

Currituck County GIS Online Mapping Application

User Instructions and Reference



The Currituck County GIS Online Mapping Application is designed to provide basic information to the general public about property located within Currituck County. Therefore, the site attempts to be intuitive and user-friendly. Every attempt will be made to keep the data updated, relevant and accurate. Over the course of time the data and operation of the website will evolve based on public need and staff ability. However, this website does not represent all of the data that may be available to the public from various County departments. If you can not find what you are looking for, you may want to contact the responsible department directly or refer to the Currituck County government webpage at www.currituckgovernment.com for further information.

This User Instructions and Reference document attempts to explain the very basic operation of this website. Therefore, every tool or function may not be explained in detail. You are encouraged to explore the website and determine for yourself its' operation and functionality.

Overview of Tools

Zoom In



The Zoom In function simply zooms into the map at a fixed ratio, centered on point where you click with the mouse, or will zoom to a defined extent. To use it, click on the Zoom In icon and then on the map where you wish to zoom, or click on the Zoom In icon and then click and drag on the map to zoom to that specified area.

Zoom Out



The Zoom Out function simply zooms out on the map, a fixed ratio, at the point where you click with the mouse. To use it, click on the Zoom Out icon and then on the map from where you wish to zoom out.

Pan/Recenter



The Pan/Recenter function allows you pan across the map. To use it, click on the Recenter icon and then on the area of the map you want to move, and drag until the desired location is reached and unclick the mouse. The map image will then be recentered. (Hint: You can only pan across the extents of the map; you must unclick the mouse and pan again to get beyond the extent of the window)

Identify Features (Select)



The Identify Features (Select) function allows you to pick features on an Active Feature Layer. This Feature Layer must be turned on in the Layers Panel in order to be selected. In addition, the layer to be selected needs to be highlighted in the drop-down menu in the lower right hand corner, which appears after the Select Features button has been clicked. To select click on a polygon feature to identify it, or using the identify tool draw a box around the

point or line that is to be selected. Information regarding the selected feature from the data layer is returned in the right hand panel of the screen.

Buffer Features



The Buffer Features function allows you select parcels within a specified distance of a point clicked on the map. This is not the tool one should use for obtaining Adjoining Property Owner information.

Measure



The Measure function allows you to find the distance between two map points or the cumulative distance along a group of points using various units of measure. In order to measure the distance between two map points or along a group of points, click the Measure Icon. The “Measure” Screen then appears in the lower right hand window. From the “Units” dropdown, select the units you wish to use from Feet, Meters, Yards, Miles or Kilometers. Next, begin picking points on the map. “Push Pins” are placed at each of your points, connected with red lines and displayed as the Cumulative Distance in the Measure Screen. When points are placed to form an enclosed area, the area in square units as well as acres will be displayed in the Measure Screen as well. Selecting the “Clear” button, will clear the readout and all of your map points.

Find Latitude-Longitude Coordinates



The Find Lat-Long Coordinates function allows you to pick a point on the map and see its position readout in Latitude/Longitude degrees, minutes and seconds. After selecting the tool, click anywhere on the Map and the coordinates will be shown in the lower right hand of the screen.

Redraw Map



The Redraw Map function allows you to redraw the map. To use it, click on the Redraw Map Icon and the map is redrawn. This may be used instead of the Update Map button at the bottom of the layers panel as well.

Zoom Previous



The Zoom Previous function simply zooms to the last location on the map. To use it, click on the Zoom Previous icon and the map returns to the last zoom location on the map.

Zoom to Initial Extent



The Initial Extent function simply zooms to the full map extent. To use it, click on the Initial

Extent Icon and the map zooms to the full extent.

Save Map Image

The Save Map Image function allows you to save the on-screen Map Image to your computer as a jpeg image.

Print

The Print function sends 1 of 3 printable documents to your printer. You can print either the Map Image on your screen, the Search Results from a query, or the Selected Feature Data about a particular object you have selected.

Other Features

Vicinity Map

The Vicinity Map is located in the bottom left-hand corner of the page. The Vicinity Map displays current map location in relation to the full map extent. Clicking anywhere on the Vicinity Map while the Zoom In tool is selected will move the map display to that location.

Searching Options

Currently there are eight predefined search options. They are; 1) Owner Name Search, 2) Parcel ID Number Search, 3) Address Search, 4) Street Search, 5) Subdivision Search, 6) Real Estate Sale Date Search, 7) Real Estate Sale Price Search, and 8) Real Estate Sales Search. To begin a search you must click the “Search” button in the top right-hand side of the page then select the option you wish to use. You will be provided user-defined fill-in boxes.

| Mapping | Search |
|--|--------|
| Owner Name Search | |
| Select this option to search by an owner's last name. (example: JONES) | |
| Parcel ID Number Search | |
| Select this option to search by a Parcel ID Number. (example: 002400000010000) | |
| Address Search | |
| Select this option to search by property address. You only need to enter Number and Street Name. (example: 153 COURTHOUSE) | |
| Street Search | |
| Select this option to search for properties along a street. You need to only enter Street Name. (example: CARATOKE) | |
| Subdivision Search | |
| Select this option to search by a Subdivision Name. (example: RANCLAND) | |
| Real Estate Sale Date Search | |
| Select this option to search by real estate sales date. (format: YEAR-MONTH-DAY, 2008-01-01) | |
| Real Estate Sale Price Search | |
| Select this option to search by real estate sale price. | |
| Real Estate Sales Search | |
| Select this option to search real estate sales by date, price and township. | |

Following is an example of a search based on the Owner's Last Name:

[Show All Searches](#)

Owner Name Search

Select this option to search by Owner's last name

Last Name:

LEE

LEE
 LEEDY
 LEE HOLDING LLC
 LEEPER
 LEES

[Export Query to CSV](#)

Run Search

At the bottom center of the page, the property/properties are listed that meet the search criteria:

| Parcel ID # | BILL OWNER FIAME | BILL OWNER LIAME | SUBDIVISION | ST HBR | ST DIR | ST NAME | ST TYPE | CITY | ZIP | ADDTL OWNER |
|-----------------------------------|------------------|------------------|---------------|--------|--------|-----------|---------|------------|-------|-------------|
| 1 110B00300080000 | FLORENCE M. | LEE | ASB BLKS 1-11 | 156 | | ALBEMARLE | ST | JARVISBURG | 27947 | |

When you click on the Blue Parcel ID #, you will zoom to that particular property and information about that property will appear on the right-hand side of the screen:

Mapping **Search**

[Show All Selections](#)

Selection Options

Selected Parcels Feature

PARCEL ID # 110B00300080000

LAND TAX VAL 14050.50

BUILDING VALUE 0.00

MISC BLDG VAL 0.00

MARKET TOTAL 14050.50

LAND DEFERRED 0.00

ACRES LEGAL 0.00

ACRES GIS 0.13000

SUBDIVISION ASB BLKS 1-11

SUBD LOT # 8

LEGAL DESC ALBEMARLE SOUND B... BLOCK 3, LOT 8

ST HBR 156

ST DIR

ST NAME ALBEMARLE

ST TYPE ST

CITY JARVISBURG

ZIP 27947

BILL OWNER FIAME FLORENCE M.

BILL OWNER LIAME LEE

BILL ADDR 1 PO BOX 7443

BILL ADDR 2

BILL CITY KILL DEVIL HILLS

BILL STATE NC

BILL ZIP 27948

SALE DATE

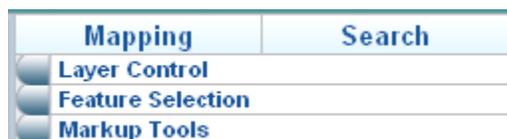
| Parcel ID # | BILL OWNER FIAME | BILL OWNER LIAME | SUBDIVISION | ST HBR | ST DIR | ST NAME | ST TYPE | CITY | ZIP | ADDTL OWNER | Map |
|-----------------------------------|------------------|------------------|---------------|--------|--------|-----------|---------|------------|-------|-------------|-----|
| 1 110B00300080000 | FLORENCE M. | LEE | ASB BLKS 1-11 | 156 | | ALBEMARLE | ST | JARVISBURG | 27947 | | |

The Parcel ID Number, Subdivision Name and Address searches all work similarly. All

results from a search can be printed or exported to your computer:

Seeing Map Data Layers

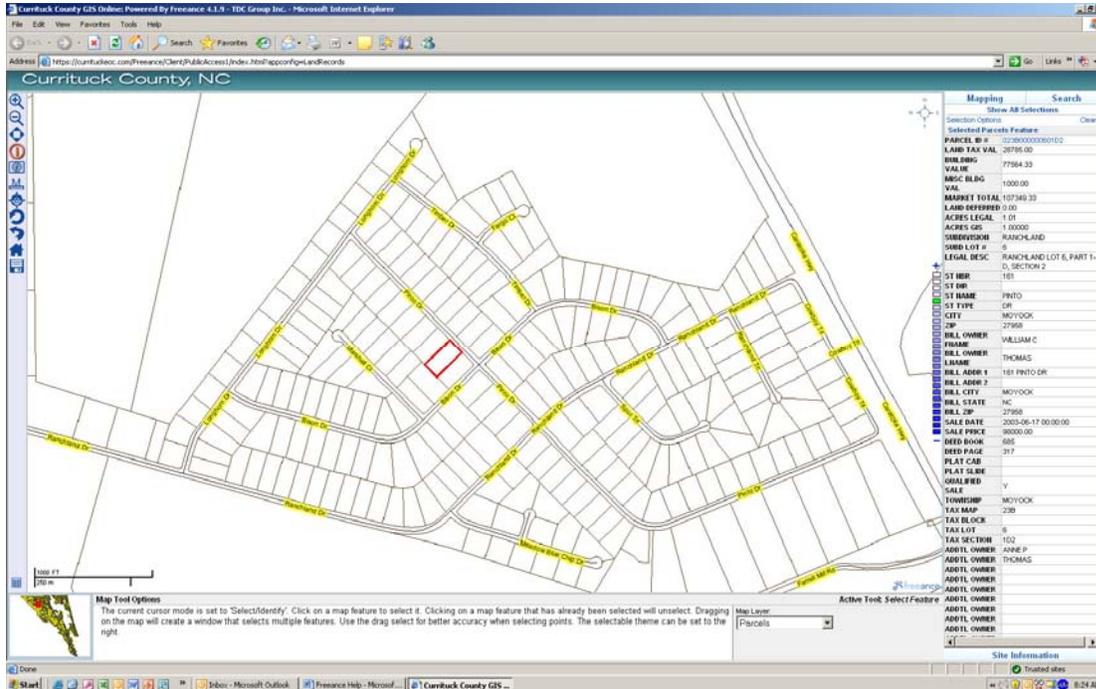
This website allows you to view many different GIS map data layers, such as parcels, soils, wetlands, etc. In order to choose what layers you wish to see, you must first select the “Mapping” button, then the “Layer Control” button:



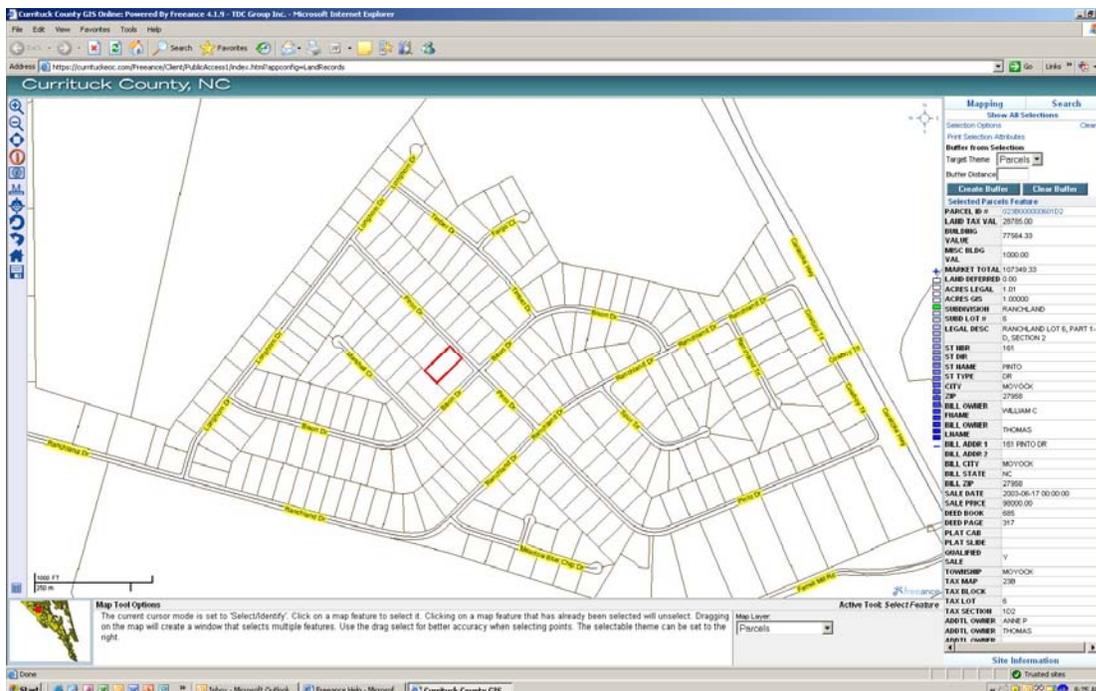
You can then select or deselect which layers you wish to see. After you have made your selection simply click the “Update Map” button or the “Redraw Map” function  .

Buffering a Parcel for Adjoining Property Owner Information

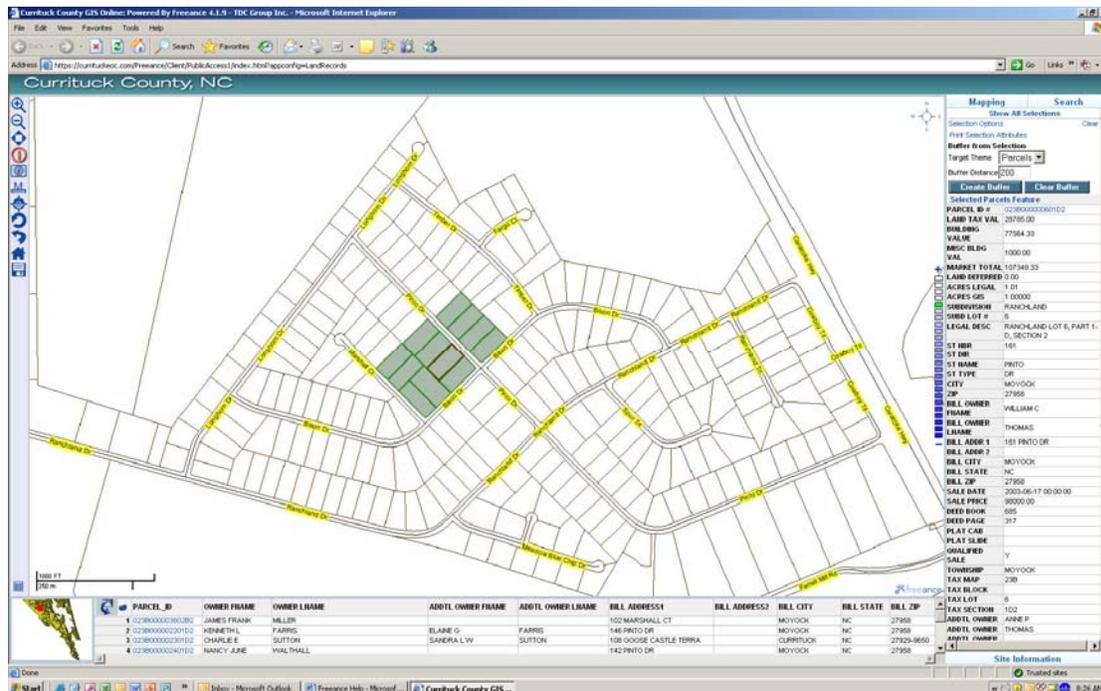
First you must select the “subject parcel” by manually selecting it with the “Identify Features” tool, or by locating it by one of the Search functions.



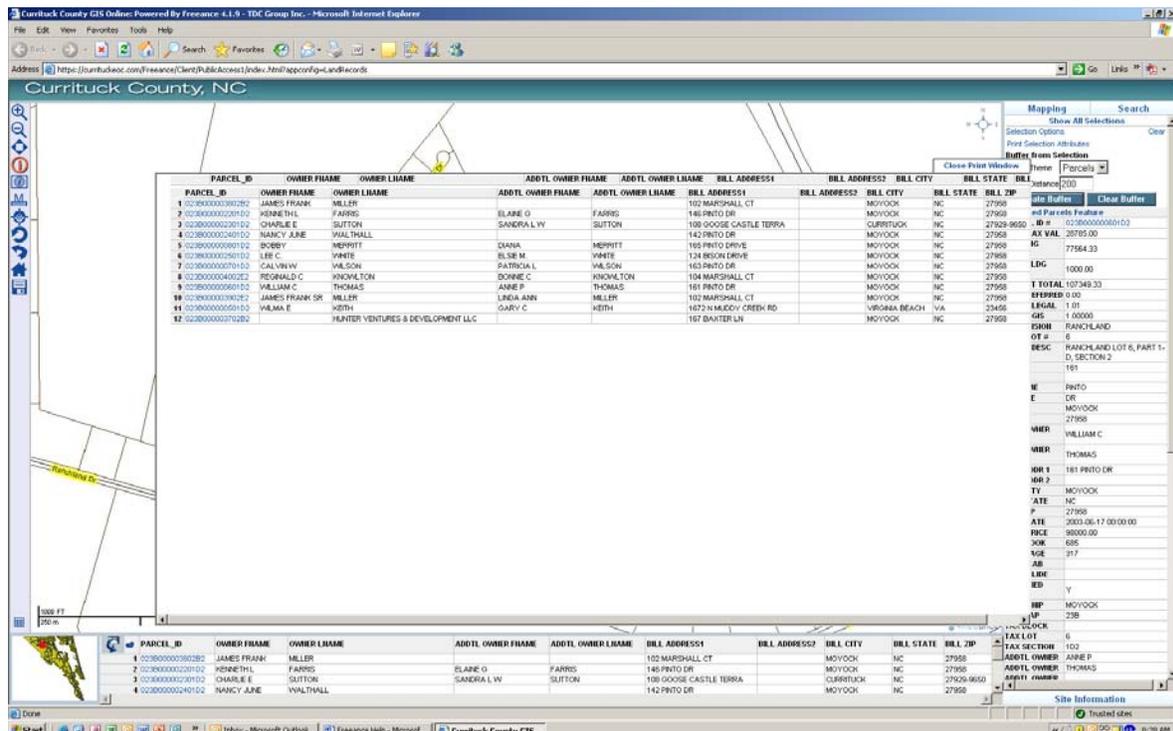
Then you must click on the “Selection Options” option.



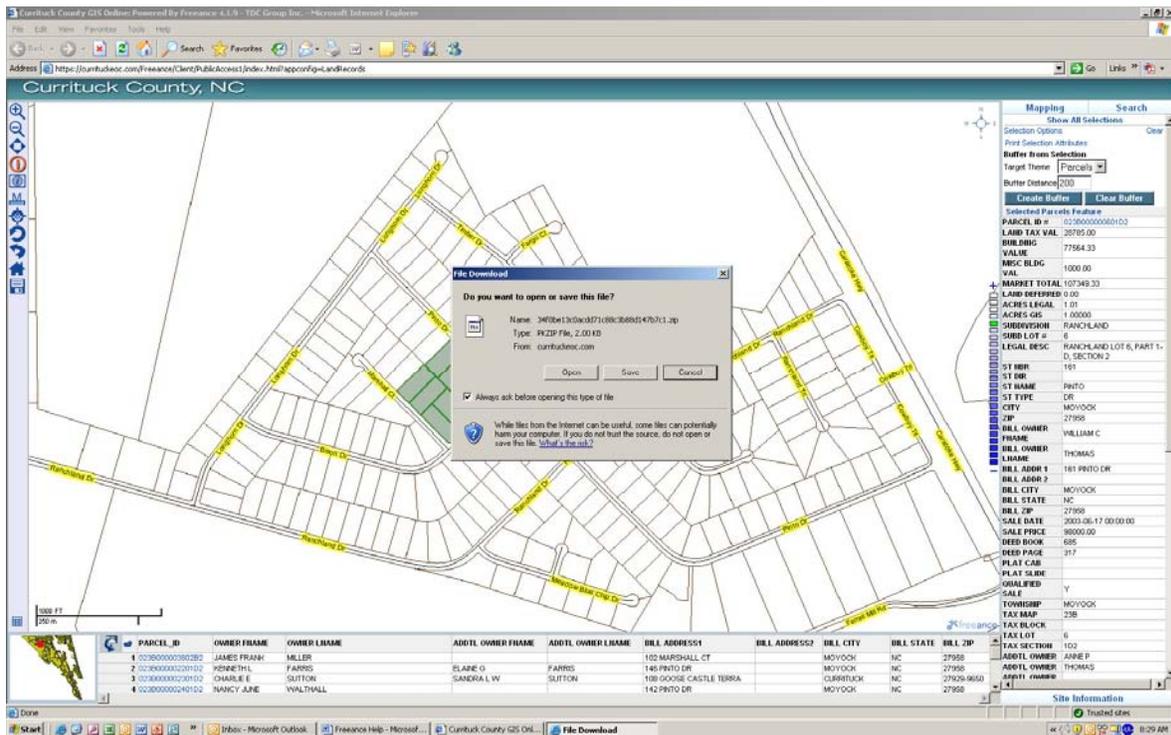
Then you must enter your desired “Buffer Distance” (in feet) in the appropriate box and click “Create Buffer”



The selected parcels appear green and the ownership information appears at the bottom of the screen. You may then print this information by clicking on the icon that looks like a printer that appears on the table:



Or you can download the data to your computer by clicking on the “Export to CSV” icon on the table which will place a .zip file on your computer that you can open to produce mailing labels:



Adding Text, Symbols, Lines or Polygons (Map Markup) to your map.

This function allows you to add text, a symbol, a line or a polygon to your map in order to convey your particular information. You must select the “Mapping” tab in the upper right corner, then “Add Text, Symbols or Lines to Map. You then have several predefined options to add a particular feature to your map, which you can then save or print.

| Mapping | Search |
|-------------------------------|-------------------|
| New Markup | Existing Markup |
| Add New Markup | |
| Markup Layer: | |
| Property Dimensions | |
| Point | |
| <input type="radio"/> | Star |
| <input type="radio"/> | Diamond |
| Line | |
| <input type="radio"/> | Black Dotted Line |
| <input type="radio"/> | Red Dash Line |
| Save Currently Drawn Line | |
| Erase Currently Drawn Line | |
| Polygon | |
| <input type="radio"/> | Red Boundary |
| <input type="radio"/> | Black Cross Hatch |
| Save Currently Drawn Polygon | |
| Erase Currently Drawn Polygon | |
| Text | |
| <input type="radio"/> | Text 1 |
| <input type="radio"/> | Text 2 |

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Any questions not answered in this document or comments about Currituck County GIS Online may be directed to:

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