

# Attachment B

## ENTRY FORM

You may type this information on a separate sheet and submit as Page I of your entry:

### ISSUE AREA CATEGORY:

- ☐ Administration of Justice & Public Safety  
☐ Agriculture, Environment & Natural Resources  
☐ Government Finance, Administration & Technology  
☐ Health & Human Services  
☒ Housing, Land Use & Infrastructure

### POPULATION CATEGORY:

- ☐ Rural County  
☒ Suburban County  
☐ Urban County



CALIFORNIA  
COUNTIES

Santa Barbara

County Name

Jeff Wilson, Director, Development Review Division

Contact Name and Title

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### TITLE OF THIS ENTRY

(to be used on award – seven words maximum)

Resiliency in Rebuilding: Data-Driven Mapping

### REMEMBER TO INCLUDE THE FOLLOWING FOR EACH ENTRY:

- Completed entry form; remember to check the appropriate issue area and population categories.
- 2-Page executive summary.
- Copy of endorsement letter authorizing entry. One letter may be used for multiple entries, but please include a copy for each entry.
- Enclose payment of \$75.00 for each entry. One check may be used for multiple entries.

### CHECKS SHOULD BE MADE

#### PAYABLE TO:

CSAC Challenge Awards

#### MAIL OR DELIVER ALL OF THE ABOVE TO:

CSAC Challenge Awards  
1100 K Street, Suite 101,  
Sacramento, CA 95814



## 2017 CSAC CHALLENGE & MERIT AWARD RECIPIENTS

### CHALLENGE AWARDS

#### Administration of Justice

Rural: Humboldt County – Re-Programming Corrections  
Suburban: Yolo County – Yolo County Construction Program  
Urban: Santa Clara County – Advancing Innovative Pretrial Justice Reform for All

#### Agriculture, Environment & Natural Resources

Rural: Humboldt County – Medical Cannabis Trace and Trace Pilot Project  
Suburban: Monterey County – Farmworker Advisory Committee  
Urban: Los Angeles County – The Growing Experience Environmental Resource Center

#### Government Finance, Administration & Technology

Rural: Humboldt County – Budget Road Show  
Suburban: Tulare County – Project Foxtrot Fire APP  
Urban: Los Angeles County – DCFC Student Info Tracking System

#### Health & Human Services

Rural: Sutter/Yuba Counties – Embedding Behavioral Health Crisis Staff in ERs  
Suburban: Marin County – Rx Safe Marin: Prescription Drug Misuse/Abuse Initiative  
Urban: San Bernardino County – Housing Support Program Collaborative  
Ventura County – Health Insurance Eligibility APP

#### Housing, Land Use & Infrastructure

Rural: Nevada County – Over-the-Counter Plan Review Program  
Suburban: Sonoma County – Creating More Housing with 100% Rental Density Bonus  
Urban: Los Angeles County – Spanish Planning Program

### MERIT AWARDS

#### Administration of Justice

Rural: None Given  
Suburban: Imperial County – Imperial County Adult Re-Entry Summit  
Napa County – Dosage Probation  
Shasta County – SB 1143 Early Implementation Best Practice Solutions  
Urban: Riverside County – Intensive Re-Integration Services (IRIS) Unit  
Santa Clara County – Santa Clara Probation – Family of Friends

#### Agriculture, Environment & Natural Resources

Rural: Mariposa County – Mariposa Clean Sweep  
Mono County – Thermal Biomass Boiler Project  
Suburban: Kern County – Electronic-Based Permit System for Energy Permits  
Marin County – Parks Prescriptions Partnership Improves Community Health Outdoors  
Urban: Alameda County – Train Next Generation of Climate Protection Leaders  
San Diego County – CIVICS Program

#### Government Finance, Administration & Technology

Rural: Humboldt County – All Hands Training Day  
Humboldt County – Tsunami Zone APP  
Mendocino County – Comprehensive New Employee Orientation  
Suburban: Sonoma County – Marriage License Signature Project  
Urban: Alameda County – Automated Employee Onboarding System  
Contra Costa County – Rain Map APP  
Los Angeles County – Library Offers Life Skills Training for Teens  
Riverside County – Riverside County Transformation  
Riverside County – Unity: Medical, Health & Traditional Emergency Management  
San Bernardino County – Virtual Receptionist

#### Health & Human Services

Rural: Humboldt County – Child Support Collections for Multiple Small Counties  
Nevada County – Nevada County CalWORKS Connection Program  
Nevada County – What's Up? Wellness Checkups in Nevada County

Suburban: Napa County – Homeless and Housing System Change in Napa  
Urban: Alameda County – One Touch: Customer Centric Distributed Work Model  
Contra Costa County – Inter-County Business Intelligence Partnership  
Contra Costa County – Parent Partner Program of Contra Costa County  
San Bernardino County – Mutual Aid for a Public Health Emergency  
San Mateo County – Ending Homelessness in San Mateo County  
Ventura County – Safe Alprazolam Prescribing and Benzodiazepine Monitoring Program

#### Housing, Land Use & Infrastructure

Rural: None Given  
Suburban: None Given  
Urban: Los Angeles County – Buyers Beware: Property Buying Education Program

## RESILIENCY IN REBUILDING: DATA-DRIVEN MAPPING

*To assist property owners affected by the January 9, 2018 debris flow event, County staff created an interactive GIS map with property damage information and permit history.*

After the Thomas Fire swept through Santa Barbara and Ventura Counties burning 281,893 acres, the January 9, 2018 debris flows and flash floods struck the Montecito community, resulting in loss of life, 477 destroyed and damaged properties, and drastically different topography. Rather than creating physical case files and sending affected property owners to multiple County departments to obtain property records, the Planning and Development Department consolidated site-specific information in a web-based GIS map to assist in rebuilding. This GIS map<sup>1</sup> includes the following information for each of the impacted structures: (1) address and parcel information; (2) who a property owner's assigned case manager/planner is, including contact information; (3) the property's permit history and Assessor records; (4) archived planning and building permit records; and (5) an assessment of structural damage (unsafe to occupy, limited entry, and habitable placard postings). In addition, the map consists of various layers that can be switched on and off including zoning designations, 100-year flood hazard areas, and pre- and post-disaster aerial imagery. Having one location for rebuilding information helps property owners and staff planners easily compile the data necessary to apply for and process rebuilding permits. Staff also created a How-To Guide<sup>2</sup> that describes the map's functionality. This multi-layered GIS map replaces paper case files and reduces staff time spent researching property records.

Within a week of the January 9, 2018 debris flow events, Building & Safety Division staff conducted field inspections to assess structural safety and posted a red (unsafe to occupy), yellow (limited entry), or green (habitable) placard on affected structures. In the months following the

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<sup>1</sup> The Santa Barbara County GIS map can be viewed here:

<https://sbcopad.maps.arcgis.com/apps/webappviewer/index.html?id=c1df066590034bfc83f6b1d3d0ea94bf>

<sup>2</sup> The P&D Interactive Map How-To-Guide for the Thomas Fire and 2018 Debris Flow Events can be found here:

<http://www.sbcountyplanning.org/pdf/misc/How-To-Guide%20Interactive%20Map.pdf>

disasters, staff continues to do inspections and updates the postings as owners begin to remove mud and debris from their property. The interactive map includes red, yellow, and green squares, which represent a structure's current safety posting. The map also identifies the initial safety posting and estimated percent of damage.

While Santa Barbara County currently utilizes GIS for policy consistency information, this unique web-based map contains project-specific information that previously was not available in one location. With over 3,000 views since it was launched in February 2018, the GIS map enables property owners to see the same information after a disaster as staff without the need for staff to print out documents or assemble physical case files, thus improving efficiency and reducing County costs. For each affected structure, the compilation of data saves staff approximately one hour of time that it would otherwise take to research a parcel and compile a case file. With 477 affected structures, the Planning and Development Department estimates that the interactive map could be saving the Department approximately \$105,000 - \$110,000.

Inclusive of planning, assessor, and flood control information, this GIS web-based interactive map was designed specifically to respond to disasters by linking safety assessments with permit history and connecting property owners with their respective case managers. As a critical rebuilding tool for architects, agents, affected property owners, and County departments, the interactive map will continue to be updated with additional data, including the new advisory FEMA Recovery Mapping (i.e. updated 100-year flood risk). The Planning and Development Department looks forward to modeling future disaster mapping after this GIS map in an effort to consolidate parcel data in one easily accessible location throughout the County, and to assist impacted property owners in making challenging development decisions.

**Project Contact:**

Jeff Wilson, Deputy Director, Development Review Division, 123 East Anapamu Street, Santa Barbara, CA 93101; (805) 568-2518; [jewilson@co.santa-barbara.ca.us](mailto:jewilson@co.santa-barbara.ca.us)

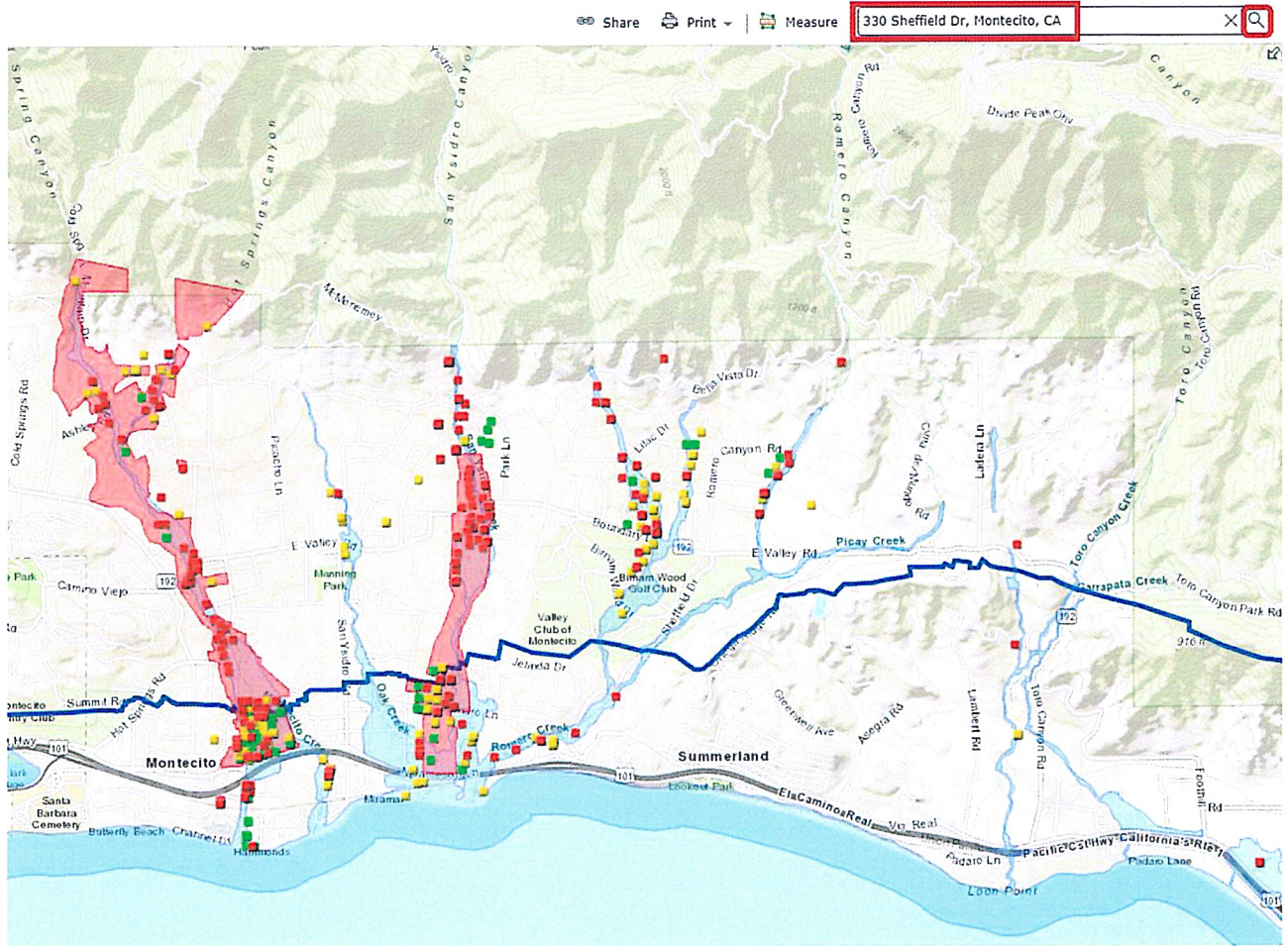


## P&D GIS Map How-To-Guide

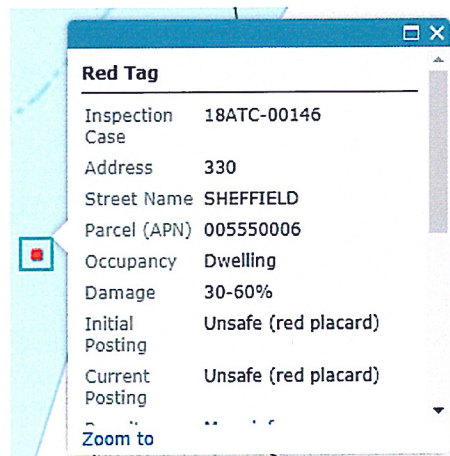
### Thomas Fire / January 9, 2018 Debris Flow

The interactive GIS web-based map is available [here](#).

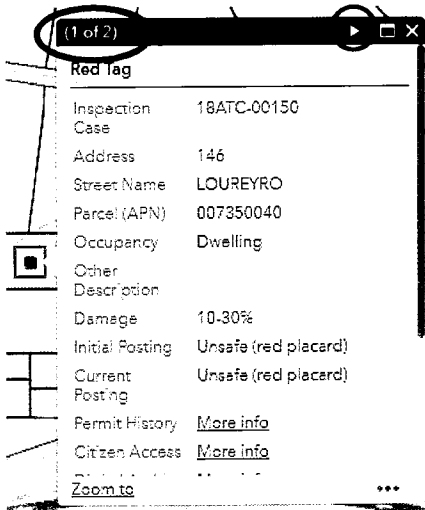
Once you have accessed the map, type in your address in the field on the top right corner and click on the magnifying glass icon, as shown below:



After you click on the magnifying glass, the map will zoom in to your parcel. Click on the red, yellow, or green square. A small box will pop-up (as shown below) which includes specific information about your property. Notice that you can scroll up and down within the pop-up box.



Some properties have multiple pages within the pop-up box. You can switch between pages by clicking on the arrow on the top right corner. Each page gives information regarding a damaged or destroyed structure on the property.



The pop-up box will include links to the following:

- **Permit History**
- **Citizen Access (Accela), our active case records**
- **Digital Archive (Valise), our microfiche system**
- **Assessor's Parcel Map**

**PERMIT HISTORY:** Clicking on this link will provide you with a report that outlines the permit history for your parcel, including parcel geographical data, special districts the parcel is associated with (e.g. fire, schools, water), and prior Planning and Building case information.

**CITIZEN ACCESS:** By clicking on this link, you can review information regarding Building and Planning permits that are currently being processed for your property. Click on either "*Building*" or "*Planning*" at the bottom of the webpage. Not all fields need to be completed. For example, if all you have available is your permit number, that is all you need to enter into the Citizen's Access portal in order to obtain information about that specific permit, as shown below:

Home Building **Planning** General Information

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**Search Applications**

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**Search for Planning Cases**  
Enter information below to search the County's Planning Case database. Planning Cases can be searched for by entering any of the following information:  
• General Search  
• Site Address  
• Permit Information  
Use the dropdown menu to change the Search type.

**General Search** General Search ▾

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Permit Number: 18DIS-00001 Permit Type: --Select-- ▾

Project Name:

Start Date: 02/07/2013 End Date: 02/07/2018

Street No.: From - To Direction: --Select-- ▾ Street Suffix: --Select-- ▾

Street Name:  Street Type: --Select-- ▾

Parcel No (no dashes):

City:  State:  Zip:

Country: --Select-- ▾

▶ [Search Additional Criteria](#)

**Search** **Clear**

**DIGITAL ARCHIVE:** By clicking this link, you can review past Building and Planning permits that were approved and/or issued for your property. Once you have accessed the webpage, press “APN-Permit System” and enter your APN Number without using dashes, as shown below:

**Enter Search Criteria:**

Search Type: APN-Permit System

APN Number: 005050012

Permit Number:

Street Number:

Street Direction:

Street Name:

**Back** **Search**






Once you have pressed “Search”, you will be taken to a webpage where you can access available files by clicking on the document icons on the very left, as shown below:

Results for APN-Permit System

Found 3 Files

Refresh | Edit Search

	APN Number	Permit Number	Street Number	Street Direction	Street Name	Street Suffix
	005050012	262328	2960		TORITO	RD
	005050012	264433	2960		TORITO	RD
	005050012		2960		TORITO	RD

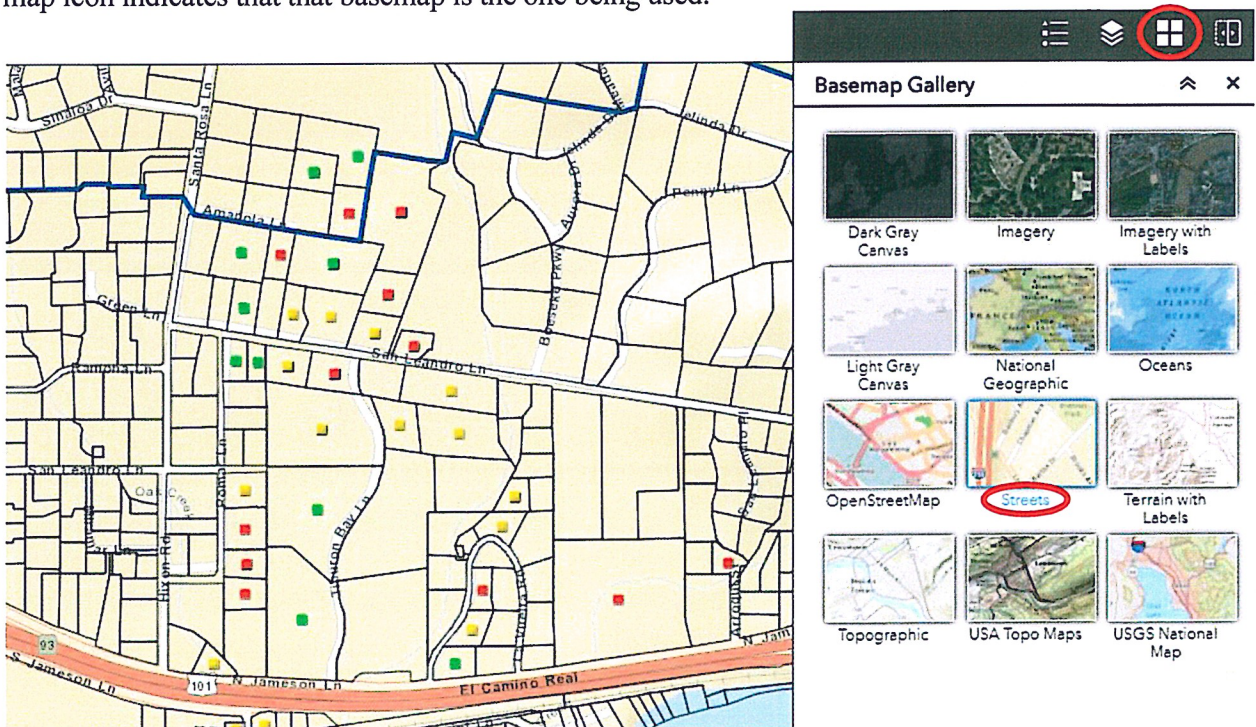
A user guide for the archival website is available [here](#). Some microfiche planning permit files may still be in the process of being converted and will be added as soon as they become available.

If you would like to review hard-copy microfiche at the Planning and Development Department offices, you can do so during our Building, Planning, and Zoning Counter hours, which are Monday, Tuesday, Wednesday, and Friday from 9:00 am – 12:00 pm and 1:30 pm – 4:00 pm and Thursday from 10:00 am – 12:00 pm and 1:30 pm – 4:00 pm. Our Building, Planning, and Zoning Counter is located on the second floor at 123 East Anapamu Street, Santa Barbara, CA 93101.

**ASSESSOR’S PARCEL MAP:** Clicking on this link will provide you with the Assessor’s Parcel Map for your parcel.

***ADDITIONAL MAP FEATURES:*** See below for explanations on how to use different basemaps, layers, and the swipe-feature.

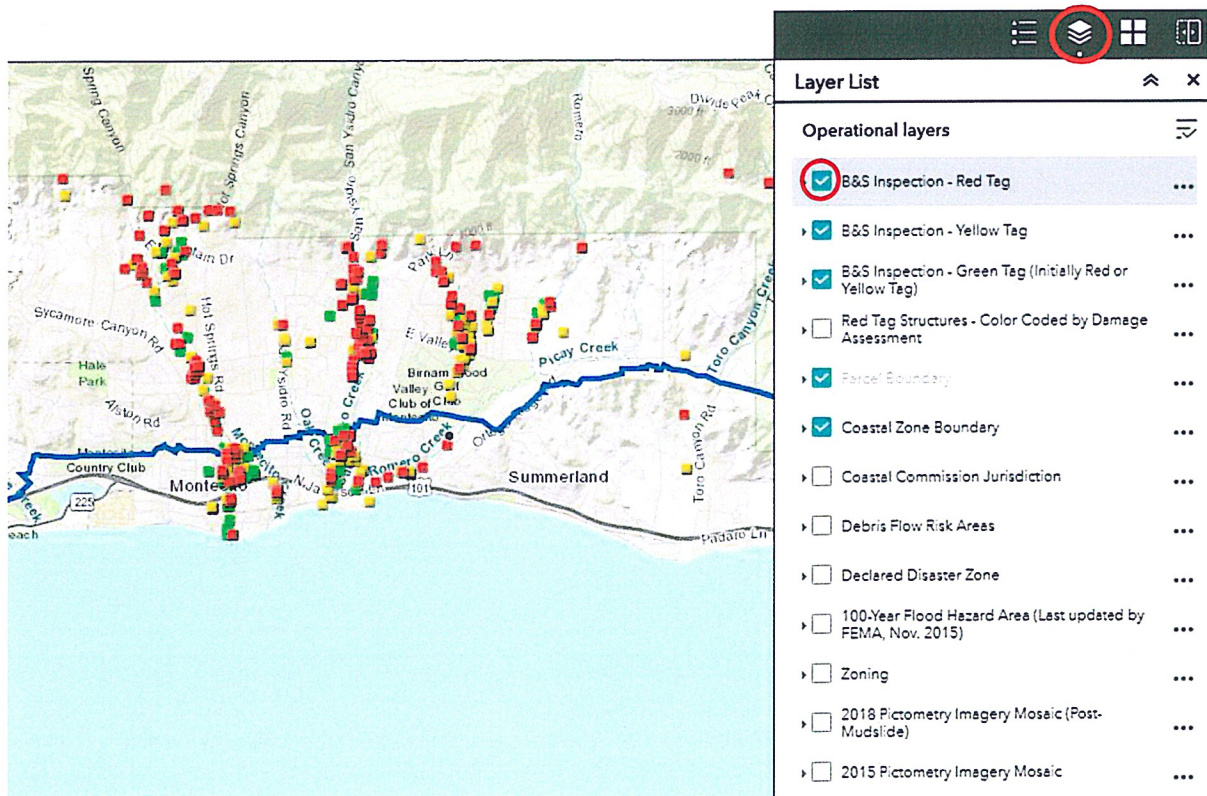
**BASEMAP GALLERY:** The map consists of different basemaps. To access the drop-down list of available basemaps, click on the “squares” icon (third from the left) on the top right corner of the map, as shown below. To use a specific basemap, click on the desired map icon. Blue text under a map icon indicates that that basemap is the one being used.



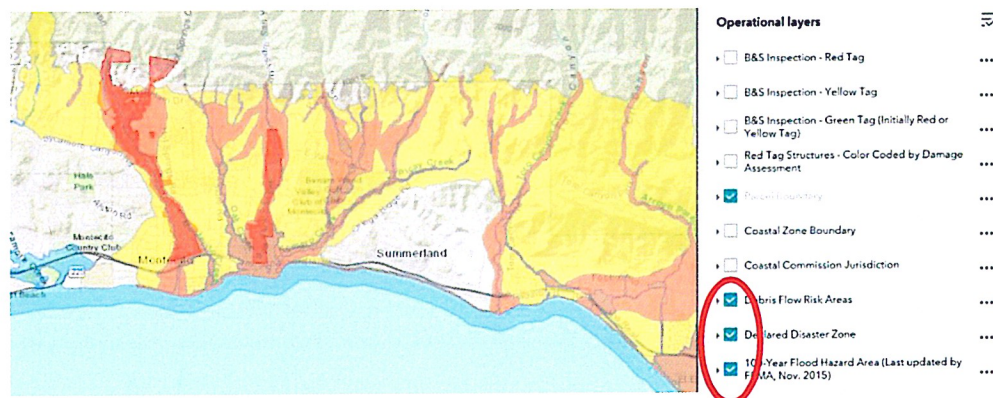


**LAYER LIST:** The map consists of various layers that can be switched on or off. Layers include zoning designations, 100-year flood hazard areas, and pre- and post- disaster aerial imagery. To access the drop-down list of available layers, click on the “layer” icon (second icon from the left) on the top right corner of the map, as shown below. To turn a layer on, click on the checkbox next to the layer’s name. A blue checkbox indicates that a layer is turned on and being shown on the map.

The map below shows the Coastal Zone Boundary in blue and the current postings for affected structures based on Building and Safety Division inspections (i.e. red, yellow, or green placards).

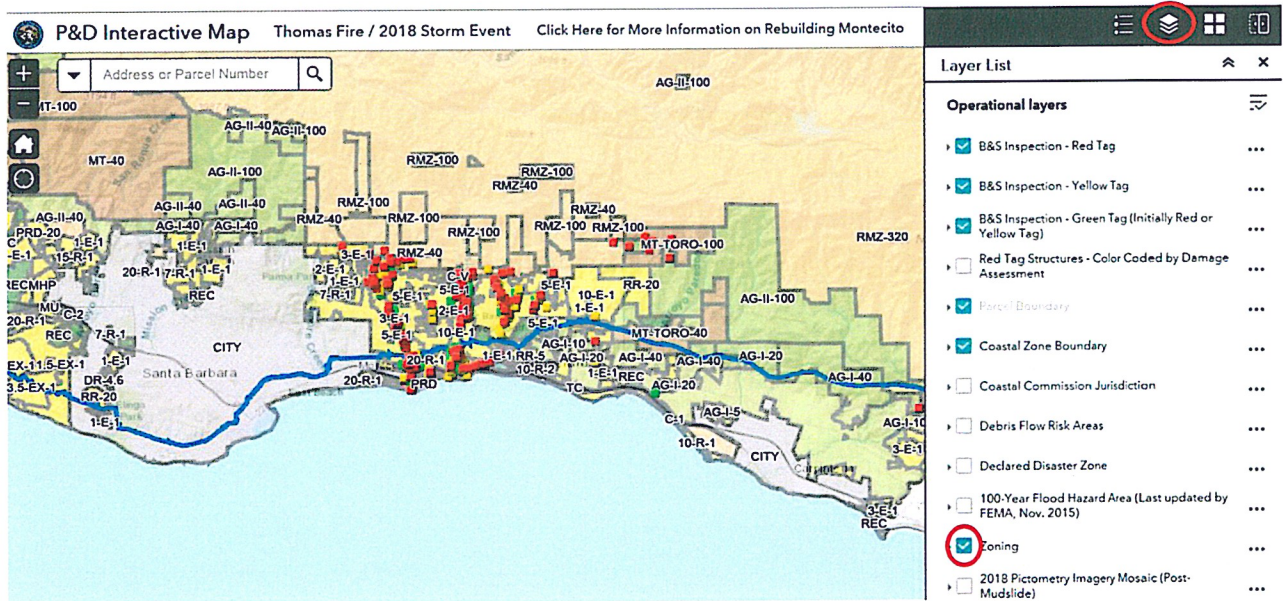


This next map shows the debris flow risk areas in red and yellow, the declared disaster zone in Montecito in dark red, and the existing 100-year flood hazard area in blue. An additional flood hazard area layer will be added to this map when the advisory FEMA recovery mapping comes out in June 2018.





The following map shows the zoning for parcels throughout Santa Barbara County.



**SWIPE-FEATURE:** Two of the available layers are 2015 pre-disaster and 2018 post-disaster aerial imagery. By switching both of these layers on, you can use the swipe-feature to compare what the terrain looked like before and after the disasters. To use the swipe-feature, click on the “swipe” icon (fourth icon from the left) on the top right corner of the map, as shown below. Drag the swipe tool to the left and the right to compare.

