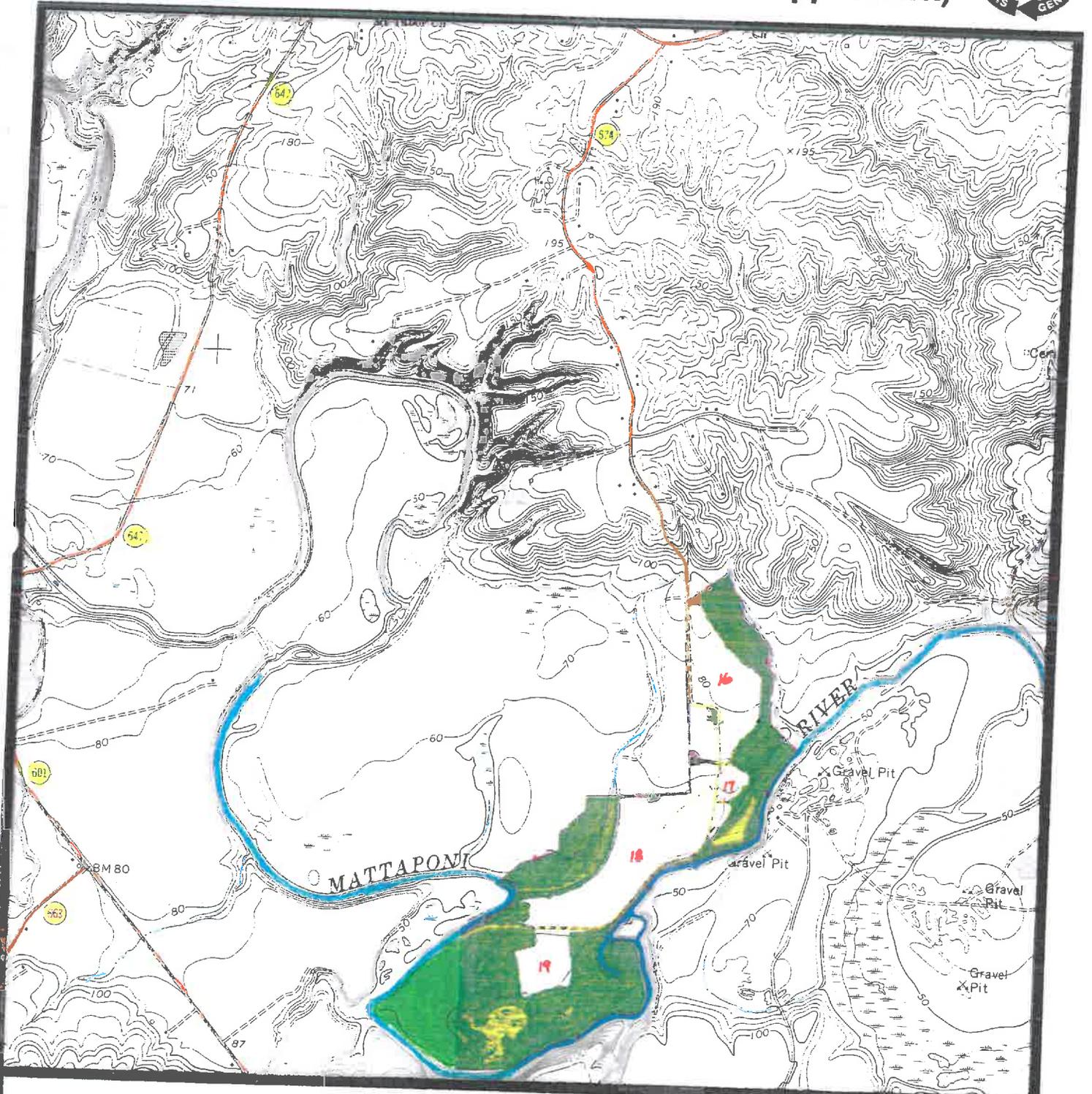
CRWBB 2-15, 20-23

**TOPOGRAPHIC MAP**



# Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1" = 2,000'

CRWBB 16-19

**TOPOGRAPHIC MAP**

