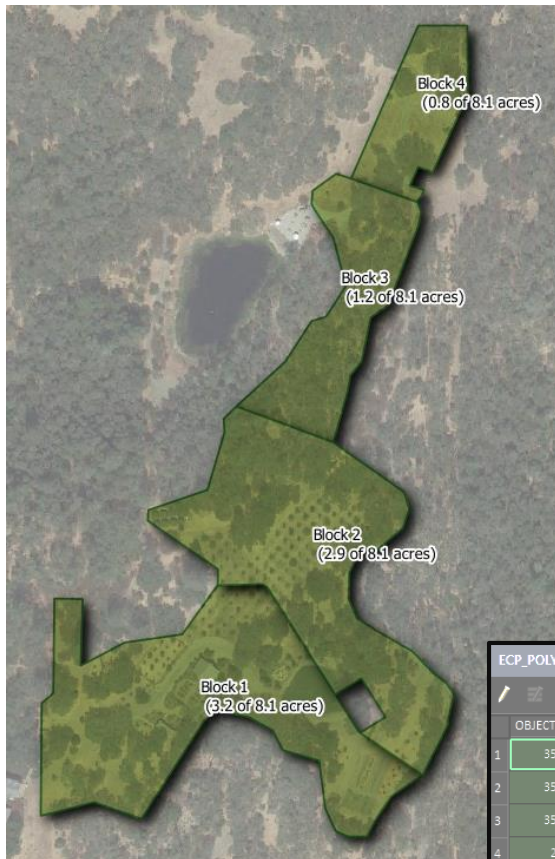




# GIS in PBES

# Geographic Information System



- Cartography (aka *mapmaking*)
- Combine physical **locations** (points, lines, polygons) with rich spreadsheet-like **data**
- **Compare** and **analyze** data and their locations

ECP\_POLY\_PUBLIC :: Features Total: 5384, Filtered: 4, Selected: 4

	OBJECTID	Acres	FILENUM	APPLIEDDAT	APPROVALDA	COMMENT	PROJ_ACRE	VIN_BLOCKS	ECP_type	PermitNum	BLOCK_ACRE
1	3521	2.89777601	2004081	2004-01-16	2006-08-04		8.1	2	0	PO4-081	2.9
2	3520	1.26517255	2004081	2004-01-16	2006-08-04		8.1	3	0	PO4-081	1.2
3	3519	0.79599123	2004081	2004-01-16	2006-08-04		8.1	4	0	PO4-081	0.8
4	207	3.25631754	2004081	2004-01-16	2006-08-04		8.1	1	0	PO4-081	3.2

Show Selected Features

# ITS vs PBES

- **ITS:**

- Maintains county GIS infrastructure (databases/software)
- Provides technical support and programming expertise
- Maintains county base layers (parcels, roads, etc)

- **PBES:**

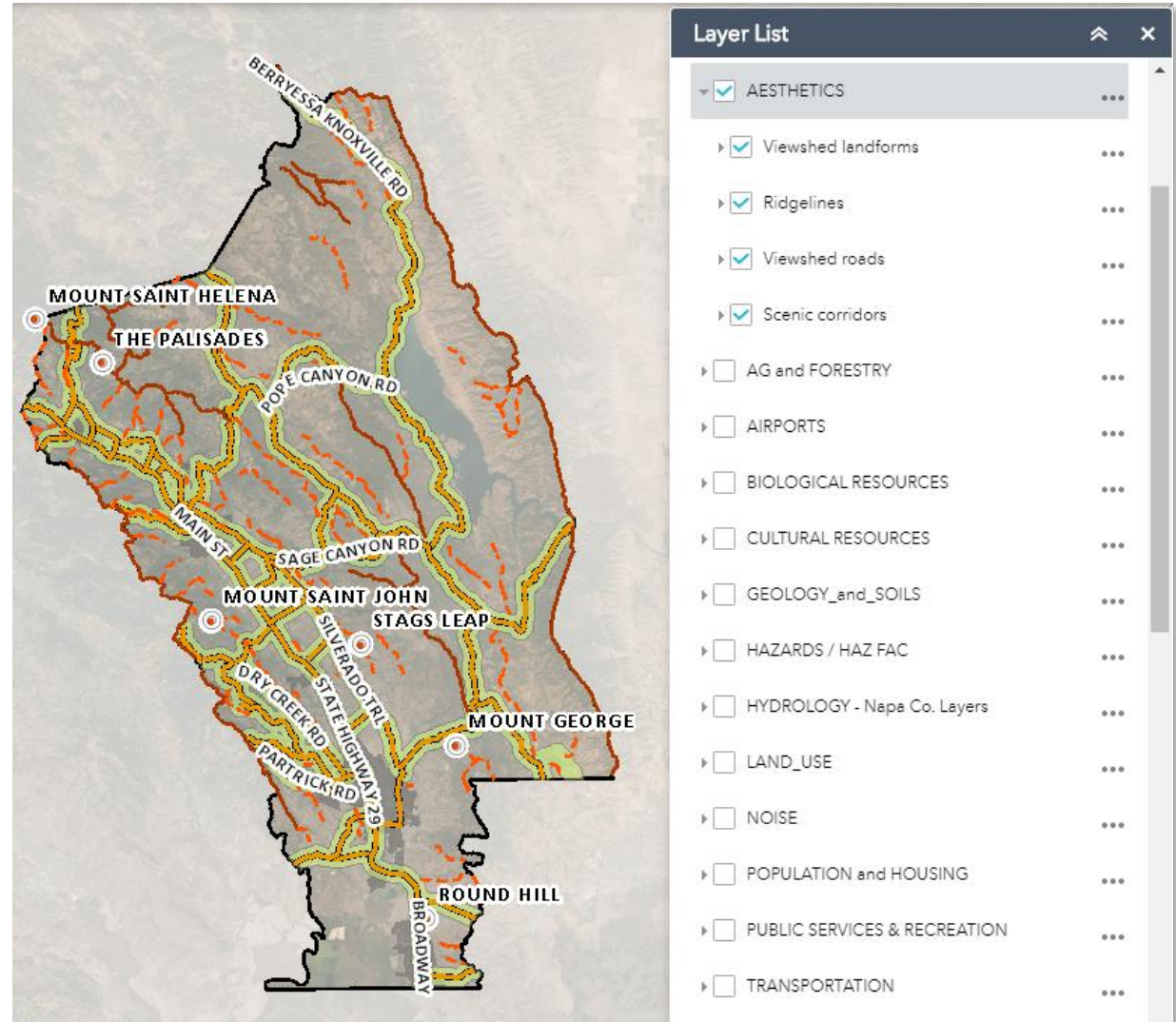
- 2-person team
- Manages > 100 of its own internal GIS layers
- Manages the GIS program within PBES to serve its 4 divisions

# Uses

- Project review
- Documenting development (vineyards, ECPs, wineries)
- CEQA analysis on a project basis
- Research and analysis for policy development and long-range planning
- Cartography
- Desktop GIS vs. web-based GIS

# Project Review

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>I. AESTHETICS -- Would the project:</b>				
a) Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Substantially degrade the existing visual character or quality of the site and its surroundings?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>II. AGRICULTURE RESOURCES: In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:</b>				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>III. AIR QUALITY -- Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:</b>				



# Demo



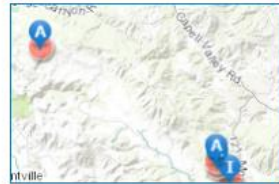
**AddressWithZone**  
Geocoding Service



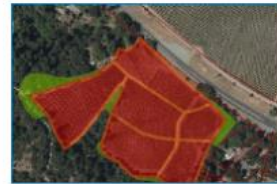
**building - plan check map**  
Web Map



**Data\_CatalogHosted\_test**  
Feature Service



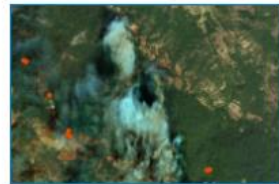
**EH Well Surveys**  
Web Mapping Application



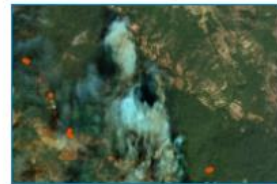
**Erosion Control Plans**  
Web Mapping Application



**FEMA Flood Map w/  
LOMAs and LOMRs**  
Web Mapping Application



**FIRE: DAR / ROE retrieval  
w/ Geologic Units**  
Web Mapping Application



**FIRE: Fire Damage  
Assessment Map**  
Web Map



**NapaCo\_Vegetation**  
Feature Service



**Project Review**  
Web Mapping Application



**Project Review-Catalog  
Test**  
Web Map



**Simplified front counter**  
Web Mapping Application