

LAND APPLICATION SITE

JAMES R. GARRETT

CRJRG 1 – 29

CAROLINE 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 4-29-19 between James R. Garrett 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) with county documentation identifying owners, 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>12-A-37, 37A</u>			
<u>13-A-2</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

Printed name <u>James R. Garrett</u>	Mailing Address <u>24497 HAZELWOOD LN Rappahannock VA 22538</u>	Landowner Signature <u>James R. Garrett</u>
By: <u>Owner</u>	Phone No. <u>804-742-5740</u>	

I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc.

I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.

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.

Printed name <u>Susan Trumbo</u>	Mailing Address <u>PO Box 562, Remington Virginia 22734</u>	Permittee- Authorized Representative Signature <u>[Signature]</u>
Title <u>Technical Manager</u>	Phone No. <u>540-547-3300</u>	

Permittee: Recyc Systems, Inc

County or City: Caroline Co.

Landowner: James R. Garrett

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).

James R. Garrett
Landowner's Signature

4/29/19
Date

R Wayne Barrett
Operator's Signature

24499 HAZELWOOD LN
Rapp Ahdy VA 22538
mailing address & phone

4/29/19
Date

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

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

A. This land application agreement is made on 4-4-19 between Douglas L. Garrett 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) with county documentation identifying owners, 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>13A#2A</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.

<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			

Printed name <u>Douglas L. Garrett</u>	Mailing Address <u>25473 Hazelwood Lane Rappahannock Academy, VA</u>	Landowner Signature 
By: Title* <u>Owner</u>	Phone No. <u>540-842-0294 28538</u>	

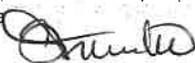
* I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc.

* I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.

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.

Printed name <u>Susan Trumbo</u>	Mailing Address <u>PO Box 562, Remington Virginia 22734</u>	Permittee - Authorized Representative Signature 
Title <u>Technical Manager</u>	Phone No. <u>540-547-3300</u>	

Permittee: Recyc Systems, Inc

County or City: Caroline Co.

Landowner: Douglas L. Garrett

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).

Douglas L. Garrett
Landowner's Signature

4/4/19
Date

Douglas L. Garrett
Operator's Signature

25473 Hazelwood Lane
mailing address & phone
Rags Academy, VA 22538

4/4/19
Date

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

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

A. This land application agreement is made on 4-9-19 between Helen A. Garrett 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) with county documentation identifying owners, 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>12-A-37, 37A</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

Printed name <u>Helen A. Garrett</u>	Mailing Address <u>Greenlaw's Cemetery 17623 Lakewood Rd. Bowling Green, Va. 22421</u>	Landowner Signature <u>Deceased</u> <u>4/9/19</u>
By: <u>Douglas L. Garrett</u>	Phone No. <u>804-633-5661</u>	
Title* <u>Owner</u>		
* <input type="checkbox"/> I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc.		
* <input type="checkbox"/> I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.		

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.

Printed name Susan Trumbo	Mailing Address PO Box 562, Remington Virginia 22734	Permittee-Authorized Representative Signature <u>[Signature]</u>
Title Technical Manager	Phone No. 540-547-3300	

Permittee: Recyc Systems, Inc County or City: Caroline Co.

Landowner: Helen A. Garrett
Deceased

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).

Deceased
Landowner's Signature

4/9/19
Date

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

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

A. This land application agreement is made on 6-23-19 between Rebekah Jo Garrett 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) with county documentation identifying owners, 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>3-A-11</u>			
<u>3-2-7A, 8</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

Printed name <u>Rebekah Jo Garrett</u>	Mailing Address <u>251A Hazelwood Lane Rappahannock Academy, VA 22958</u>	Landowner Signature <u>Rebekah Jo Garrett</u>
By: <u>Owner</u>	Phone No. <u>540-846-1869</u>	

* I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc.

* I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.

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.

Printed name <u>Susan Trumbo</u>	Mailing Address <u>PO Box 562, Remington Virginia 22734</u>	Permittee- Authorized Representative Signature <u>[Signature]</u>
Title <u>Technical Manager</u>	Phone No. <u>540-547-3300</u>	

Permittee: Recyc Systems, Inc
Landowner: Rebekah Jo Garrett

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.

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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.
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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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4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

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

Rebekah Jo Garrett
Landowner's Signature

6-23-19
Date

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

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

A. This land application agreement is made on 6-23-19 between Cory D. Garrett 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) with county documentation identifying owners, 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
3-A-11			
3-2-7A, 8			
12-A-37B			

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

Printed name <u>Cory D. Garrett</u>	Mailing Address <u>25119 Hazelwood Lane Rappahannock Academy, VA 22658</u>	Landowner Signature <u>Cory D. Garrett</u>
By: <u>Owner</u>	Phone No. <u>540-846-1889</u>	
* <input type="checkbox"/> I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc.		
* <input type="checkbox"/> I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.		

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.

Printed name Susan Trumbo	Mailing Address PO Box 562, Remington Virginia 22734	Permittee- Authorized Representative Signature <u>[Signature]</u>
Title Technical Manager	Phone No. 540-547-3300	

Permittee: Recyc Systems, Inc

County or City: Caroline Co.

Landowner: Cory D. Garrett

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).

Cory D. Garrett
Landowner's Signature

6-23-19
Date

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

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

A. This land application agreement is made on 6-24-19 between Camden J. Patton 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) with county documentation identifying owners, 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>13-A-2A1</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.

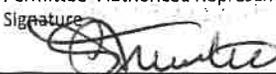
Class B biosolids Water treatment residuals Food processing waste Other industrial sludges
 Yes No Yes No Yes No Yes No

Printed name <u>Camden J. Patton</u>	Mailing Address <u>25305 Hazelwood Ln Rappahannock Academy VA 22959</u>	Landowner Signature 
By: <u>Owner</u>	Phone No. <u>540-273-8320</u>	
* <input type="checkbox"/> I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc.		
* <input type="checkbox"/> I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.		

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.

Printed name <u>Susan Trumbo</u>	Mailing Address <u>PO Box 562, Remington Virginia 22734</u>	Permittee- Authorized Representative Signature 
Title <u>Technical Manager</u>	Phone No. <u>540-547-3300</u>	

Permittee: Recyc Systems, Inc

County or City: Caroline Co.

Landowner: Camden J. Patton

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:

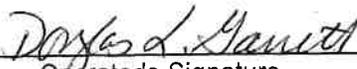
 - a. Meat producing livestock shall not be grazed for 30 days,
 - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
 - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids 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).



Landowner's Signature

6/24/19

Date



Operator's Signature

25473 Nagsboro Rd
Ray, Acad, VA. 22538
mailing address & phone

6/24/19

Date

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

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

A. This land application agreement is made on 6-24-19 between Frances B. Patton 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) with county documentation identifying owners, 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>13-A-2A1</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.

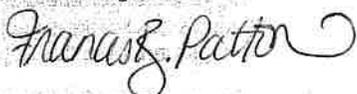
In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

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.

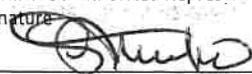
Class B biosolids Water treatment residuals Food processing waste Other industrial sludges
 Yes No Yes No Yes No Yes No

Printed name <u>Frances B. Patton</u>	Mailing Address <u>25305 Hazelwood Lane Rappahannock Academy, VA 22538</u>	Landowner Signature 
By: Title* <u>Owner</u>	Phone No. <u>540-834-7937</u>	
* <input type="checkbox"/> I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc.		
* <input type="checkbox"/> I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.		

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.

Printed name Susan Trumbo	Mailing Address PO Box 562, Remington Virginia 22734	Permittee- Authorized Representative Signature 
Title Technical Manager	Phone No. 540-547-3300	

Permittee: Recyc Systems, Inc

County or City: Caroline Co.

Landowner: Frances B. Patton

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).

Frances B. Patton

Landowner's Signature

6/24/19

Date

Douglas L. Smith

Operator's Signature

25473 Hazelwood Lane
Rapp. Acad. VA 22538
mailing address & phone

6/24/19

Date

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

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

A. This land application agreement is made on 5-16-19 between Henry F. Dietrich 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) with county documentation identifying owners, 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>12-A-26A</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

Printed name <u>Henry F. Dietrich</u>	Mailing Address <u>25070 Hazelwood Lane Rappahannock Academy, Va</u>	Landowner Signature <u>Henry F. Dietrich</u>
By:	Phone No. <u>804-742-5596</u>	
Title* <u>Owner</u>		
* <input type="checkbox"/> I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc.		
* <input type="checkbox"/> I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.		

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.

Printed name <u>Susan Trumbo</u>	Mailing Address <u>PO Box 562, Remington Virginia 22734</u>	Permittee- Authorized Representative Signature <u>[Signature]</u>
Title <u>Technical Manager</u>	Phone No. <u>540-547-3300</u>	

Permittee: Recyc Systems, Inc County or City: Caroline
Landowner: Henry F. Dietrich

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).

Henry F. Dietrich 5-16-19
Landowner's Signature - Date

Dorcas D. Barnett 25493 Hazelwood Lane
Operator's Signature mailing address & phone 5/16/19
Date

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

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

A. This land application agreement is made on 5-16-19 between Susan K. Dietrich 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) with county documentation identifying owners, 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>12-A-26A</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.

<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			

Printed name <u>Susan K. Dietrich</u>	Mailing Address <u>25070 Hazelwood Lane Rappahannock Academy, Va.</u>	Landowner Signature <u>Susan K. Dietrich</u>
By: <u>Owner</u>	Phone No. <u>804-742-5596 22538</u>	
* <input type="checkbox"/> I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc.		
* <input type="checkbox"/> I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.		

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.

Printed name Susan Trumbo	Mailing Address PO Box 562, Remington Virginia 22734	Permittee- Authorized Representative Signature <u>[Signature]</u>
Title Technical Manager	Phone No. 540-547-3300	

Permittee: Recyc Systems, Inc

County or City: Caroline Co.

Landowner: Susan K. Dietrich

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).

Susan K. Dietrich
Landowner's Signature

5-16-19
Date

Douglas L. Samets 25473 Hazelwood Lane
Operator's Signature mailing address & phone
Rappahannock, VA 22538

6/3/19
Date

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

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

A. This land application agreement is made on 8-17-15 between Margaret E. Jenkins Tr. 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			
<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>
<u>12-A-25</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.

<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			

MARGARET Jenkins x Margaret E. Jenkins PO Box 189
 Landowner - Printed Name, Title Signature Mailing Address & Phone Number
Port Royal, VA 22535

Permittee:

Recyc Systems, Inc, the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

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

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

Permittee: Recyc Systems, Inc

County or City: CARLINE

Landowner: MARGARET Jenkins

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).

X Margaret E. Jenkins
Landowner's Signature

03/17/15
Date

D. James A. Barrett
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 4-29-19 between Margaret E. Jenkins Tr. 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) with county documentation identifying owners, 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>12-A-25</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.

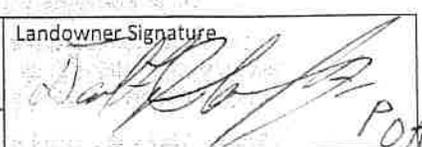
In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

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

Printed name <u>Margaret E. Jenkins Tr.</u>	Mailing Address <u>6108 JENKINS LN. PO BOX 189</u>	Landowner Signature 
By: <u>David Jenkins POA</u>	<u>PORT ROYAL VA 22535</u>	
Title* <u>Trustee / POA</u>	Phone No. <u>804-742-5044</u>	

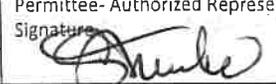
I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc.

I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.

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.

Printed name <u>Susan Trumbo</u>	Mailing Address <u>PO Box 562, Remington Virginia 22734</u>	Permittee - Authorized Representative Signature 
Title <u>Technical Manager</u>	Phone No. <u>540-547-3300</u>	

Permittee: Recyc Systems, Inc County or City: Caroline Co.
Landowner: Margaret E. Jenkins Tr.

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.

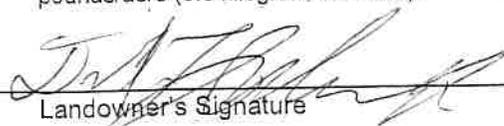
I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

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).

 POA 4/29/19
Landowner's Signature Date

A. Wayne Barnett 24099 HAZELWOOD Ln 4/29/19
Operator's Signature mailing address & phone Date

FARM DATA SHEET

SITE NAME:	James R. Garrett	COUNTY:	Caroline
OWNER:	See List Below	OPERATOR:	Douglas Garrett
OWNER'S ADDRESS:	See List Below	OPERATOR'S ADDRESS:	25473 Hazelwood Lane Rappahannock Academy, VA 22538
OWNER'S TELEPHONE:	See List Below	OPERATOR'S TELEPHONE:	804-742-5040
GENERAL FARM TYPE:	Row Crops	CELL PHONE:	540-842-0294
# CATTLE:	None	EMAIL:	<i>hazelwoodfarm@aol.com</i>
LAGOON or SLURRY:	N/A	LATITUDE:	Fields 1-15, 29 38.183 Fields 16-28 38.235
TOPO QUAD:	Port Royal Rappahannock Academy	LONGITUDE:	Fields 1-15, 29 -77.219 Fields 16-28 -77.360
COMMENTS:	METHOD OF DETERMINATION:		Online Maps
Fields 14 and 15 are to be cleared in the near future for an irrigation system.			
Field 1: L. Garrett Camden J. and Frances B. Patton 25473 Hazelwood Lane Rappahannock Academy, VA 22538	Fields 2, 4-7 and portion of 11: James R. Garrett 24497 Hazelwood Lane Rappahannock Academy, VA 22538 804-742-5740	Fields 8-15: Cory D. Garrett Field 16-28: Cory D. and Rebekah Jo Garrett 25119 Hazelwood Lane Rappahannock Academy, VA 22538 540-846-1869	
Field 3: Margaret E. Jenkins Tr. P.O. Box 189 Port Royal, VA 22535 804-742-5044	Field 29: Henry F. and Susan K. Dietrick 24497 Hazelwood Lane Rappahannock Academy, VA 22538 804-742-5596		

SD

5-6-19

**James R Garrett
Caroline County
Field Id Changes**

the James R Garrett site book combines the James R Garrett Site and the James A Gouldin Jr Site

<u>Old Field ID</u>	<u>New Field Id</u>	<u>Old Field ID</u>	<u>New Field Id</u>
CRJRG-01	CRJRG-01	CRJRG-17	CRJRG-29
CRJRG-02	CRJRG-02	CRJAG-01	CRJRG-16
CRJRG-03	CRJRG-03	CRJAG-02	CRJRG-19
CRJRG-04	CRJRG-04	CRJAG-03	CRJRG-17
CRJRG-05	CRJRG-05	CRJAG-05	CRJRG-20
CRJRG-06	CRJRG-06	CRJAG-06	CRJRG-21
CRJRG-07	CRJRG-07	CRJAG-06	CRJRG-22
CRJRG-08	CRJRG-08	CRJAG-07	CRJRG-18
CRJRG-09	CRJRG-09	CRJAG-08	CRJRG-24
CRJRG-10	CRJRG-10	CRJAG-09	CRJRG-23
CRJRG-11	CRJRG-11	CRJAG-11	CRJRG-25
CRJRG-12	CRJRG-12	CRJAG-13	CRJRG-26
CRJRG-13	CRJRG-13	CRJAG-14	CRJRG-25
new field	CRJRG-14	CRJAG-15	CRJRG-27
new field	CRJRG-15	CRJAG-16	CRJRG-28

**James R Garrett
Caroline County
Field Id Changes**

the James R Garrett site book combines the James R Garrett Site and the James A Gouldin Jr Site

<u>Old Field ID</u>	<u>New Field Id</u>	<u>Old Field ID</u>	<u>New Field Id</u>
CRJRG-01	CRJRG-01	CRJRG-17	CRJRG-29
CRJRG-02	CRJRG-02	CRJAG-01	CRJRG-16
CRJRG-03	CRJRG-03	CRJAG-02	CRJRG-19
CRJRG-04	CRJRG-04	CRJAG-03	CRJRG-17
CRJRG-05	CRJRG-05	CRJAG-05	CRJRG-20
CRJRG-06	CRJRG-06	CRJAG-06	CRJRG-21
CRJRG-07	CRJRG-07	CRJAG-06	CRJRG-22
CRJRG-08	CRJRG-08	CRJAG-07	CRJRG-18
CRJRG-09	CRJRG-09	CRJAG-08	CRJRG-24
CRJRG-10	CRJRG-10	CRJAG-09	CRJRG-23
CRJRG-11	CRJRG-11	CRJAG-11	CRJRG-25
CRJRG-12	CRJRG-12	CRJAG-13	CRJRG-26
CRJRG-13	CRJRG-13	CRJAG-14	CRJRG-25
new field	CRJRG-14	CRJAG-15	CRJRG-27
new field	CRJRG-15	CRJAG-16	CRJRG-28

**JAMES R. GARRETT
CAROLINE COUNTY
NEW FIELD CHANGES**

FIELDS 1-13 ARE THE SAME AS OLD FIELD 1-13 IN THE JAMES R. GARRETT SITE BOOK.

FIELD 14 AND 15 ARE PRESENTLY WOODED AND ARE TO BE CLEARED IN THE NEAR FUTURE FOR AN IRRIGATION SYSTEM.

FIELD 16 WAS OLD FIELD #1 IN THE JAMES A. GOULDIN, JR. SITE BOOK.

FIELD 17 WAS OLD FIELD #3 IN THE JAMES A. GOULDIN, JR. SITE BOOK.

FIELD 18 WAS OLD FIELD #7 IN THE JAMES A. GOULDIN, JR. SITE BOOK.

FIELD 19 WAS OLD FIELD #2 IN THE JAMES A. GOULDIN, JR. SITE BOOK.

FIELD 20 WAS OLD FIELD #5 IN THE JAMES A. GOULDIN, JR. SITE BOOK.

FIELD 21 AND 22 WAS OLD FIELD #6 IN THE JAMES A. GOULDIN, JR. SITE BOOK.

FIELD 23 WAS OLD FIELD #9 IN THE JAMES A. GOULDIN, JR. SITE BOOK.

FIELD 24 WAS OLD FIELD #8 IN THE JAMES A. GOULDIN, JR. SITE BOOK.

FIELD 25 WAS OLD FIELDS #11 AND 14 IN THE JAMES A. GOULDIN, JR. SITE BOOK.

FIELD 26 WAS OLD FIELD #13 IN THE JAMES A. GOULDIN, JR. SITE BOOK.

FIELD 27 WAS OLD FIELD #15 IN THE JAMES A. GOULDIN, JR. SITE BOOK.

FIELD 28 WAS OLD FIELDS #14 AND 16 IN THE JAMES A. GOULDIN, JR. SITE BOOK.

FIELD 29 WAS OLD FIELD #17 IN THE JAMES R. GARRETT SITE BOOK.

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			
CRJRG-01	19.8	-	-	-	-	RA 51	13-A-2A 13-A-2A1	T 3610 F 1, 2, 13
CRJRG-02	44.4	-	-	-	-	RA 51	13-A-2	T 3609 F 1
CRJRG-03	30.0	-	-	-	-	RA 51	13-A-25	T 1881 F 1
CRJRG-04	14.5	-	-	-	-	RA 51	12-A-37A	T 2760 F 2
CRJRG-05	44.6	28A Nov.-June	-	-	28A Nov.-June	RA 51	12-A-37A	T 2760 F 3
CRJRG-06	15.5	1B Dec.-Apr.	-	-	-	RA 51	12-A-37A	T 2760 F 4
CRJRG-07	23.9	1A Dec.-Apr. 1B Dec.-Apr.	-	-	-	RA 51	12-A-37A	T 2760 F 5

steele

Field Identification	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map #	FSA Tract #
		Water Table	Bed Rock/ Shallow	Surf/ Leach	Freq Flood			
CRJRG-08	7.1	1A Dec.-Apr.	-	-	-	RA 51	12-A-37B	T 2759 F 6
CRJRG-09	18.8	1A Dec.-Apr. 1B Dec.-Apr.	-	-	-	RA 51	12-A-37B	T 2759 F 5
CRJRG-10	11.8	1A Dec.-Apr. 1B Dec.-Apr.	-	-	-	RA 51	12-A-37B	T 2759 F 4
CRJRG-11	29.5	1A Dec.-Apr. 1B Dec.-Apr.	-	-	-	RA 51	12-A-37B	T 2759 F 2
CRJRG-12	44.5	1A Dec.-Apr. 1B Dec.-Apr.	-	-	-	RA 51	12-A-37B	T 2759 F 1
CRJRG-13	18.0	1A Dec.-Apr. 1B Dec.-Apr.	-	-	-	RA 51	12-A-37B	T 2759 F 3
CRJRG-14N	32.1	1A Dec.-Apr. 1B Dec.-Apr. 13E Dec.-Apr.	-	-	-	RA 51	12-A-37B	T 2759 F 0
CRJRG-15N	19.9	1A Dec.-Apr.	-	-	-	RA 51	12-A-37B	T 2759 F 0
CRJRG-16N	8.4	1A Dec.-Apr.	-	-	-	RA 48	3-A-11	T 1861 F 1
CRJRG-17N	22.0	1A Dec.-Apr.	-	-	-	RA 48	3-A-11	T 1861 F 3
CRJRG-18	18.0	1A Dec.-Apr.	-	-	-	RA 48	3-A-11	T 1861 F 7
CRJRG-19	19.7	1A Dec.-Apr.	-	-	-	RA 48	3-A-11	T 1861 F 2, 4

staab

Field Identification	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map #	FSA Tract #
		Water Table	Bed Rock/ Shallow	Surf/ Leach	Freq Flood			
CRJRG-20	15.8	1A Dec.-Apr.	-	-	-	RA 48	3-A-11	T 1861 F 5
CRJRG-21	15.6	1A Dec.-Apr.	-	-	-	RA 48	3-A-11	T 1861 F 6
CRJRG-22	6.5	1A Dec.-Apr.	-	-	-	RA 48	3-A-11	T 1861 F 10
CRJRG-23	17.3	1A Dec.-Apr.	-	-	-	RA 48	3-A-11	T 1861 F 9
CRJRG-24	14.3	1A Dec.-Apr.	-	-	-	RA 48	3-A-11	T 1861 F 8
CRJRG-25	19.7	1A Dec.-Apr. 26A Nov.-May	-	-	-	RA 48	3-A-11	T 1861 F 11
CRJRG-26	30.9	1A Dec.-Apr.	-	-	-	RA 48	3-A-11	T 1861 F 12, 13
CRJRG-27	56.9	-	-	-	-	RA 48	3-A-11	T 1861 F 15
CRJRG-28	27.4	26A Nov.-May	-	-	-	RA 48	3-2-7A 3-2-8	T 1861 F 16
CRJRG-29	7.3	-	-	-	-	RA 51	12-A-26A	T 2974 F 1
TOTAL ACRES IN SITE	654.2							

5/22/2020

THE PLANNER IS NOT STATE CERTIFIED

**Nutrient Management Plan Balance Sheet
(Spring, 2019-Summer, 2021)**

**James R. Garrett
Planner: John Doe**

Tract: 1861

Location: Caroline

(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/CRJRG 16(N)	8/8	2019	Corn (grain)	180-60-60	20/0				160-60-60	N/A		
3/CRJRG 17(N)	22/22	2019	Corn (grain)	180-60-80	20/0				160-60-80	N/A		
7/CRJRG 18(N)	18/18	2019	Corn (grain)	180-20-80	20/0				160-20-80	N/A		
2, 4/CRJRG 19(1P)	20/20	2019	Wheat (grain)	100-60-60	0/0				100-60-60	33		
5/CRJRG 20(1P)	16/16	2019	Wheat (grain)	100-0-80	0/0				100-0-80	33		
6/CRJRG 21(N)	16/16	2019	Wheat (grain)	100-20-80	0/0				100-20-80	N/A		
10/CRJRG 22(N)	7/7	2019	Wheat (grain)	100-20-80	0/0				100-20-80	N/A		
9/CRJRG 23(1P)	17/17	2019	Corn (grain)	180-0-100	20/0				160-0-100	68		
8/CRJRG 24(N)	14/14	2019	Corn (grain)	180-20-100	20/0				160-20-100	N/A		
11/CRJRG 25(N)	20/20	2019	Corn (grain)	170-60-80	20/0				150-60-80	N/A		
12, 13/CRJRG 26(N)	31/31	2019	Corn (grain)	180-60-40	20/0				160-60-40	N/A		
15/CRJRG 27(N)	57/57	2019	Soybeans (FS)	0-30-40	0/0				0-30-40	N/A		
16/CRJRG 28(N)	27/27	2019	Corn (grain)	170-60-80	20/0				150-60-80	N/A		

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 1881 Location: Caroline
 (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/Biosid 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/CRJRG 3(N)	30/30	2019	Soybeans (FS)	0-30-40	0/0				0-30-40	N/A		

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

Tract: 2759

Location: Caroline

(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
6/CRJRG 8(N)	7/7	2019	Soybeans (FS)	0-30-60	0/0				0-30-60	N/A		
5/CRJRG 9(N)	19/19	2019	Corn (grain)	180-40-80	20/0				160-40-80	N/A		
4/CRJRG 10(N)	12/12	2019	Soybeans (FS)	0-30-80	0/0				0-30-80	N/A		
2/CRJRG 11(N)	30/30	2019	Soybeans (FS)	0-30-40	0/0				0-30-40	N/A		
1/CRJRG 12(N)	45/45	2019	Corn (grain)	180-40-80	20/0				160-40-80	N/A		
3/CRJRG 13(N)	18/18	2019	Soybeans (FS)	0-30-40	0/0				0-30-40	N/A		
0/CRJRG 14(N)	32/32	2019	Soybeans (FS)	0-60-60	0/0				0-60-60	N/A		
0/CRJRG 15(N)	20/20	2019	Soybeans (FS)	0-60-60	0/0				0-60-60	N/A		

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 2760

Location: Caroline

(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/Biosid 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
2/CRJRG 4(N)	15/15	2019	Corn (grain)	180-40-60	20/0				160-40-60	N/A		
3/CRJRG 5(N)	45/45	2019	Soybeans (FS)	0-40-40	0/0				0-40-40	N/A		
4/CRJRG 6(N)	16/16	2019	Corn (grain)	180-80-80	20/0				160-80-80	N/A		
5/CRJRG 7(N)	24/24	2019	Corn (grain)	170-60-80	20/0				150-60-80	N/A		

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 2974

Location: Caroline

(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/Biosid 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/CRJRG 29(1P)	7/7	2019	Corn (grain)	140-60-60	20/0				120-60-60	55		

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 3609 Location: Caroline
 (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/Biosid 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/CRJRG 2(N)	44/44	2019	Soybeans (FS)	0-40-40	0/0				0-40-40	N/A		

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

Tract: 3610

Location: Caroline

(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/Biosid 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, 2, 13/CRJRG 1(N)	20/20	2019	Soybeans (FS)	0-20-40	0/0				0-20-40	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
1861	CRJRG 16	8	2017-Wi	H- (61 P ppm)	H- (125 K ppm)	A&L MIII	6.4		
1861	CRJRG 17	22	2017-Wi	H- (68 P ppm)	M (97 K ppm)	A&L MIII	6.6		
1861	CRJRG 18	18	2017-Wi	H+ (126 P ppm)	M (79 K ppm)	A&L MIII	6.8		
1861	CRJRG 19	20	2019-Wi	VH (144 P ppm)	M (91 K ppm)	A&L MIII	6.2		
1861	CRJRG 20	16	2017-Wi	VH (138 P ppm)	L+ (51 K ppm)	A&L MIII	7.		
1861	CRJRG 21	16	2017-Wi	H+ (116 P ppm)	L+ (44 K ppm)	A&L MIII	6.6		
1861	CRJRG 22	7	2017-Wi	H+ (116 P ppm)	L+ (44 K ppm)	A&L MIII	6.6		
1861	CRJRG 23	17	2017-Wi	VH (153 P ppm)	M- (65 K ppm)	A&L MIII	6.7		
1861	CRJRG 24	14	2017-Wi	H+ (110 P ppm)	M- (64 K ppm)	A&L MIII	7.1		
1861	CRJRG 25	20	2017-Wi	H- (51 P ppm)	M (96 K ppm)	A&L MIII	6.6		
1861	CRJRG 26	31	2015-Wi	H- (57 P ppm)	H (169 K ppm)	A&L MIII	6.6		
1861	CRJRG 27	57	2017-Wi	H (75 P ppm)	H- (129 K ppm)	A&L MIII	6.7		
1861	CRJRG 28	27	2015-Wi	M+ (40 P ppm)	M (103 K ppm)	A&L MIII	6.3		
1881	CRJRG 3	30	2016-Wi	H (82 P ppm)	M+ (116 K ppm)	A&L MIII	6.6		
2759	CRJRG 8	7	2015-Wi	H (101 P ppm)	M (86 K ppm)	A&L MIII	6.9		
2759	CRJRG 9	19	2015-Wi	H (91 P ppm)	M (73 K ppm)	A&L MIII	7.1		
2759	CRJRG 10	12	2015-Wi	H (69 P ppm)	M- (63 K ppm)	A&L MIII	6.8		
2759	CRJRG 11	30	2017-Wi	H (83 P ppm)	H- (140 K ppm)	A&L MIII	6.9		
2759	CRJRG 12	45	2017-Wi	H (94 P ppm)	M (104 K ppm)	A&L MIII	6.6		
2759	CRJRG 13	18	2017-Wi	H (69 P ppm)	M+ (120 K ppm)	A&L MIII	6.7		
2759	CRJRG 14	32	[No Test]						
2759	CRJRG 15	20	[No Test]						
2760	CRJRG 4	15	2015-Wi	H (82 P ppm)	H- (128 K ppm)	A&L MIII	6.7		
2760	CRJRG 5	45	2017-Wi	H- (58 P ppm)	M+ (108 K ppm)	A&L MIII	6.3		
2760	CRJRG 6	16	2016-Wi	M (38 P ppm)	M (87 K ppm)	A&L MIII	6.3		
2760	CRJRG 7	24	2016-Wi	H- (52 P ppm)	M (95 K ppm)	A&L MIII	6.3		
2974	CRJRG 29	7	2019-Wi	VH (131 P ppm)	H- (126 K ppm)	A&L MIII	6.5		
3609	CRJRG 2	44	2017-Wi	H- (64 P ppm)	H- (147 K ppm)	A&L MIII	6.4		
3610	CRJRG 1	20	2017-Wi	H+ (122 P ppm)	M+ (119 K ppm)	A&L MIII	6.7		

Field Productivities for Major Crops

Tract Name	Tract/ Field	Field Name	Acres	Predominant Soil Series	Corn	Small Grain	Alfalfa	Grass Hay	Environmental Warnings
1861	1861/1	CRJRG 16	8	Wickham	la				
	1861/3	CRJRG 17	22	Wickham	la				
	1861/7	CRJRG 18	18	Altavista	la				
	1861/2, 4	CRJRG 19	20	Wickham	la				
	1861/5	CRJRG 20	16	Altavista	la				
	1861/6	CRJRG 21	16	Altavista	la				
	1861/10	CRJRG 22	7	Altavista	la				
	1861/9	CRJRG 23	17	Altavista	la				
	1861/8	CRJRG 24	14	Altavista	la				
	1861/11	CRJRG 25	20	Wickham	lb				
	1861/12,	CRJRG 26	31	Wickham	la				
	13								
		1861/15	CRJRG 27	57	Wickham	la			
	1861/16	CRJRG 28	27	Wickham	lb				
1881	1881/1	CRJRG 3	30	Wickham	la				
2759	2759/6	CRJRG 8	7	Wickham	la				
	2759/5	CRJRG 9	19	Altavista	la				
	2759/4	CRJRG 10	12	Altavista	la				
	2759/2	CRJRG 11	30	Altavista	la				
	2759/1	CRJRG 12	45	Altavista	la				
	2759/3	CRJRG 13	18	Altavista	la				
	2759/0	CRJRG 14*	32	Altavista	IIla				High Leaching, High Slope
	2759/0	CRJRG 15	20	Altavista	la				
2760	2760/2	CRJRG 4	15	Wickham	la				
	2760/3	CRJRG 5	45	Wickham	la				
	2760/4	CRJRG 6	16	Wickham	la				
	2760/5	CRJRG 7	24	Wickham	lb				
2974	2974/1	CRJRG 29*	7	Wickham	IIla				High Leaching
3609	3609/1	CRJRG 2*	44	Wickham	IIla				High Leaching
3610	3610/1, 2, 1	CRJRG 1*	20	Bojac1	IVb		Not Suited		High Leaching

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

Yield Range

Field Productivity Group	Corn Grain Bu/Acre	Barley/Intensive Wheat Bu/Acre	Std. Wheat Bu/Acre	Alfalfa Tons/Acre	Grass/Hay Tons/Acre
I	>170	>80	>64	>6	>4.0
II	150-170	70-80	56-64	4-6	3.5-4.0
III	130-150	60-70	48-56	<4	3.0-3.5
IV	100-130	50-60	40-48	NA	<3.0
V	<100	<50	<40	NA	NA

Farm Summary Report

Plan: New Plan Spring, 2019 - Summer, 2021

Farm Name: James R. Garrett

Location: Caroline

Specialist: John Doe

N-based Acres: 594.1

P-based Acres: 60.1

Tract Name: 1861

FSA Number: 1861

Location: Caroline

Field Name: CRJRG 16

Total Acres: 8.40 Usable Acres: 8.40

FSA Number: 1

Tract: 1861

Location: Caroline

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
Wi-2017	6.4	H-(61 P ppm)	H-(125 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
70	29B	Wickham
30	1A	Altavista

Field Warnings:

Field Name: CRJRG 17
Total Acres: 22.00 Usable Acres: 22.00
FSA Number: 3
Tract: 1861
Location: Caroline
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
Wi-2017	6.6	H-(68 P ppm)	M(97 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
35	1A	Altavista
65	29B	Wickham

Field Warnings:

Field Name: CRJRG 18
Total Acres: 18.00 Usable Acres: 18.00
FSA Number: 7
Tract: 1861
Location: Caroline
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
Wi-2017	6.8	H+(126 P ppm)	M(79 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
31	29B	Wickham
3	13E	Nevarc
66	1A	Altavista

Field Warnings:

Field Name: CRJRG 19

Total Acres: 19.70 Usable Acres: 19.70

FSA Number: 2, 4

Tract: 1861

Location: Caroline

Slope Class: B Hydrologic Group: C

Riparian buffer width: 0 ft

Distance to stream: 0 ft

P-Index Summary

P-based(1.0)

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K		Lab
Wi-2019	6.2	VH(144 P ppm)	M(91 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
46	1A	Altavista

5 29A Wickham
50 29B Wickham

Field Warnings:

Field Name: **CRJRG 20**
Total Acres: 15.80 Usable Acres: 15.80
FSA Number: 5
Tract: 1861
Location: Caroline
Slope Class: A Hydrologic Group: C

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

P-Index Summary

P-based(1.0)
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K		Lab
Wi-2017	7.0	VH(138 P ppm)	L+(51 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
34	29B	Wickham
66	1A	Altavista

Field Warnings:

Field Name: **CRJRG 21**
Total Acres: 15.60 Usable Acres: 15.60
FSA Number: 6
Tract: 1861
Location: Caroline
Slope Class: A 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
Wi-2017	6.6	H+(116 P ppm)	L+(44 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
85	1A	Altavista
15	29A	Wickham

Field Warnings:

Field Name: CRJRG 22

Total Acres: 6.50 Usable Acres: 6.50

FSA Number: 10

Tract: 1861

Location: Caroline

Slope Class: A 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
Wi-2017	6.6	H+(116 P ppm)	L+(44 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
40	29A	Wickham
60	1A	Altavista

Field Warnings:

Field Name: CRJRG 23
 Total Acres: 17.30 Usable Acres: 17.30
 FSA Number: 9
 Tract: 1861
 Location: Caroline
 Slope Class: A Hydrologic Group: C

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

P-Index Summary

P-based(1.0)
 Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
Wi-2017	6.7	VH(153 P ppm)	M-(65 K ppm)	A&L MIII

Soils:

PERCENT	SYMBOL	SOIL SERIES
91	1A	Altavista
3	29A	Wickham
6	29B	Wickham

Field Warnings:

Field Name: CRJRG 24
 Total Acres: 14.30 Usable Acres: 14.30
 FSA Number: 8
 Tract: 1861
 Location: Caroline
 Slope Class: A 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
Wi-2017	7.1	H+(110 P ppm)	M-(64 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
14	29B	Wickham
86	1A	Altavista

Field Warnings:

Field Name: CRJRG 25

Total Acres: 19.70 Usable Acres: 19.70

FSA Number: 11

Tract: 1861

Location: Caroline

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
Wi-2017	6.6	H-(51 P ppm)	M(96 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
44	1A	Altavista
9	26A	Roanoke Tomotley
47	29B	Wickham

Field Warnings:

Field Name: CRJRG 26

Total Acres: 30.90 Usable Acres: 30.90

FSA Number: 12, 13

Tract: 1861

Location: Caroline

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
Wi-2015	6.6	H-(57 P ppm)	H(169 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
84	29B	Wickham
12	29A	Wickham
4	1A	Altavista

Field Warnings:

Field Name: CRJRG 27

Total Acres: 56.90 Usable Acres: 56.90

FSA Number: 15

Tract: 1861
Location: Caroline
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
Wi-2017	6.7	H(75 P ppm)	H-(129 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
57	29A	Wickham
43	29B	Wickham

Field Warnings:

Field Name: CRJRG 28

Total Acres: 27.40 Usable Acres: 27.40
FSA Number: 16
Tract: 1861
Location: Caroline
Slope Class: A 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:

Field Warnings:

Tract Name: 2759
FSA Number: 2759
Location: Caroline

Field Name: CRJRG 8
Total Acres: 7.10 **Usable Acres:** 7.10
FSA Number: 6
Tract: 2759
Location: Caroline
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
Wi-2015	6.9	H(101 P ppm)	M(86 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
91	29B	Wickham
1	1B	Altavista
7	1A	Altavista

Field Warnings:

Field Name: CRJRG 9
Total Acres: 18.80 **Usable Acres:** 18.80
FSA Number: 5
Tract: 2759
Location: Caroline

Slope Class: A 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
Wi-2015	7.1	H(91 P ppm)	M(73 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
65	1A	Altavista
10	1B	Altavista
25	29B	Wickham

Field Warnings:

Field Name: CRJRG 10

Total Acres: 11.80 Usable Acres: 11.80

FSA Number: 4

Tract: 2759

Location: Caroline

Slope Class: A 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
------	----	---	---	--	-----

Wi-2015 6.8 H(69 P ppm) M-(63 K ppm) A&L MIII

Soils:

PERCENT	SYMBOL	SOIL SERIES
83	1A	Altavista
17	1B	Altavista

Field Warnings:

Field Name: **CRJRG 11**

Total Acres: 29.50 Usable Acres: 29.50

FSA Number: 2

Tract: 2759

Location: Caroline

Slope Class: A 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
Wi-2017	6.9	H(83 P ppm)	H-(140 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
3	1B	Altavista
74	1A	Altavista
24	29B	Wickham

Field Warnings:

Field Name: **CRJRG 12**

Total Acres: 44.50 Usable Acres: 44.50

FSA Number: 1
Tract: 2759
Location: Caroline
Slope Class: A 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
Wi-2017	6.6	H(94 P ppm)	M(104 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
85	1A	Altavista
15	1B	Altavista

Field Warnings:

Field Name: CRJRG 13
Total Acres: 18.00 Usable Acres: 18.00
FSA Number: 3
Tract: 2759
Location: Caroline
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
Wi-2017	6.7	H(69 P ppm)	M+(120 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
62	1B	Altavista
38	1A	Altavista

Field Warnings:

Field Name: CRJRG 14

Total Acres: 32.10 Usable Acres: 32.10

FSA Number: 0

Tract: 2759

Location: Caroline

Slope Class: D 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
33	1B	Altavista
47	10E	Emporia Kempsville Remlik
10	11C	Emporia Kempsville
10	13E	Nevarc

Field Warnings:

Environmentally Sensitive Soils due to:

Soils with potential for leaching based on soil texture or excessive drainage

Soils with perent slope in excess of 15%

Field Name: CRJRG 15
Total Acres: 19.90 Usable Acres: 19.90
FSA Number: 0
Tract: 2759
Location: Caroline
Slope Class: A 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
94	1A	Altavista
6	29B	Wickham

Field Warnings:

Tract Name: 2760
FSA Number: 2760
Location: Caroline

Field Name: CRJRG 4
Total Acres: 14.50 Usable Acres: 14.50

FSA Number: 2
Tract: 2760
Location: Caroline
Slope Class: A 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
Wi-2015	6.7	H(82 P ppm)	H-(128 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
34	29B	Wickham
66	29A	Wickham

Field Warnings:

Field Name: CRJRG 5

Total Acres: 44.60 Usable Acres: 44.60

FSA Number: 3

Tract: 2760

Location: Caroline

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

Field Name: CRJRG 7

Total Acres: 23.90 Usable Acres: 23.90

FSA Number: 5

Tract: 2760

Location: Caroline

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
Wi-2016	6.3	H-(52 P ppm)	M(95 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
6	1B	Altavista
4	1A	Altavista
14	5B	Bojac1
46	29A	Wickham
29	29B	Wickham

Field Warnings:

Tract Name: 2974

FSA Number: 2974

Location: Caroline

Field Name: CRJRG 29

Total Acres: 7.30 Usable Acres: 7.30

FSA Number: 1

Tract: 2974

Location: Caroline

Slope Class: B Hydrologic Group: C

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

P-Index Summary

P-based(1.0)

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K		Lab
Wi-2019	6.5	VH(131 P ppm)	H-(126 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
45	5B	Bojac1
55	29B	Wickham

Field Warnings:

Environmentally Sensitive Soils due to:

Soils with potential for leaching based on soil texture or excessive drainage

Tract Name: 3609

FSA Number: 3609

Location: Caroline

Field Name: CRJRG 2

Total Acres: 44.40 Usable Acres: 44.40

FSA Number: 1

Tract: 3609

Location: Caroline

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
Wi-2017	6.4	H-(64 P ppm)	H-(147 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
34	29A	Wickham
21	29B	Wickham
45	5B	Bojac1

Field Warnings:

Environmentally Sensitive Soils due to:

Soils with potential for leaching based on soil texture or excessive drainage

Tract Name: 3610

FSA Number: 3610

Location: Caroline

Field Name: CRJRG 1

Total Acres: 19.80 Usable Acres: 19.80

FSA Number: 1, 2, 13

Tract: 3610

Location: Caroline

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
Wi-2017	6.7	H+(122 P ppm)	M+(119 K ppm)	A&L MIII	

Soils:

PERCENT	SYMBOL	SOIL SERIES
90	5B	Bojac1
10	29A	Wickham

Field Warnings:

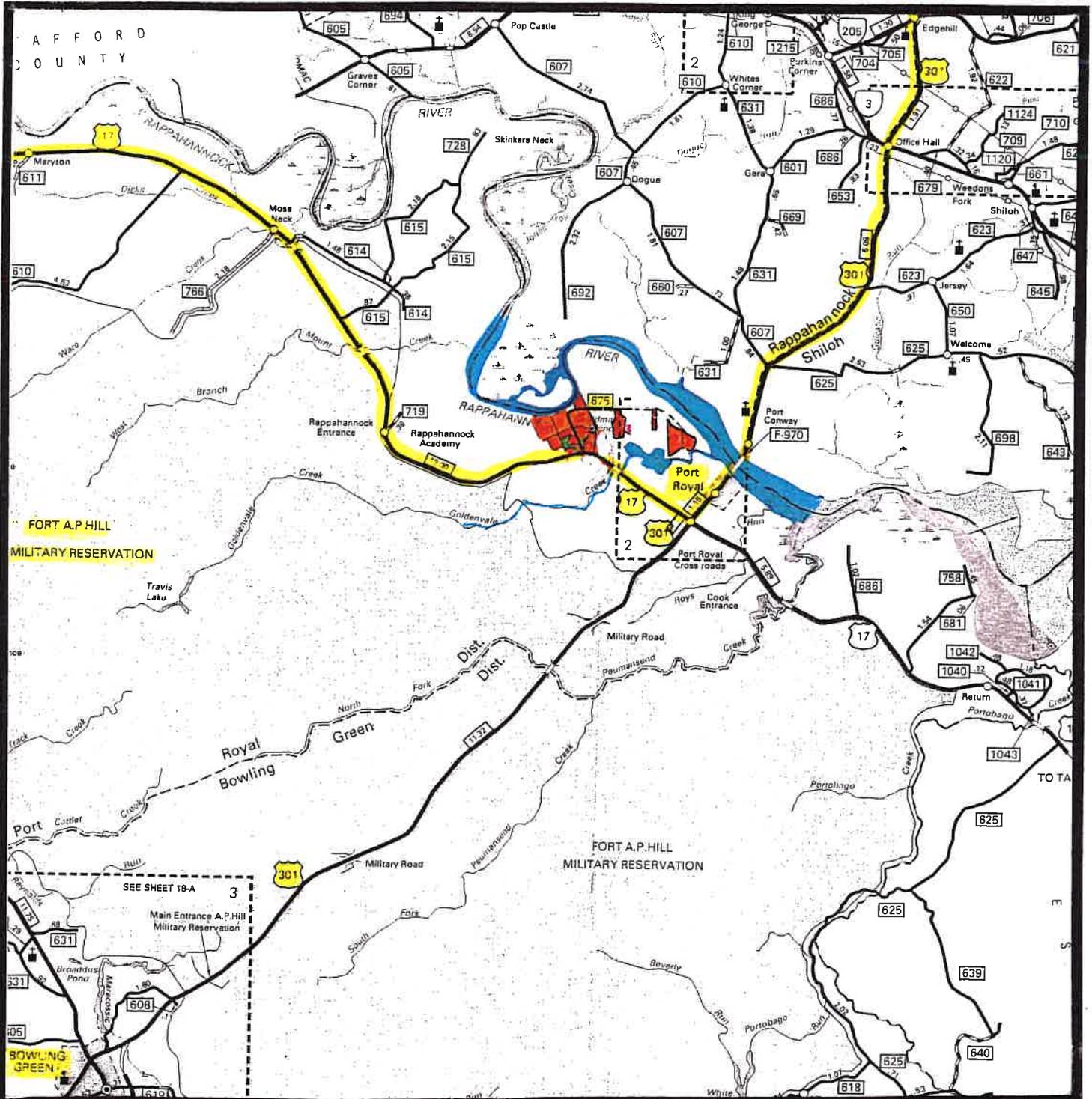
Environmentally Sensitive Soils due to:

Soils with potential for leaching based on soil texture or excessive drainage

MAPS

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1" = 2 miles

Truck Route marked
in Yellow

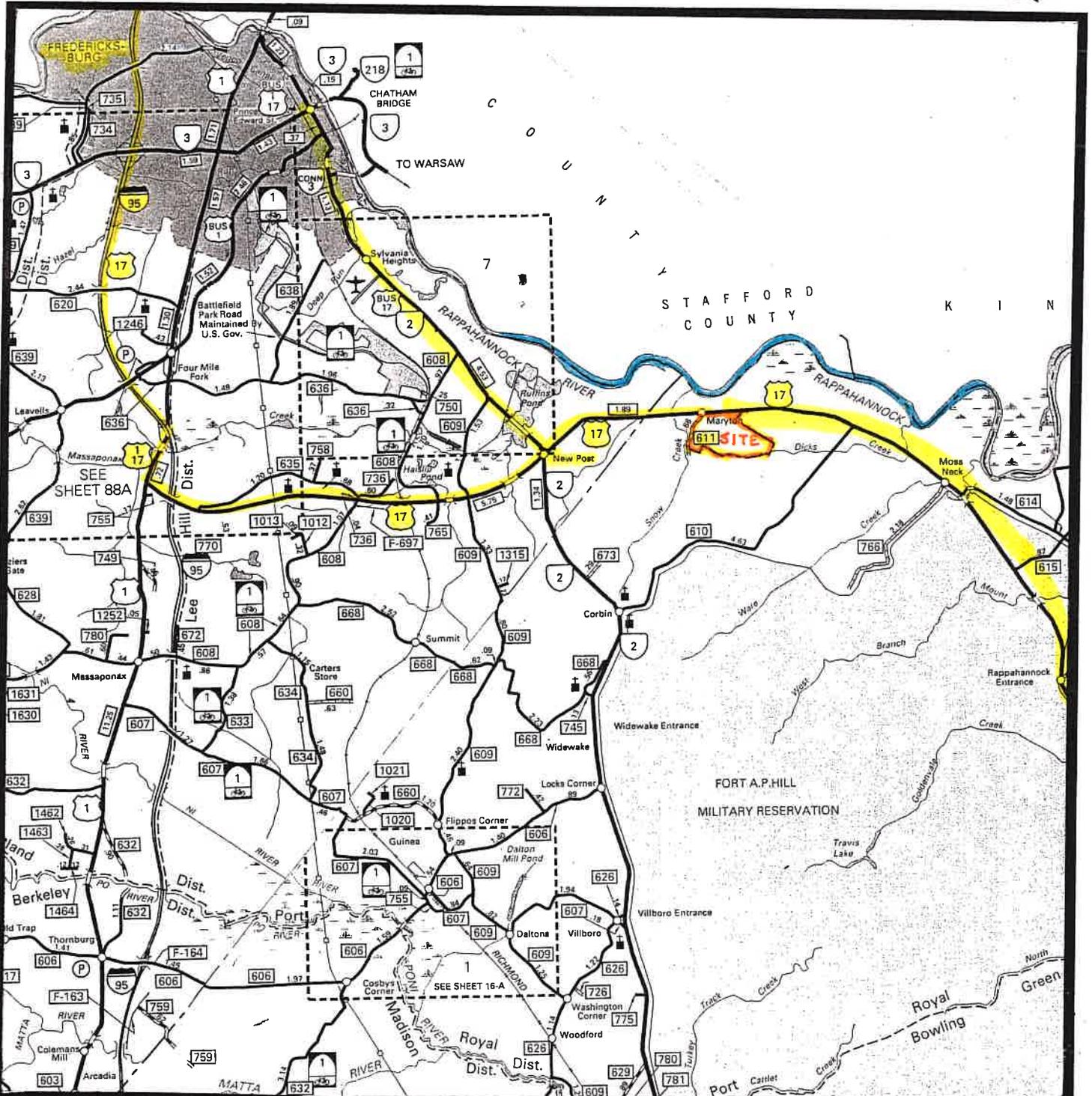
VICINITY MAP



5-6-19

Recyc Systems™ Inc.

(Biosolids Land Application)



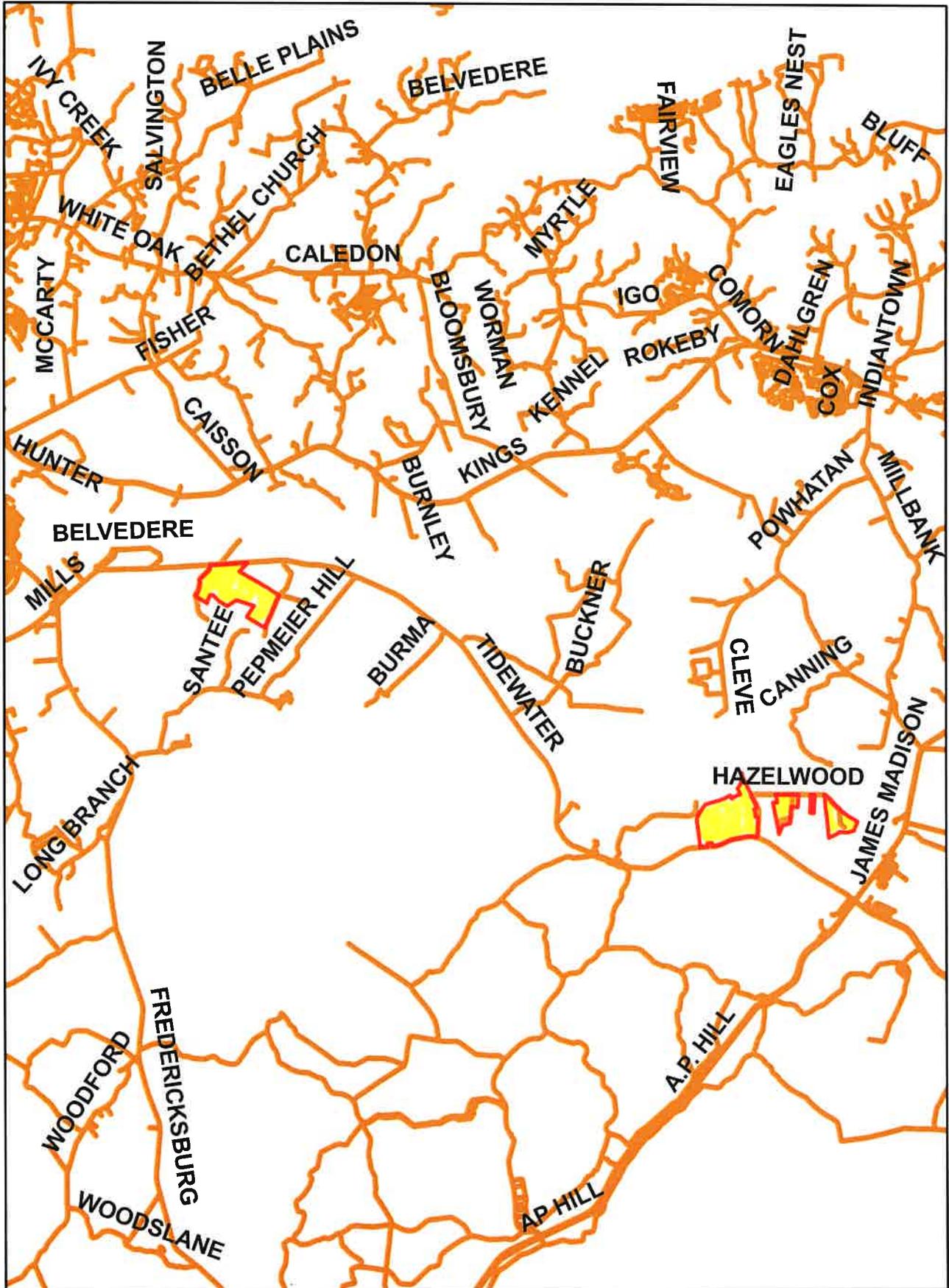
Scale: 1" = 2 miles

Truck Route marked
in Yellow

VICINITY MAP

5-6-19



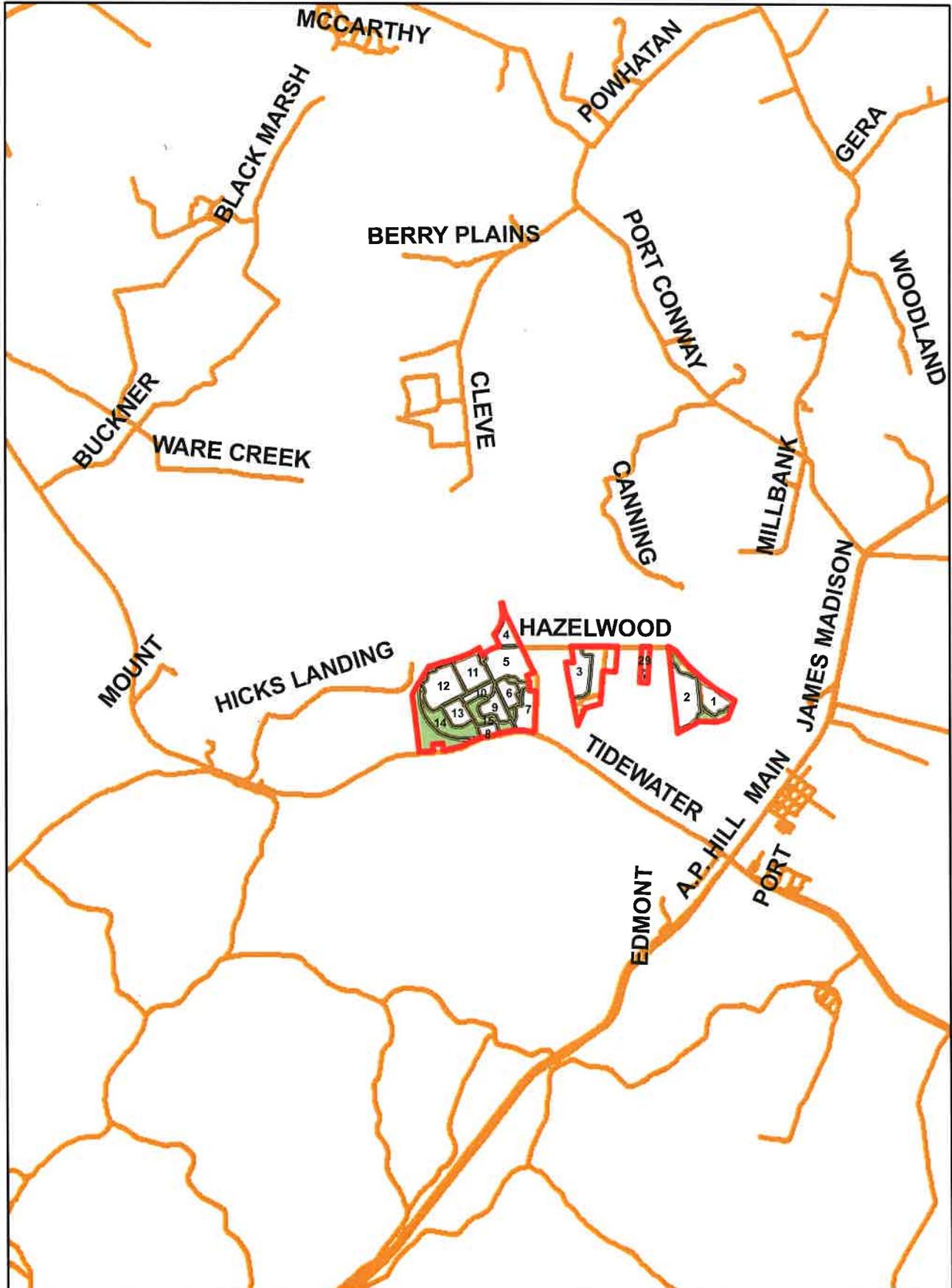


5-6-19

VICINITY MAP

1 in = 2 miles



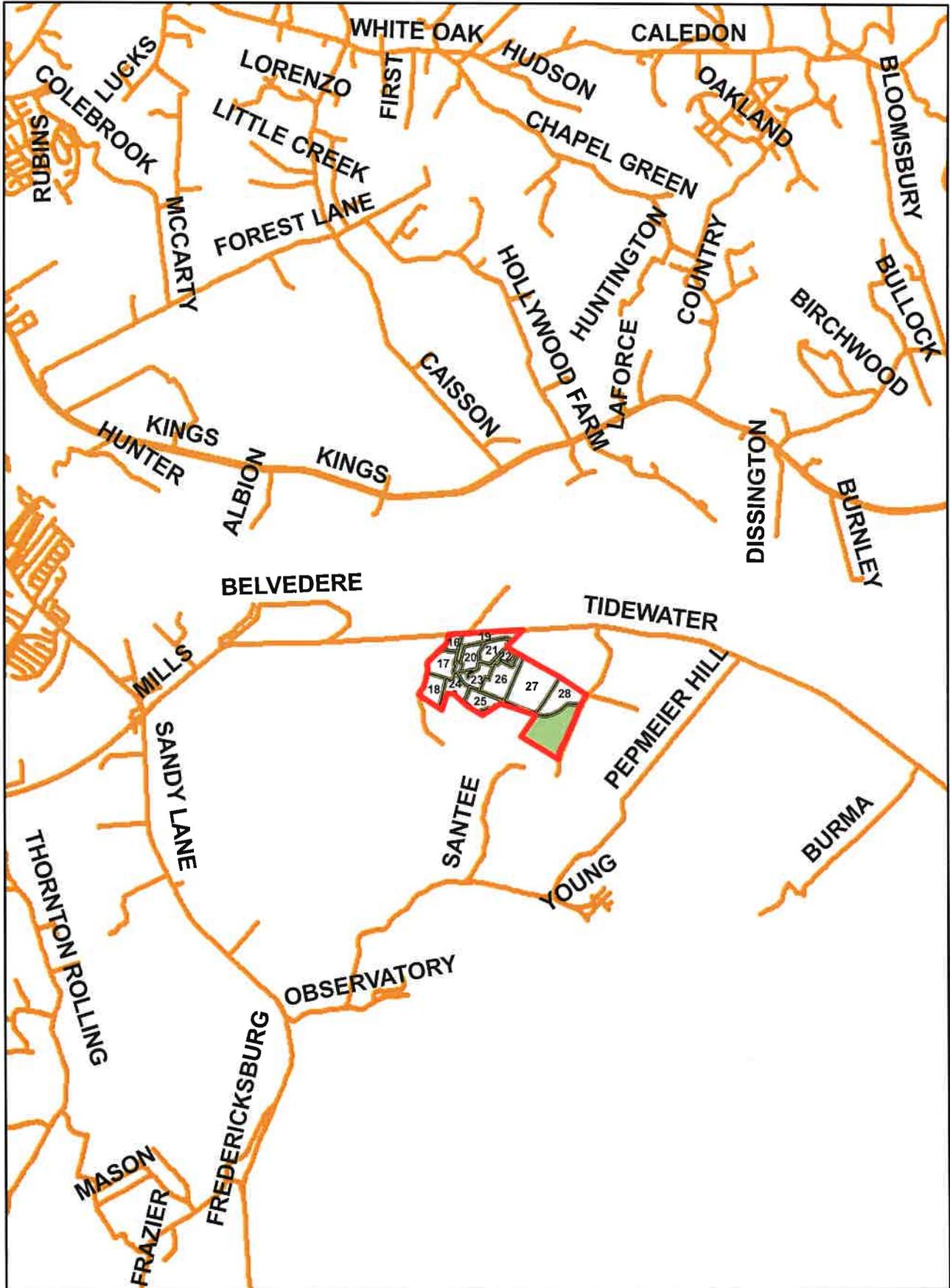


5-6-19

VICINITY MAP

1 in = 1 mile



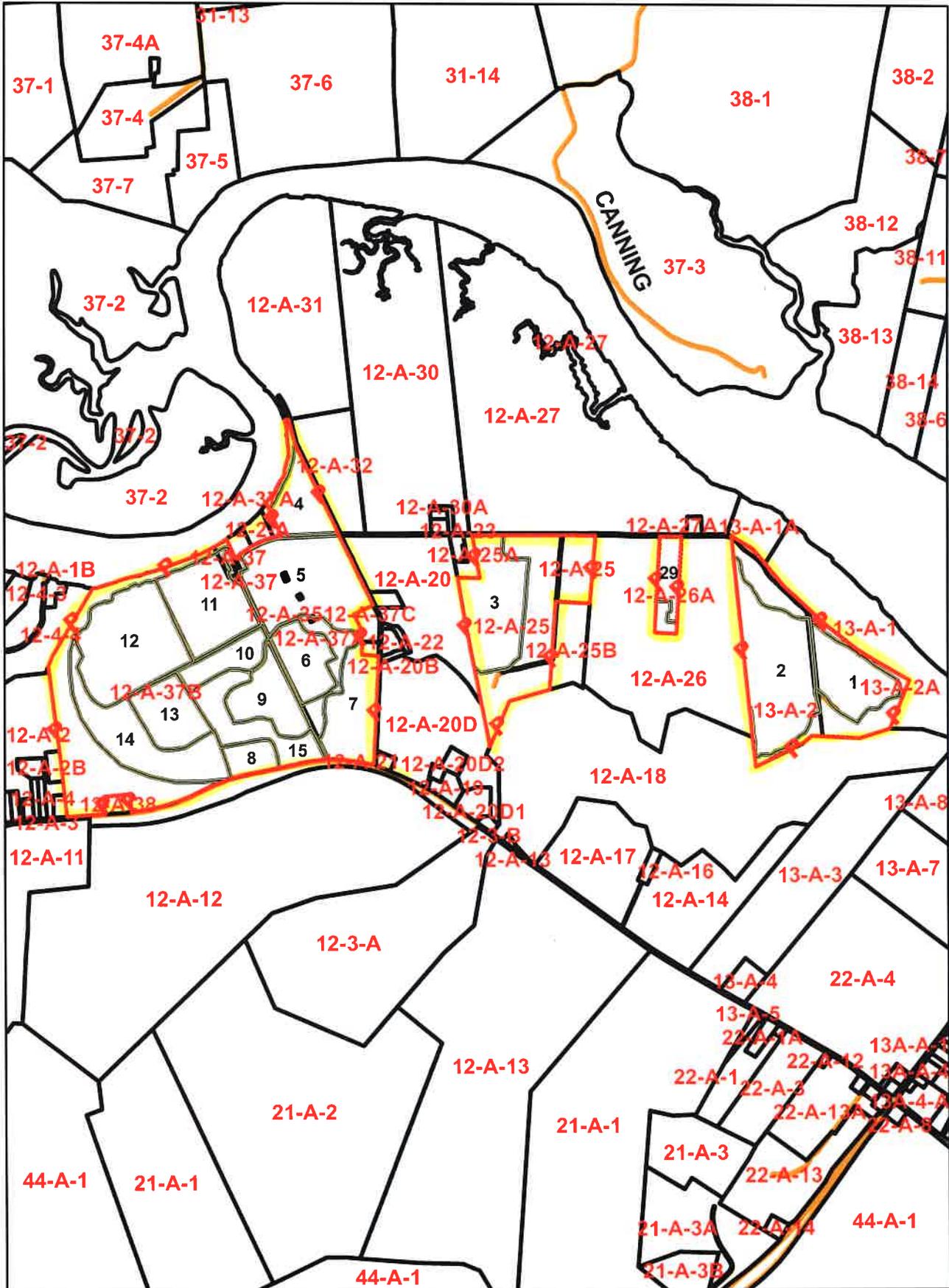


5-6-19

VICINITY MAP

1 in = 1 mile

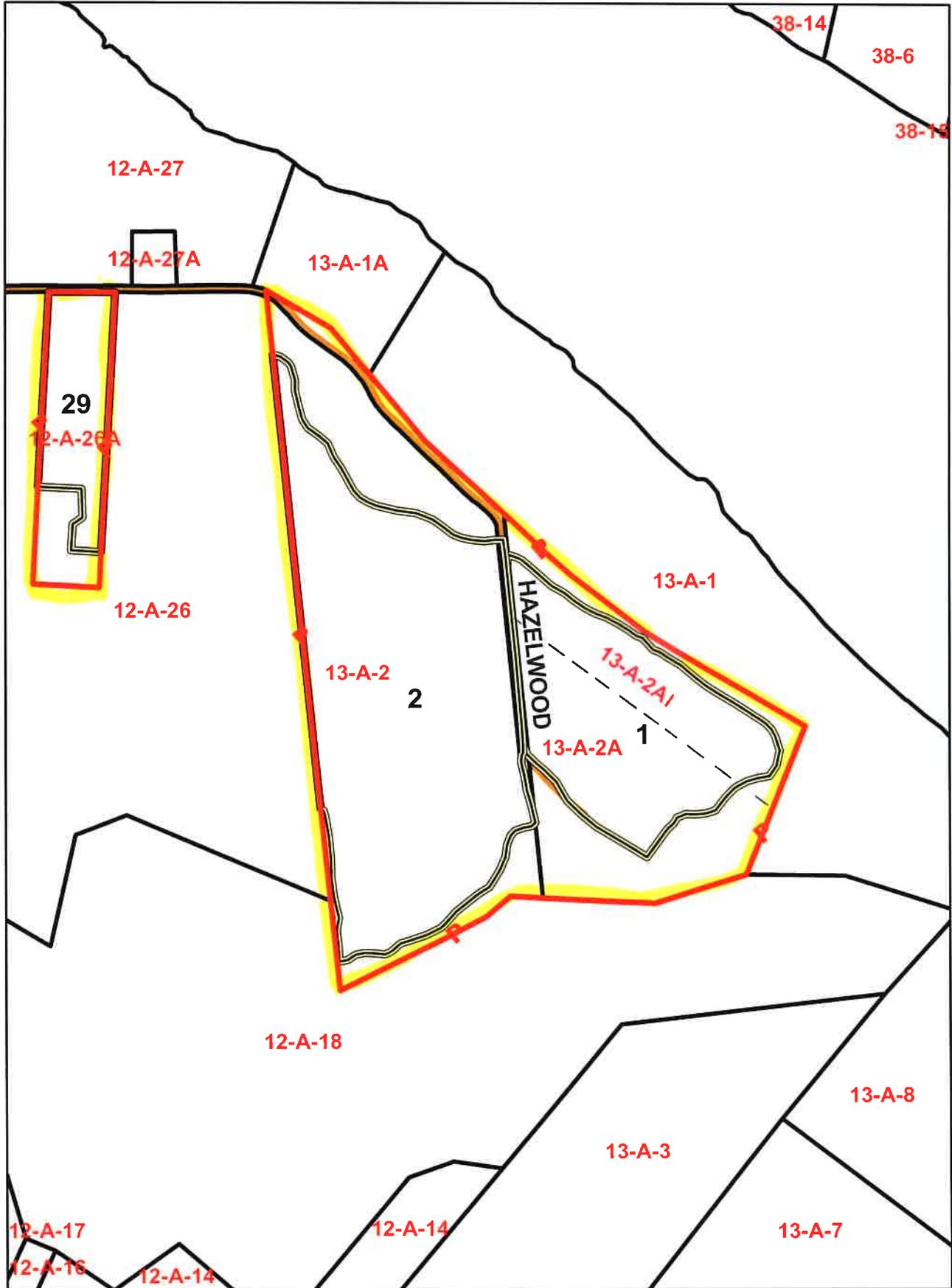




TAX MAP

1 in = 2,000 feet



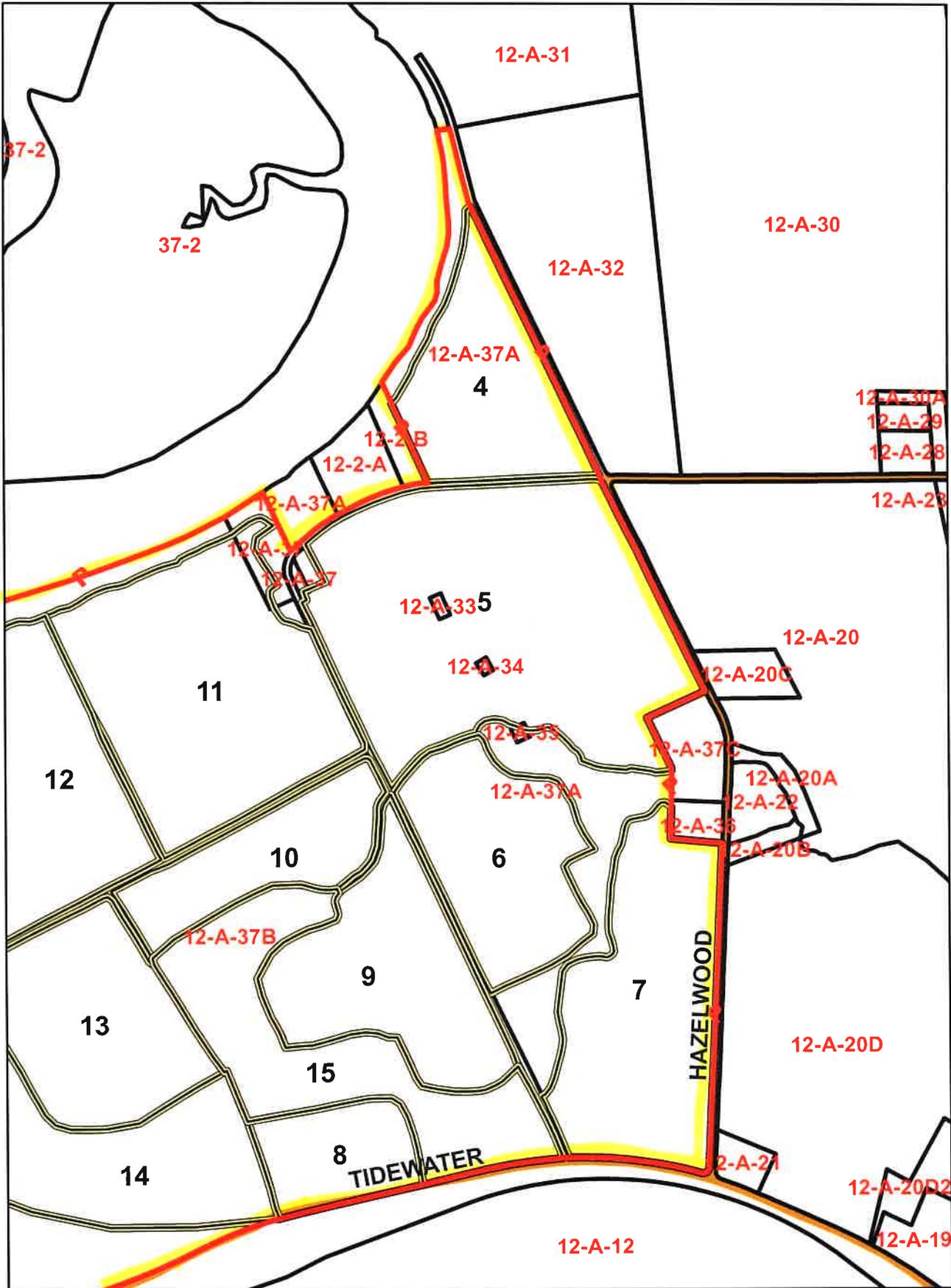


5-6-19

TAX MAP

1 in = 660 feet



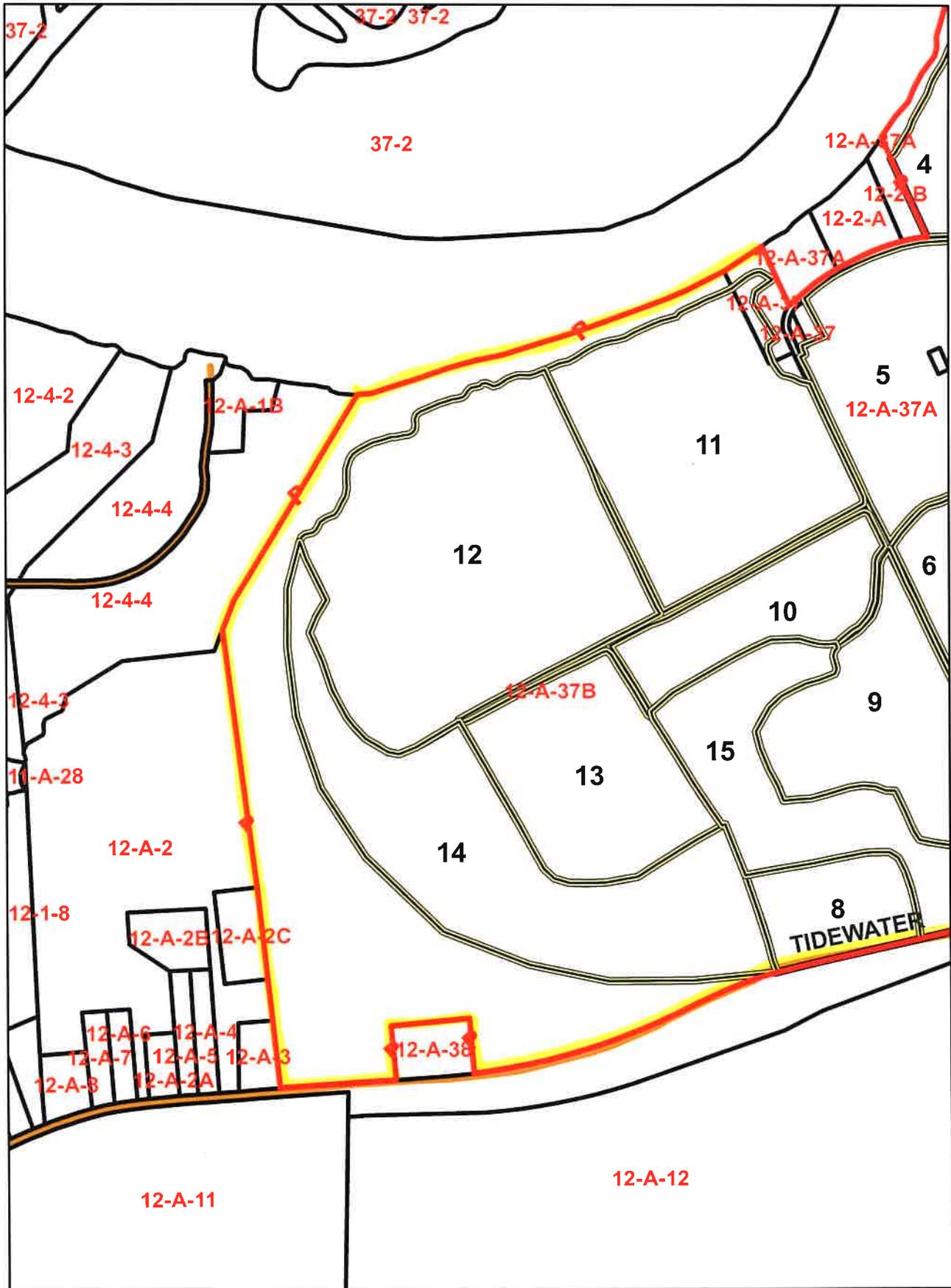


5-6-19

TAX MAP

1 in = 660 feet



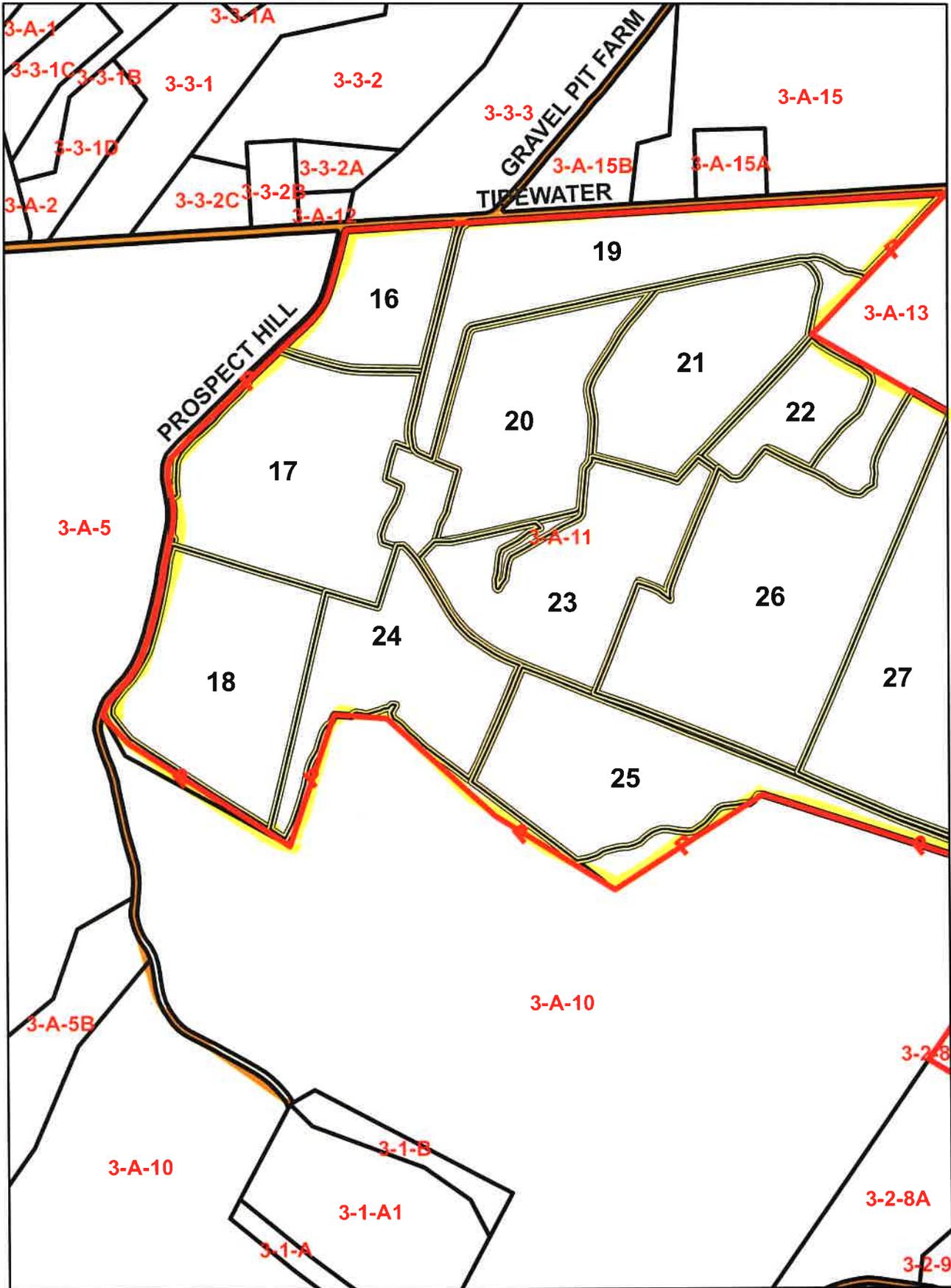


5-6-19

TAX MAP

1 in = 660 feet

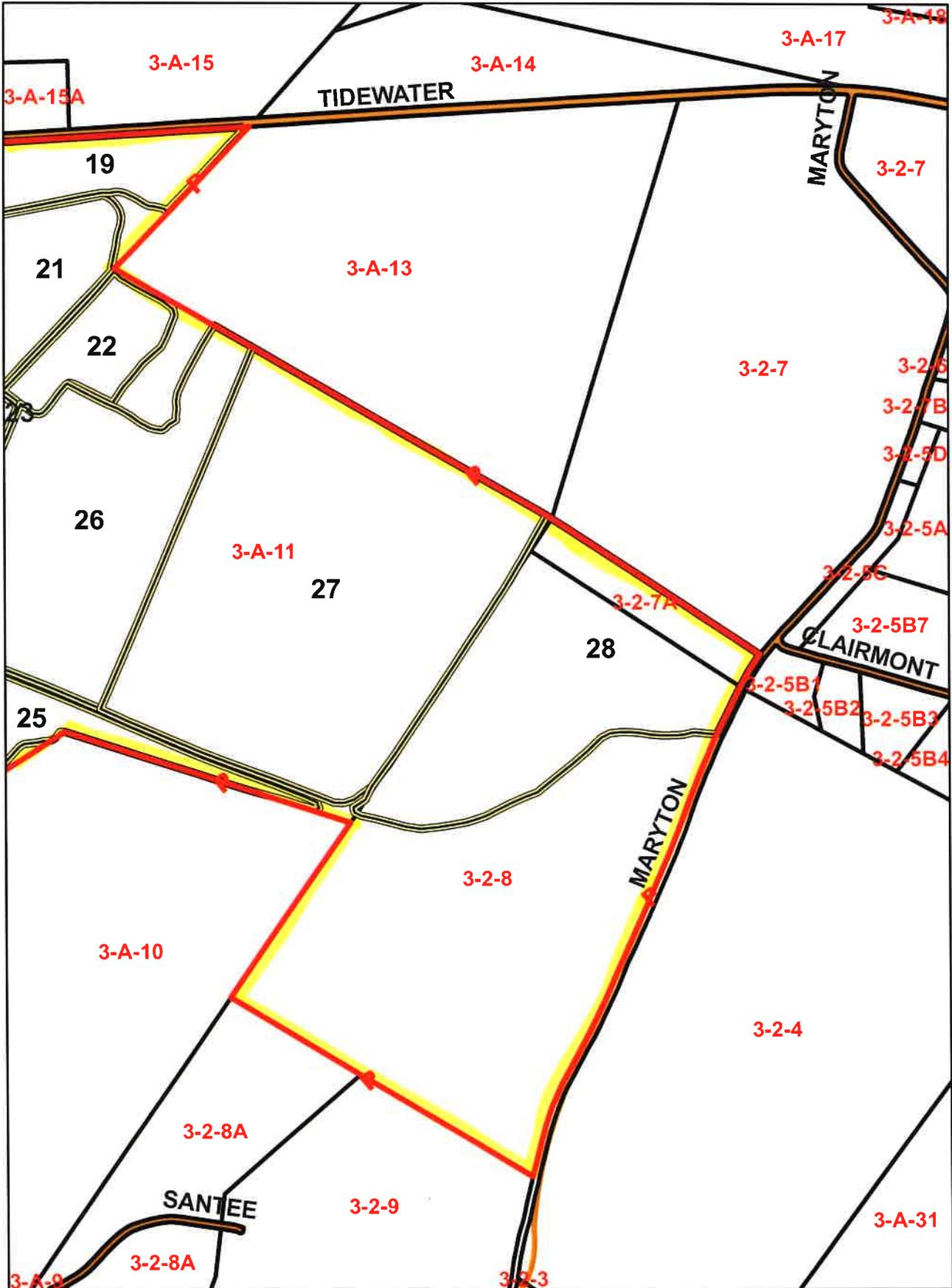




5-6-19

TAX MAP

1 in = 660 feet



5-6-19

TAX MAP

1 in = 660 feet



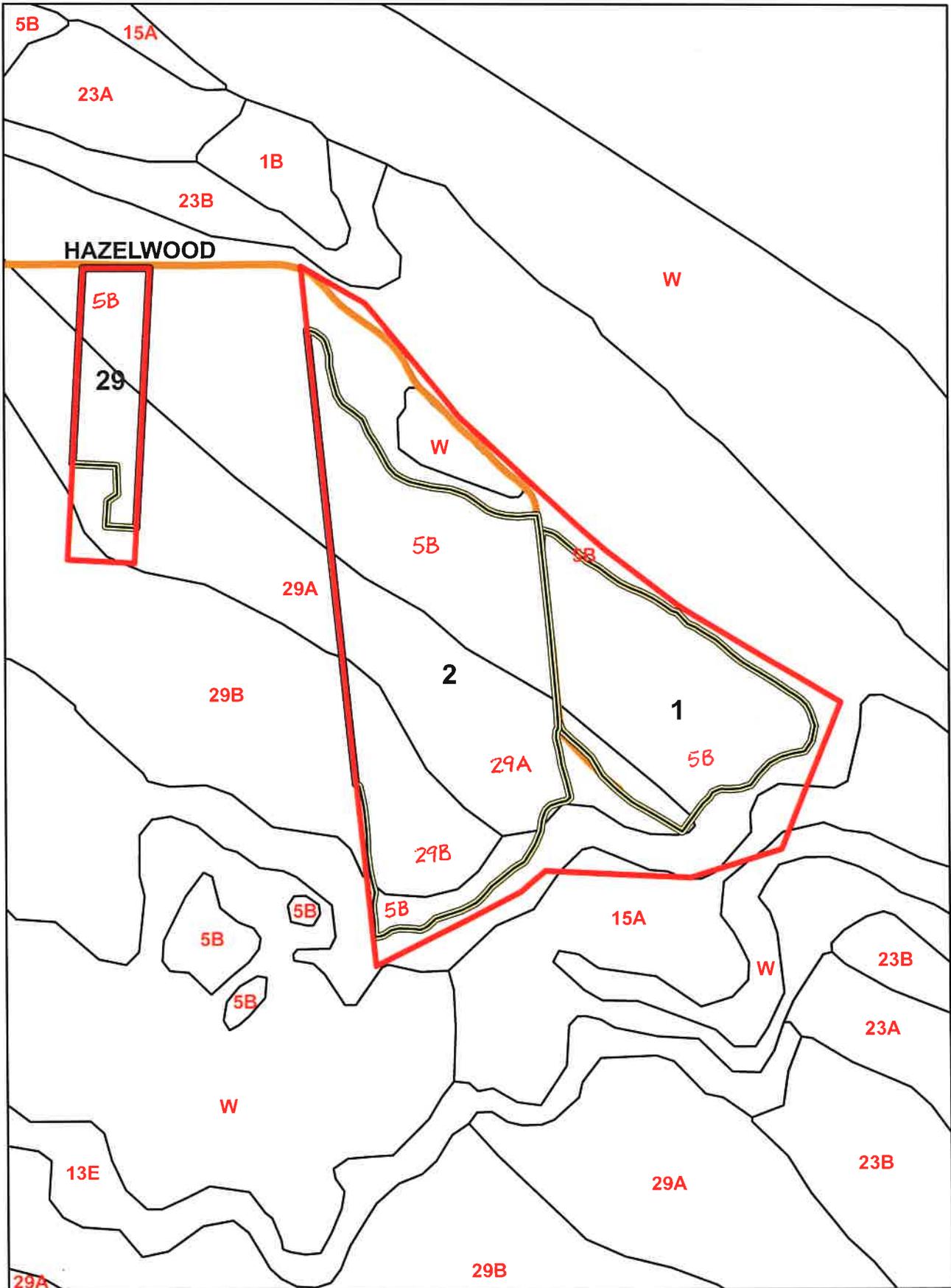
ADJOINING LANDOWNERS

JAMES R. GARRETT

CAROLINE COUNTY

Tax Map	Parcel #	Owner Name(s)
3-A	5	Fox Spring Farm Limited Partnership
	10	Santee Holdings LLC
	12	Charles and Tina Chambers Trs.
	13	Flintshire Farm LLLP
	14	Flintshire Farm LLLP
	15	Charles A. and Tina M. Chambers Trs.
	15A	Donald and Jean Muncy
	15B	Julius Chambers Jr. and Melissa Ann
3-2	4	Ann Wilson Gordon Tr.
	5B1	Aaron and Elizabeth Ilaoa
	5B7	Roger Parker and Norman Jean Henderson
	5C	Flintshire Farm LLLP
	7	Flintshire Farm LLLP
	8A	Stephen and Mary Cymrot
	9	Stephen and Mary Cymrot
3-3	2A	Timothy R. Golike
	2B	Angel Flores and DeLeon Mazariegos
	3	Matthew and Jean Scott
12-A	2	Willie E. Brown
	2B	Jonathan and Bridgette Brown
	2C	David C. Lee et. als.
	3	Richard Brown
	4	Helen Brown
	11	Phillip L. Rollins, Jr. Estate
	12	Gay Mont LLC
	18	C C G Pond Inc.
	19	Dorothy Wright Tr.
	20	Ronald and David Farmer

Tax Map	Parcel #	Owner Name(s)
12-A	20D	Gay Mont LLC
	21	Flourett and Mark Ketner
	23	Dorothy Wright Tr.
	24	Dorothy Wright Tr.
	25A	Dorothy Wright Tr.
	25B	David Jenkins, Jr. and Elizabeth
	26	JTJ Gouldman Farms Inc.
	27	Carolyn L. Davis Tr.
	27A	Cory D. Garrett
	27B	Genevieve and Peter Adam
	28	Walter Meadows
	29	Walter Meadows
	30	Walter Meadows
	32	Linda and Keith Upshaw
	36	Yvonne Motley
	37A	James R. and Helen A. Garrett
	37C	William and Renee Garrett
38	John J. Abrahamson, Jr.	
12-2	A	James R. Garrett
	B	Wayne Garrett
12-4	4	Teresa E. Hicks
13-A	1	Gary L. Gray
	1A	Garry and Jackie Gray
	2A1	Camden J. Patton and Frances Brodie
20-A	B	Emmett R. Farmer
	20C	Nelson and Diane Smith
	22	Emmett R. Farmer



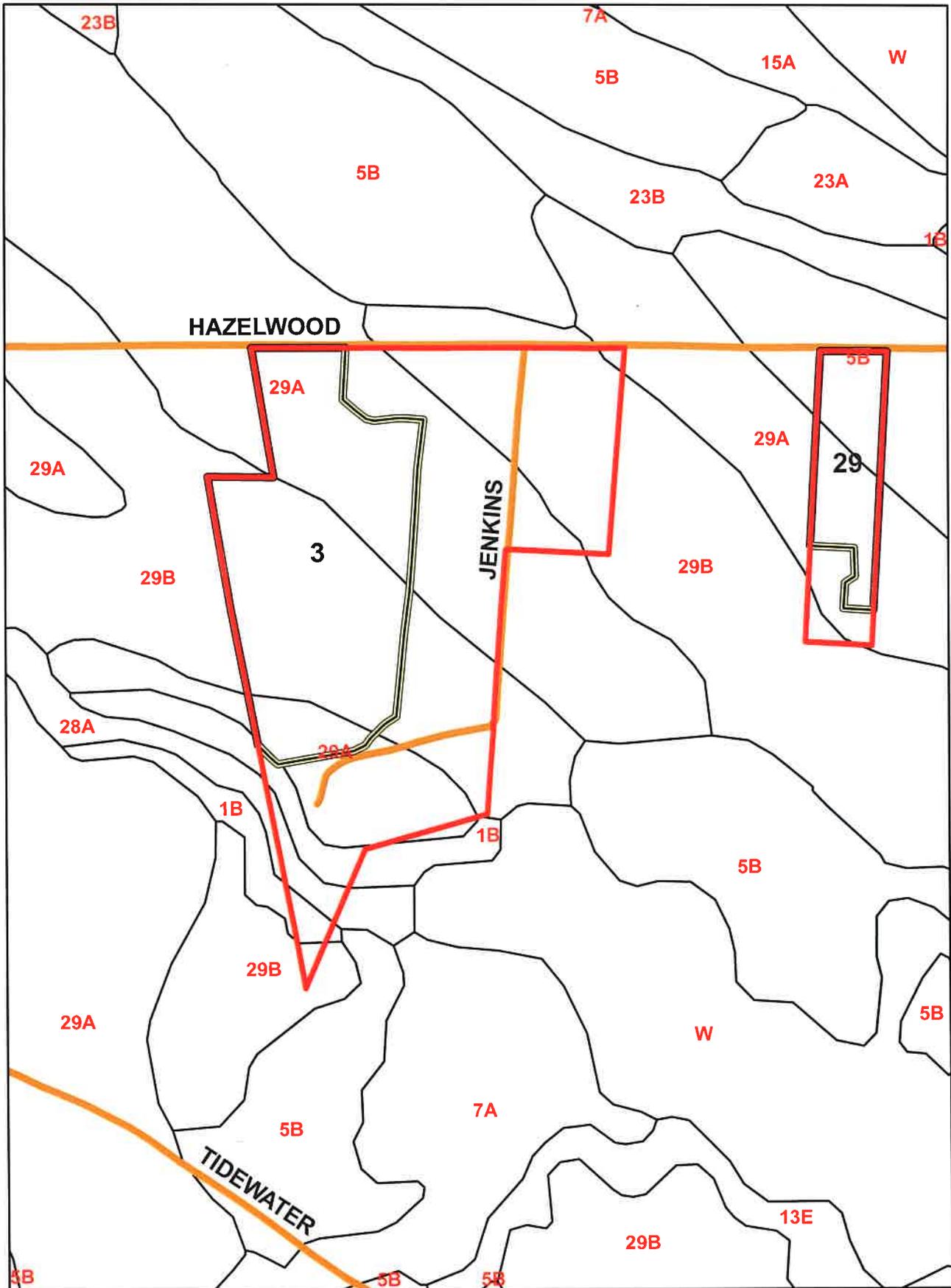
5-6-19

Frequent Flooding marked in Orange

SOIL MAP

1 in = 660 feet





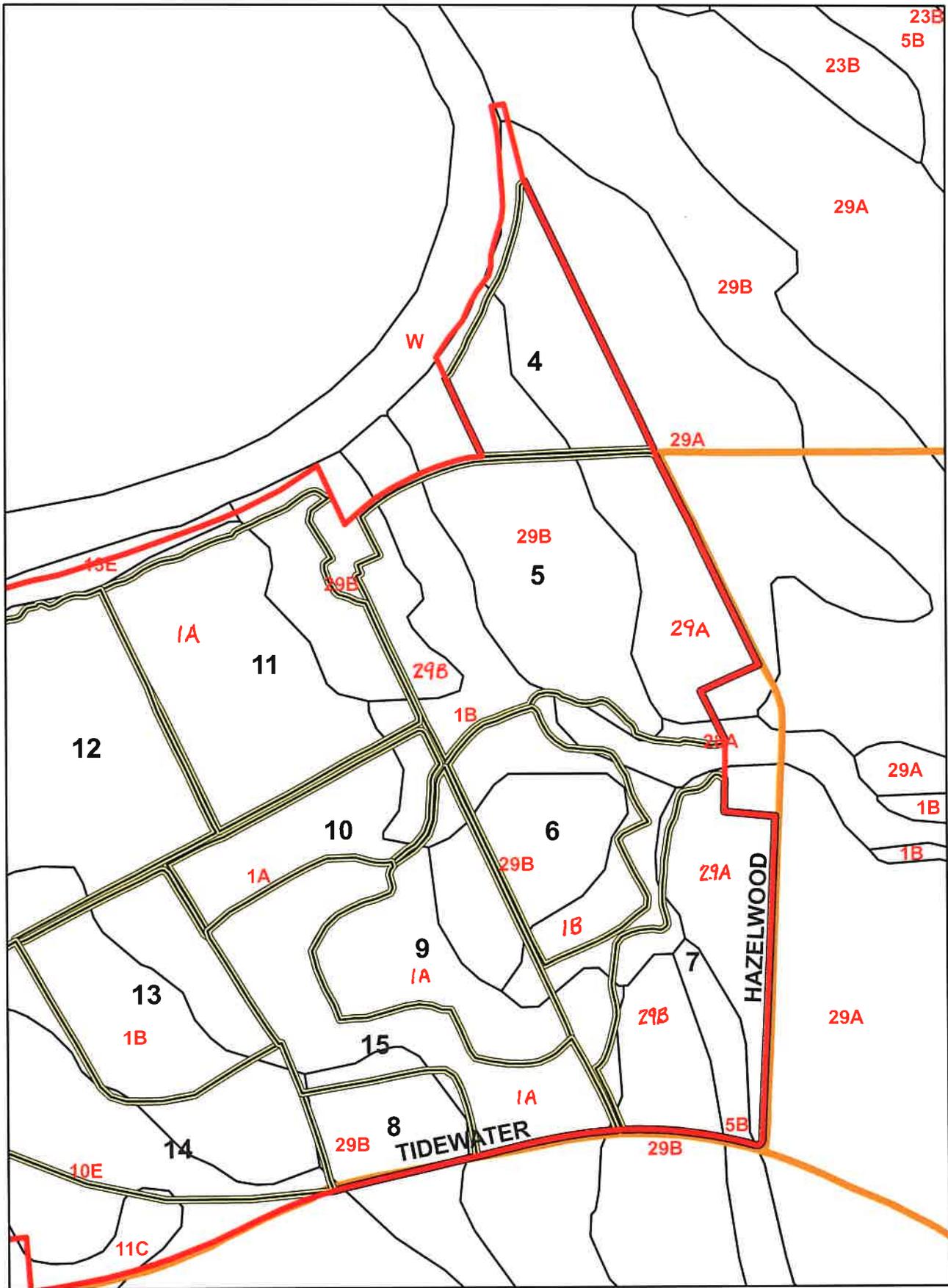
5-6-19

Frequent Flooding marked in Orange

SOIL MAP

1 in = 660 feet





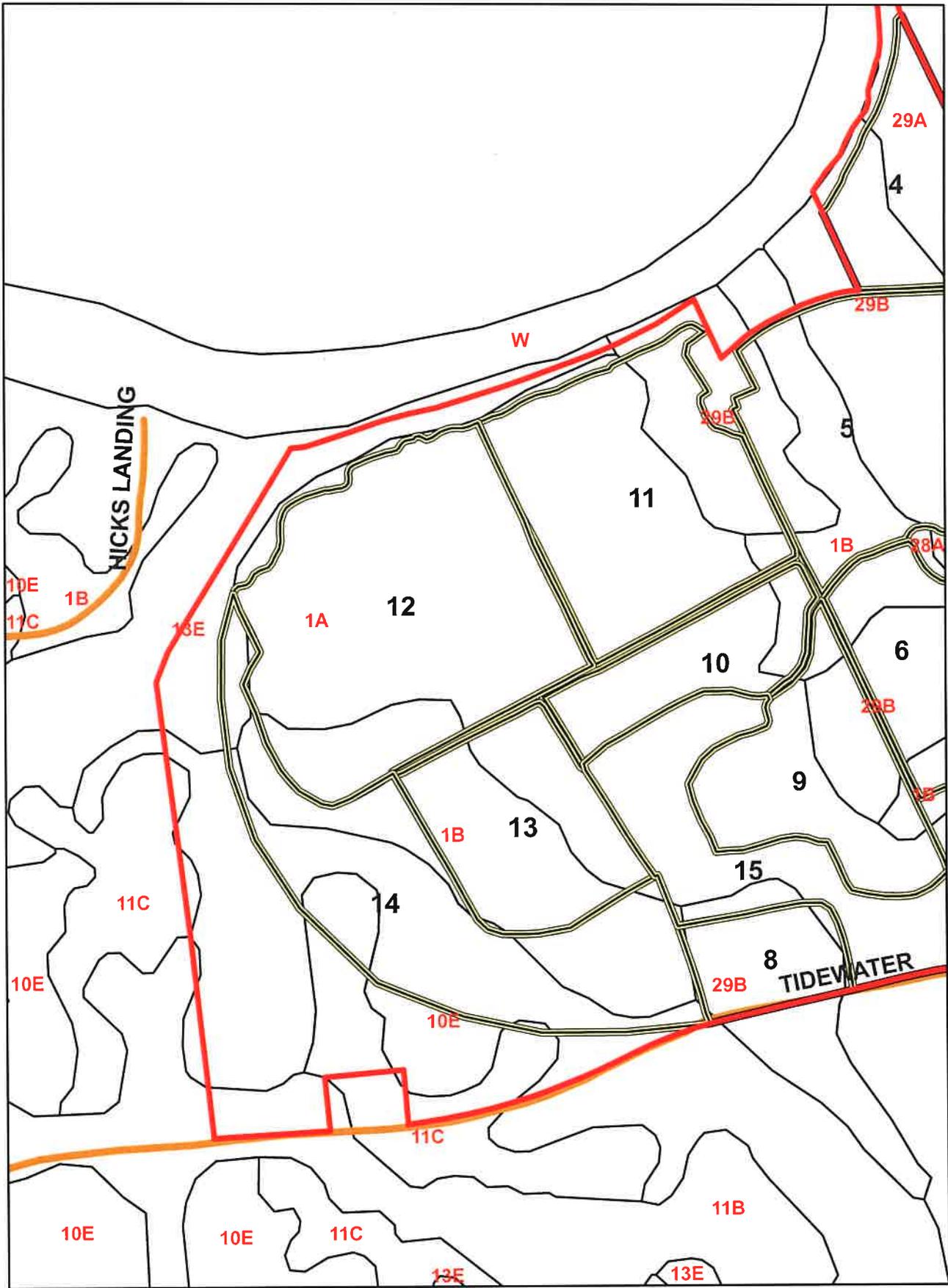
5-6-19

Frequent Flooding marked in Orange

SOIL MAP

1 in = 660 feet





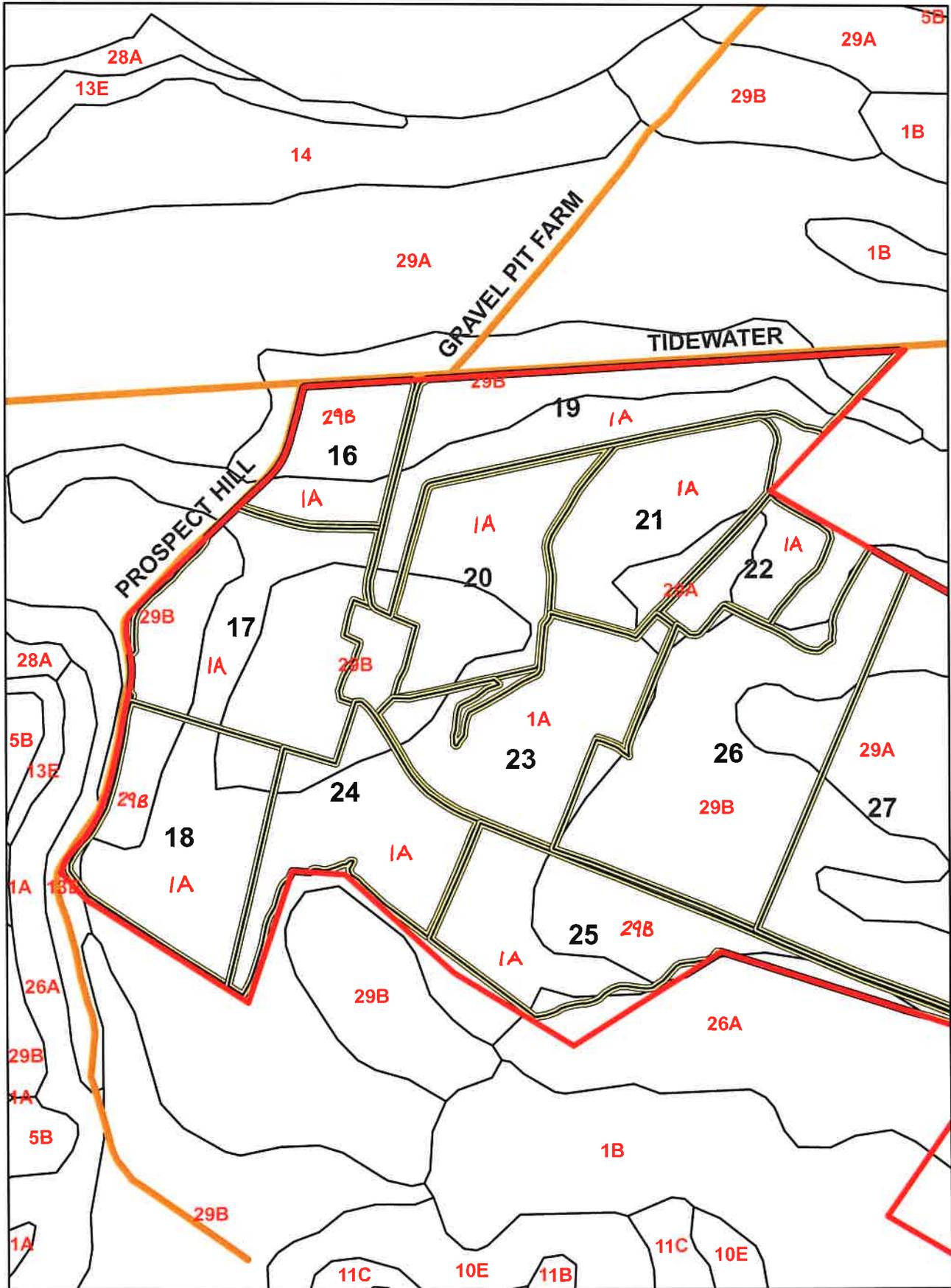
5-6-19

SOIL MAP

1 in = 660 feet

Frequent Flooding marked in Orange





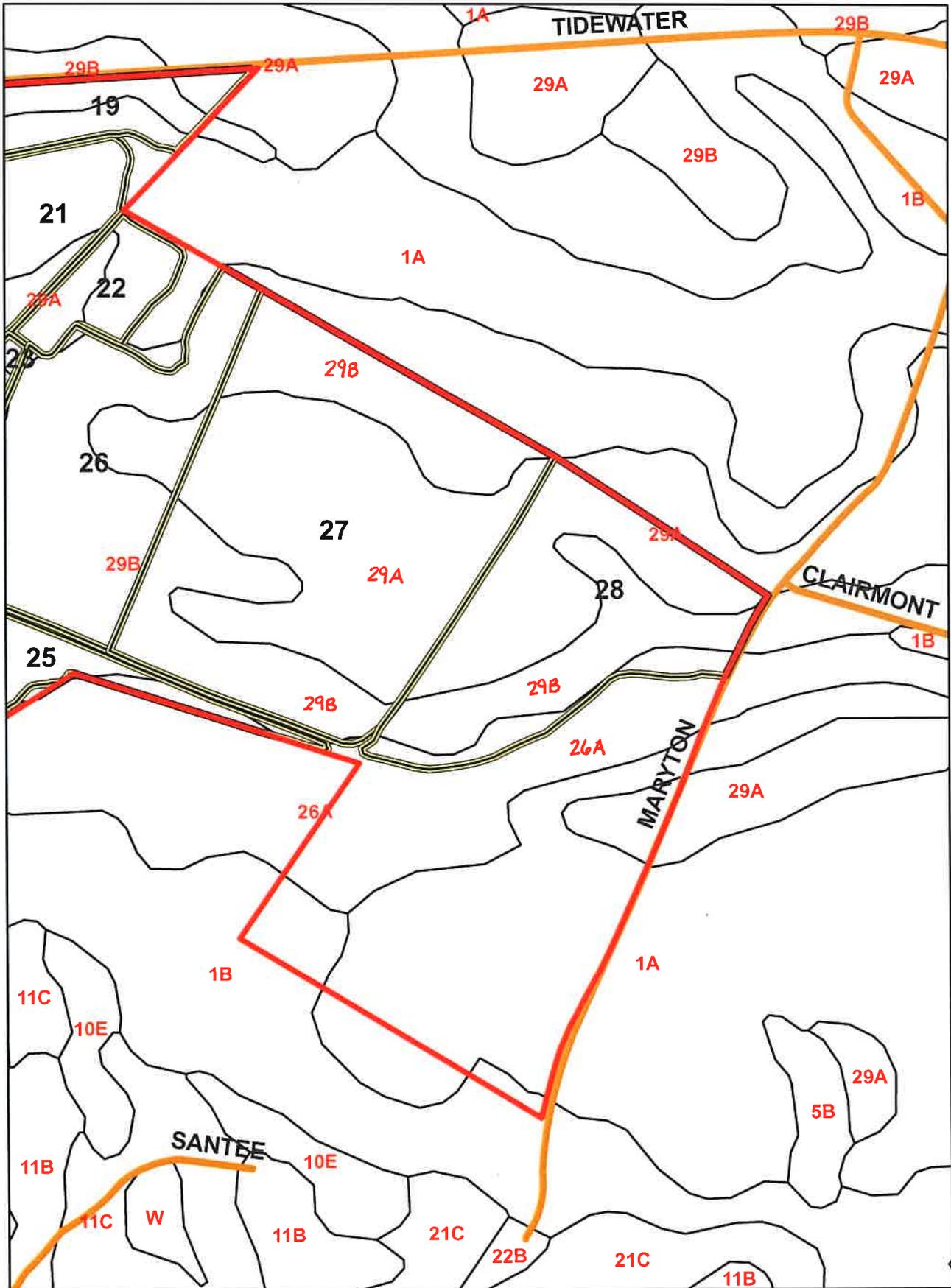
5-6-19

Frequent Flooding marked in Orange

SOIL MAP

1 in = 660 feet





5-6-19

Frequent Flooding
marked in Orange

SOIL MAP

1 in = 660 feet

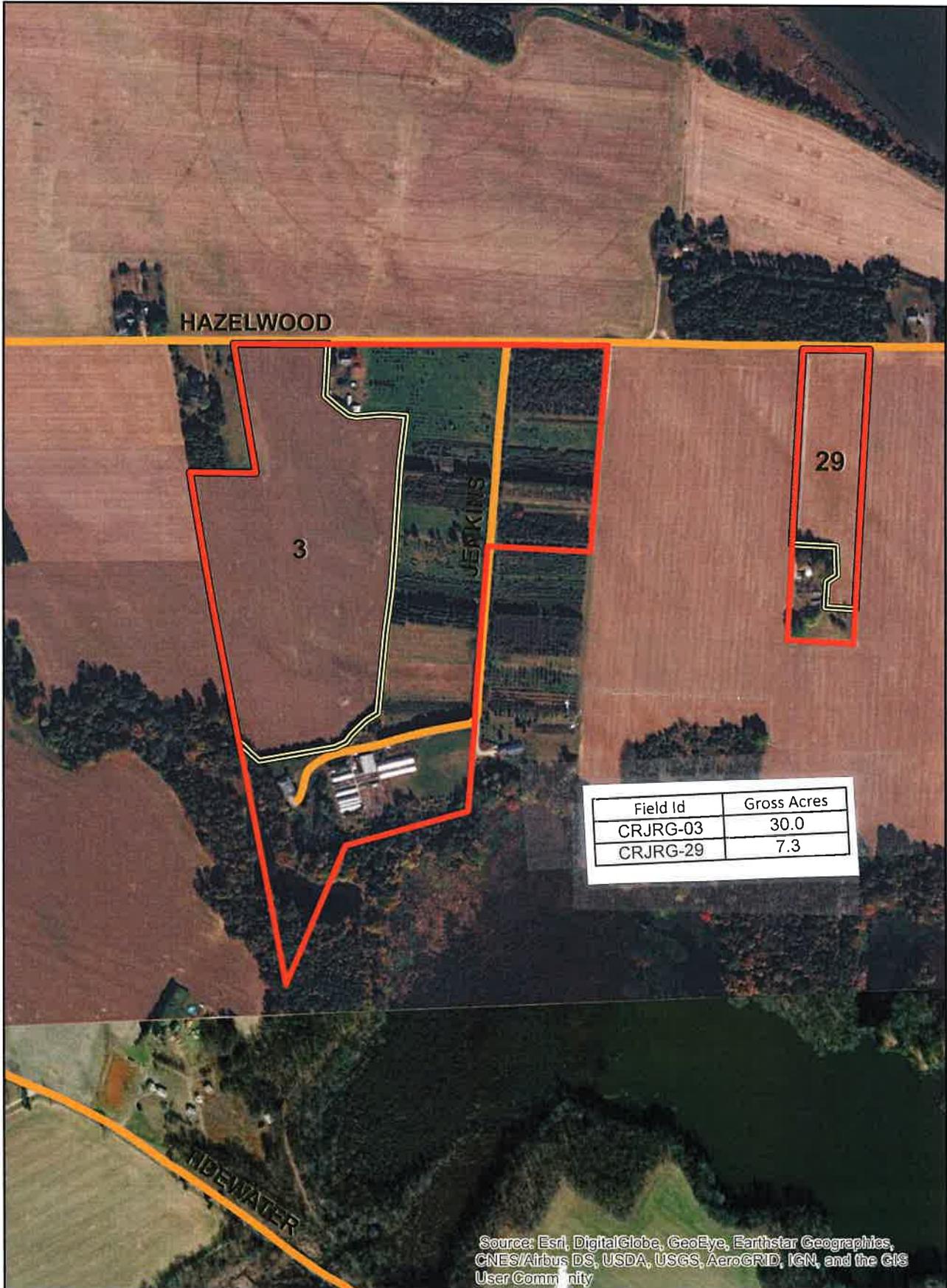


5-6-19

AERIAL MAP

1 in = 660 feet





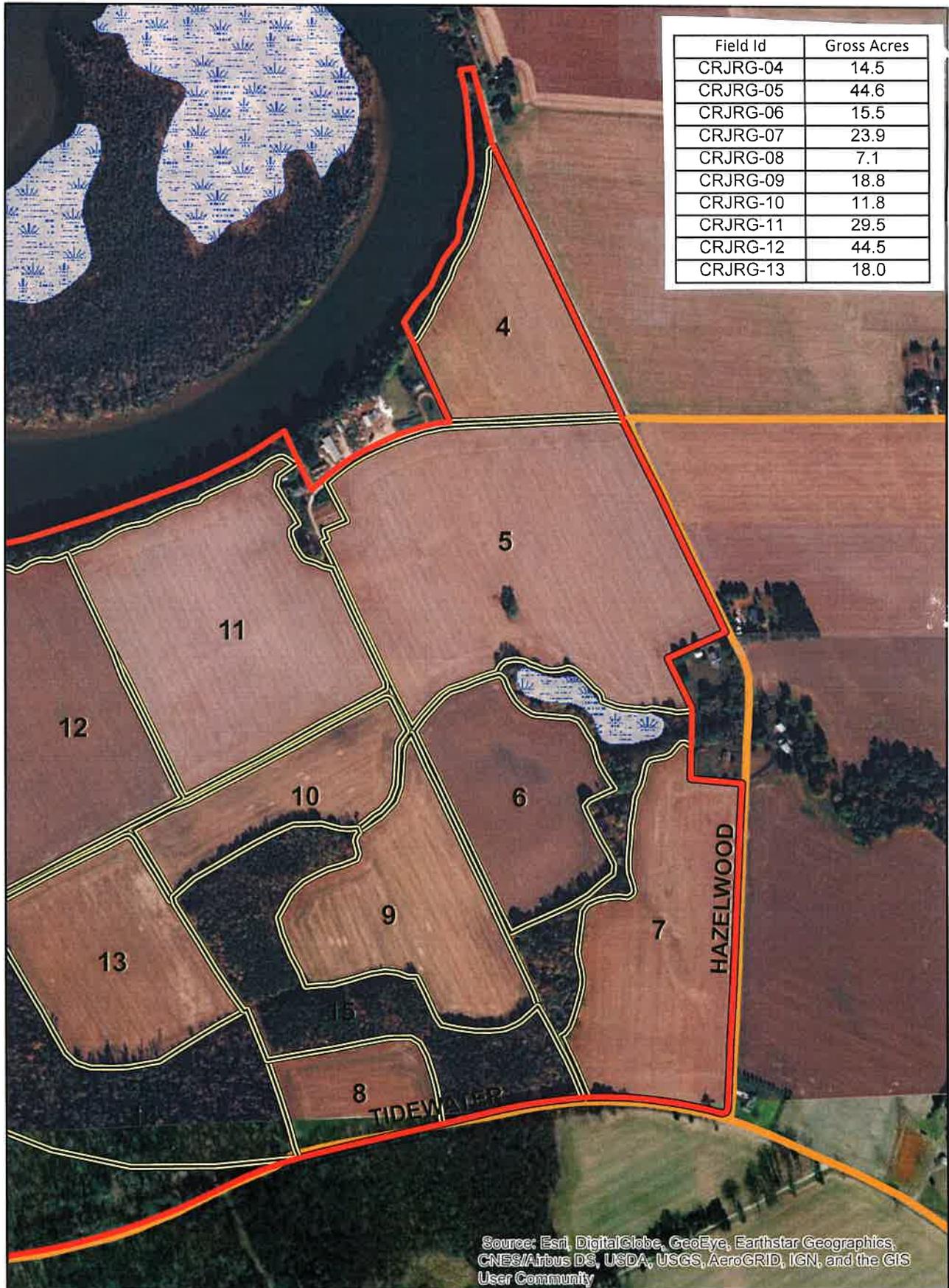
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



5-6-19

AERIAL MAP

1 in = 660 feet



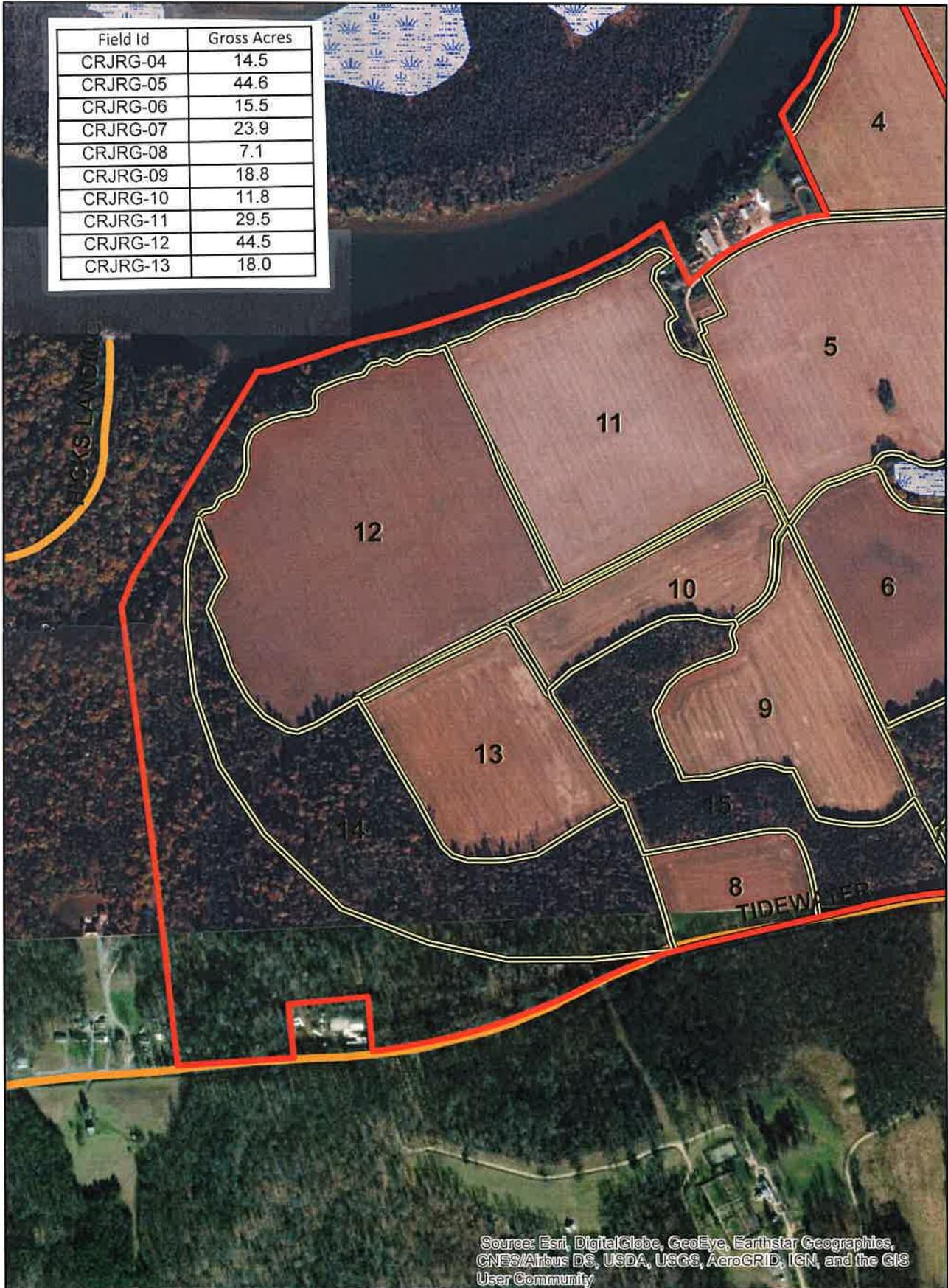
5-6-19

AERIAL MAP

1 in = 660 feet



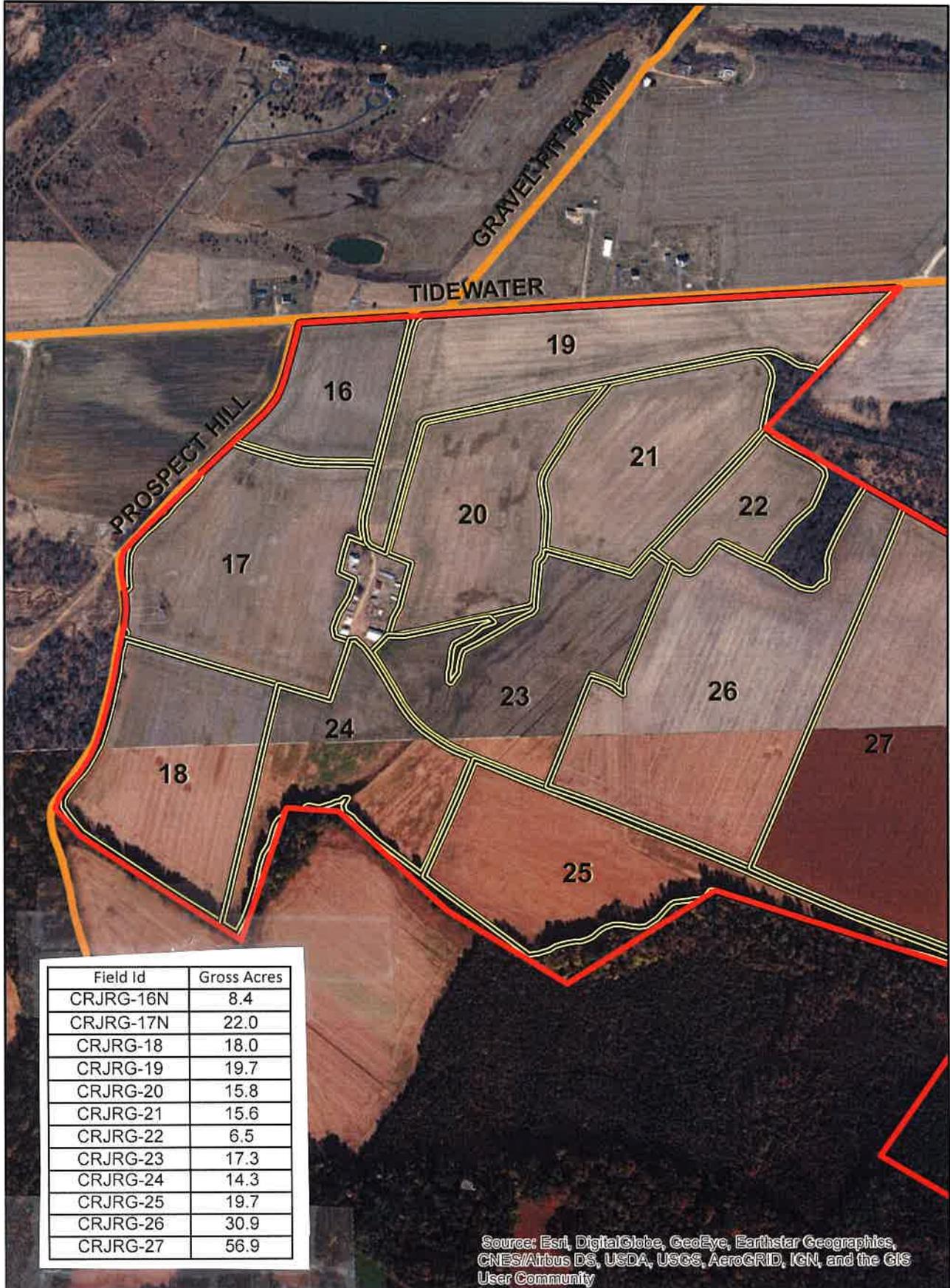
Field Id	Gross Acres
CRJRG-04	14.5
CRJRG-05	44.6
CRJRG-06	15.5
CRJRG-07	23.9
CRJRG-08	7.1
CRJRG-09	18.8
CRJRG-10	11.8
CRJRG-11	29.5
CRJRG-12	44.5
CRJRG-13	18.0



5-6-19

AERIAL MAP

1 in = 660 feet



5-6-19

AERIAL MAP

1 in = 660 feet



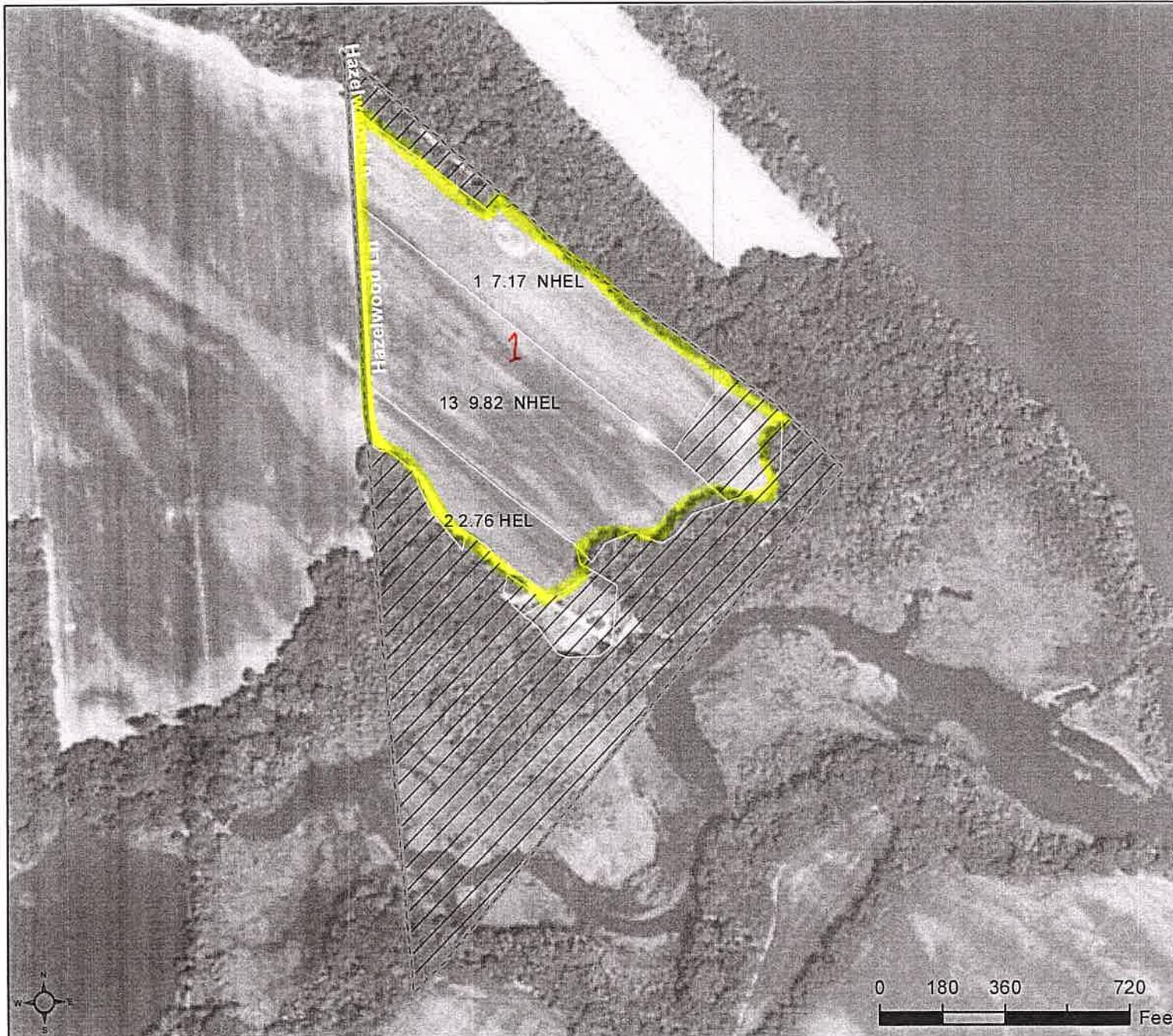
5-6-19

AERIAL MAP

1 in = 660 feet

Farm 2892

Tract 3610



2019 Program Year

Map Created April 02, 2019

Common Land Unit

- Non-Cropland
- Cropland
- rcl_va033
- Tract Boundary

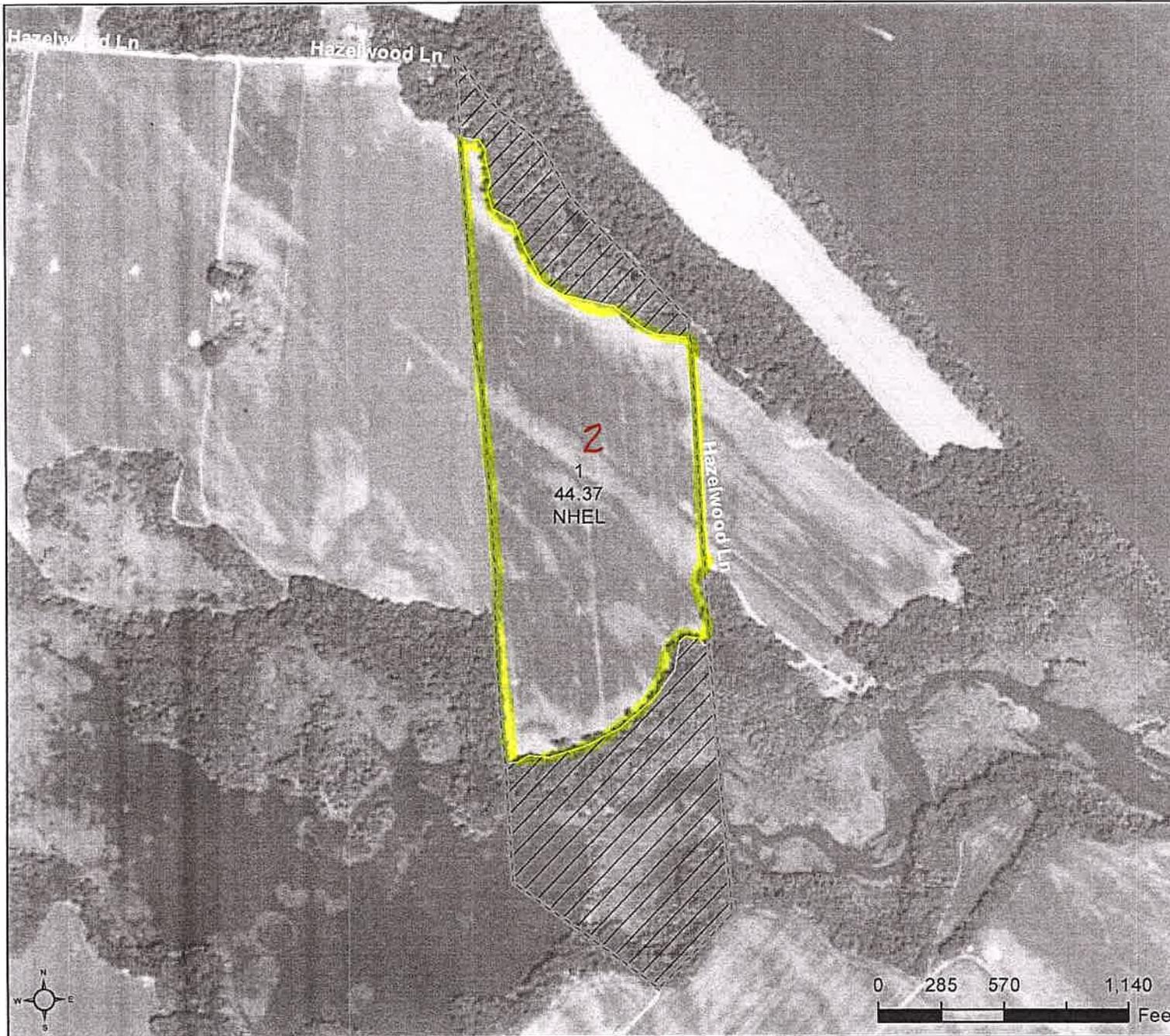
Wetland Determination Identifiers

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

Tract Cropland Total: 19.75 acres

Farm 2891

Tract 3609



2019 Program Year

Map Created April 02, 2019

Common Land Unit

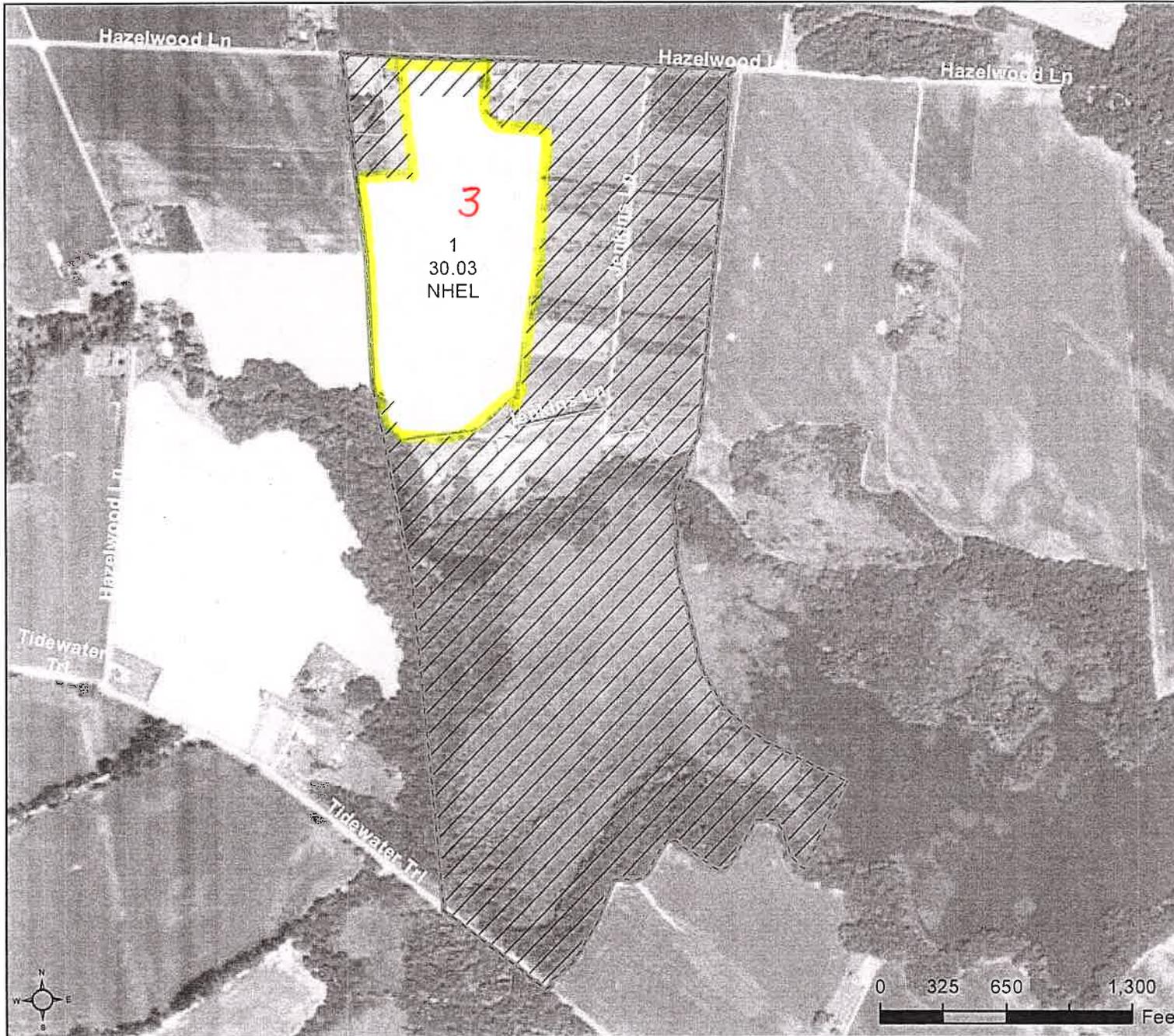
- /// Non-Cropland
- Cropland
- rcl_l_va033
- Tract Boundary

Wetland Determination Identifiers

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

Tract Cropland Total: 44.37 acres

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Farm 689
Tract 1881

2019 Program Year

Map Created April 02, 2019

Common Land Unit

- /// Non-Cropland
- Cropland
- rc1_va033
- Tract Boundary

Wetland Determination Identifiers

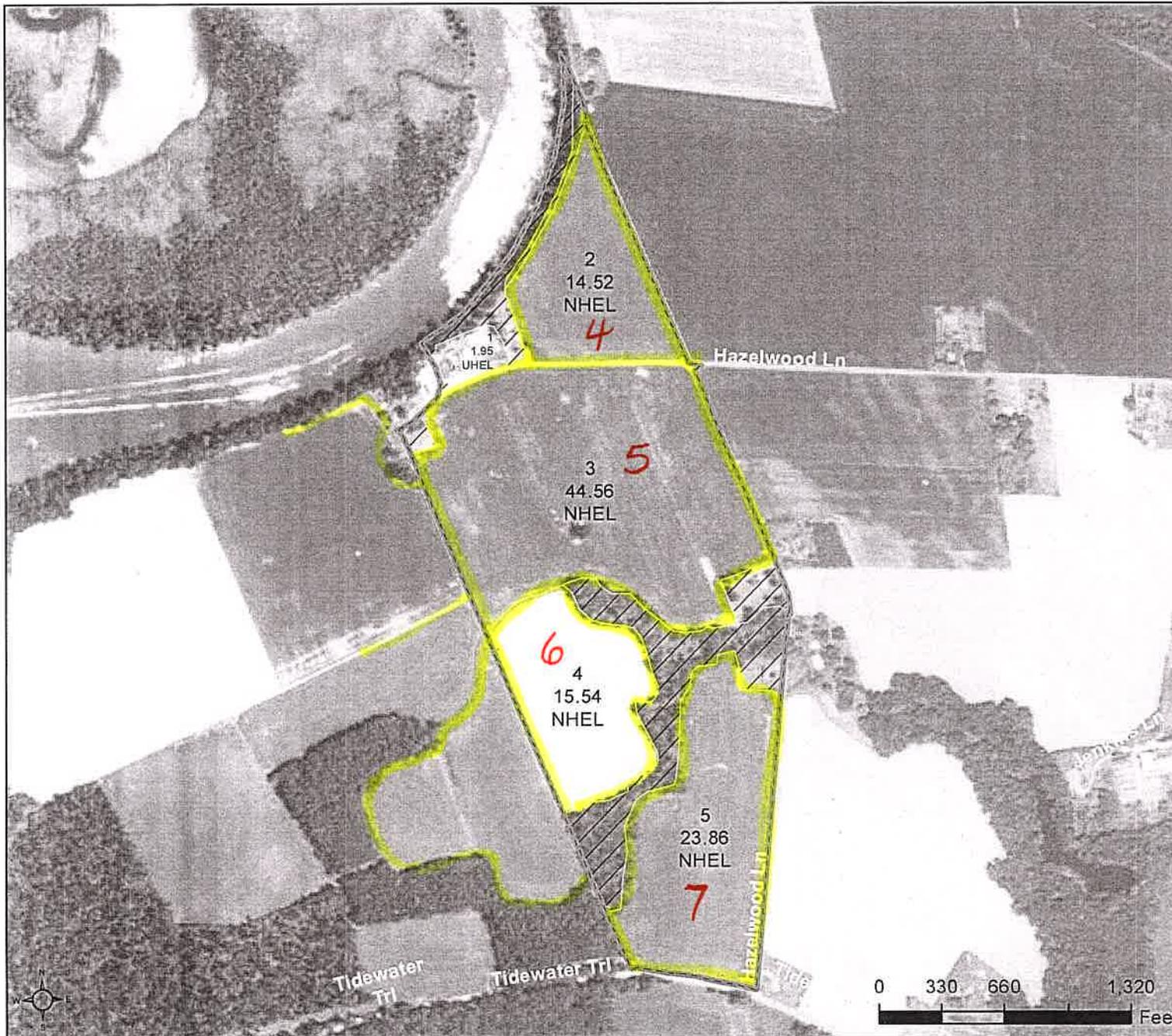
- Restricted Use
- ▽ Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 30.03 acres

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Farm 1635

Tract 2760



2019 Program Year

Map Created April 02, 2019

Common Land Unit

- /// Non-Cropland
- Cropland
- rcl_l_va033
- Tract Boundary

Wetland Determination Identifiers

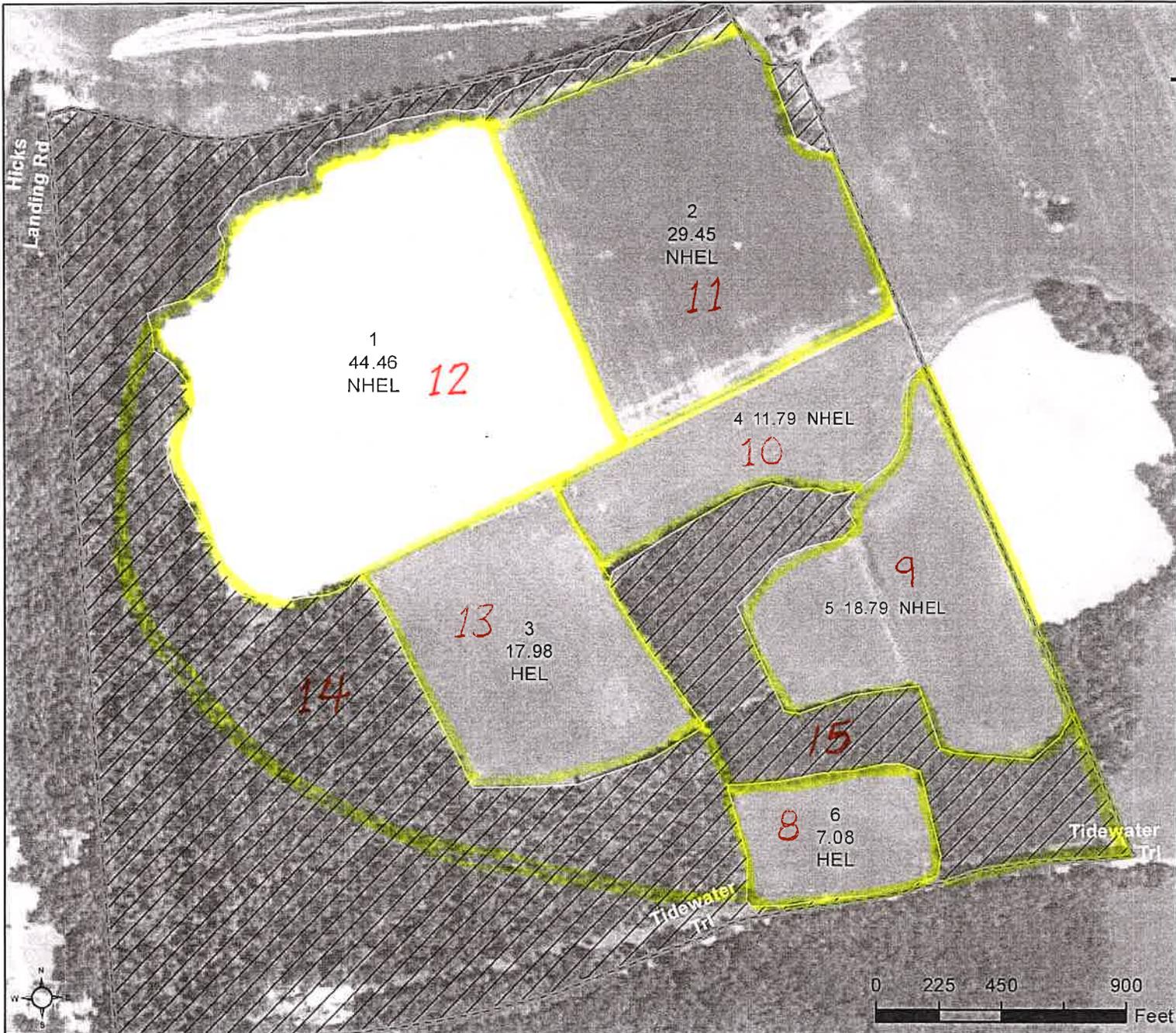
- Restricted Use
- ▽ Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 100.43 acres

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

Farm 1634

Tract 2759



2019 Program Year

Map Created April 02, 2019

Common Land Unit

- Non-Cropland
- Cropland
- rcl_l_va033
- Tract Boundary

Wetland Determination Identifiers

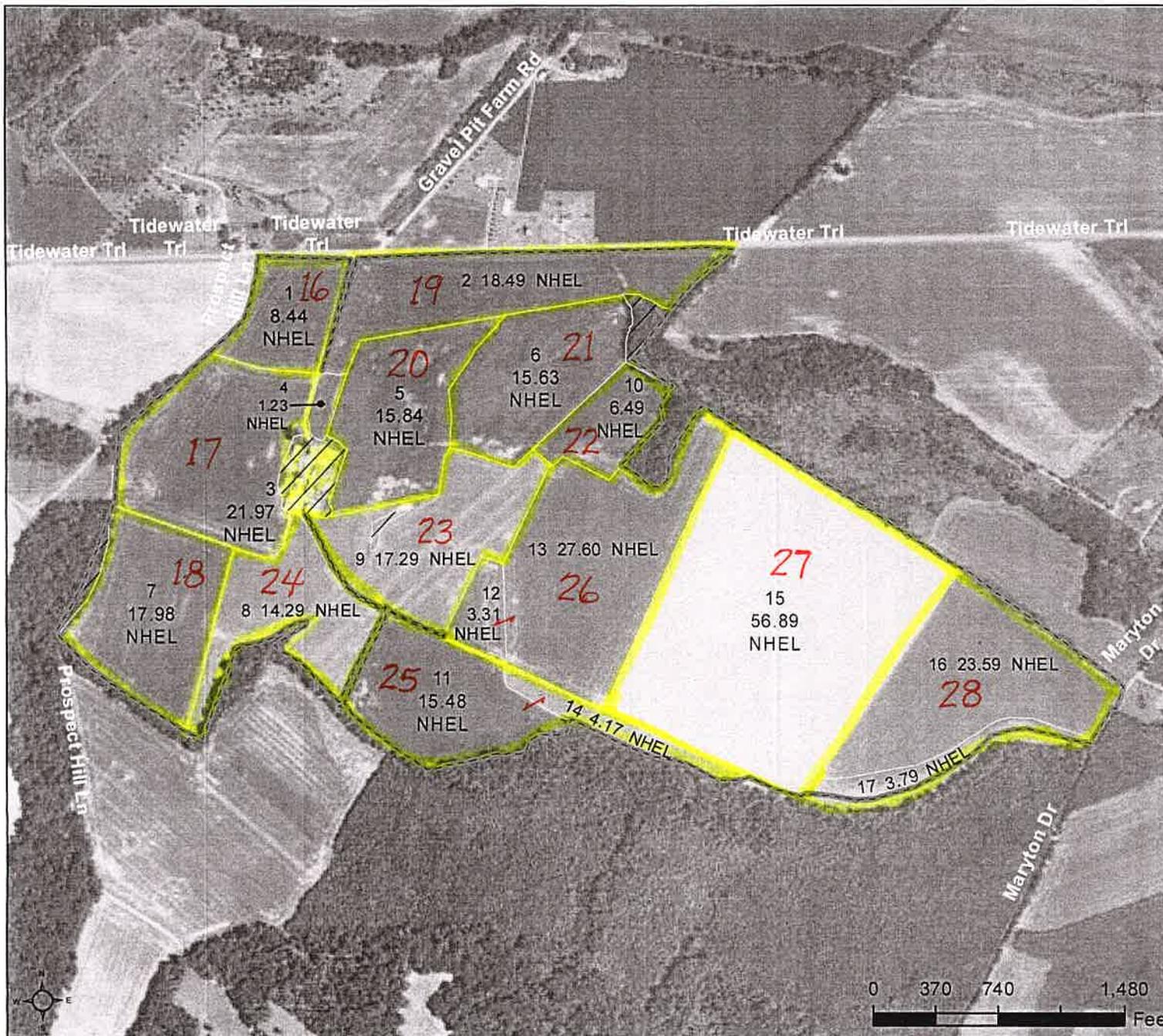
- Restricted Use
- ▽ Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 129.55 acres

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

Farm 696

Tract 1861



2019 Program Year

Map Created April 02, 2019

Common Land Unit

- ▨ Non-Cropland
- ▨ Cropland
- rci_l_va033
- ▭ Tract Boundary

Wetland Determination Identifiers

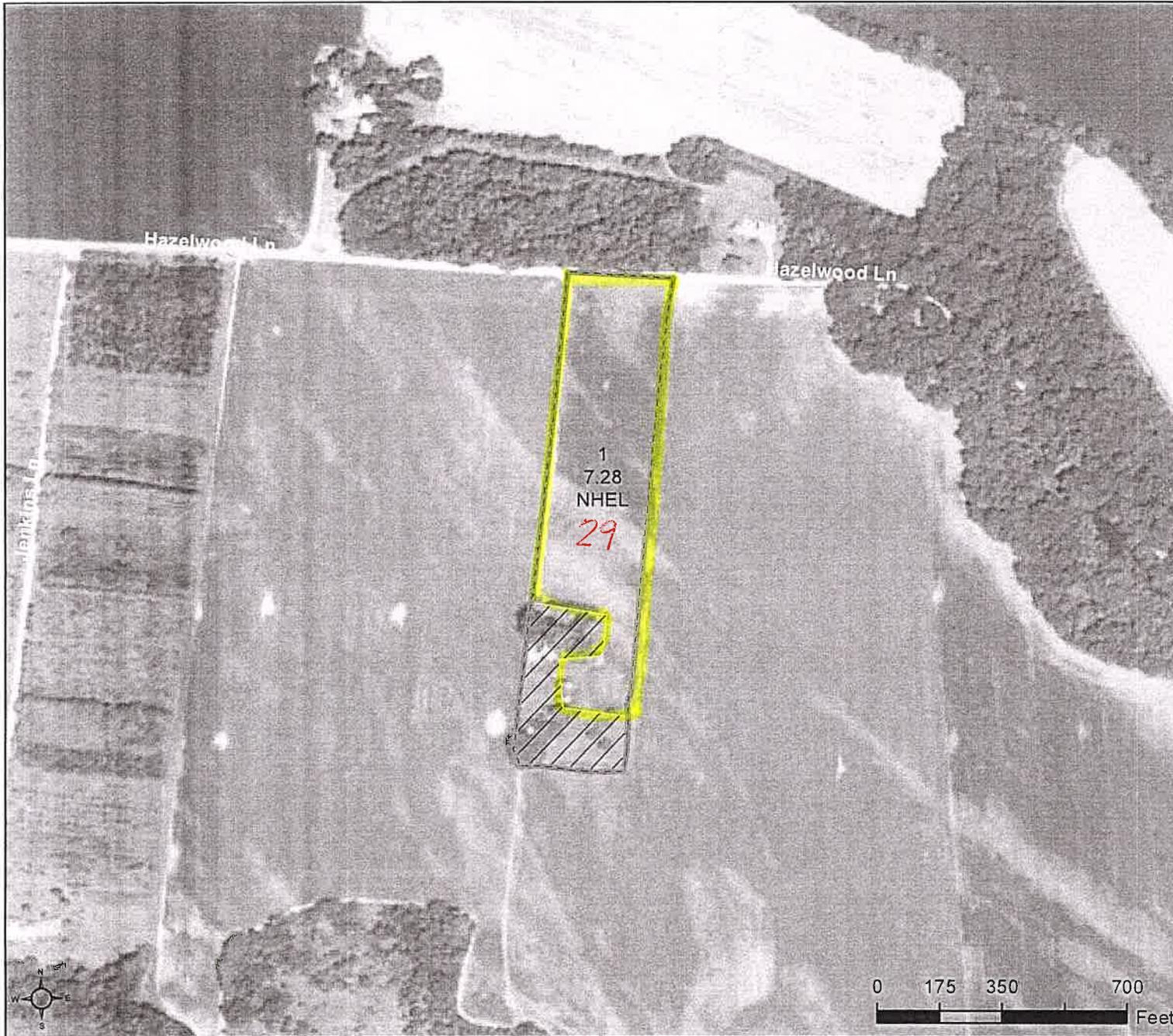
- Restricted Use
- ▽ Limited Restrictions
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 272.48 acres

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

Farm 1730

Tract 2974



2019 Program Year

Map Created April 02, 2019

Common Land Unit

- /// Non-Cropland
- Cropland
- rcl_l_va033
- Tract Boundary

Wetland Determination Identifiers

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

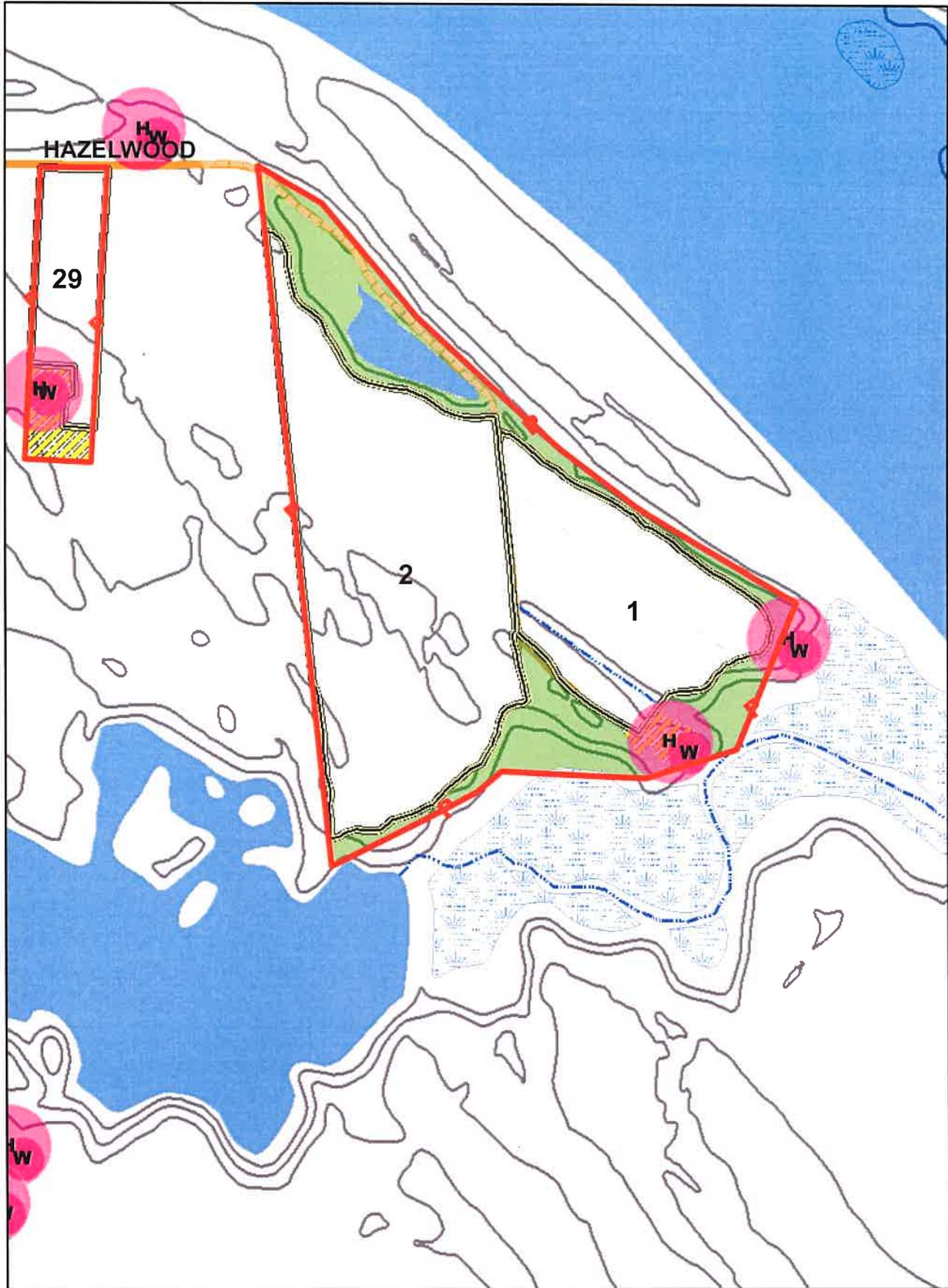
Tract Cropland Total: 7.28 acres

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).

Legend For Site Plan

Symbol	Feature	Minimum Setback
	House and Well	200 feet from occupied dwelling * 100 feet from water supply wells or springs
	Well or Spring	100 feet from water supply wells or springs
	Streams or Surface Water	35 feet with 35 foot vegetated buffer 100 feet without vegetated buffer
	Wet Spot	
	Trees and Woods	
	Private Drive	
	Rock Area/Rock Outcrop	25 feet from rock outcrops 50 feet from limestone rock outcrops
	Severely Eroded Spot	18 Inch minimum depth of soil
	Sink Hole	100 feet from open sinkholes 50 feet from closed sinkholes
	State Road	10 feet from side of roadway
	Fence / Field Boundary	
	Property Line	100 feet from property line *
	Slope	15% maximum
	Hashed out Area	No application

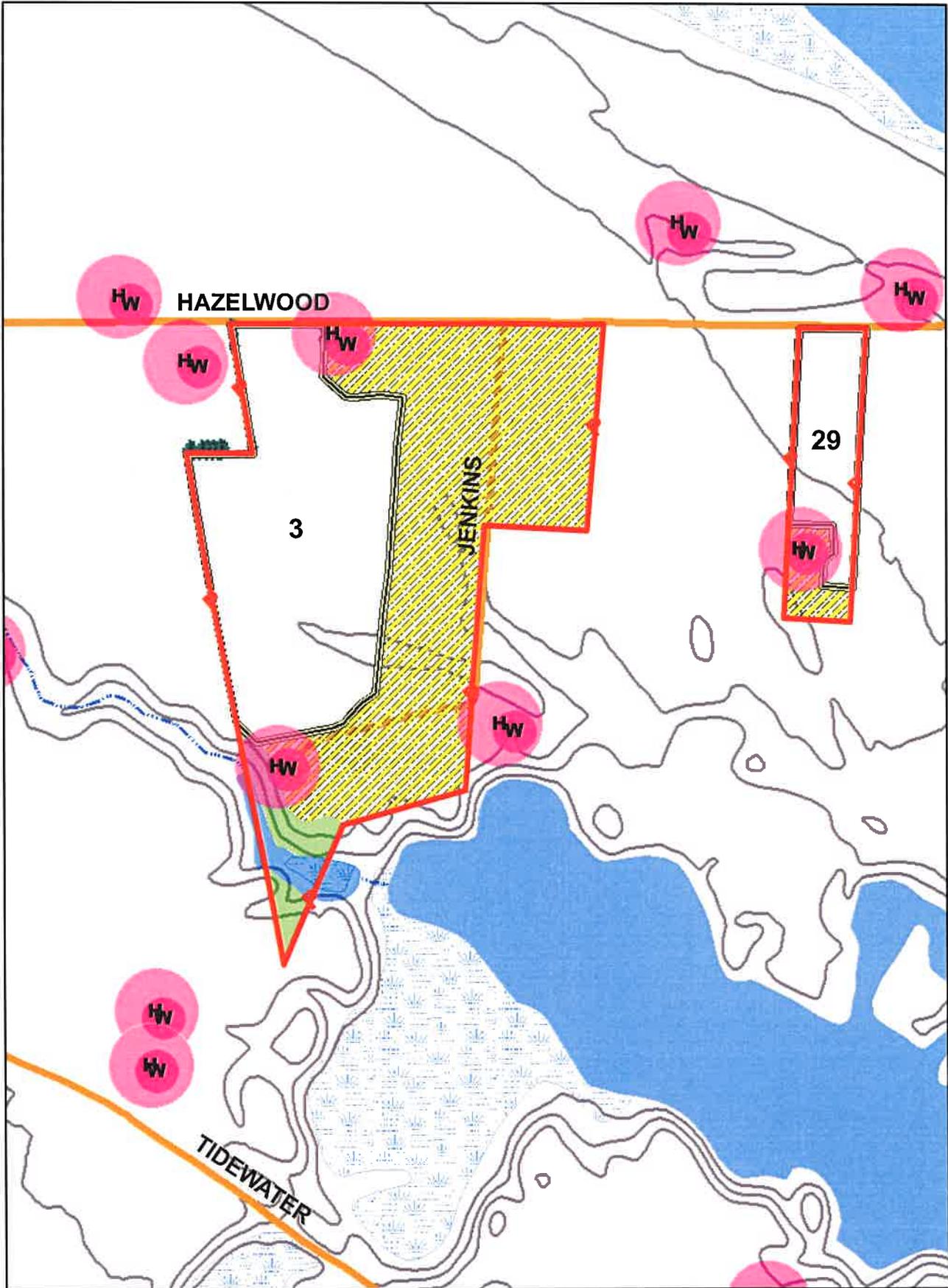
*Buffer can be reduced or waived upon written consent from landowner.



5-6-19

SITE PLAN

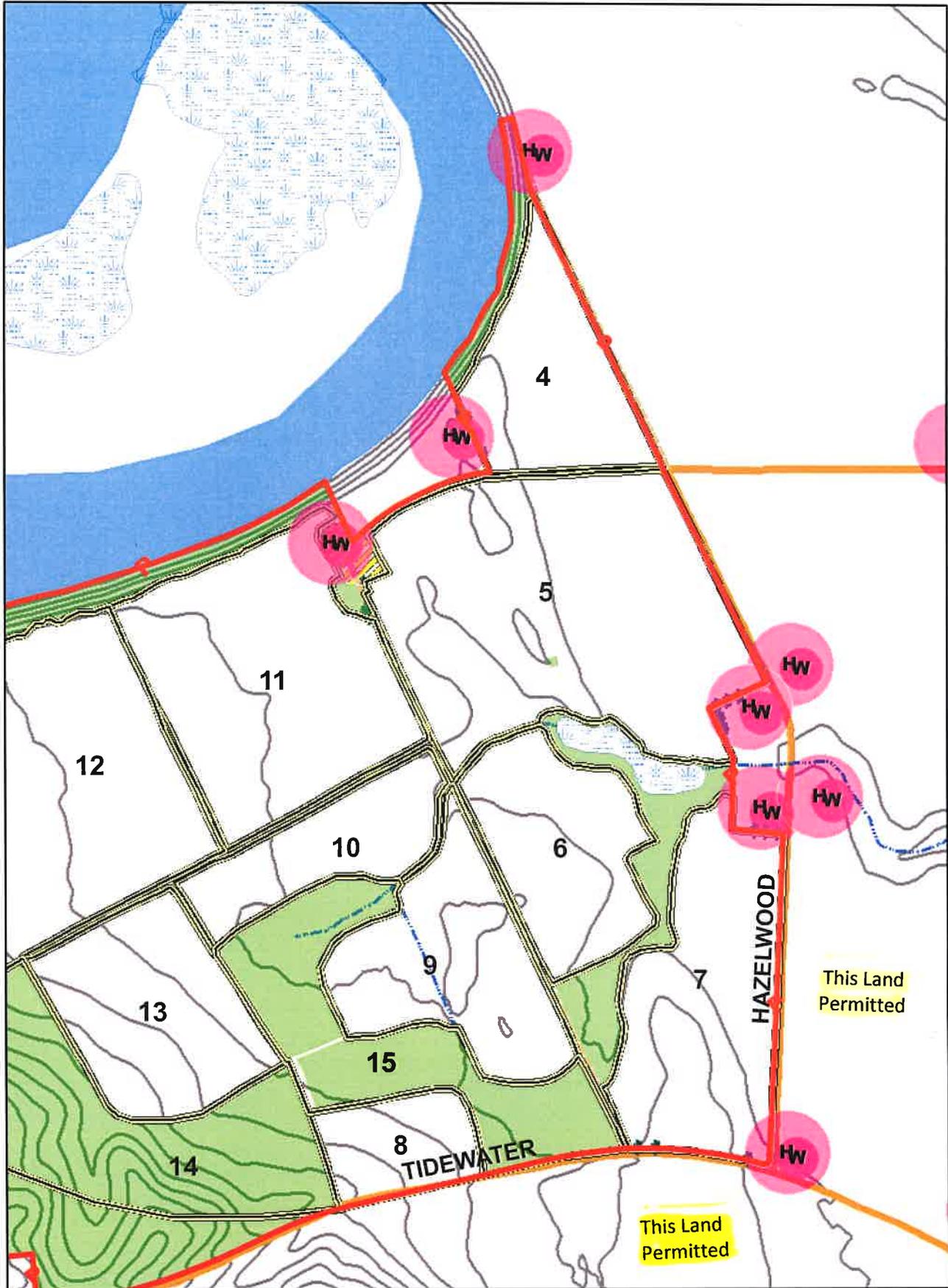
1 in = 660 feet



5-6-19

SITE PLAN

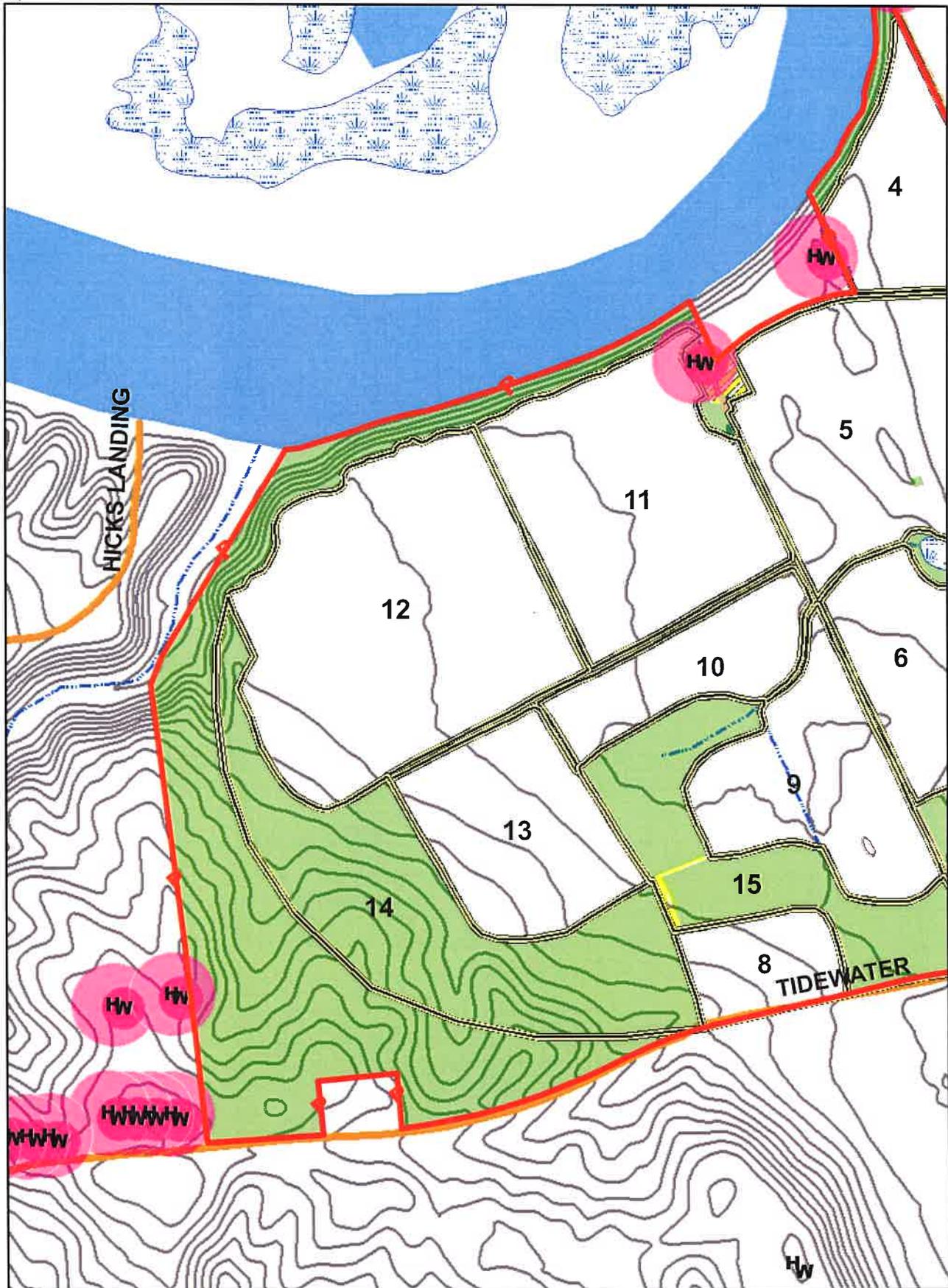
1 in = 660 feet



5-6-19

SITE PLAN

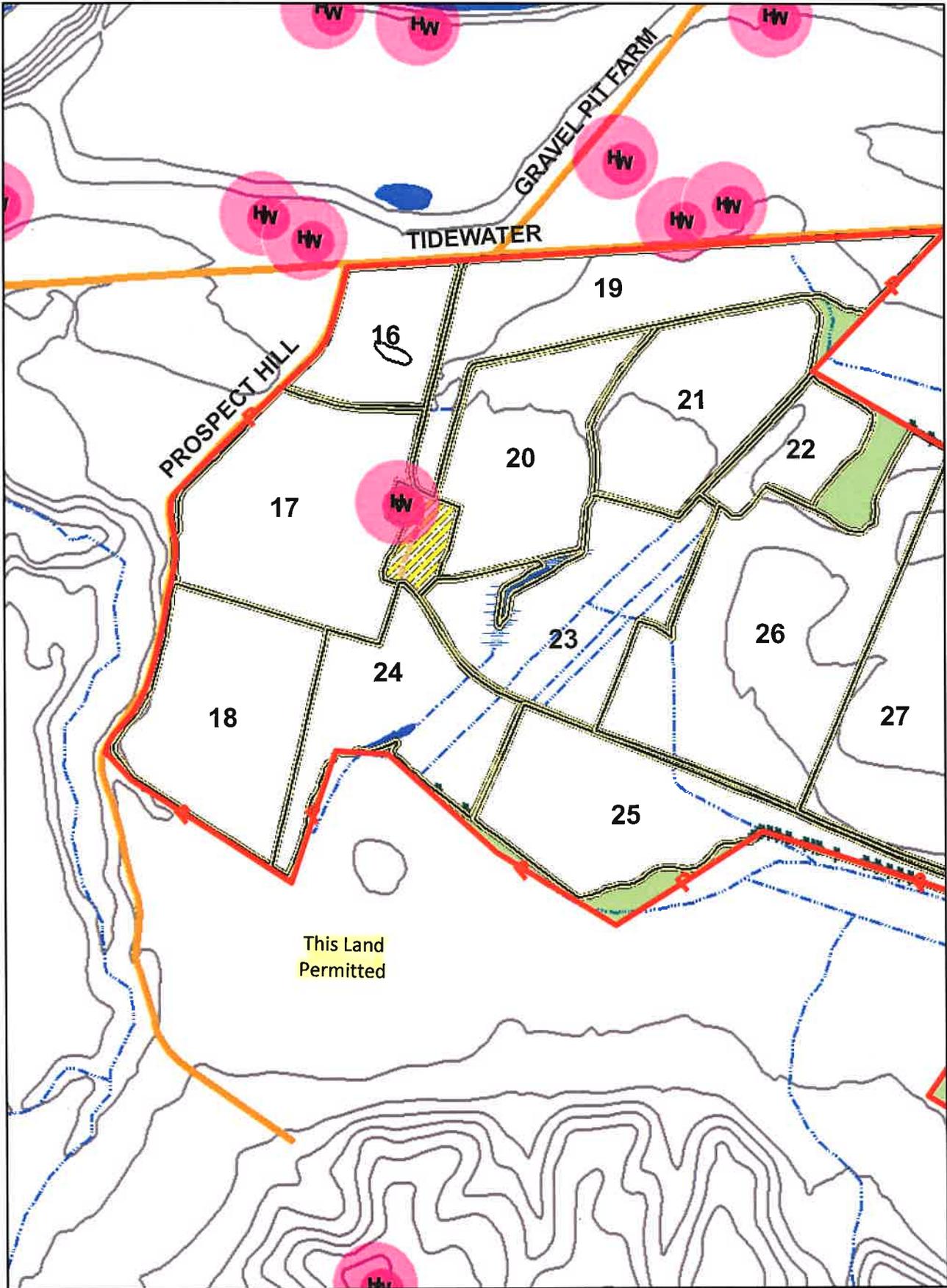
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5-6-19

SITE PLAN

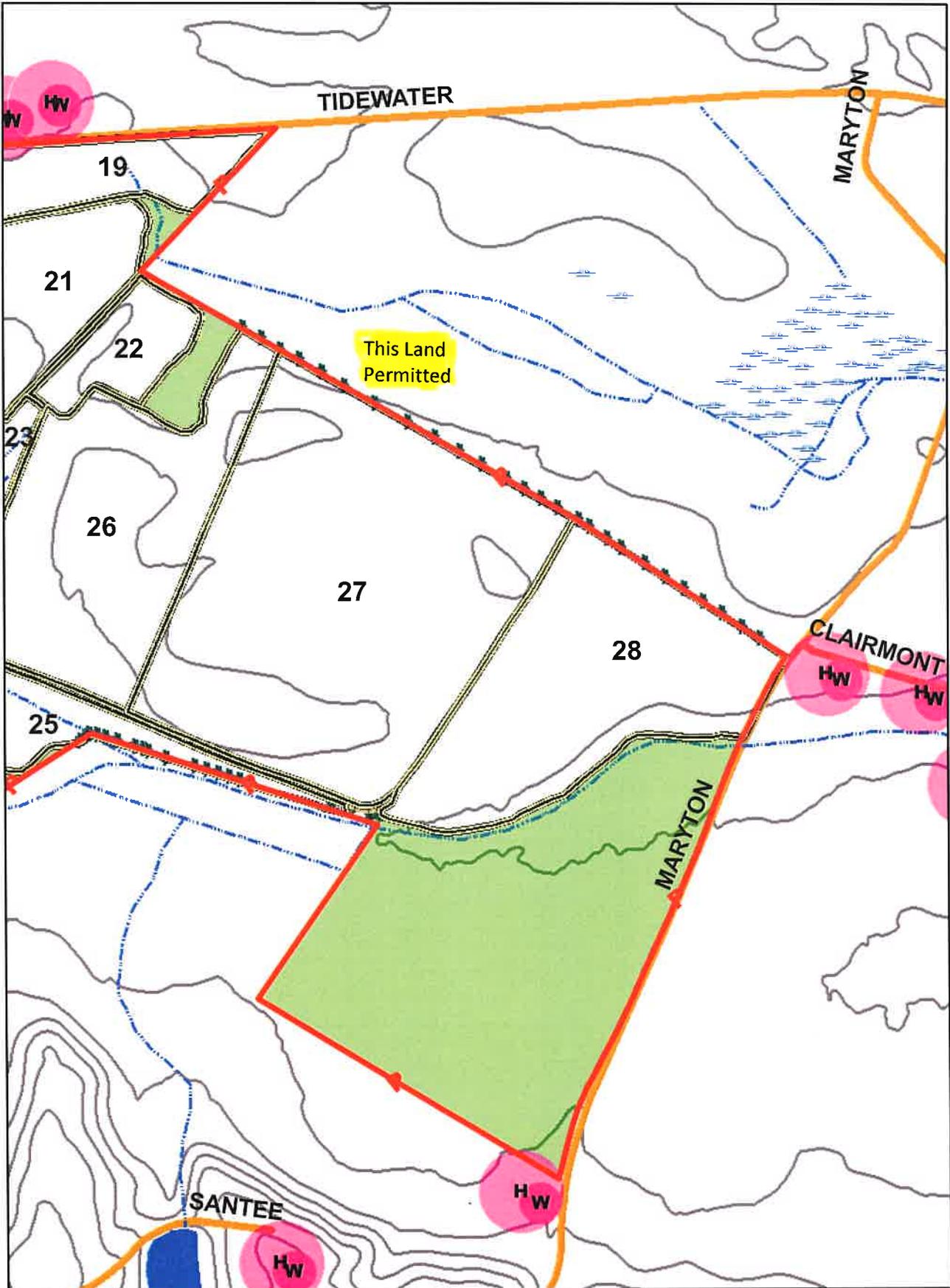
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5-6-19

SITE PLAN

1 in = 660 feet

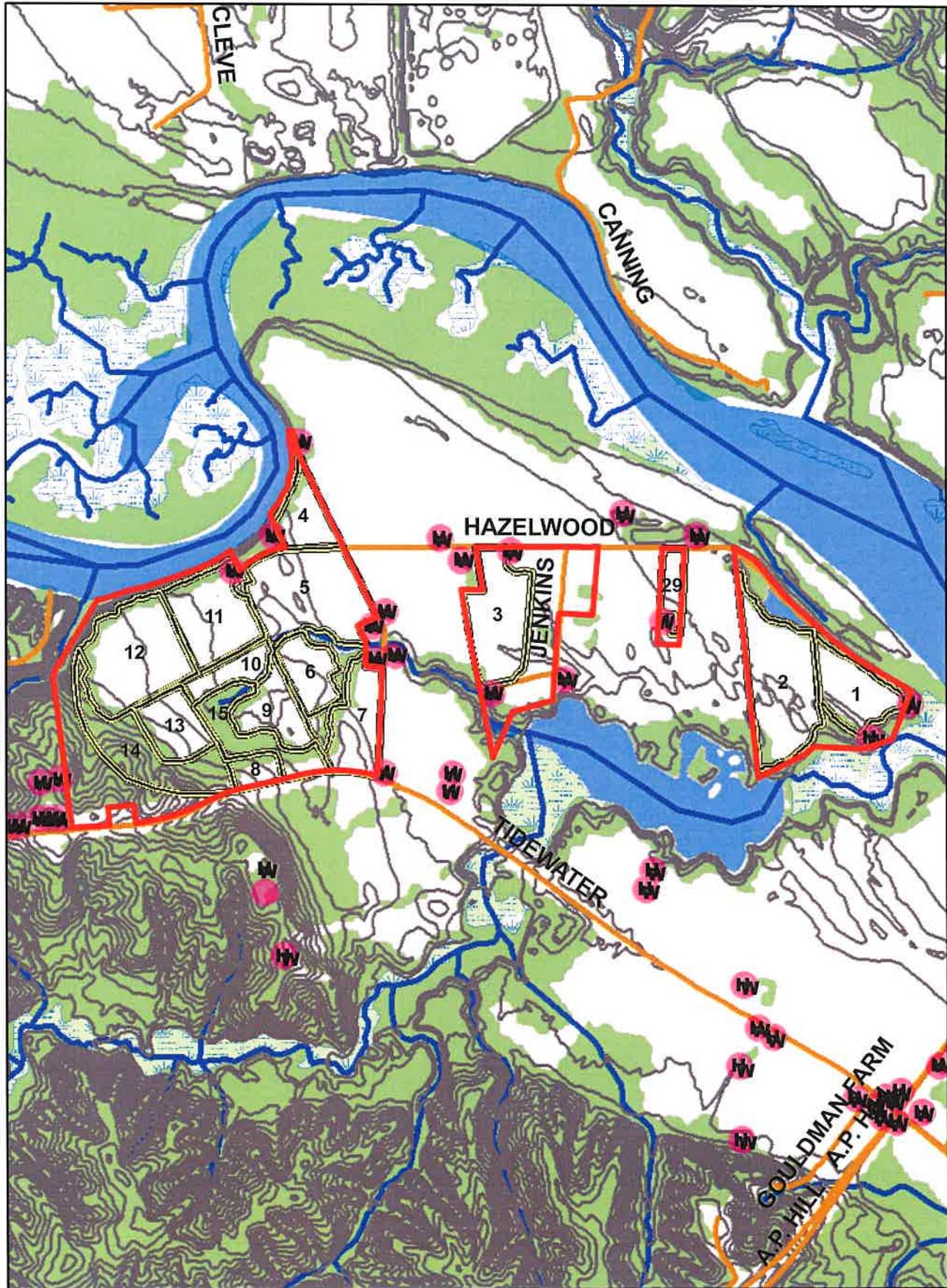


5-6-19

SITE PLAN

1 in = 660 feet

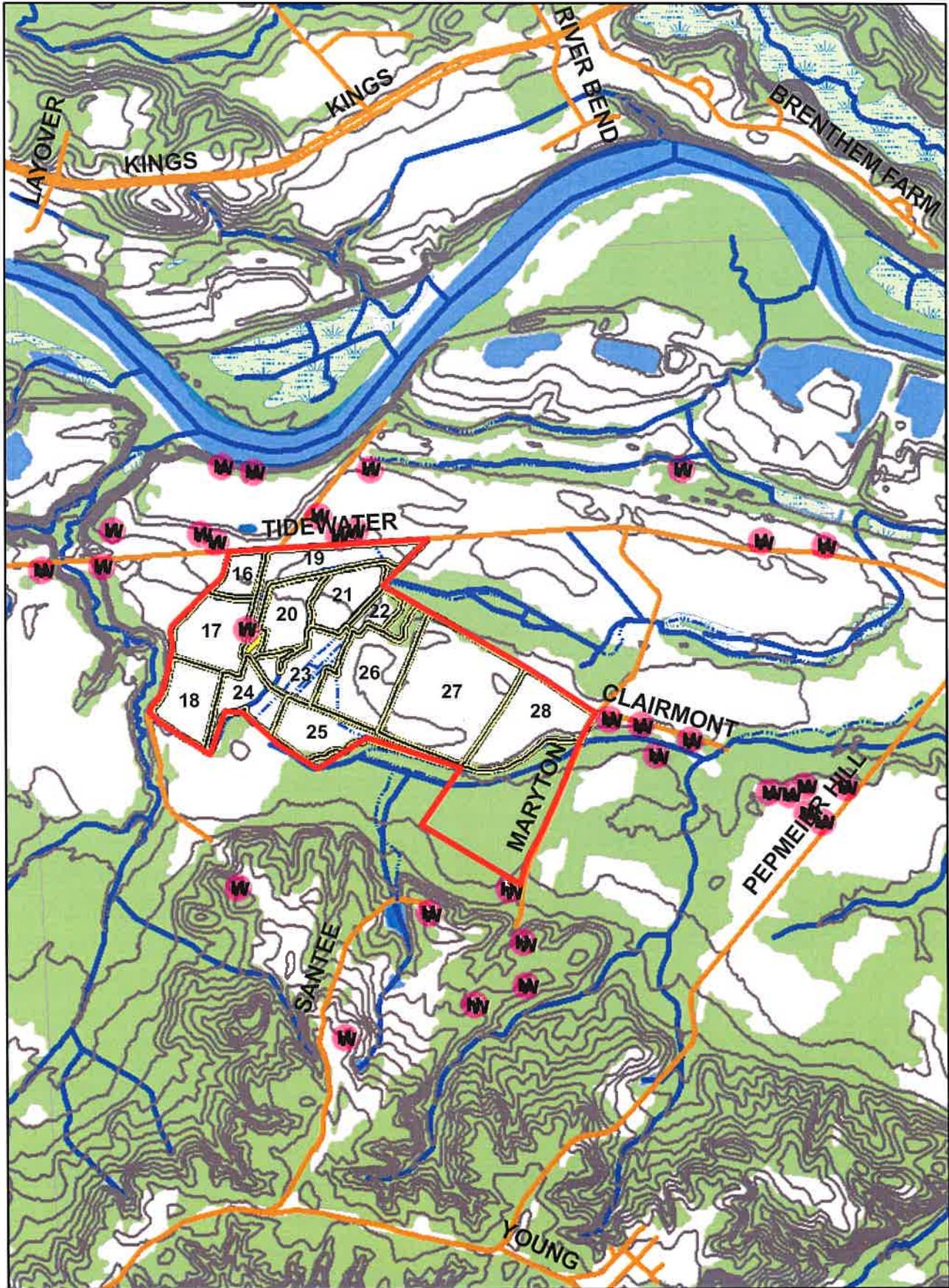




5-6-19

TOPOGRAPHIC MAP

1 in = 2,000 feet



5-6-19

TOPOGRAPHIC MAP

1 in = 2,000 feet