

DAVIDSON COUNTY

WEBGIS

HOW TO GUIDE

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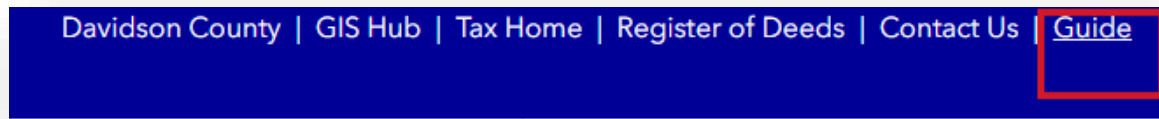
SEPTEMBER 2025



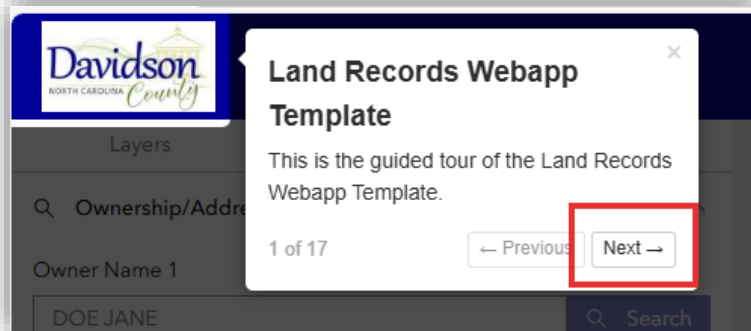
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Guide

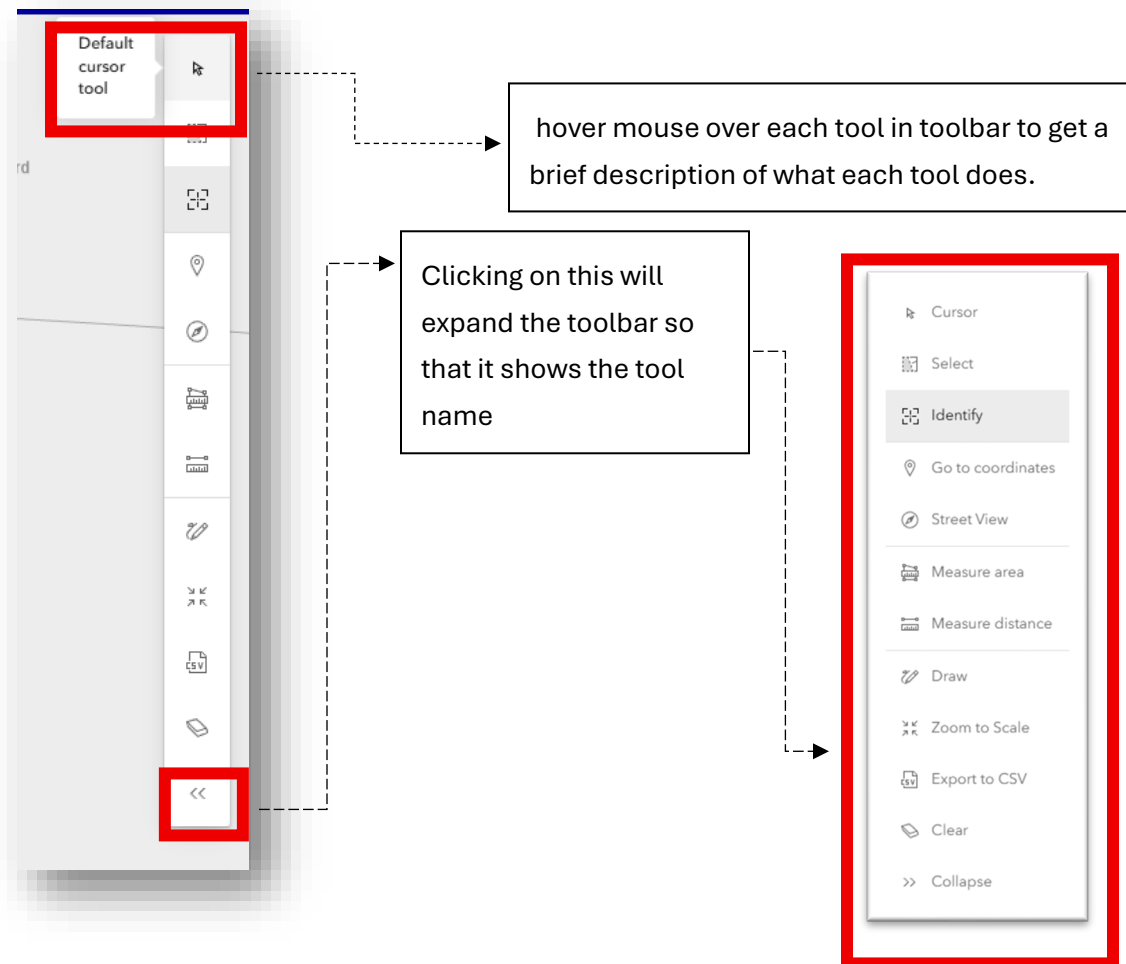


- It is *highly* recommended to click the 'Guide' button in the upper right corner of the header. Doing so will provide brief highlights of each section of the web application



- Click 'Next' after reviewing the text of each pop-up window to get a synopsis of what the tool and/or section is. You can always exit out at any time by clicking the x in the upper right corner of the box.

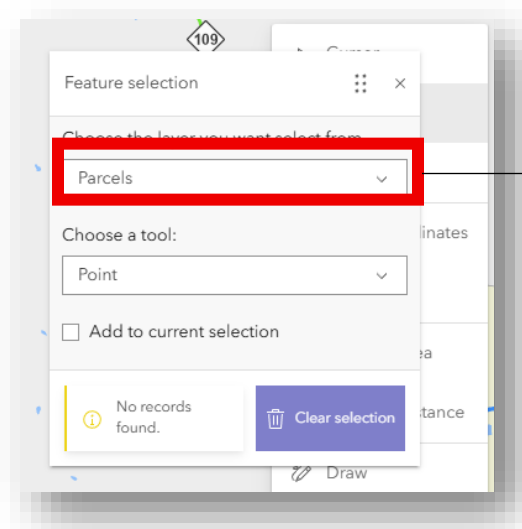
Toolbar



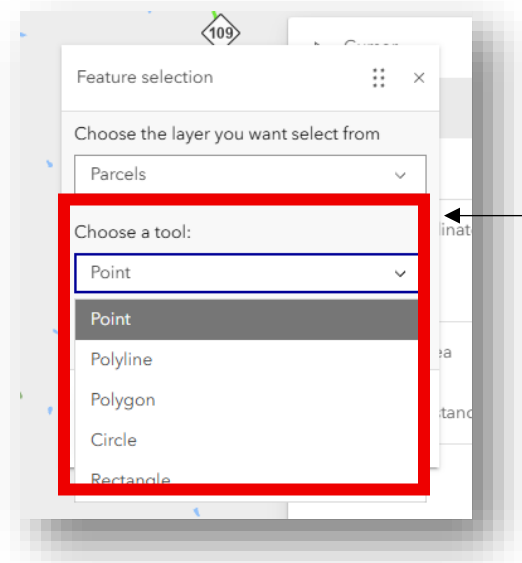
Here is a list of the tools in the toolbar:

- Curser
- Identify
- Go to coordinates
- Street View
- Measure area
- Measure distance
- Draw
- Zoom to Scale
- Export to CSV
- Clear
- Print

Select tool



The **Select** tool allows you to first pick from a choice of layers that are in the web map



Then you can select a tool from the drop-down list to make your selection.

If you are wanting to select layers, such as parcels or other polygon layers, that you may want multiple results for, using the **Polygon**, **Circle**, **Polyline** or **Rectangle** tools will allow for a larger search area. (see ex. 1 on following page)

The **Point** tool is useful when you narrow down to one specific polygon. (see ex. 2 on following page)

Current Owner	Parcel ID	Legal Description	Legal Land Units	Legal Land Type
LAMBETH TIMOTHY W	1302700000012	L12 BK2680-2390 TOM EVERHART	2	AC
WAGNER CAROL G	1302700000042	L42 BK660-224 HOY LONG	6.6	AC
VALADEZ CRISTINA ROMAN	1302700000008	L8 BK2715-2008 HOY LONG RD	2.6	AC
DARR BONNIE	1302700000011	L11 BK2488-1710 HOY LONG RD	5.46	AC
LAMBETH TIMOTHY W	1302700000032	P895 19 L32 BK2697-248 TRA	2.08	AC
COLLINS JOHNNY RAY TRUSTEE	1302700000023	L23 BK2573-1093 HOY LONG RD	2.05	AC
ARMSWORTHY BRYAN C	1302700000009	L9 BK2258-98 HOY LONG	1	AC
WILLIAMS THADDEUS SCOTT	13027A0000005	L5 P857-87 TRACT 1 BK2033-1584	4	AC
SMITH RANDY LYNN	1302700000011C	L11C BK1253-457 TOM EVERHART	0.13	AC
EBERLE MICAH	1302700000009E	L9E BK2586-1896	7	AC
WILLIAMS SCOTTIE DEAN	1302700000027	L27 BK2410-2244 HOY LONG RD	2.13	AC
MYERS DONALD R	13027A0000006	P844 34835 L6 BK2271-619	16.74	AC

Ex. 1 – Search using Polygon tool on Parcel layer

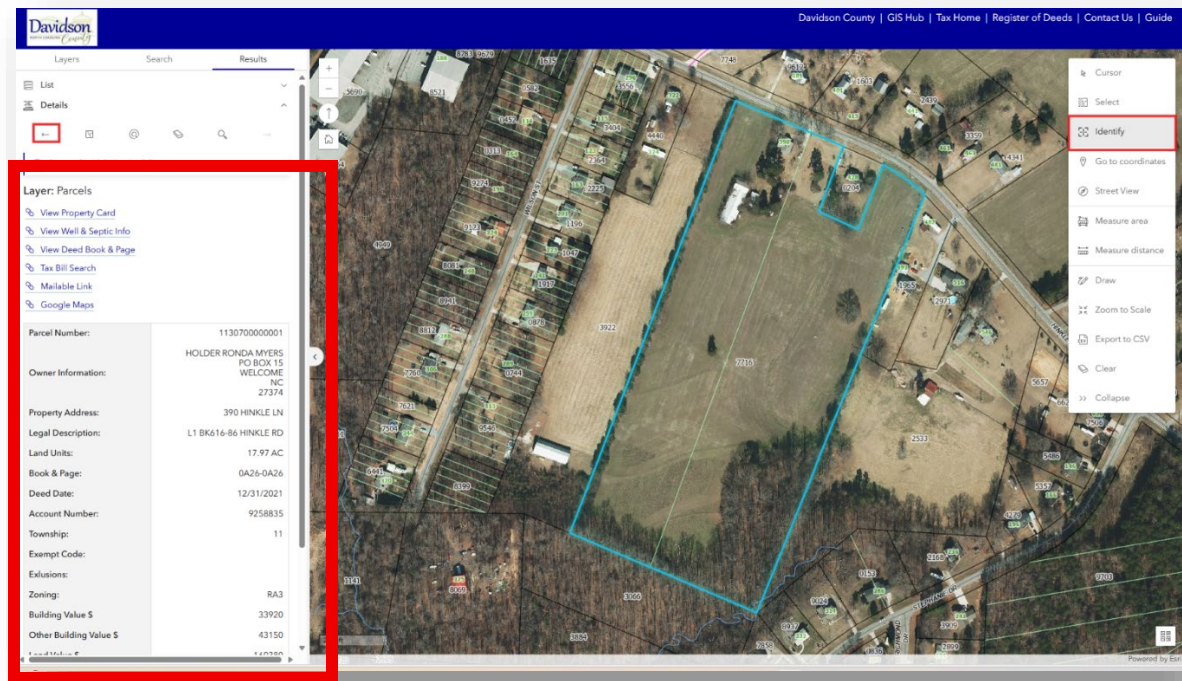
Layer: DC webGIS Identify/Layers - Parcels

- [View Property Card](#)
- [View Well & Septic Info](#)
- [View Deed Book & Page](#)
- [Tax Bill Search](#)
- [Mallable Link](#)
- [Google Maps](#)

Parcel Number:	1302700000042
Owner Information:	4097 RIDGE RD LEXINGTON NC 27295-0000
Property Address:	HOY LONG RD
Legal Description:	L42 BK660-224 HOY LONG
Land Units:	6.6 AC
Book & Page:	0660-0224
Deed Date:	01/01/1987
Account Number:	9077276
Township:	13
Exempt Code:	
Exclusions:	
Zoning:	RA3
Building Value \$	0

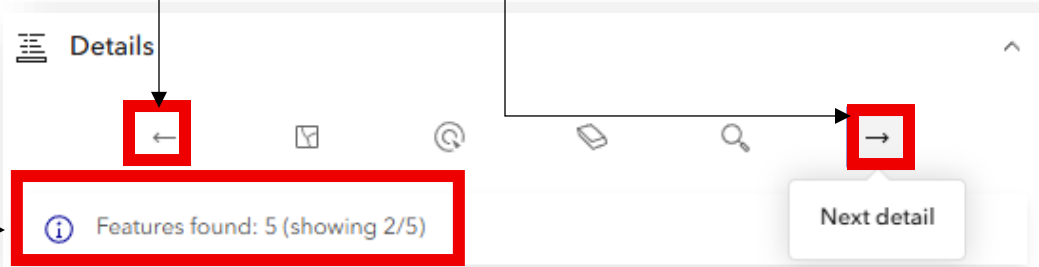
Ex. 2 – Search using Point tool on Parcel layer

Identify tool

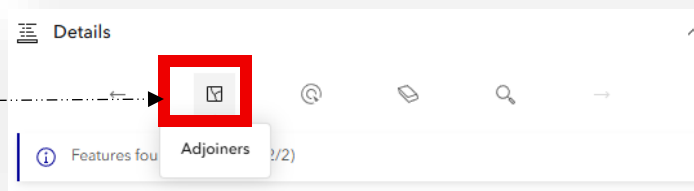


The **Identify** tool allows you to click anywhere on the map to identify specific features/layers information.

If more than one than layer is turned on, it will show '**Features Found: # (showing #/#)**', you can toggle between the layers using the bar at the top of the **Details** box.




Other features for use in the Details box are the **‘Adjoiner’** button, which will provide parcels that adjoin the parcel that was originally chosen.

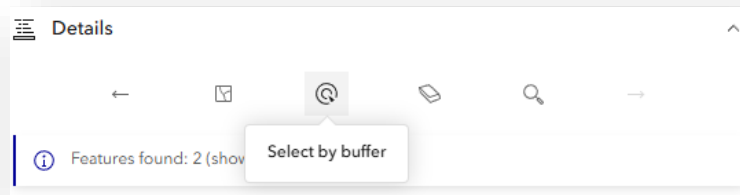


The image shows a 'Details' panel with a table of adjacent parcels and an aerial map view. The table has the following data:

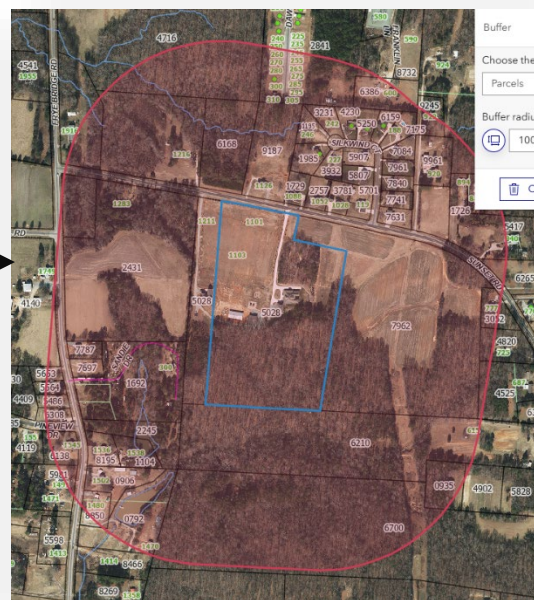
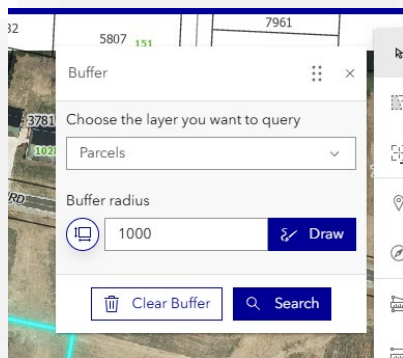
Current Owner	Parcel ID	Legal Description	Legal Land Units	Legal Land Type
RAKER MARIANNE NIFONG	0301000000020	P871-45 L20 BK2337-1147 TR 2	25.23	AC
MCKENZIE STAFFORD JR	0301000000025	L25 BK634-315 SUNSET RD	21.74	AC
CHAPEL ANDREW N ET AL	0301000000026D	L26D BK1636-838 SUNSET RD(1B)	1.51	AC
WILGEE LLC	0301000000020D	P871-45 L20D BK2549-501 TR 1	20.72	AC
EEMEA LLC	0301000000026C	L26C BK2674-2294 SUNSET	6.92	AC
HARTMAN RICHARD W	0301000000047	L47 BK6441-118&628-567 SUNSET RD	3.39	AC

Below the table, there is a 'Details' button and a 'Legend' button. To the right of the table is an aerial map view showing the selected parcel and its adjacent parcels, with blue lines indicating the boundaries.

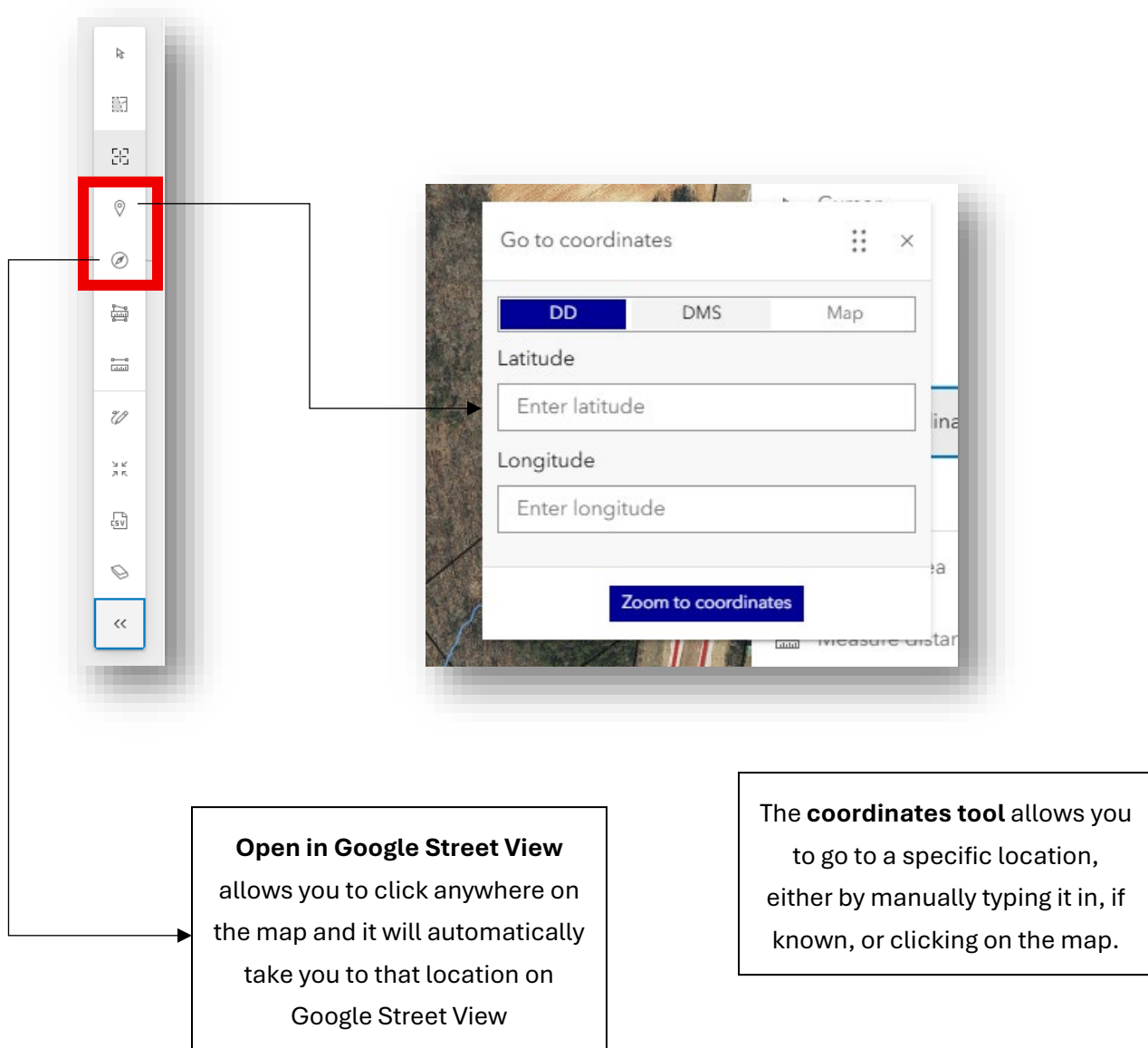
Once the results appear, you can select a new parcel or export the results to a CSV file by clicking the **‘CSV’**  button above the results box.



Another tool option is the '**Select by buffer**' tool that allows you to input a buffer radius around the parcel in question and then click the Draw button

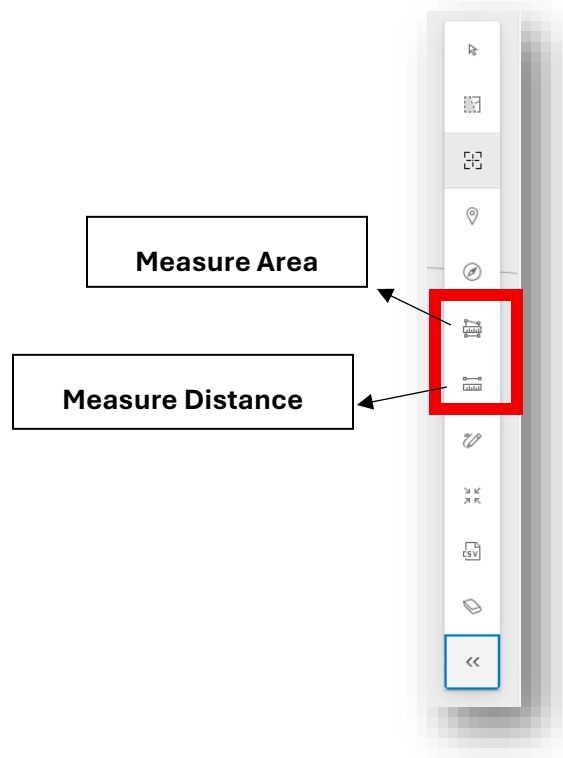


Coordinates and Open Google Street View tools

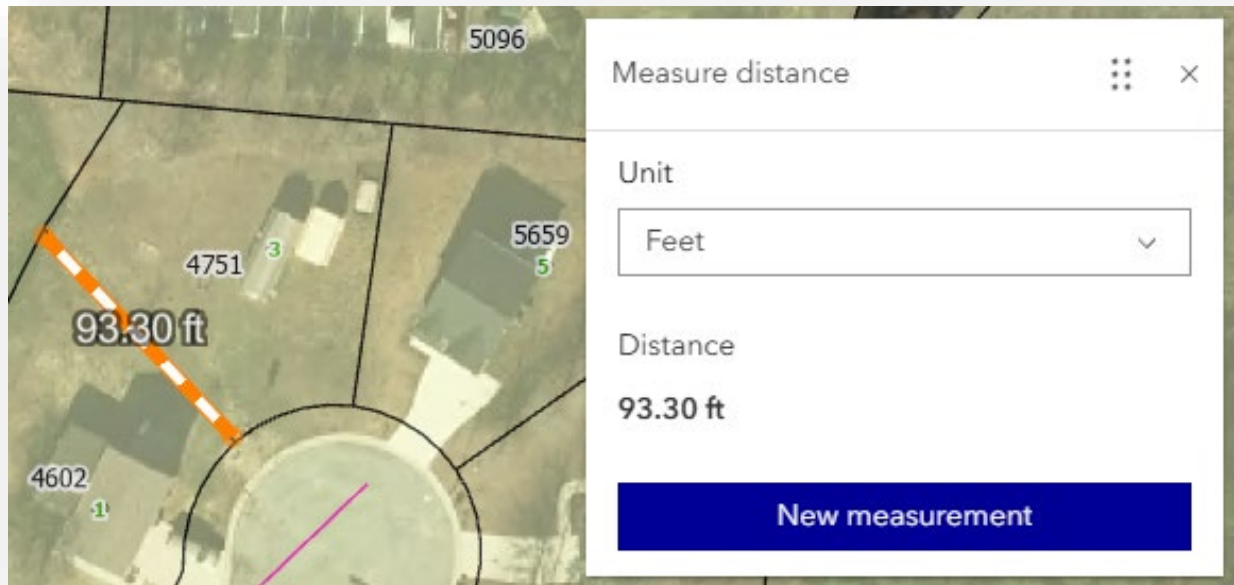


Measure Area and Distance tools

Measure Area tool – allows you to measure the area in units of acres, square feet, square meters, square miles and square kilometers by clicking around a given area to create a polygon area. You can click New Measurement to reset the box.



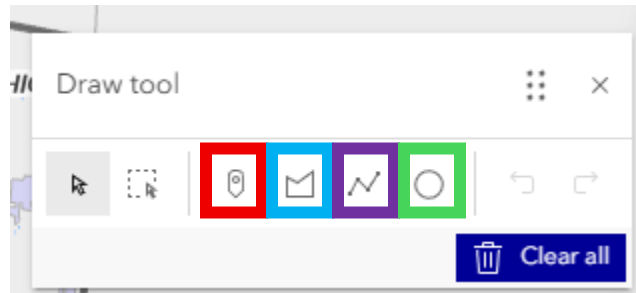
Measure Distance tool – allows you to measure the distance in units of feet, miles, meters or kilometers by clicking on the map and double clicking on the final point you want to measure the distance at.



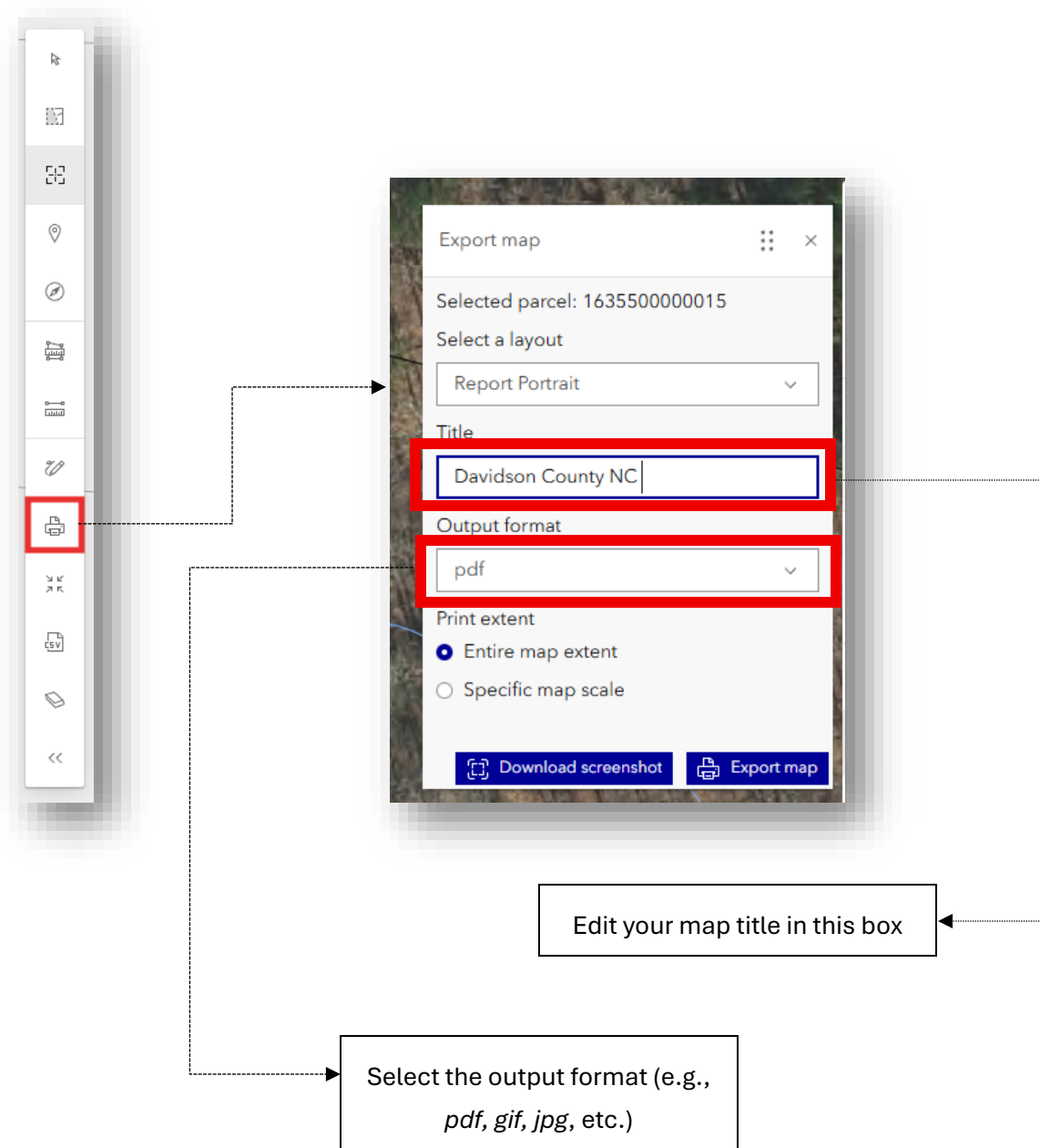
Draw tool



The draw tool allows you to draw **points**, **lines**, **polygons** and **circles** within a map. This may be helpful if you plan on using the site's print tool to print layout and want to highlight specific features.



Print tool



Export map

Select a layout

Property Report w/ Map

Title

Davidson County NC

Output format

pdf

Print extent

☒ Entire map extent

☐ Specific map scale

Download screenshot

Export map

You can pick from various layout sizes:

Export map

Select a layout

Property Report w/ Map

Report

Property Report w/ Map

Letter - Map Only

Letter Landscape

Letter Portrait

Tabloid - Map Only

Tabloid Landscape

Tabloid Portrait

ANSI C - Map Only

ANSI C Landscape

ANSI C Portrait

Select the print extent:

- * the entire map (map screen)
- * specific scale where you can adjust how wide or small the scale is

This will download an image of the map extent to your download folder (below image is using Chrome browser)

Davidson County

GIS_screenshot_1759773785455.png

2.1 MB • Done

Export map

Selected parcel: 1635500000015

Select a layout

Report Portrait

Title

Davidson County NC

Output format

pdf

Print extent

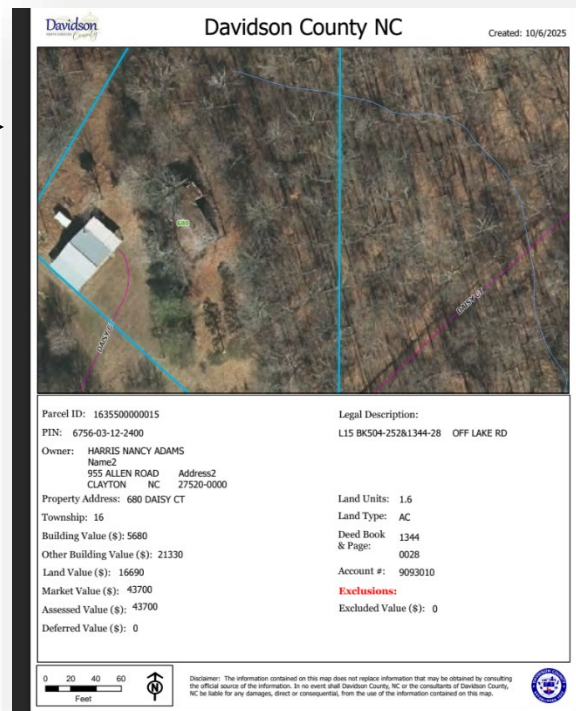
☒ Entire map extent
 ☐ Specific map scale

Download screenshot

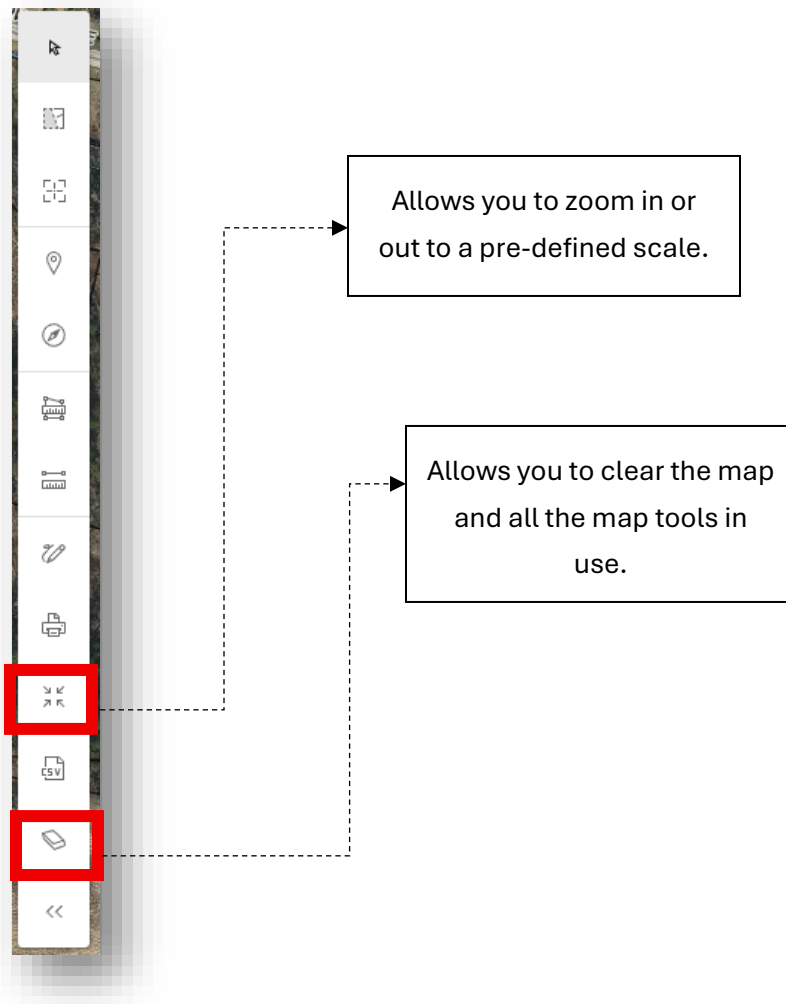
Export map

This will download a full map layout in the format chosen, with parcel information, map image and title.

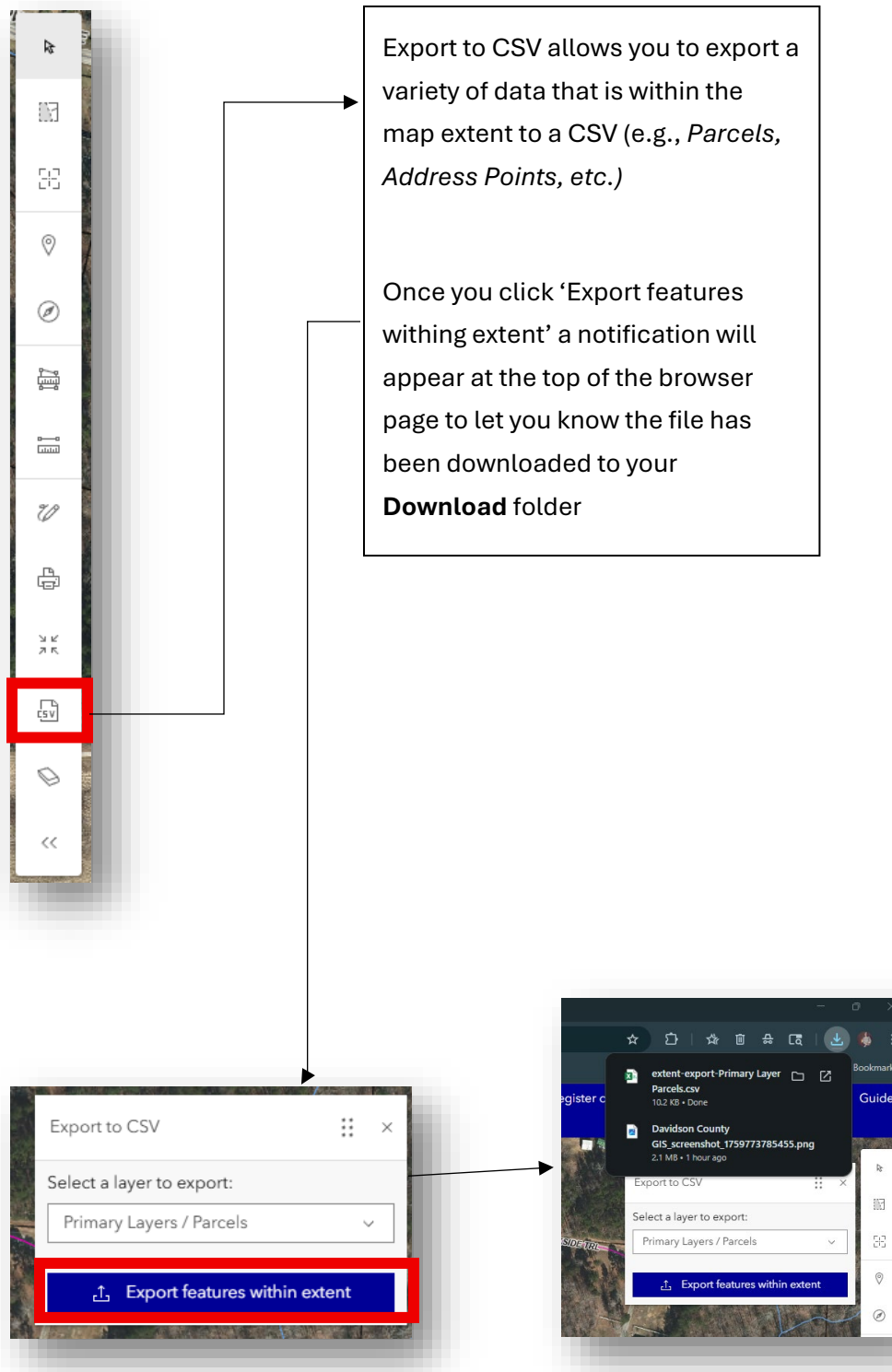
**** BE SURE TO CHECK YOUR POP-UP BLOCKER, AS IT MAY NOT ALLOW THE PDF TO AUTOMATICALLY SHOW UP AS A TAB FOR VIEWING**



Zoom to Scale and Clear Results tools



CSV tool



Search

Ownership/Address Search

The screenshot shows a web application interface with three tabs: 'Layers', 'Search', and 'Results'. The 'Search' tab is active. Below the tabs is a search bar with the text 'Ownership/Address Search'. Below the search bar are several search fields, each with a search button. The fields are: 'Owner Name 1' (with 'DOE JANE'), 'Owner Name 2' (with 'DOE JANE'), 'Parcel ID/Parcel Number' (with '1103100000012'), 'Parcel PIN' (with '6736-03-10-4381'), 'Tax Parcel Address' (with '913 GREENSBORO ST'), 'Physical Street Address' (with '913 GREENSBORO ST'), 'Street Name' (with 'Greensboro Street'), and 'Neighborhood Community' (with 'BRYSON PARK'). Each field has a search button with a magnifying glass icon and the word 'Search'. At the bottom of the search section is a 'Clear' button with a trash can icon.

Owner Name 1 or 2 – Search for parcel by owner name(s)

Parcel ID/Parcel Number – Search for parcel by ID or Number

Parcel PIN – Search for parcel by PIN number

Tax Parcel Address – Search for parcel by parcel address

Physical Street Address – Search for any currently assigned address by physical street address

Street Name – Search for specific street

Neighborhood Community – Search for address points within a specific neighborhood community

For all of the above, once you start type, a list will automatically populate and adjust, based on what is being typed.

Q Ownership/Address Search

Owner Name 1

davidson

Q Search

DAVIDSON ALCOHOLIC CARE INC
DAVIDSON ANDREA D
DAVIDSON ANIMAL PROPERTIES
DAVIDSON ARTHUR A
DAVIDSON AUTO SALVAGE
DAVIDSON CHARLES
DAVIDSON CHARLES H
DAVIDSON CO AGR FAIR ASSO
DAVIDSON CO COMM COLLEGE
DAVIDSON CO SAFE HAVEN CHURCH
DAVIDSON CO SHELTERED WKS
DAVIDSON COOPER
DAVIDSON COUNTY
DAVIDSON COUNTY AGRIC FAIR
DAVIDSON COUNTY AGRICULTURAL
DAVIDSON COUNTY AIRPORT AUTHORITY
DAVIDSON COUNTY BD OF ED
DAVIDSON COUNTY BOARD OF
DAVIDSON COUNTY CANCER
DAVIDSON COUNTY COMM COLL
DAVIDSON COUNTY COMMUNITY
DAVIDSON COUNTY FARM BUREAU INC

Example of results from Owner Name search

Neighborhood Community

bry

Q Search

Bryant Road MHP
Bryson Park
Brysons MHP

Qualified Property Sales Search - Not All Fields Are Required

*Example of results from Neighborhood
Community Search*

Advanced Parcel Search

Advanced Parcel Search - Not All Fields Are Required

Legal Land Units
Minimum Maximum

Legal Land Types
Select an option

Parcel Land Value
Minimum Maximum

Parcel Building Value
Minimum Maximum

Total Assessed Value
Minimum Maximum

Parcel Deferred Value
Minimum Maximum

Total Market Value
Minimum Maximum

Neighborhood Code
Select an option

☐ Filter results by current map extent

The screenshot shows a web form titled "Advanced Parcel Search - Not All Fields Are Required". It contains several sections for inputting search criteria. A red box highlights the "Legal Land Units" section, which includes "Minimum" and "Maximum" input fields and a "Legal Land Types" dropdown menu. A blue box highlights the value sections, including "Parcel Land Value", "Parcel Building Value", "Total Assessed Value", "Parcel Deferred Value", and "Total Market Value", each with "Minimum" and "Maximum" input fields. A green box highlights the "Neighborhood Code" dropdown menu. At the bottom, there is a checkbox for "Filter results by current map extent" and two buttons: "Clear" and "Search". Dashed arrows point from the callout boxes to their respective sections in the form.

Land units can be searched using:

- AC (acres)
- FF (front feet)
- LT (lot)
- SF (square feet)
- UN (unrecorded)
- UT (unpaid)

Values do not need commas (e.g., 5000 or 500000). Enter range of interest, with min value and max value you would like to see results return as.

Use the toggle down menu to include a neighborhood code in your search.

**** REFER TO PAGES 7-9 ON HOW TO TOGGLE THROUGH RESULTS, USING THE ADJOINER AND BUFFER TOOLS**

NOT ALL FIELDS ARE REQUIRED!!

Qualified Property Sales Search

Qualified Property Sales Search - Not All Fields Are Required

Sale Year (Red box): Minimum and Maximum input fields.

Deed Date (Blue box): MM/DD/YYYY range selector.

Sale Price (Green box): Minimum and Maximum input fields.

Legal Land Units (Green box): Minimum and Maximum input fields.

Neighborhood (Green box): Select an option dropdown.

Parcel Description (Purple box): Select an option dropdown.

Property Address (Pink box): Select an option dropdown.

☐ Filter results by current map extent

Sale Year allows you to search for sales, starting from 2022 to the current year.

Deed Date allows you to search for sales with deed dates within a specified range.

Sale price, legal land units and neighborhood can be input/selected in the same way as using the Advanced Property Search feature. No commas are needed for sale values and legal land units are in acres.

Parcel Description allows to search for properties based on type, e.g., *Commercial*, *Bank*, *Fast Food*, etc.

Property Address allows you to type in address and a list will populate with addresses matching the criteria.

NOT ALL FIELDS ARE REQUIRED!!

**** REFER TO PAGES 7-9 ON HOW TO TOGGLE THROUGH RESULTS, USING THE ADJOINER AND BUFFER TOOLS**

Qualified Sales are arms-length transactions - defined as "when a property changes hands between a willing and financially able buyer and a willing seller, neither being under any compulsion to buy or sell and both having reasonable knowledge of all the uses to which the property is adapted and for which it is capable of being used."

Unqualified Sales are sales that do not meet the above criteria. Examples include: foreclosures, short sales, sales between related parties and auction sales.

Query

The screenshot shows the 'Query' dialog box. The 'Choose the layer you want to query' dropdown is set to 'Address Points'. The 'Choose the field you want to query' dropdown is set to 'Postal Community Name'. The 'Qualifier type' dropdown menu is open, showing options: 'equals' (selected), 'contains', 'starts with', and 'ends with'. A red box highlights the 'Qualifier type' dropdown and its options. A dashed arrow points from this box to the text on the right.

Query allows you to choose from a selection of layers and layer fields using a qualifier type:

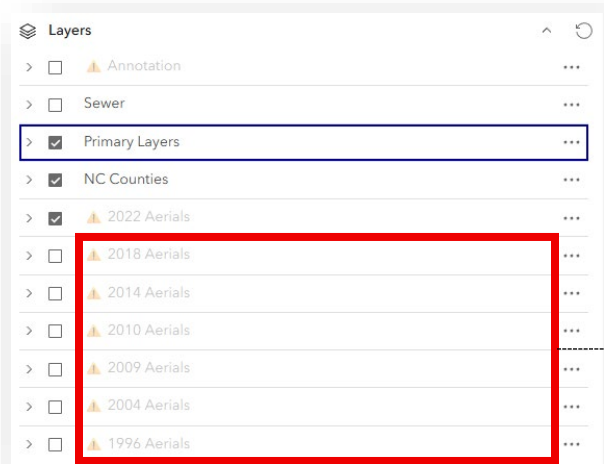
- **Equals** is recommended if you know the exact number or spelling of what you are wanting to query
- **Contains** is best used if you don't know the full name or number you are wanting to query
- **Starts with** is useful if you know the first letter only or know the first part of a community/street name
- **Ends with**, like Starts with, is useful if you know the last letter or half of a community or street name.

The screenshot shows the 'Query' dialog box with the 'Qualifier type' set to 'contains'. The 'Value' field contains '27'. Below the 'Value' field, there is a row of buttons: '+ Add to query', 'AND', 'OR', and 'Clear'. A red box highlights these buttons. Below this row, the query text 'FAddress LIKE '%27%'' is visible. At the bottom right, there is a 'Query' button. A red box highlights this button. A dashed arrow points from this box to the text on the right.

Once a value is input, click '**Add to Query**' and then '**Query**'.

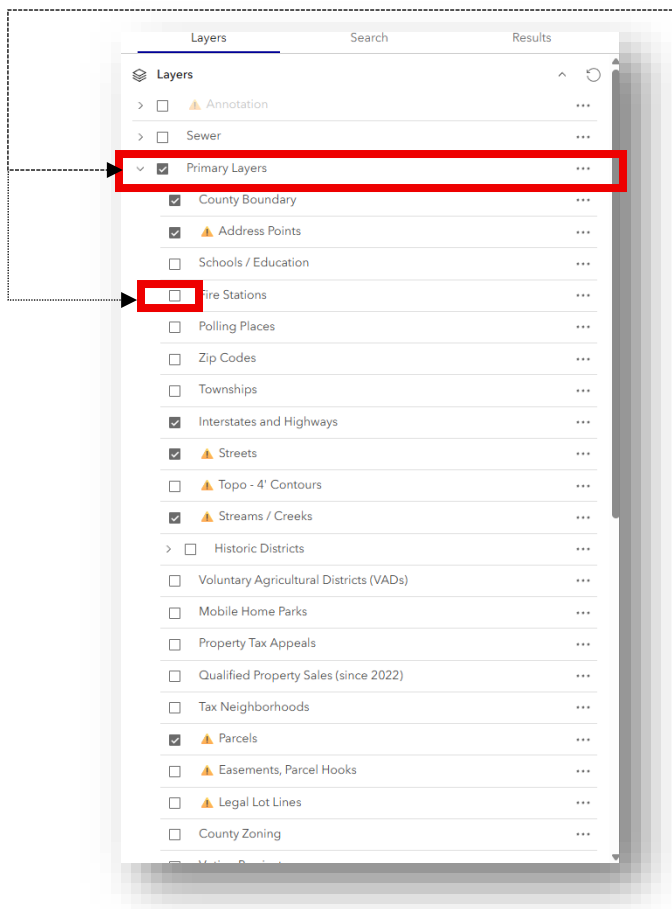
You can also build queries using the **AND/OR** buttons, where **AND** would mean that **BOTH** things querying are true, while **OR** means either query is true.


Layers



Under the Layers tab, you'll find all the layers that are in this web map.

If the layer is grayed out with caution symbol next to it, that means the layer is scale dependent and will not appear until the map has been zoomed into a certain extent.



Some layers are automatically off by default to help with performance speed. Most of the layers are under the **Primary Layers** group – to see all layers under this group, click the  arrow and then click the empty

box next to the layer name. To add or remove a layer from the map, simply check or uncheck the box next to the layer name.