PLEASANT VALLEY COUNTY WATER DISTRICT WEB MAP INSTRUCTIONS

The Pleasant Valley County Water District (PVCWD) web map can be accessed at the following link:

https://map.landiq.com/pleasantvalley

Figure 1 shows the default web map view. This document will describe the layers contained in the web map and explain the functionality of the various web map options.
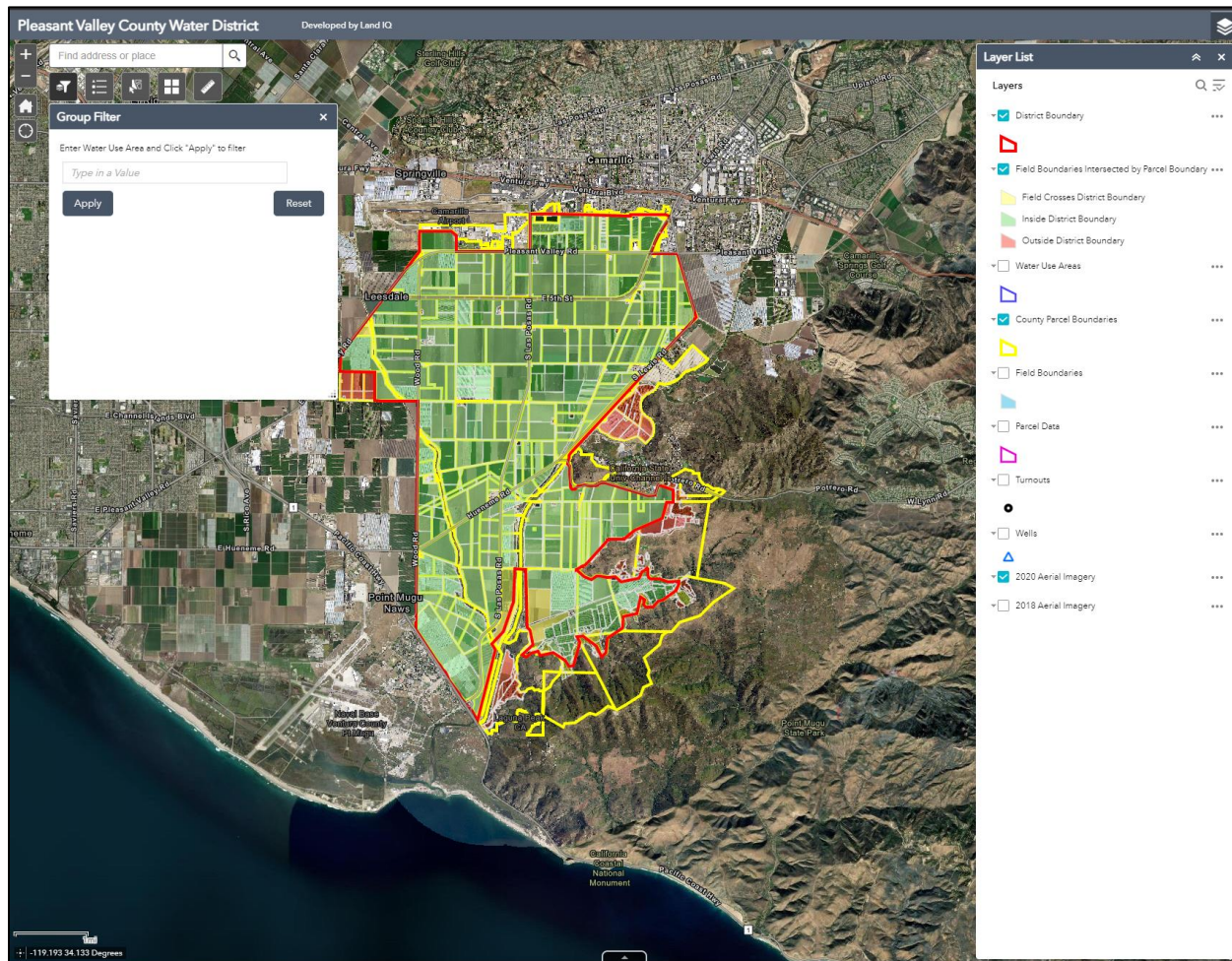

Figure 1. Landing page of the PVCWD web map.

LAYER LIST

On the right side of the screen is the Layer List (see Figure 2). To turn a layer on or off, check the box next to the layer name. The Layer List can be minimized by selecting the two-arrow symbol in the top right-hand corner or closed by selecting the X symbol. To re-open the Layer List, select the icon in the upper right-hand corner of the screen.

Layers in the web map include:

- District Boundary: Boundary of Pleasant Valley County Water District.
- Field Boundaries Intersected by Parcel Boundary: Irrigated fields divided by county parcel boundaries. Selecting a feature displays irrigated acreage, location relative to District Boundary, and APN.
- Water Use Areas: PVCWD Water Use Areas. Selecting a WUA displays parcels, turnouts, and wells within the WUA. Layer toggled off by default.
- County Parcel Boundaries: Ventura County parcel boundaries. Selecting a parcel displays APN, parcel acreage, and irrigated acreage.
- Field Boundaries: Irrigated area undivided by parcels. Selecting a feature displays irrigated acreage. Layer toggled off by default.
- Parcel Data: Ventura County parcel boundaries provided by PVCWD. Selecting a feature displays PID, WUA, turnouts, wells, and parcels. Layer toggled off by default.
- Turnouts: PVCWD turnouts. Selecting a feature displays the turnout group and WUA. Layer toggled off by default.
- Wells: Private wells. Selecting a feature displays various well attributes. Layer toggled off by default.
- 2020 Aerial Imagery: Imagery from the National Agricultural Imagery Program (NAIP), collected May 24, 2020.
- 2018 Aerial Imagery: Imagery from the National Agricultural Imagery Program (NAIP), collected July 24, 2018. Toggled off by default.
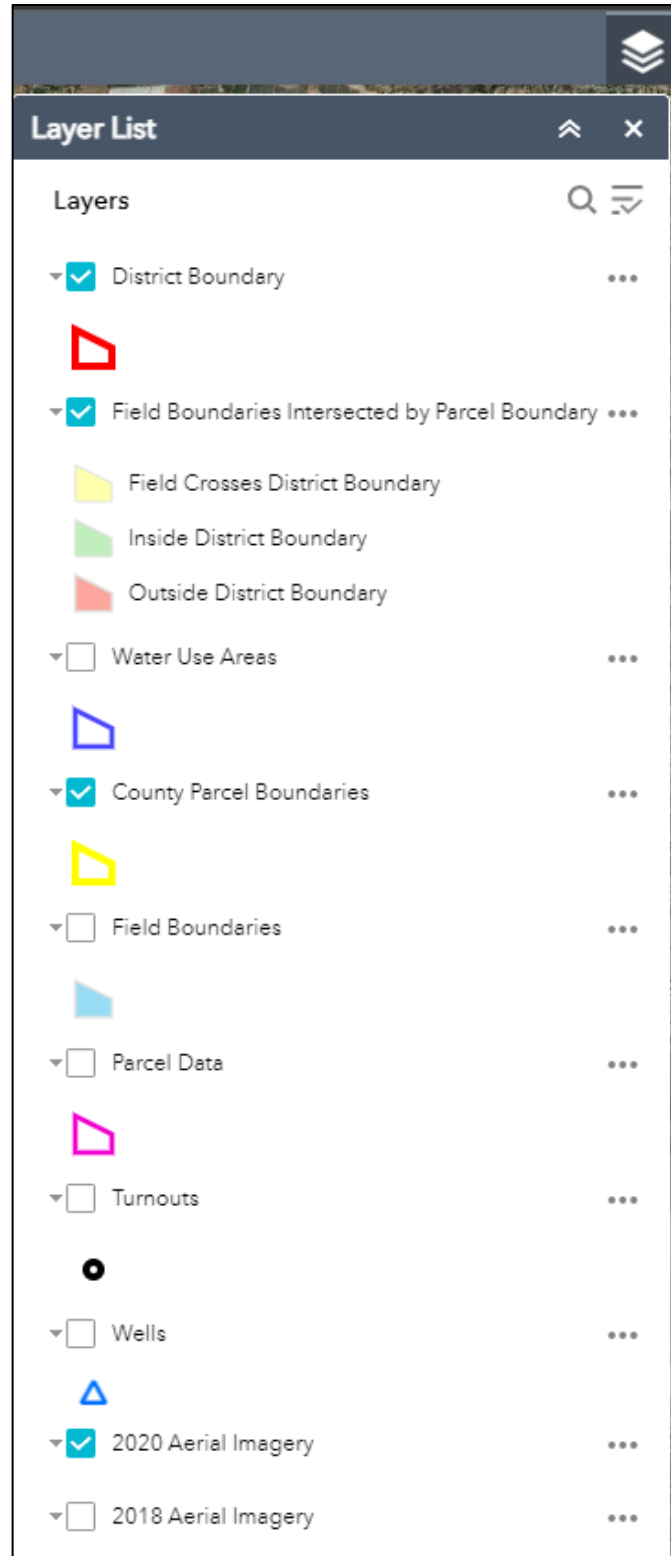

Figure 2. Web map Layer List.

GROUP FILTER

The group filter tab allows the user to zoom in to a specific Water Use Area (WUA) and display only features that fall within that WUA. To use the filter, enter the WUA into the box provided and select Apply (see Figure 3). Water Use Areas are numbered from 1 to 61.

Figure 3. Web map Group Filter.

Once zoomed in to the specified WUA, you can continue to toggle layers on and off, but only the features within that WUA will be displayed. To clear the filter, select Reset. To close the Group Filter window, select the X icon in the upper right-hand corner. To reopen the Group Filter window, select the filter icon, which is the first of five icons found directly underneath the search bar.
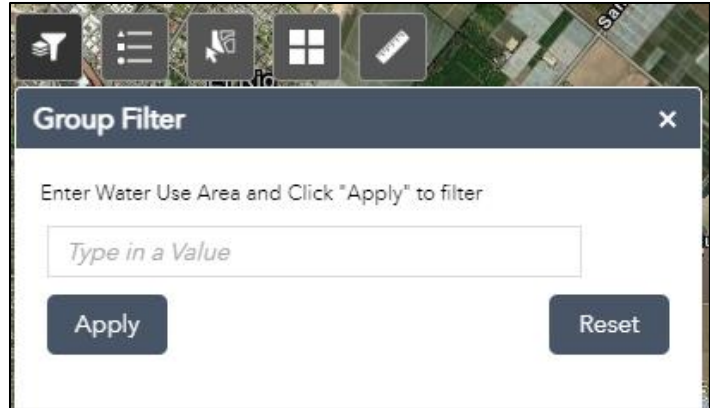
Figure 4 shows an example filtered WUA. Selecting a feature opens a pop-up window with additional details. When there are multiple layers toggled on, you can view the details for each layer by selecting the right arrow in the upper right-hand corner of the pop-up window.
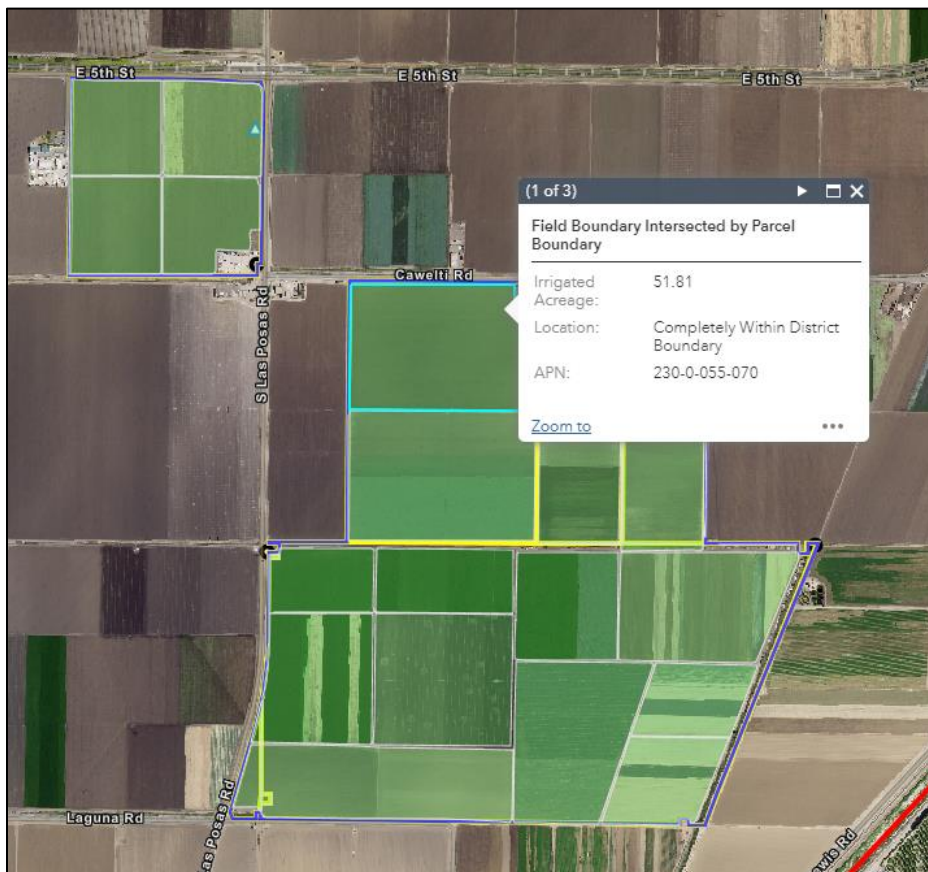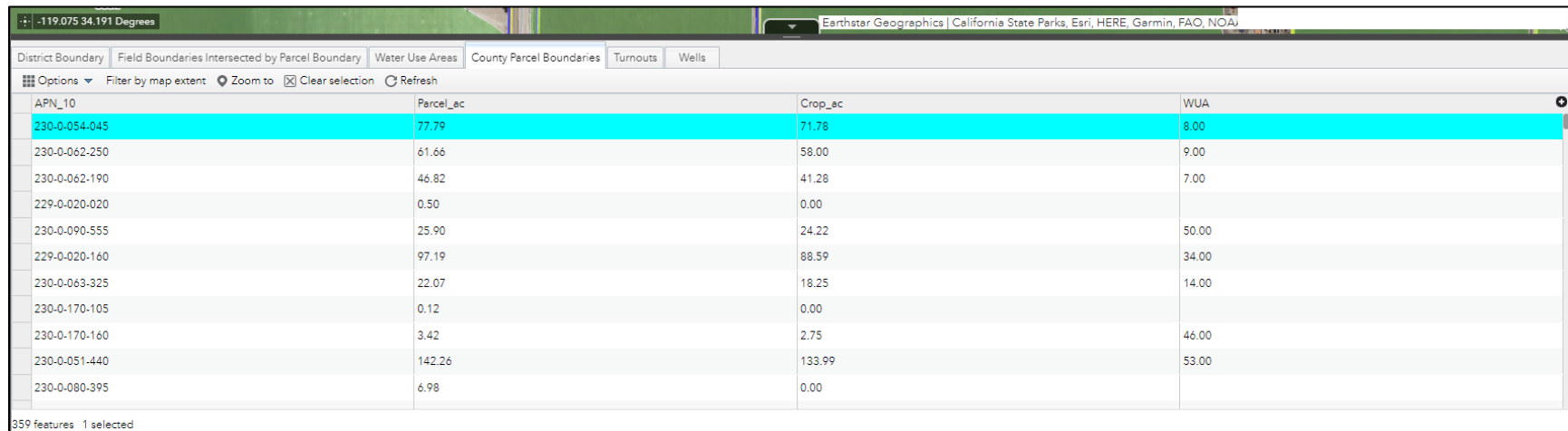

Figure 4. Example filtered WUA.

TABLE VIEW

To view a table of all features, select the small black arrow found at the bottom center of the web map (Figure 5). At the top of the table are tabs for each layer currently toggled on. To view all records, make sure the words "Filter by map extent" are not selected. You can use the table to zoom to a selected feature by double-clicking to the left of the desired row. Columns in the table can be sorted by clicking on the column name.

APN_10	Parcel_ac	Crop_ac	WUA
230-0-054-045	77.79	71.78	8.00
230-0-062-250	61.66	58.00	9.00
230-0-062-190	46.82	41.28	7.00
229-0-020-020	0.50	0.00	
230-0-090-555	25.90	24.22	50.00
229-0-020-160	97.19	88.59	34.00
230-0-063-325	22.07	18.25	14.00
230-0-170-105	0.12	0.00	
230-0-170-160	3.42	2.75	46.00
230-0-051-440	142.26	133.99	53.00
230-0-080-395	6.98	0.00	

359 features   1 selected

Figure 5. Web map table view.

OTHER FUNCTIONALITY

The upper left-hand corner contains various icons to assist in navigating and viewing data in the web map (see Figure 6). The search bar allows the user to search an address or place and zoom to that area. Below the search bar are five icons arranged horizontally. A description of these icons follows:

- Group Filter: Explained previously.
- Legend: Shows the symbology of layers currently toggled on in the Layer List.
- Select: Allows the user to select multiple features for viewing in Table View.
- Basemap Gallery: The user can select from multiple basemaps. However, the aerial imagery will display on top of the selected basemap unless it is toggled off.
- Measurement: Use to measure distance or area. Selecting a field or parcel will open a pop-up window that provides exact area measurements.

The icons arranged vertically to the left of the search bar include:

- Zoom: Use the + and - icons to zoom in and out in the web map. You may also use the mouse wheel.
- Home: Takes the user to the default extent of the web map.
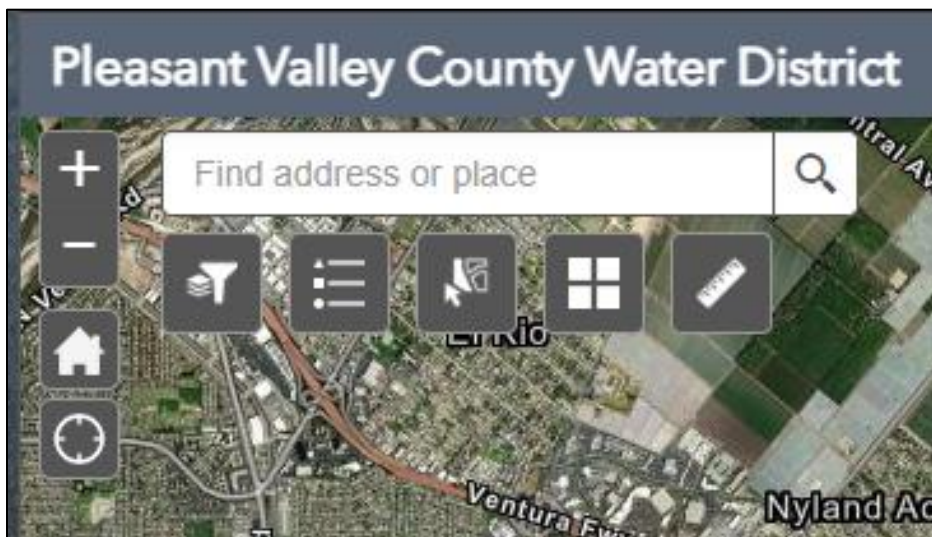- My Location: This icon zooms the map to the user's location if location permission is granted.

Figure 6. Web map icons.