

Multiple Property Search; Search Filter, Inclusion & Results List

Overview

LandVision™ users can obtain a list of properties that meet user-defined search filter criteria, and then export the list of parcels. There are numerous combinations of search filter criteria and there are many uses for this feature. The typical workflow is to run the search filter and then add the results to the Results List. From the Results List users have options such as Exporting to Excel (CSV – comma-separated value) or creating Address Labels from the list.

Some examples of how to best use this feature:

1. Search for a certain asset class property type, such as multi-family, in a defined market area like a zip code, to compile a database of properties and owner contacts
2. Analyze Comparable Properties by inputting specific characteristics that match your subject property
3. Understand Comps and Sales Activity by using the Sale Details filter
4. Unveil a portfolio of properties by using the Ownership Search; Owner Name Search and Owner Address Search
5. Another feature to utilize in combination with the Search Filter is the Inclusion option to focus the Search Filter to a specific area such as a polygon, line, or circle (radius). Accomplish New Business Solicitation by targeting owners in the vicinity of a property by using “inclusion” searches.

Tip: All of the examples above follow the typical workflow pattern of: 1) Running the Search Filter, 2) Add to List, 3) view in Results List, 4) Export.

Using the Search Filter

Note: LandVision Search Filter logic is: 1) Map-View-Dependent meaning the search is only running on the area you have on your monitor (zoom out for a larger search area), and 2) Dynamic, in that it is always running the search until you turn the search filter off.

1. Best practice is to zoom in to the map to your area of interest.



2. **Click** on the **Search Filter** icon on the Main Toolbar.
3. Choose your search filter criteria from the search filter forms. Then click **OK** at bottom of form to

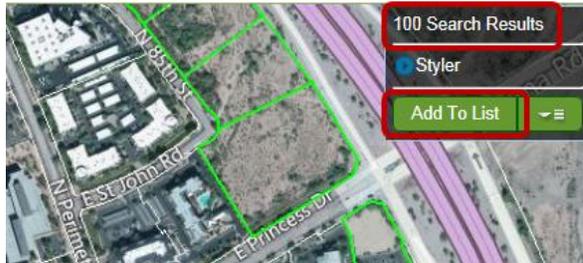


run the search.

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Tip: Parcel data is aggregated and stems from the local assessor office. Search Results are dependent on the data being available and the date classification by the assessor.

- Results will display with a green highlight (default is green) parcel outline on the map. The number of Results is displayed at top-right with the option to Add to List



Search Filter Bar



The **Search Filter Bar** is provided for quick edits to the search filter criteria. Hover the mouse cursor over the filter section and the filter bar will open up to make edits to the filter. There is no need to confirm with an OK-click – just hover off the filter bar and the criteria edit will take effect.

Note: The Search Filter form (from icon on main toolbar) AND the Search Filter Bar accomplish the same result of editing the search filter criteria.

Search Filter Options

| | |
|------------------------------|---|
| Edit Filter | Not to be used for any of the default filters. Use for custom created filters, Create New Filter from Legend Options. |
| Clear Filter | One-click option to clear all search filter criteria and deactivates filter. |
| Delete Filter | Not to be used for any of the default filters. Use for customer created filters, Create New Filter from Legend Options. |
| Remove Filter | Deactivates filter and removes filter from interface. To reactivate filter click on Search Filter icon on Main Toolbar. |
| Apply Filter to Layer | Use to always see specific search filter criteria on the Parcels Layer. To Remove Filter, Open Legend and left-click on filter to select Remove Filter. |



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Filter or Inclusion **ON**



Filter or Inclusion **OFF**



Inclusion / Exclusion Search

The Inclusion and Exclusion option searches a customized area that is drawn by the user. Draw Polygons, Circles (radius), and Lines. Run the Search Filter with the Inclusion.

Workflow Examples:

- Draw polygons to define submarket areas.
- Draw Circle to analyze properties within a specified radius from a subject property.
- Draw lines to analyze parcels along a rail line, boulevard, or pipeline.

Add as Inclusion / Exclusion:



1. **Click** on the **Green or Red ribbon** to see the menu options.
2. **Click** on one of the options.
 - a. **Add Polygon.** The mouse cursor will change to a cross-hair. **Click once** to begin the polygon drawing. **Click again** at each angle-point. **Double-click to close** out the polygon. The area drawn, the Inclusion Polygon, will display with a green fill.



The Search Filter will now only focus the search to this area (and any additional Inclusion areas if active). If no Search Filter criteria is selected then all parcels will display highlighted and shown in the Search Results.

- b. **Add Circle.** The mouse cursor will change to a cross-hair. **Click once** on the map to set the center of the radius (on a parcel or street intersection, for example) to begin the circle drawing. **Drag** the mouse outward from the circle center-point and you'll notice the radius measurement label display. **Click again** to close the circle at the specified radius.

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The area drawn, the Inclusion Circle, will display with a green fill. The Search Filter will now only focus the search to this area (and any additional Inclusion areas if active). If no Search Filter criteria is selected then all parcels will display highlighted and shown in the Count (Count is shown at top-right).

- c. **Add Line.** The mouse cursor will change to a cross-hair. **Click once** on the map to set the first point of the line (on a boulevard or rail line, for example) to begin the line drawing. **Click again** at each angle-point. **Double-click** to close out the line.

For the Line Inclusion, the search will filter properties that touch the line and the Buffer Geometry. The user must set a **Buffer Geometry**, which will expand the search area outward from the line per the buffer distance specification and provide all properties that meet the filter criteria in the Search Results.

Note: When using the Inclusion and Exclusion feature, the Inclusion/Exclusion areas need to be in the map view to get Search Results to the Search Logic. See Search Logic above.



Filter or Inclusion **ON**

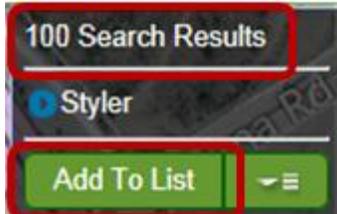


Filter or Inclusion **OFF**

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Results List

The Results List allows users to export data. When running any of the Search Filters users will see the Search Results number at top-right along with the Add to List option. Click the Add to List option and the results displayed on the map will move into the Results List.



Properties in the Results List are displayed with a blue parcel outline and numbered. Parcels displayed with a green parcel outline are Search Filter Results and are not in the list.

Steps to view Search Results in Results List:

1. Run Search Filter from steps above. Note the search filter logic described above.
2. **Click Add to List.** Parcels will highlight in blue and each will be numbered per the order in the **Results List.**



3. **Click Results List icon** on Main toolbar.
4. Results List will display at bottom of interface.

| Options | # | Site Addr | Site City | Site Zip | Apn | Owner Name 1 | Assessed Value | Date Transfer | Value Transfer | Building Square Feet | Lot Acreage | Lot Square Feet | Number Of Units | Yes Bu |
|---------|----|-----------|-----------|----------|-----------|--------------------------------|----------------|---------------|----------------|----------------------|-------------|-----------------|-----------------|--------|
| | 24 | | AVONDALE | 85323 | 50001017 | AVONDALE BOULEVARD LLC | 75 | 9/27/2004 | 8561548 | | 0.48 | 21257 | | |
| | 25 | | AVONDALE | 85323 | 50001016 | AVONDALE BOULEVARD LLC | 2919 | 9/27/2004 | 8561548 | | 19 | 827771 | | |
| | 26 | | AVONDALE | 85323 | 50001020 | BYRD ENTERPRISES OF ARIZONA IN | 1461 | 9/14/2005 | 3400000 | | 9.5 | 414212 | | |
| | 27 | | AVONDALE | 85392 | 50001007V | STOTZ FARMS INC | 80640 | 12/11/1998 | 116830 | | 3.85 | 167733 | | |
| | 28 | | AVONDALE | 85323 | 10256004Y | TR WEST LTD PARTNERSHIP TRUST | 2919 | | | | 19 | 827771 | | |
| | 29 | | AVONDALE | 85323 | 10256004V | TR WEST LTD PARTNERSHIP TRUST | 2240 | | | | 0.02 | 1212 | | |

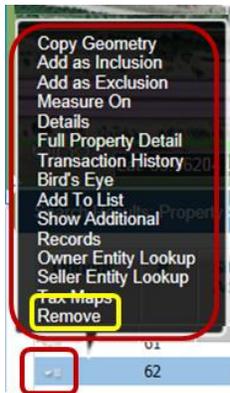
Options for each record

To analyze one of the results click on the record and LandVision will zoom in to the parcel and the **Parcel Detail** window will open up.

Hover over the record and it will highlight on the map. Conversely, **hover** over the blue outlined parcel and it will highlight in the Results List.

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Click on the **Options Icon** for a record and see the **Options menu**. Note the Remove option to remove the record from the list. This list of Options is the same when identifying a parcel (left-click on parcel) and clicking **Commands**.



Options for the Results List



| | |
|-------------------------|---|
| Delete List | Deletes List and minimizes Results List |
| Export to CSV | Exports records and Fields in list to CSV (Excel, .csv = comma-separated value file type) |
| Refresh List | If user Removes a record, then user will need to Refresh List to completely remove record from list |
| Zoom to Show All | Zooms out to show all records in the map view |
| 8.5 x 11 Print | Prints aerial image and all records in list to 8.5 x 11 (portrait) |
| 11 x 8.5 Print | Prints aerial image and all records in list to 11 x 8.5 (landscape) |
| 11 x 17 Print | Prints aerial image and all records in list to 11 x 17 (portrait) |
| 17 x 11 Print | Prints aerial image and all records in list to 17 x 11 (landscape) |
| Advanced Print | Opens up Advanced Print window to customize print output |

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| | |
|-----------------------|---|
| Address Labels | Opens up Address Labels wizard to export all records to Microsoft Word® Avery® Label template |
|-----------------------|---|

Results List Icons



| | |
|---|---|
| Open Results List  | Opens drop-down menu to Browse Lists and Browse Layers. Browse Lists allows user to open a saved list. Browse Layers allows a user to display the database table of a loaded layer. |
| Save Results List  | Saves Results List data. Select Folder and name the file. |
| Full Screen  | Maximize Results List. |
| Hide Results List  | Minimizes Results List out of view. Click icon again to Show Results List. |
| Modify Fields  | Opens window to allow user to custom select the fields to display in the Results List. The same fields will Export to CSV. |
| Options  | See Options for Results List above. |
| Help  | Opens up Results List Help. |

Find the Help Page here <http://www.digmap.com/products/landvision/onlinehelp/LandVisionHelp.html> or by clicking on the Help icon on the Main Toolbar, then from the drop-down click on the Support and



Resource Center link.

Digital Map Products Support | (888) 322-MAPS (6277) ext 2 | support@digmap.com
 Support is available Monday through Friday, 8 am to 5 pm Pacific Time, to assist with any issues you encounter or to answer questions on how to best utilize LandVision™.
