

LAND APPLICATION SITE

LURA L. WHARTON

ORLLW 6

ORANGE COUNTY

MAPPED

AUG 02 2016

By: DBL

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

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

A. This land application agreement is made on 5-18-15 between Lura L Wharton 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 orange, 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
32-40			
32-40A			
32-40B			
47-5			

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

11188 Marquis Rd.
 Unionville, VA 22567
 540-854-7785

X

Lura L Wharton
 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)

[Signature] [Signature]
 Permittee - Authorized Representative Signature Mailing Address
 Printed Name PO Box 562 Remington, Virginia 22734

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

Permittee: Recyc Systems, Inc County or City: orange

Landowner: Lura L Wharton

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).

Lura Lector Wharton
Landowner's Signature

18 May 2015
Date

Same
Farm Operator Signature

Mailing Address & Phone Number

FARM DATA SHEET

SITE NAME:	Lura L. Wharton	COUNTY:	Orange
OWNER:	Lura Leete Wharton	OPERATOR:	Lura L. Wharton
OWNER'S ADDRESS:	11188 Marquis Road Unionville, VA 22567	OPERATOR'S ADDRESS:	11188 Marquis Road Unionville, VA 22567
OWNER'S TELEPHONE:	540-854-7785	OPERATOR'S TELEPHONE:	540-854-7785
GENERAL FARM TYPE:	Pasture / Hay	CELL PHONE:	-
# CATTLE:	50	EMAIL:	-
LAGOON or SLURRY:	None	LATITUDE:	38.248
TOPO QUAD:	Unionville-Lahore	LONGITUDE:	77.975
COMMENTS:	Field 6 is in the process of being cleared.		
	James E. Wharton is deceased; Lura L. Wharton inherited his share of the property.		

BBQ

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			
ORLLW 6	13.5	LgB Dec.-May	-	-	-	YO 16	TM 32-40	T 1038 F 13
TOTAL ACRES IN SITE	13.5							

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: Lura L. Wharton

County or City: Orange

Please Print

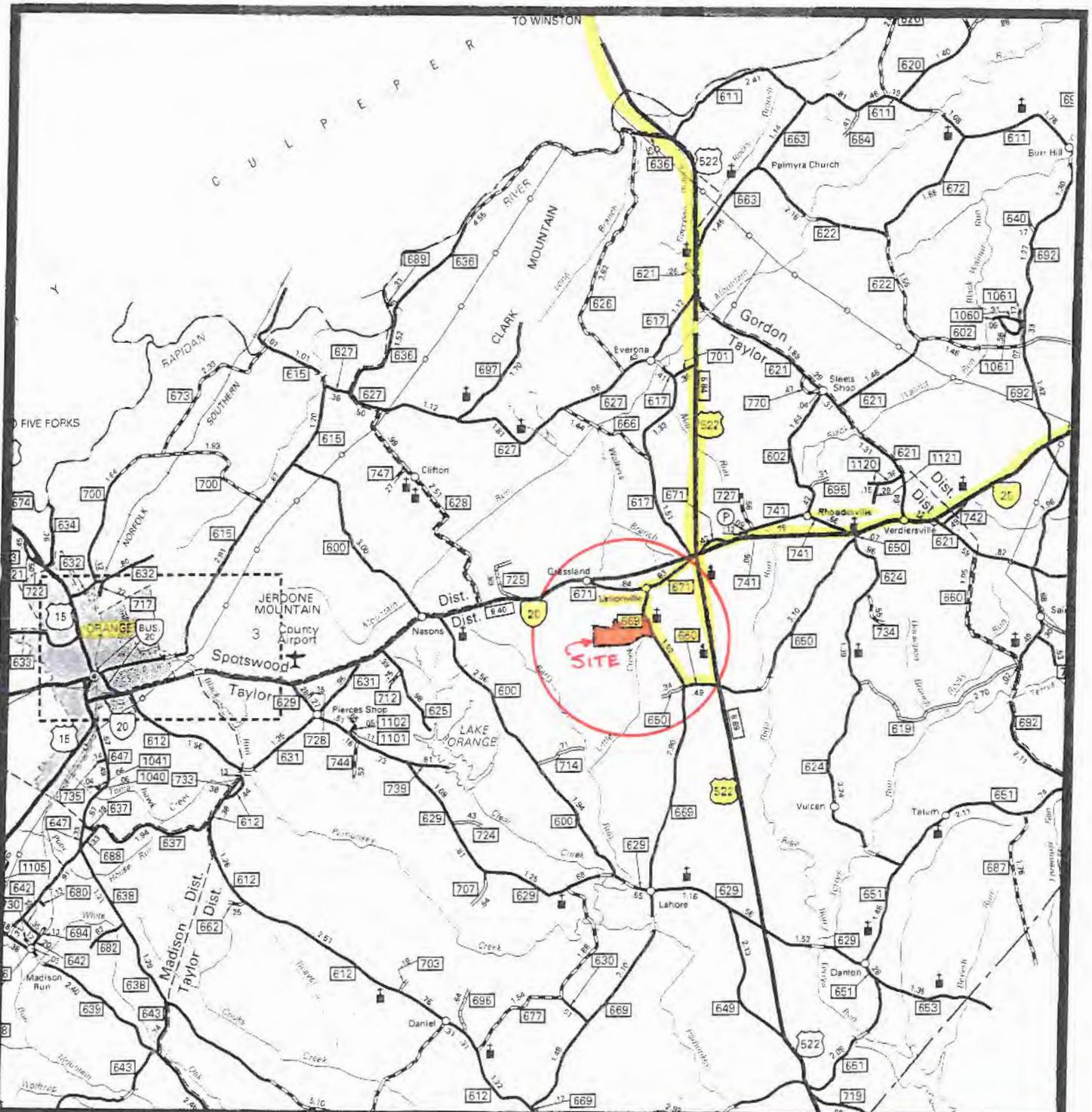
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<u>Tax Parcel ID(s)</u>	<u>Landowners (s)</u>
32-40	James E. and Lura L. Wharton
32-40A	James E. and Lura L. Wharton
32-40B	James E. and Lura L. Wharton
47-5	Lura Leete Wharton

MAPS

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1" = 2 miles

Highlighted rds depict haul route

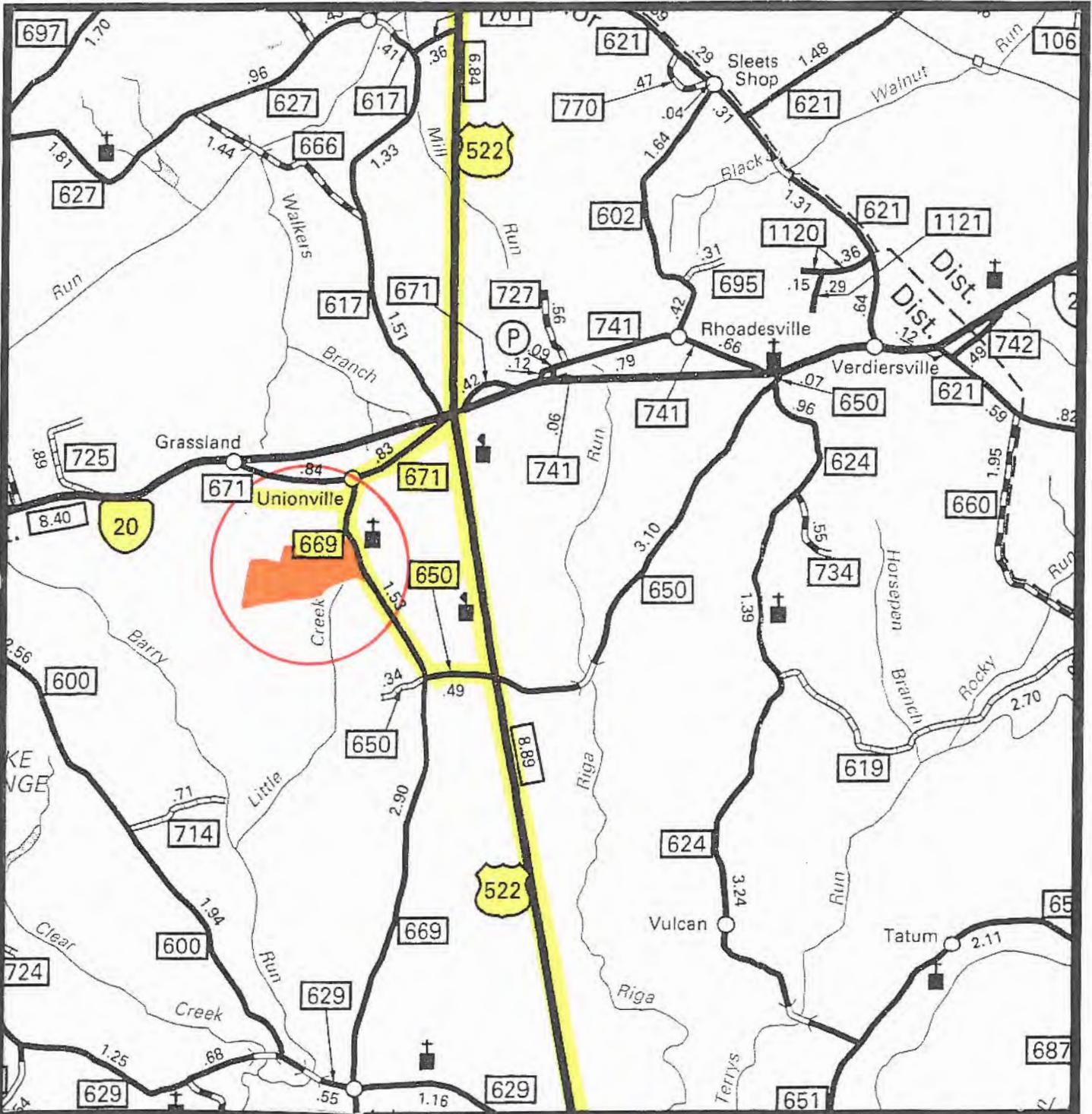
ORLLW 6

VICINITY MAP



Recyc Systems™

Inc. (Biosolids Land Application)



Scale: 1" = 1 mile

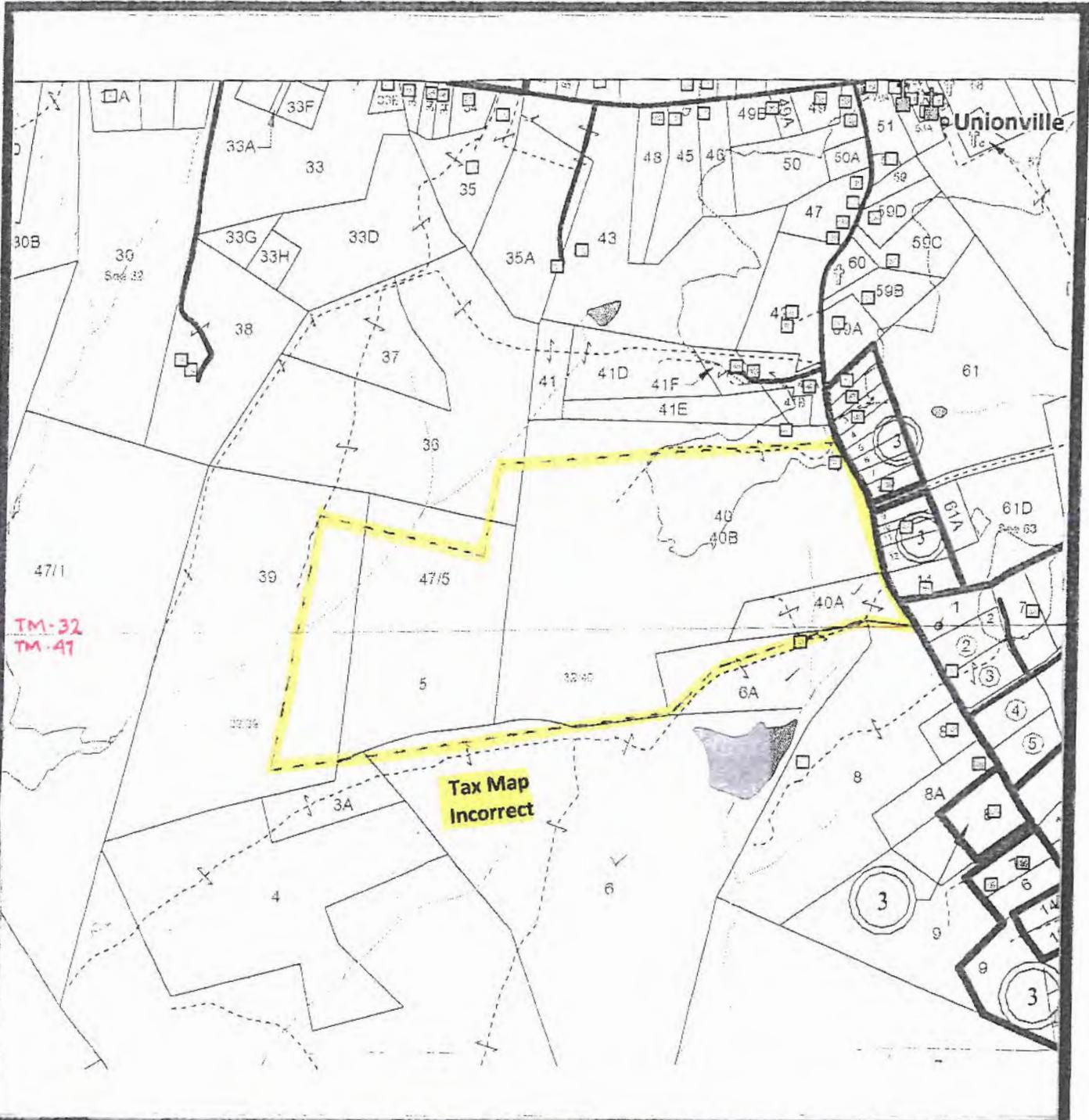
ORLLW 6

VICINITY MAP



Recyc SystemsTM Inc.

(Biosolids Land Application)



Scale: 1" = 1,000'

ORLLW 6

TAX MAP



ADJOINING LANDOWNERS

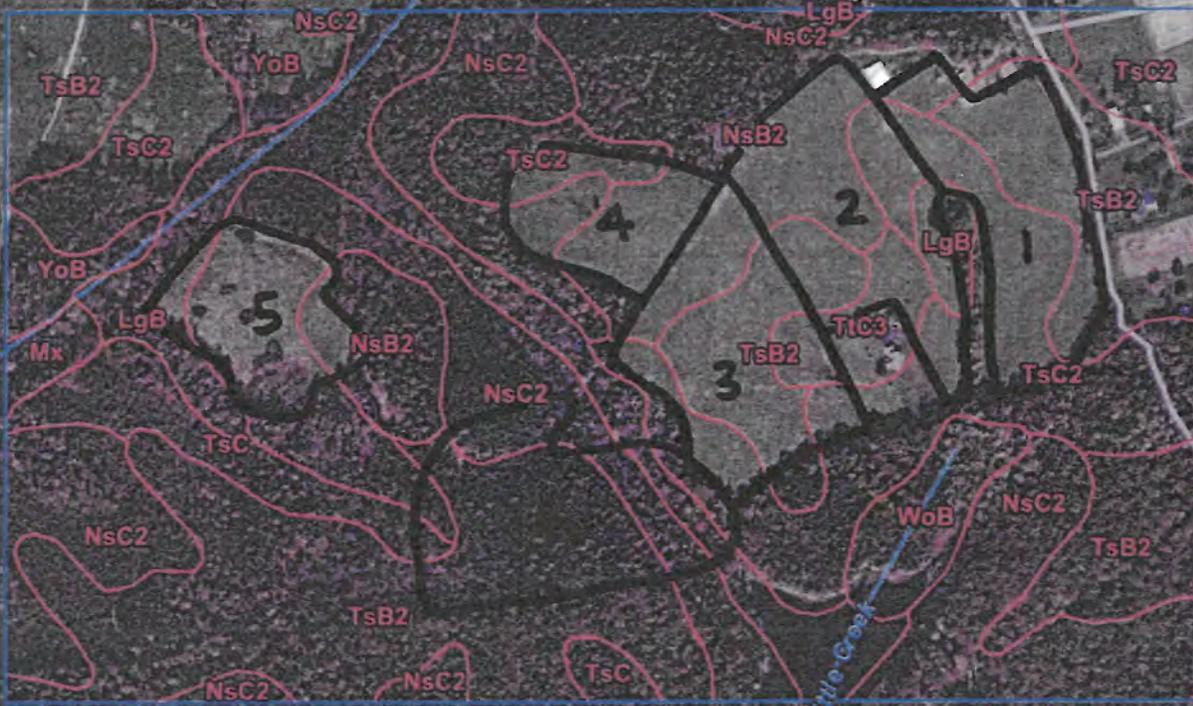
Lura L. Wharton

ORANGE COUNTY

Tax Map	Parcel #	Owner Name(s)	
32	36	Keith F. Marshall and Jay C. Marshall c/o Keith Marshall	
	39	Keith F. Marshall and Jay C. Marshall c/o Keith Marshall	
	41	Keith F. Marshall and Jay C. Marshall c/o Keith Marshall	
	41A	Katherine Gipson Life Estate c/o Thomas Edward Gipson	
	41E	Katherine Gipson Life Estate c/o Thomas Edward Gipson	
	41B	Louis Henry Gipson	
	61B	Daniel John Maurice Miller	
32	1-1	Festus Burrell James and Molly Sue Snurr	
	3-3	Melvin Dye et ux	
	3-4	Unknown	
	3-5	Unknown	
	3-6	Unknown	
	3-7	Thomas and Nancy Huff	
	3-8	Unknown	
	3-9	Kenneth and Amy Kaval	
	3-10	Kenneth and Amy Kaval	
	3-11	Kenneth and Amy Kaval	
	3-12	Unknown	
	3-14	Festus Burrell James and Molly Sue Snurr	
	47	3A	Paul D. Foltz III trustee
		6	Jimmy R. Hayes et ux
6A		Jimmy R. Hayes et ux	
8		Jimmy R. Hayes et ux	



Soil Map—Orange County, Virginia



Scale: 1" = 660 ft.

ORLLW 6

SOIL MAP





FSN 574 Tract 1038
Lara Wharton

Farm Service Agency



Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.

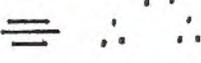
Scale: 1" = 660 ft.

ORLLW 6

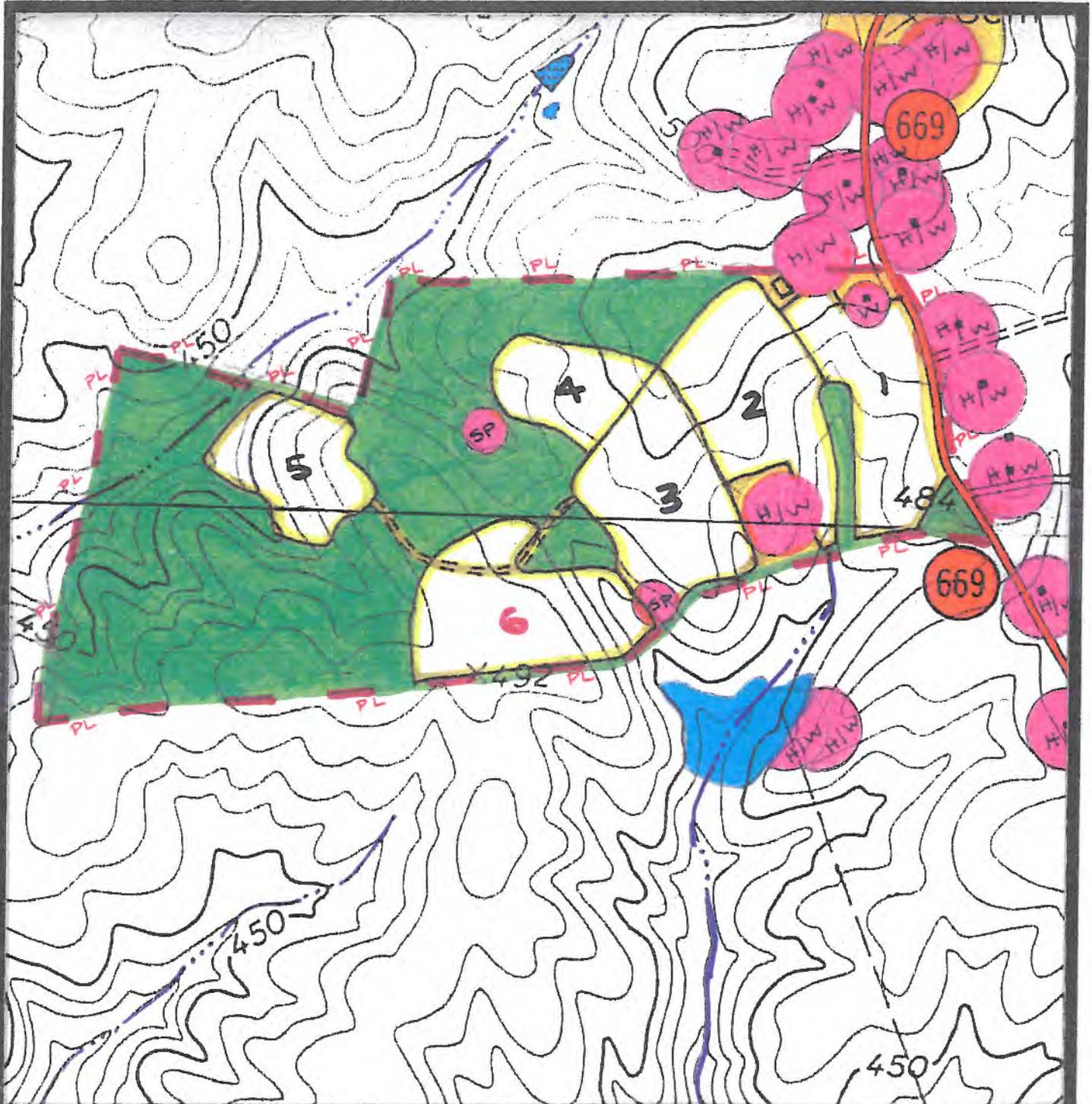
AERIAL MAP



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
	Frequent Flooded Soil	
	Hashed out Area	No application

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



Scale: 1" = 660 ft.

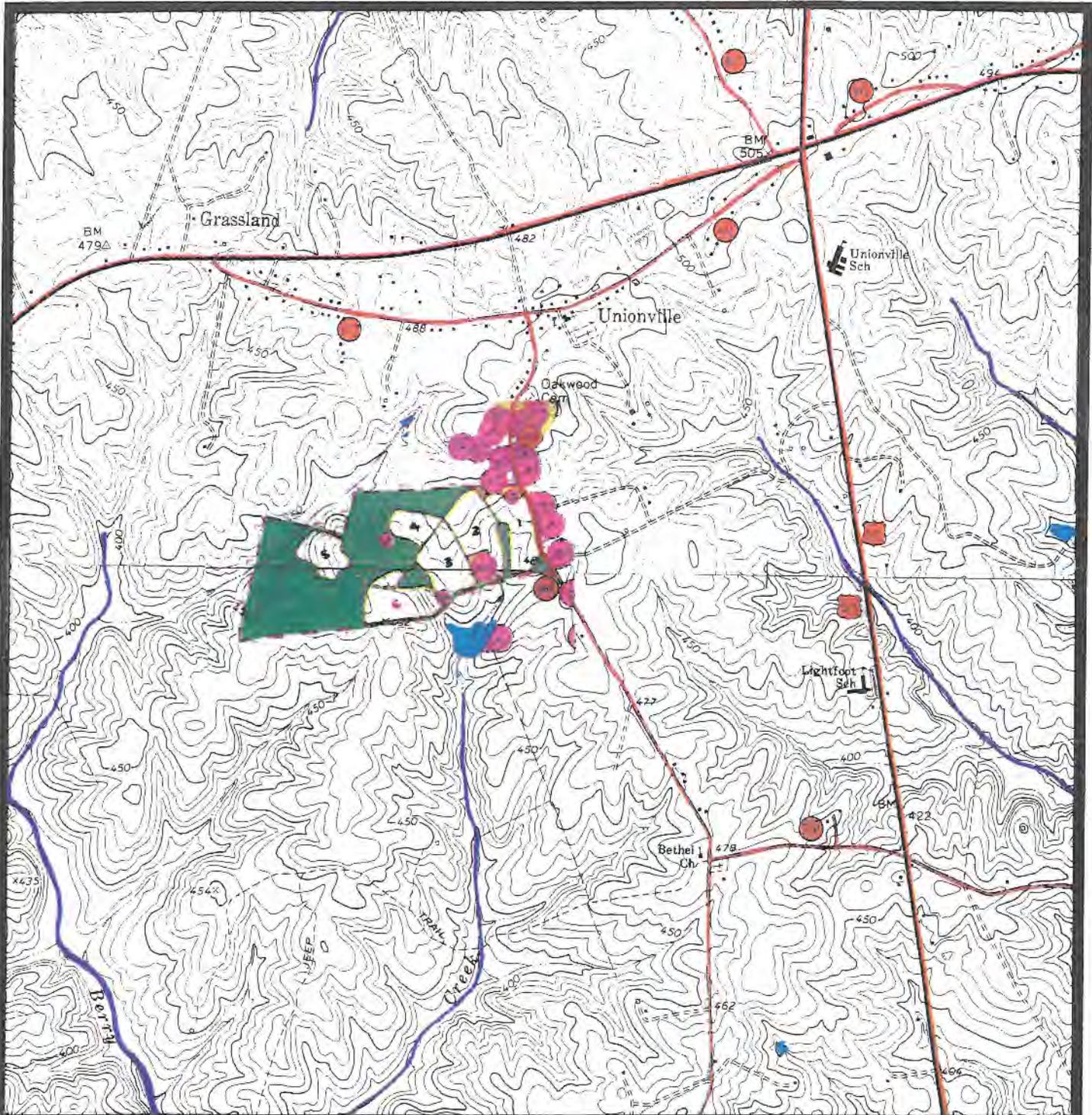
ORLLW 6

SITE PLAN



Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1" = 2000 ft.

ORLLW 6

TOPOGRAPHIC MAP

