

AGOL Desktop Editing

Enhanced Vegetation Management User Guide



Together, Building
a Better California

Table of Contents

AGOL Desktop Editing

Overviews and Tutorials	1
Launching the App	2
Legend and Layers	3
Basemap and Search	4
Group Filter	5
Adding a Vegetation Project	6
Adding a Vegetation Point	7
Editing a Vegetation Project	8
Editing a Vegetation Point	9
Conductor Batch Attribute Editor	10
Vegetation Point Batch Attribute Editor	11
Vegetation Project Batch Attribute Editor	12
Parcel Batch Attribute Editor	13
Information Widget	14
Expand and View Table	15
Table Filtering	16
Sort Table and Statistics	18
Export to CSV	19
Links and Resources	20

Overview and Tutorials

ArcGIS Online



Together, Building
a Better California

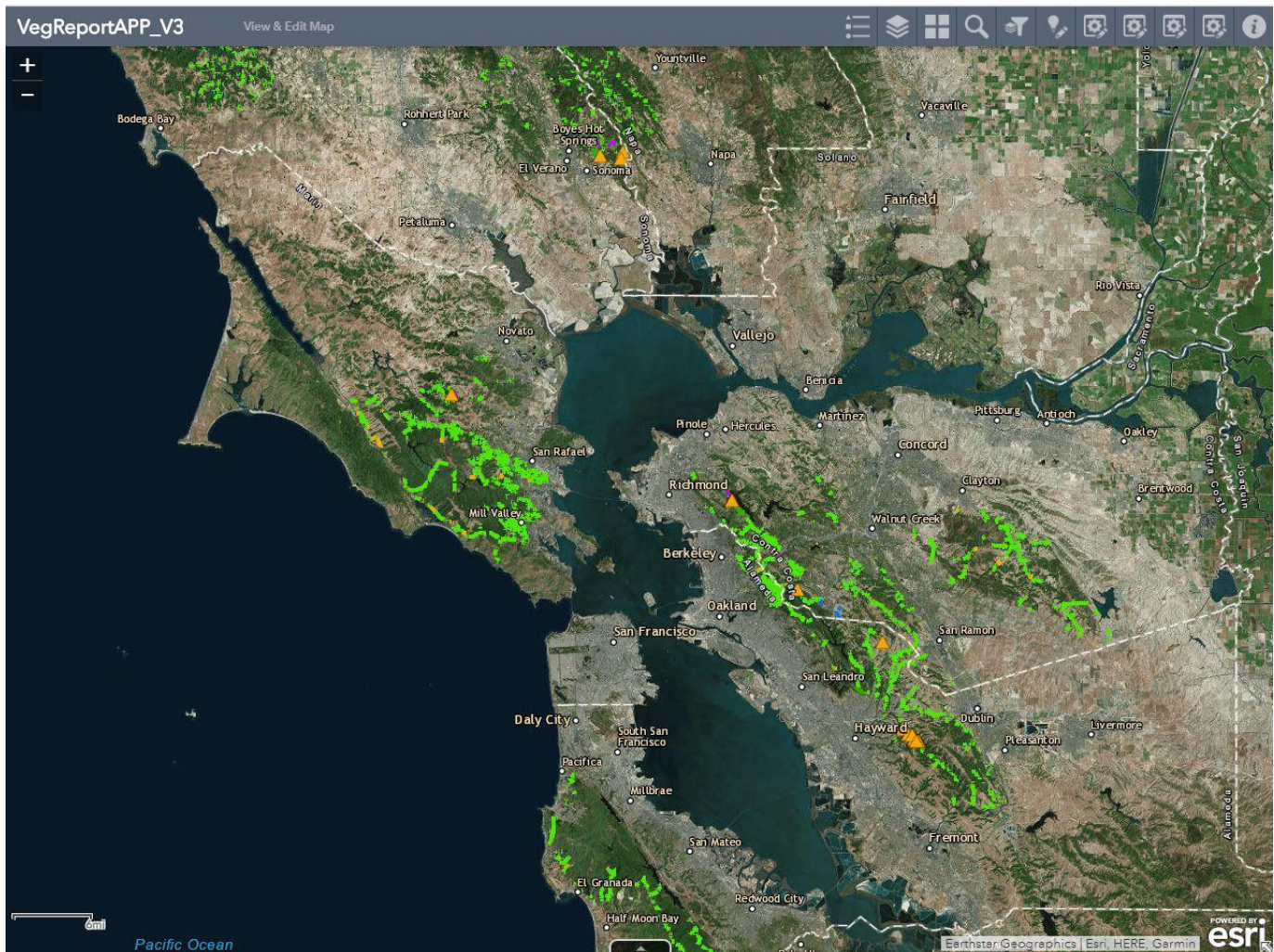
Veg Report App

Launching the App

Summary

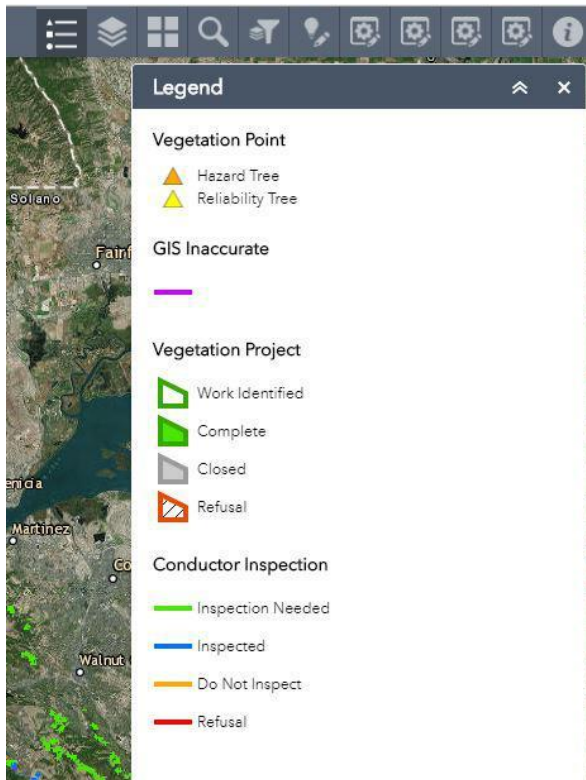
The Veg Report App is used for editing data on desktop computer.

The App can be found at the following link: <https://tinyurl.com/EVM-Desktop-Viewer>



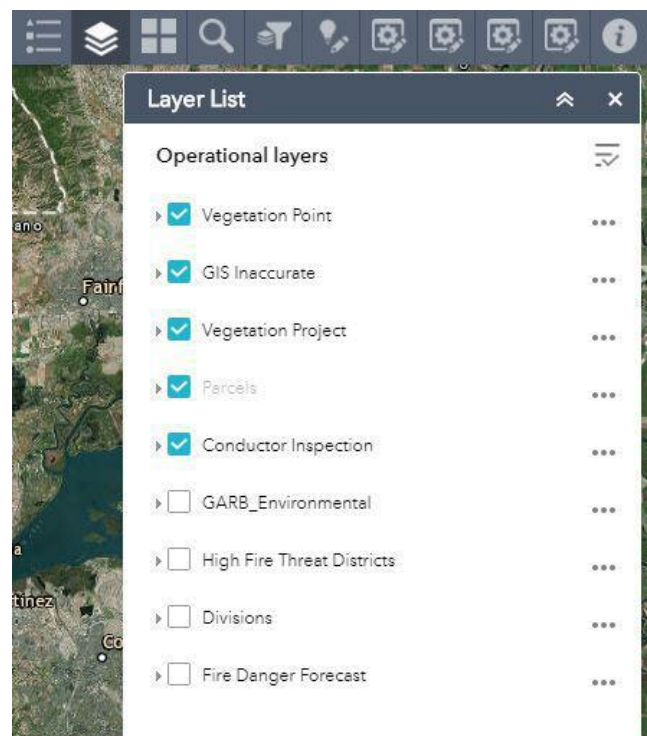
Veg Report App Widgets/Tools

Legend and Layers



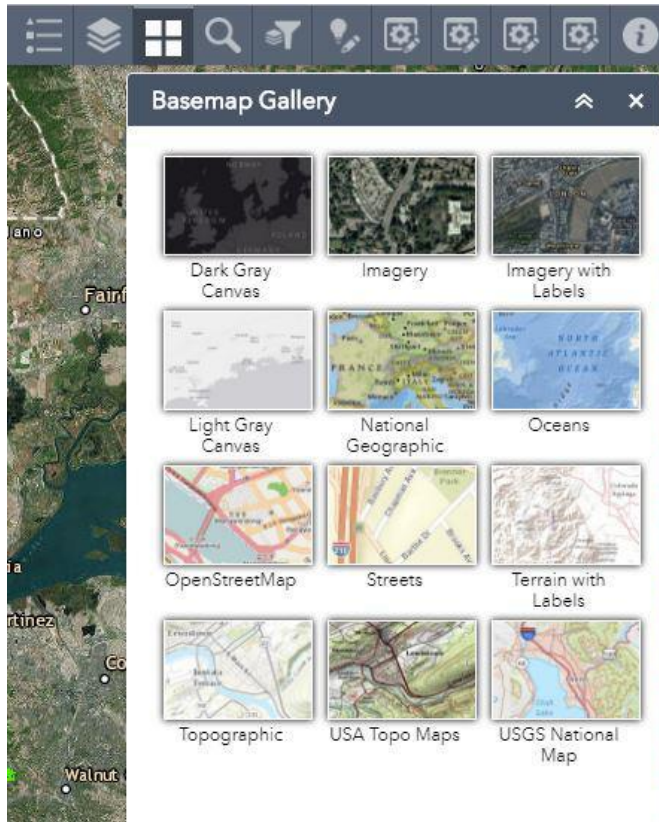
- The legend widget displays the **map legend and the symbols and colors** for each layer.

- The Layer widget displays **all layers available in the map**.
- The layers can be turned on and off by clicking on the blue check mark.



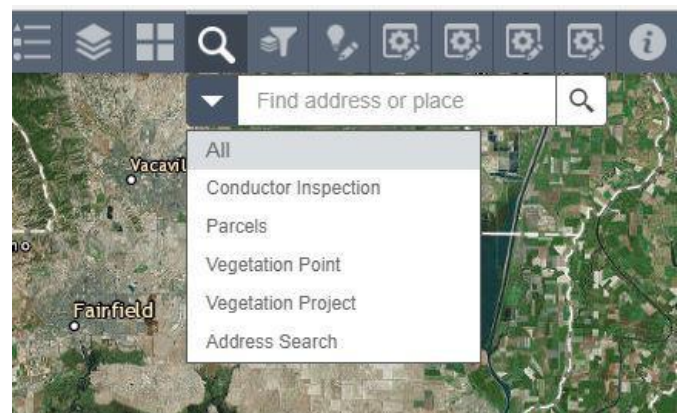
Veg Report App Widgets/Tools

Basemap and Search



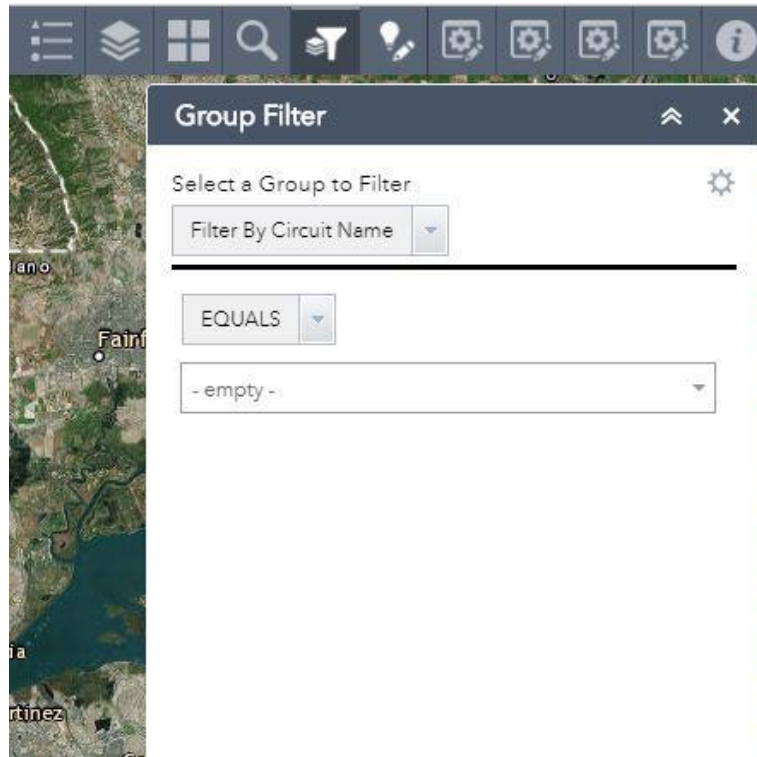
- The Basemap widget provides the option to change the **background of the map.**

- The Search widget allows searching to **search in map layers** including:
 - Conductor Inspection
 - Parcels
 - Vegetation Points
 - Vegetation Projects
 - Address



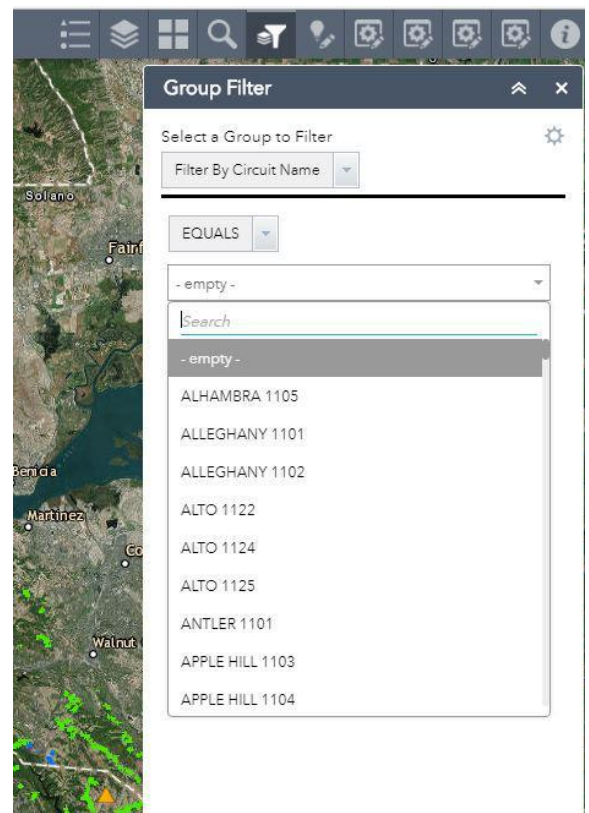
Veg Report App Widgets/Tools

Group Filter



- The **group filter** allows you to filter all the layers in the map by **one or more circuits**.

- Select the **Circuit Name** from the drop down and hit apply.
- Multiple circuits can be filtered at the same time by selecting **Add Criteria**.
- To remove the filter, select Reset



Veg Report App Widgets/Tools

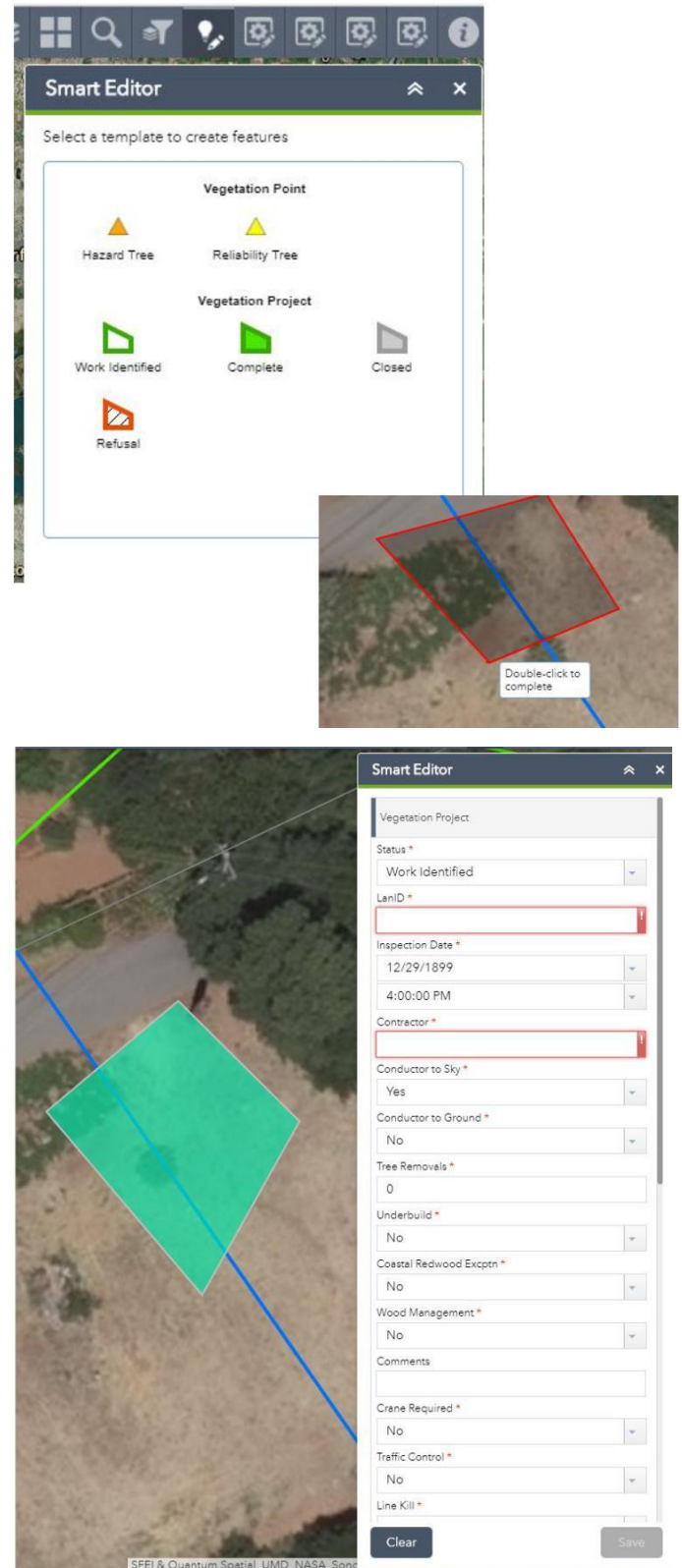
Smart Editor - Adding a Vegetation Project

1. To add a **Vegetation Project**, open **Smart Editor** and select the project type. You can add a project using the following categories:

- Work Identified
- Complete
- Closed
- Refusal

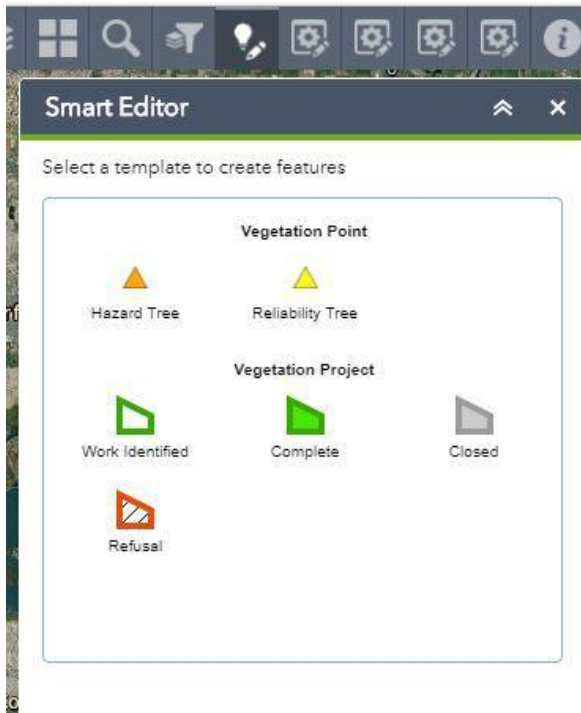
2. **Draw** the Vegetation Project Area. **Please note - project areas should not overlap.**

3. After the Project is drawn, **fill out all attributes and click save.**



Veg Report App Widgets/Tools

Smart Editor - Adding a Vegetation Point

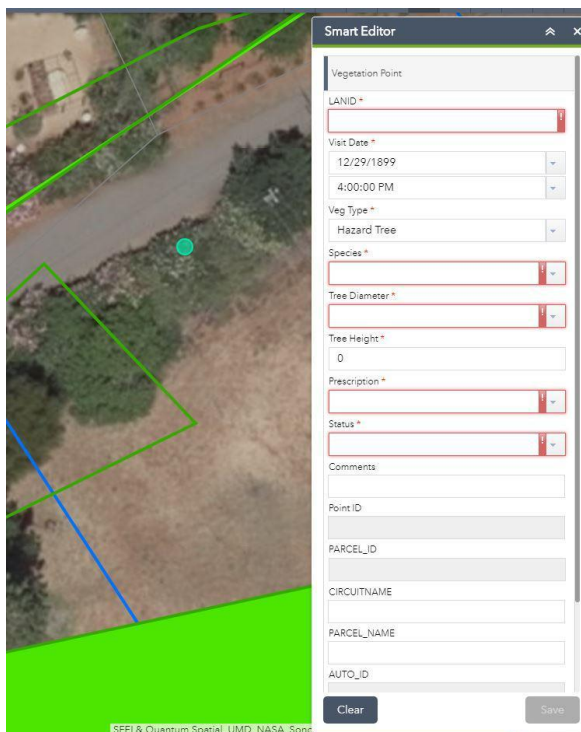


1. To add a **Vegetation Point**, open Smart Editor and select the point type. You can add the following Vegetation Points:

- Hazard Tree
- Reliability Tree

2. **Drop the Vegetation Point** in the correct location.

3. After the point is dropped, **fill out all attributes and click save.**



Veg Report App Widgets/Tools

Smart Editor - Editing a Vegetation Project

1. To edit a **current Vegetation Project Area**, select the project area on the map - you can find the area using the search widget (see page 4).
2. The Vegetation Project details will appear. **Click on the three dots in the lower right corner.**
3. Click on the **Smart Editor**.
4. The attribute table will open and all editable attributes can be updated.
5. After you have made your updates, **click save**.

The image shows a screenshot of the Veg Report App interface. At the top, a map displays a selected vegetation project area outlined in green. A pop-up window titled "Vegetation Project: 965850644" is overlaid on the map, showing project details. Below the map, a green arrow points to a menu with options: "Pan to", "Add a marker", "View in Attribute Table", and "Smart Editor". The "Smart Editor" option is highlighted. Below this, a detailed attribute table is shown, listing various project attributes and their current values. At the bottom of the table are buttons for "Clear", "Delete", and "Save".

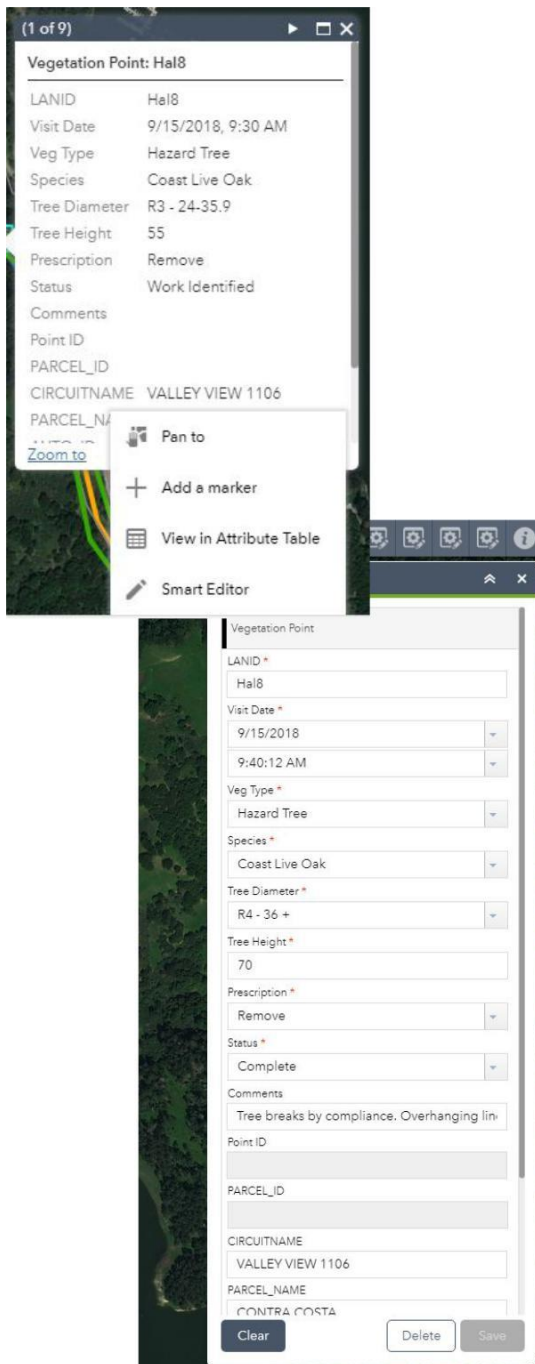
Vegetation Project: 965850644	
Status	Work Identified
LanID	
Inspection Date	12/29/1899, 4:00 PM
Contractor	
Conductor to Sky	Yes
Conductor to Ground	No
Tree Removals	0
Underbuild	No
Coastal Redwood Excpn	No
Wood Management	No
Comments	
Crane Required	No

Attribute Table	
LanID *	
Inspection Date *	12/29/1899
	4:00:00 PM
Contractor *	
Conductor to Sky *	Yes
Conductor to Ground *	No
Tree Removals *	0
Underbuild *	No
Coastal Redwood Excpn *	No
Wood Management *	No
Comments	
Crane Required *	No
Traffic Control *	No
Line Kill *	

Clear Delete Save

Veg Report App Widgets/Tools

Smart Editor - Editing a Vegetation Point

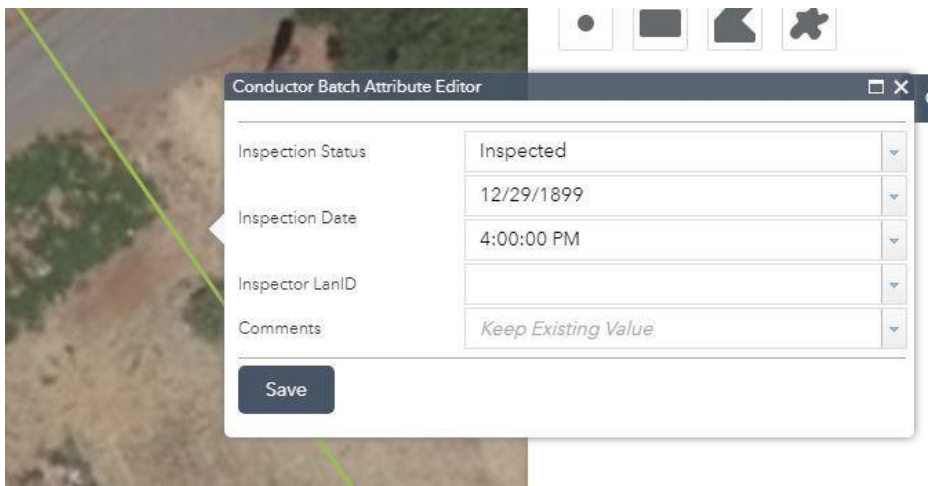
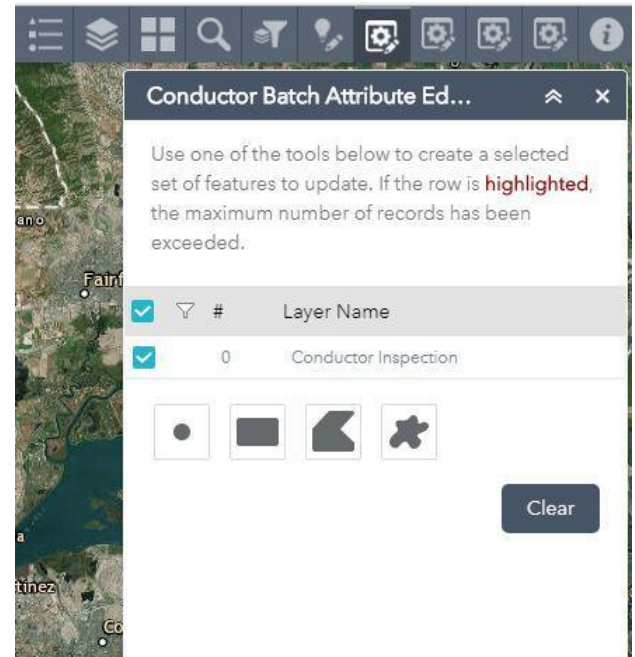


1. To edit a **current Vegetation Point**, select the point on the map - you can find the area using the search widget (see page 4).
2. The **Vegetation Point details** will appear. **Click on the three dots in the lower right corner.**
3. Click on the **Smart Editor**.
4. The attribute table will open and all editable attributes can be updated.
5. After you have made your updates are made, **click save**.

Veg Report App Widgets/Tools

Conductor Batch Attribute Editor

1. The **Conductor Batch Attribute Editor** allows you to select multiple features that can be updated at the same time. To start, select the Conductor Batch Attribute Editor tool (the first of the four editor tools available).
2. Click on a tool selection type:
 - **Point** - allows you to use a point to select the conductors in an area.
 - **Extent** - allows you to select conductors using a rectangular selection. Press and hold to draw a shape to select features.
 - **Polygon** - allows you to select conductors using a polygon. Click on the map to select the points of your polygon.
 - **Freehand Polygon** - allows you to select conductors using a freehanded polygon. Click and drag on the map to create your polygon.

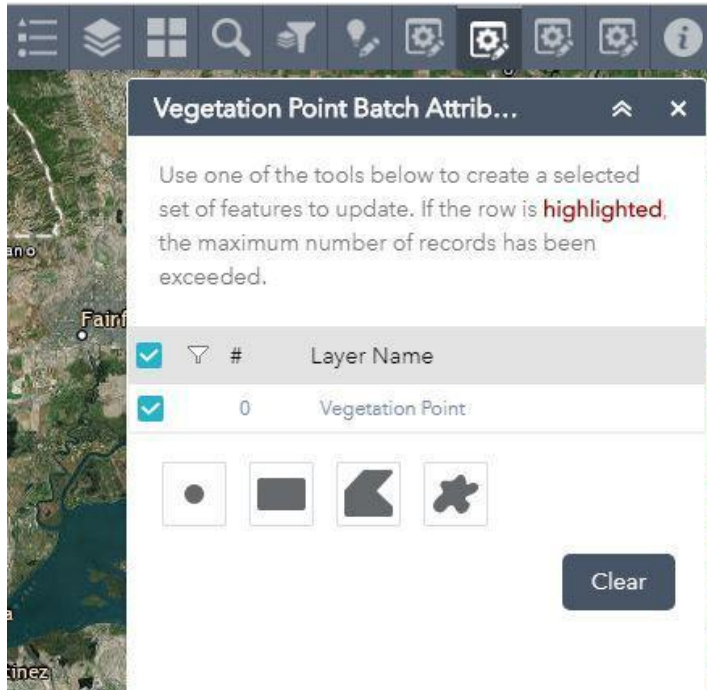


3. **Select the conductors (features) on the map** that you would like to update.

4. **All attributes can be updated** or left the same by leaving as is to keep the existing value.

Veg Report App Widgets/Tools

Vegetation Point Attribute Editor



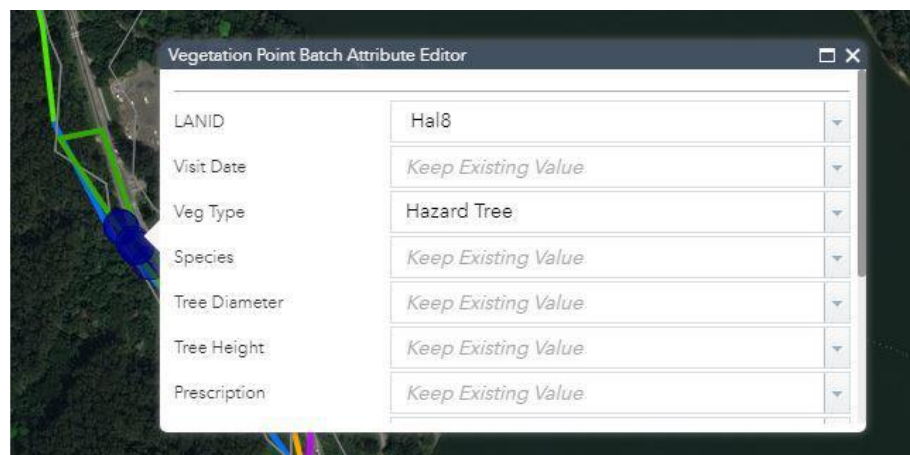
1. The **Vegetation Point Batch Attribute Editor** allows you to select multiple features that can be updated at the same time. To start, select the Vegetation Point Batch Attribute Editor tool (the second of the four editor tools available).

2. Click on a selection tool type:

- **Point** - allows you to use a point to select the Vegetation Points in an area.
- **Extent** - allows you to select Vegetation Points using a rectangular selection. Press and hold to draw a shape to select features.
- **Polygon** - allows you to select Vegetation Points using a polygon. Click on the map to select the points of your polygon.
- **Freehand Polygon** - allows you to select Vegetation Points using a freehanded polygon. Click and drag on the map to create your polygon.

3. **Select the conductors (features) on the map** that you would like to update.

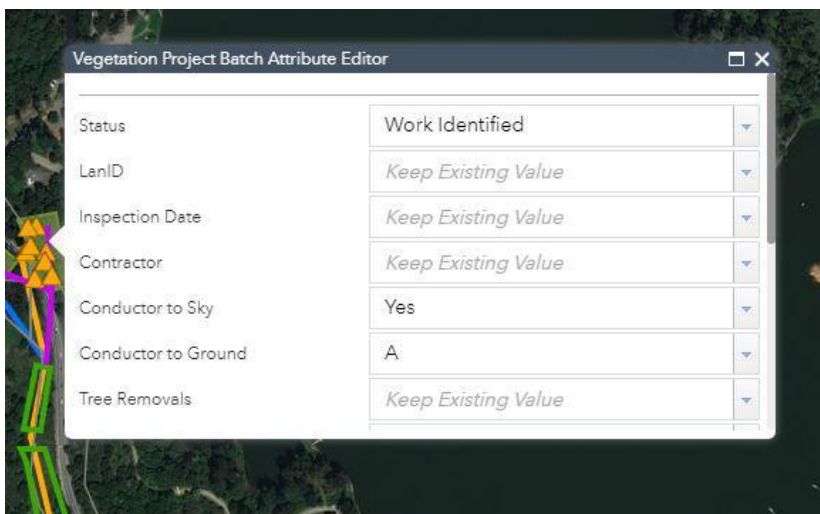
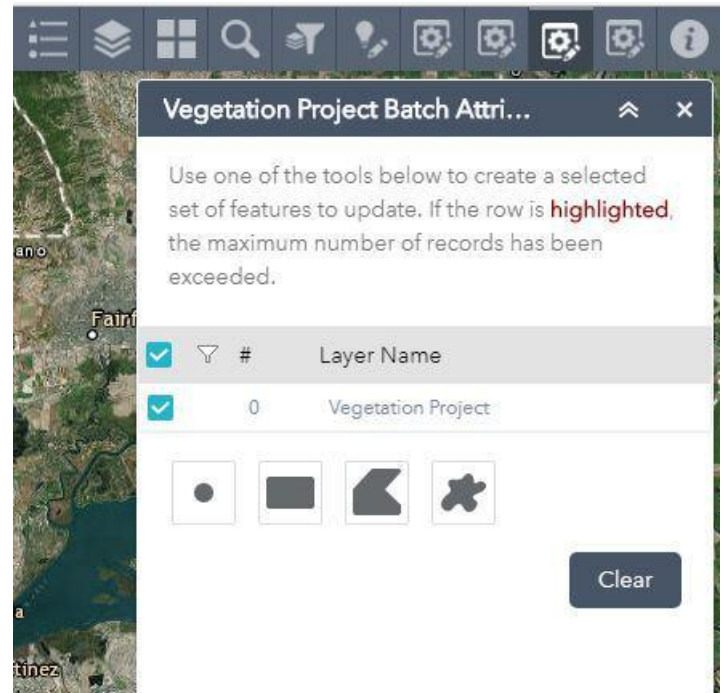
4. **All attributes can be updated** or left the same by leaving as is to keep the existing value.



Veg Report App Widgets/Tools

Vegetation Project Batch Attribute Editor

1. The **Vegetation Project Batch Attribute Editor** allows you to select multiple features that can be updated at the same time. To start, select the Vegetation Project Batch Attribute Editor tool (the third of the four editor tools available).
2. Click on a selection tool type:
 - **Point** - allows you to use a point to select the Vegetation Projects in an area.
 - **Extent** - allows you to select Vegetation Projects using a rectangular selection. Press and hold to draw a shape to select features.
 - **Polygon** - allows you to select Vegetation Projects using a polygon. Click on the map to select the points of your polygon.
 - **Freehand Polygon** - allows you to select Vegetation Projects using a freehanded polygon. Click and drag on the map to create your polygon.

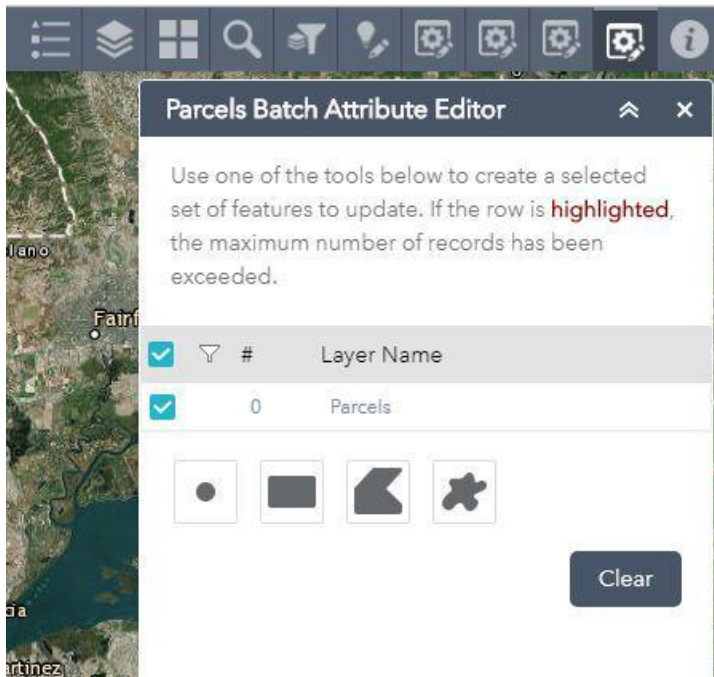


3. **Select the vegetation projects (features) on the map** that you would like to update.

4. **All attributes can be updated** or left the same by leaving as is to keep the existing value.

Veg Report App Widgets/Tools

Parcel Batch Attribute Editor



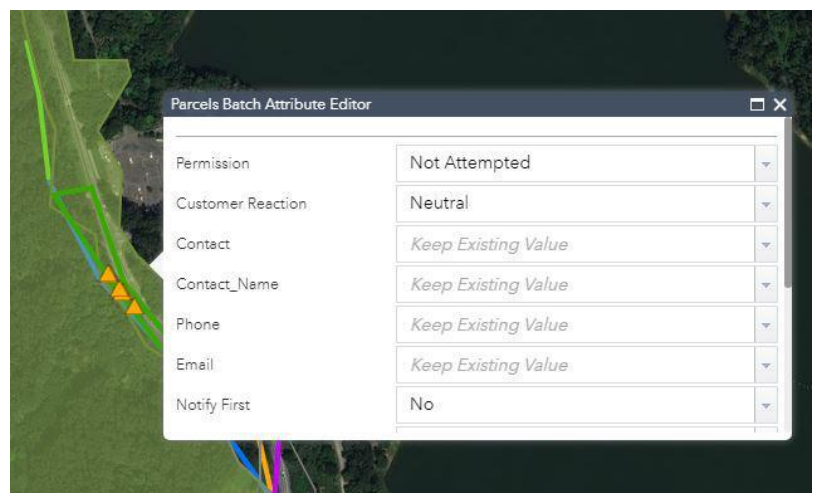
1. The **Parcel Batch Attribute Editor** allows you to select multiple features that can be updated at the same time. To start, select the Parcel Batch Attribute Editor tool (the fourth of the four editor tools available).

2. Click on a selection tool type:

- **Point** - allows you to use a point to select the Parcels in an area.
- **Extent** - allows you to select Parcels using a rectangular selection. Press and hold to draw a shape to select features.
- **Polygon** - allows you to select Parcels using a polygon. Click on the map to select the points of your polygon.
- **Freehand Polygon** - allows you to select Parcels using a freehanded polygon. Click and drag on the map to create your polygon.

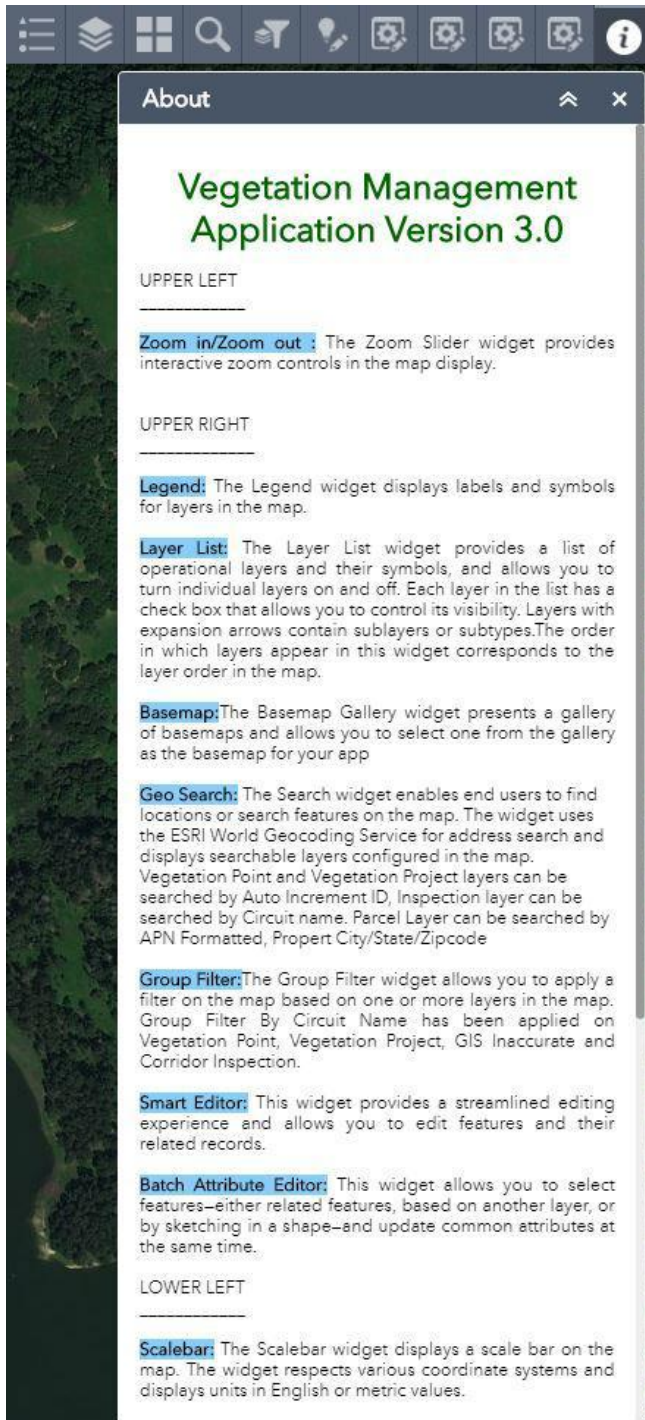
3. **Select the Parcels (features) on the map** that you would like to update.

4. **All attributes can be updated** or left the same by leaving as is to keep the existing value.



Veg Report App Widgets/Tools

Information Widget

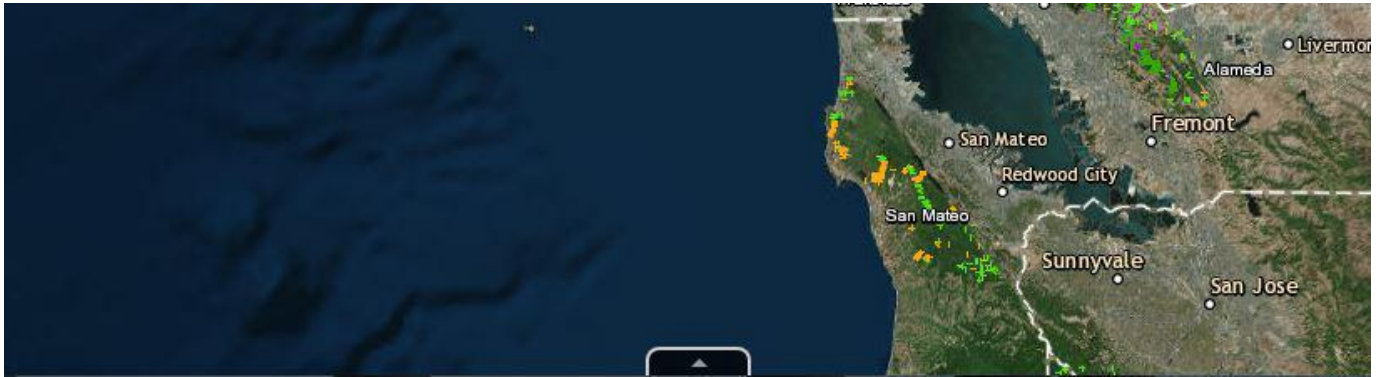


- The Information Widget provides details for each item in the map.

Veg Report App Table View

Expand and View Table

- To view table data, select the tab at the bottom center of the screen.



- You can view data specific to the **Vegetation Points**, **Vegetation Projects**, **Parcels**, and **Corridor Inspection** layers in the table.
- If you previously applied a group filter, **only the data on the circuit you filtered by will be included.**
- If no group filter was selected, **the table will include all data within the service area.**

Vegetation Point															
Vegetation Project															
Parcels															
Corridor Inspection															
Options															
Filter by map extent															
Zoom to															
Clear selection															
Refresh															
LANID	Visit Date	Veg Type	Species	Tree Diameter	Tree Height	Prescription	Status	Comments	Point ID	PARCEL_ID	CIRCUITNAME	PARCEL_NAME	AUTO_ID	GlobalID	
JlWI	9/13/2018, 2:14 PM	Hazard Tree	Pine	R1 - 4-11.9	45	Remove	Work Identified	Dying pine leaning towards lines			SILVERADO 2104	965848008		d113c73b-46a5-4e23-b72b-039f65b9c4b	
A5GZ	9/13/2018, 2:20 PM	Hazard Tree	Ponderosa Pine	R4 - 36 +	95	Remove	Work Identified				SILVERADO 2104	965847794		ae6178be-367a-4c74-b51e-11394d4248bb	
LgI0	9/13/2018, 2:26 PM	Hazard Tree	Live Oak	R3 - 24-35.9	60	Remove + Treat	Work Identified	Standing dead tree uphill from conductor off crystal springs road			SILVERADO 2104	965845892		c80e2409-47d8-4b64-bc45-7f56e6d03595	

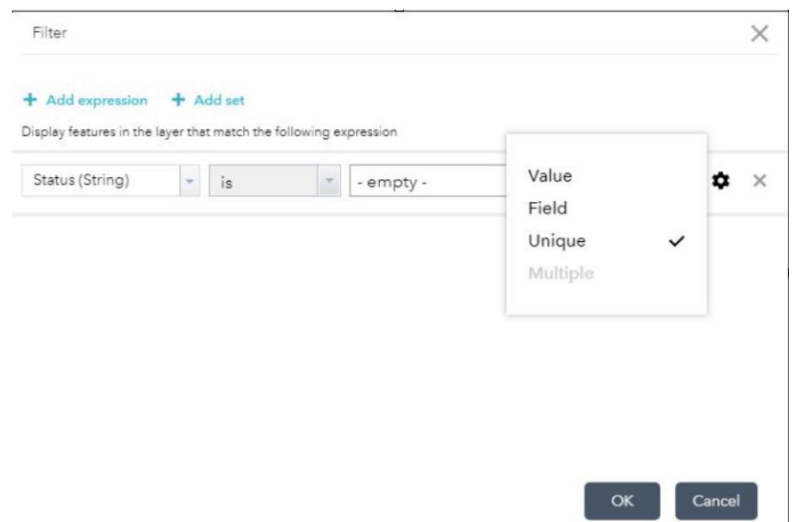
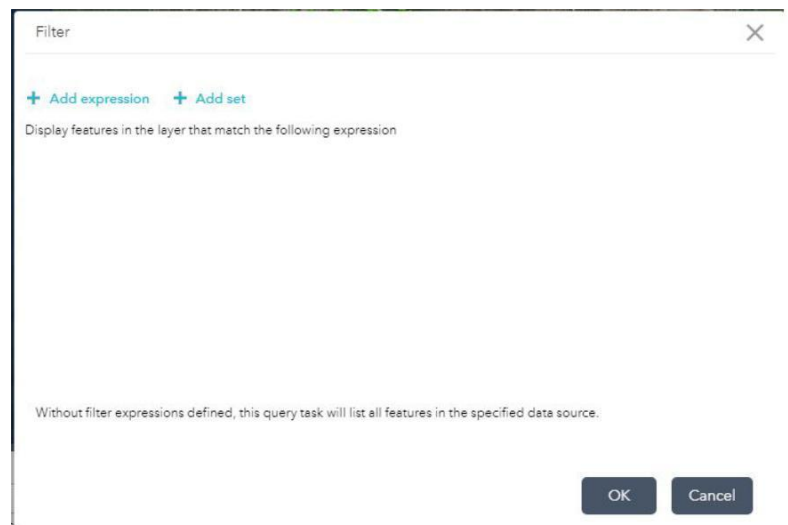
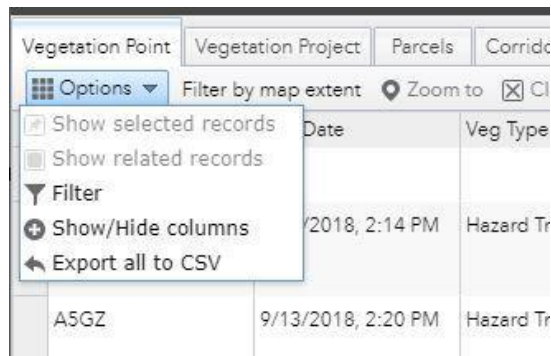
653 features 0 selected

Veg Report App Table View

Table Filtering

To filter table data, first select the tab of the layer you would like to use (the example below uses Vegetation Point). Only one layer can be filtered at a time.

1. Click on the **Options** drop down menu, followed by **filter**.
2. Click **Add expression** to apply a filter.
3. **Select the field you would like to filter by** (e.g. LAN ID, Status, etc). This example filters by **Status**.
4. Select the **search criteria** by clicking on the **Cog**.
5. Select **unique** to get a list of values to choose from in the field you are searching.



Veg Report App Table View

Table Filtering

Filter

+ Add expression + Add set

Display features in the layer that match the following expression

Status (String) is - empty -

Search

- empty -

Complete

Refusal

Work Identified

OK Cancel

6. Select the **fields** you would like to filter by.

In this example, **Refusal** has been selected. After the filter is applied, only the filtered items will show in the table.

Vegetation Point	Vegetation Project	Parcels	Corridor Inspection						
<div><div><div><div></div></div><div>Options</div></div><div><div>Filter by map extent</div><div>Zoom to</div><div><input checked="" type="checkbox"/> Clear selection</div><div><div></div> Refresh</div></div></div>									
LANID	Visit Date	Veg Type	Species	Tree Diameter	Tree Height	Prescription	Status	Comments	Point
	9/13/2018, 1:21 PM	Reliability Tree	Ponderosa Pine	R3 - 24-35.9	100	Trim	Refusal	Large tree. Over hangs. Healthy, but does not meet minimum.	

1 features 0 selected

Filter

+ Add expression + Add set

Display features in the layer that match the following expression

Status (String) is Refusal

OK Cancel

! Remember to **clear the filter** by clicking on the X if you need to view all data.

View Only App Table View

Sort Table and Statistics

You can easily sort the data by **ascending or descending order** in table view. You can also view the **statistics for mileage in the Vegetation Project layer**.

To sort a column by **ascending or descending order**:

1. Select the **column title** you would like to sort (e.g. LanID, Tree Removals, etc.)
2. Once you click on the column title, you will be given the **sorting options**.

You can also use the same function to view **mileage statistics**.

To view mileage statistics:

1. Select the **column title "Miles"** in the **Vegetation Project** tab.
2. Select **Statistics**.
3. A pop-up screen will display the statistics including the sum of the miles. **If you would like to sort by miles complete, be sure to follow the directions for table filtering on page 8 and sort by Status.**

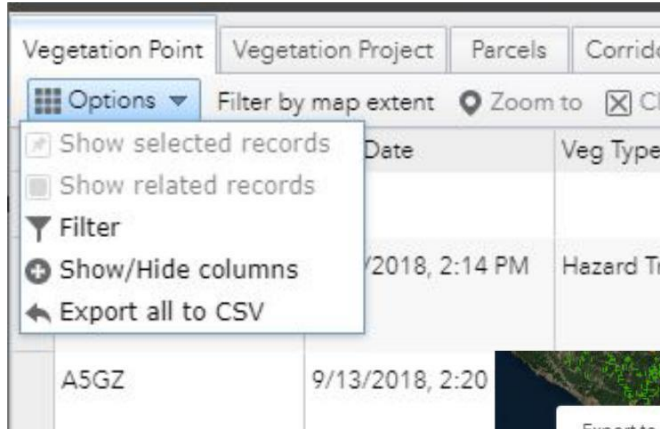
The screenshot displays the 'Vegetation Project' layer in the 'View Only App'. The table below shows project data with columns for Status, LanID, Inspection Date, Contractor, and various project attributes. A statistics pop-up is overlaid on the table, showing the following data for the 'Miles' field:

Field : Miles	
Number of values	16
Sum of values	1.06
Minimum	0.01
Maximum	0.33
Average	0.07
Standard deviation	0.08

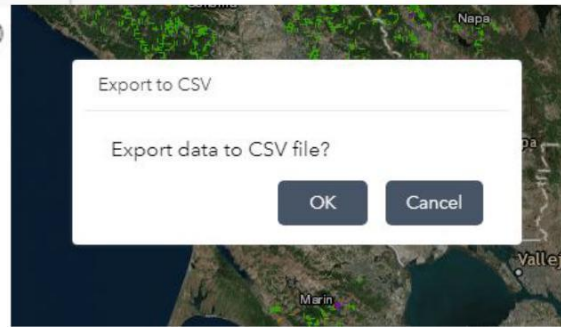
The background map shows the San Francisco Bay Area, and the table data includes project details such as 'Complete' status, 'Adgf' contractor, and 'Bay trees, 2. Locked gate' comments.

Veg Report App Table View

Export to CSV



- ☐ To export data to CSV (Excel), select **Export all to CSV** in the Options menu on the table.
- ☐ Only one layer will be exported at a time.



OBJECTID	LANDID	Visit Date	Veg Type	Species	Tree Diameter	Tree Height	Prescription	Status	Comments
1		12/29/1899, 4:00 PM	Hazard Tree			0	Remove	Work Identified	
2		9/10/2018, 10:28 AM	Reliability Tree			0	Remove	Work Identified	
3		12/29/1899, 4:00 PM	Hazard Tree			0	Remove	Work Identified	
5	5 dburbm_awrr	9/12/2018, 2:20 PM	Hazard Tree	Redwood, Coast	R3 - 24-35.9	75	Remove	Work Identified	per owner request 6' stump left, line marked on tree.
6	6 dburbm_awrr	9/12/2018, 2:23 PM	Hazard Tree	Redwood, Coast	R2 - 12-23.9	70	Trim	Work Identified	side trim
7	7 dburbm_awrr	9/12/2018, 2:25 PM	Hazard Tree	Redwood, Coast	R2 - 12-23.9	65	Trim	Work Identified	side trim
8	8 dburbm_awrr	9/12/2018, 2:27 PM	Hazard Tree	Redwood, Coast	R3 - 24-35.9	80	Trim	Work Identified	
9	9 dburbm_awrr	9/12/2018, 2:28 PM	Hazard Tree	Live Oak	R2 - 12-23.9	30	Remove	Work Identified	
11		9/12/2018, 4:58 PM	Hazard Tree	Live Oak	R2 - 12-23.9	40	Trim	Work Identified	2 nests - est. 1.5 ft diameter
12		9/12/2018, 5:05 PM	Hazard Tree	Live Oak	R2 - 12-23.9	40	Trim	Work Identified	Multiple nests in one tree - 1-3ft diameter
13		9/13/2018, 1:21 PM	Reliability Tree	Ponderosa Pine	R3 - 24-35.9	100	Trim	Refusal	Large tree. Over hangs. Healthy, but does not meet minimum.
14	14 S4tc	9/13/2018, 1:44 PM	Hazard Tree	Douglas Fir	R3 - 24-35.9	30	Remove	Work Identified	Dead. Large Woody Stem
15	17 D9k2	12/29/1899, 4:00 PM	Hazard Tree	Bigleaf Maple	R2 - 12-23.9	50	Remove	Work Identified	2 maple same location in span
16	18 D9k2	9/13/2018, 2:07 PM	Hazard Tree	Bigleaf Maple	R2 - 12-23.9	50	Remove + Treat	Work Identified	
17	19 ASGZ	9/13/2018, 2:18 PM	Hazard Tree	Ponderosa Pine	R4 - 36+	75	Remove	Work Identified	
18	21 JIWI	9/13/2018, 2:14 PM	Hazard Tree	Pine	R1 - 4-11.9	45	Remove	Work Identified	Dying pine leaning towards lines
19	22 ASGZ	9/13/2018, 2:20 PM	Hazard Tree	Ponderosa Pine	R4 - 36+	95	Remove	Work Identified	
20	23 Lglo	9/13/2018, 2:26 PM	Hazard Tree	Live Oak	R3 - 24-35.9	60	Remove + Treat	Work Identified	Standing dead tree uphill from conductor off crystal springs road
21	24 A3vrs	9/13/2018, 2:21 PM	Hazard Tree	Unknown		50	Remove	Work Identified	IFC ADD, AF 465, 0.4 SP BTW PLS-SSD3875
22	25 Lglo	9/13/2018, 2:53 PM	Hazard Tree	Douglas Fir	R3 - 24-35.9	80	Remove + Treat	Work Identified	Pitching out, leaning towards conductor uphill form lines
23	26 R2tT	9/13/2018, 2:57 PM	Hazard Tree	Pine	R4 - 36+	75	Remove	Work Identified	In add front yard by driveway, Lift Truck! Possible flagger needed!
24	27 JIWI	9/13/2018, 3:04 PM	Reliability Tree	Coast Live Oak	R2 - 12-23.9	40	Trim	Work Identified	In fence unable to paint
25	28 ASGZ	9/13/2018, 3:11 PM	Hazard Tree	Black Oak	R3 - 24-35.9	50	Remove	Work Identified	
26	29	12/29/1899, 4:00 PM	Reliability Tree	Pine	R1 - 4-11.9	25	Remove	Work Identified	Under lines, Trimming would likely kill
27	30	9/13/2018, 12:15 PM	Hazard Tree	Oak	R4 - 36+	55	Trim	Work Identified	
28	31	9/13/2018, 12:18 PM	Hazard Tree	Oak	R4 - 36+	55	Trim	Work Identified	
29	32	12/29/1899, 4:00 PM	Hazard Tree	Oak	R4 - 36+	55	Trim	Work Identified	
30	33	9/13/2018, 12:25 PM	Hazard Tree	Oak	R3 - 24-35.9	35	Remove	Work Identified	trimming will kill it, removal suggested
31	34	9/13/2018, 12:23 PM	Hazard Tree	Oak	R4 - 36+	70	Remove	Work Identified	trimming will kill it, removal suggested
32	35	9/13/2018, 12:37 PM	Hazard Tree	Oak	R4 - 36+	50	Trim	Work Identified	
33	36	9/13/2018, 12:41 PM	Hazard Tree	Oak	R4 - 36+	55	Remove	Work Identified	tree cavity burnt from inside
34	37	9/13/2018, 12:47 PM	Hazard Tree	Oak	R2 - 12-23.9	40	Trim	Work Identified	
35	38	9/13/2018, 12:48 PM	Hazard Tree	Oak	R2 - 12-23.9	35	Trim	Work Identified	
36	39	9/13/2018, 12:53 PM	Hazard Tree	Oak	R4 - 36+	55	Trim	Work Identified	
37	40	12/29/1899, 4:00 PM	Hazard Tree	Oak	R3 - 24-35.9	40	Trim	Work Identified	
38	41	9/13/2018, 12:56 PM	Hazard Tree	Oak	R4 - 36+	50	Trim	Work Identified	
39	42	9/13/2018, 12:58 PM	Hazard Tree	Oak	R4 - 36+	50	Trim	Work Identified	

- ☐ Once the table data is exported, the data can be viewed in Excel.

Links and Resources

ArcGIS Online



Together, Building
a Better California

Links and Resources

All Documentation can be found at the following link:

<https://tinyurl.com/EVM-Desktop-Editing>

The following can be found in this folder:

- ☐ User Guide
- ☐ Quick Start Guide
- ☐ Collector Videos
- ☐ First Time Login Instructions
- ☐ General Guides

Questions related to Collector (adding and editing features, layers, etc.) can be directed to the following email address:

AWRRMapsSupport@pge.com

Questions related to logging in or resetting passwords can be directed to **TSC Support** at the following number: 415-973-3411.