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## Central Valley Regional Water Quality Control Board

24 February 2021

Chris Lee  
Solano County Water Agency  
810 Vaca Valley Parkway #203  
Vacaville, CA 95688

### **NOTICE OF APPLICABILITY; GENERAL SECTION 401 WATER QUALITY CERTIFICATION ORDER REQUIREMENTS FOR THE SOLANO COUNTY WATER AGENCY, PLEASANTS CREEK POST-FIRE SEDIMENT STABILIZATION PROJECT (WDID#5A48CR00184), SOLANO COUNTY**

On 21 September 2020, Solano County Water Agency (Applicant) filed a notification requesting coverage under the 9 October 2018 State Water Resources Control Board Clean Water Act Section 401 General Water Quality Certification of the United States Army Corps of Engineers (USACE) Regional General Permit 8 (General Certification Order) for the Pleasants Creek Post-Fire Sediment Stabilization Project (Project). After review of the notification and the supplemental material submitted by the Applicant, the Central Valley Regional Water Quality Control Board (Central Valley Water Board) has determined that the Project qualifies for enrollment under this General Certification Order. The proposed activity will take place within 0.72 acre/900 linear feet of waters of the United States.

The Central Valley Water Board is certifying this Project under United States Army Corps of Engineers Regional General Permit 8, Emergency Repair and Protection Activities, subject to the conditions and the notification requirements described in the Nationwide Permit ("Special Conditions"). This Notice of Applicability is being issued under the General Certification Order pursuant to Section 3838 of the California Code of Regulations.

A copy of the [General Certification Order](https://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/generalorders/order_rgp8.pdf) ([https://www.waterboards.ca.gov/water\\_issues/programs/cwa401/docs/generalorders/order\\_rgp8.pdf](https://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/generalorders/order_rgp8.pdf)) can be found on the State Water Resources Control Board's General Orders webpage and is enclosed.

The Project must proceed in accordance with the requirements contained in this Notice of Applicability and General Certification Order. The Project is described in the

KARL E. LONGLEY ScD, P.E., CHAIR | PATRICK PULUPA, ESQ., EXECUTIVE OFFICER

notification form requesting coverage under the General Certification Order, dated 21 September 2020, and supplementary information (Application Package). Coverage under the General Certification Order is no longer valid if the Project (as described) is modified.

**PROJECT DESCRIPTION:**

The 1-acre Pleasants Creek Post-Fire Sediment Stabilization Project (Project) consists of installing up to 36 rock weirs in the bed of Pleasants Creek. The Project intends to stabilize the bed and bank of Pleasants Creek, the watershed of which was burned in the LNU Lightning Complex Fire (LNU Fire) in August 2020. The project will use Cross-Vanes and W-Weirs to provide grade control, direct flows to the center of the channel away from the banks, and enhance fish habitat. The W-Weirs may be used where the creek is wider than 30 feet. J-Hook vanes are placed on the outside of stream bends and are designed to reduce bank erosion similar to stream barbs, where the hook creates a wider, deeper pool than a vane only structure. The vanes are embedded into the creek bed and protrude up to 12" above the bottom elevation of the waterbody. The vanes do not cause a permanent adverse effect to waters of the United States or a loss of aquatic resource functions and services. Instream gravel and cobble will be graded to seal the upstream side of the vane.

The project will place 2,473 cubic yards of rock and 1,800 cubic yards of gravel into 0.72 acre/900 linear feet of stream channel. Project activities will temporarily disturb 0.72 acre/900 linear feet of stream channel habitat (waters of the United States).

All work will be completed in dry conditions and no water diversion is anticipated.

The Project will permanently impact 0.72 acre/900 linear feet and temporarily impact 0.72 acre/900 linear feet of waters of the United States.

**PROJECT LOCATION:**

The Project is located at multiple sites in Pleasants Creek along Pleasants Creek Road, near Putah Creek Road. Pleasants Creek is tributary to Putah Creek between Lake Berryessa and Lake Solano.

Township 6 North Range 1 West, MDB&M

Latitude: 38.489954° N and Longitude: 122.020678° W

**PROJECT SCHEDULE:**

The approximate timeframe of Project construction is 21 September 2020 through 31 May 2021.

**APPLICATION FEE RECEIVED:**

An application fee of \$ 1,949.00 was received on 29 September 2020. The fee amount was determined as required by California Code of Regulations, title 23, sections 3833(b)(3) and 2200(a)(3) and was calculated as category F- Emergency Projects authorized by a Water Board General Order (fee code 85) with the dredge and fill fee calculator.

If you have any questions regarding this Notice of Applicability, please contact Angela Nguyen-Tan at (916) 464-0335 or [Angela.Nguyen-Tan@waterboards.ca.gov](mailto:Angela.Nguyen-Tan@waterboards.ca.gov)

*Original Signed By Bryan J. Smith for:*

Patrick Pulupa  
Executive Officer

Attachments: Figure 1 – Rock Structure Locations  
Figure 2-4 – Field Inspection Images

Enclosure: Water Quality Order No. 2018-0025-EXEC Clean Water Act Section 401  
Water Quality Certification and Order

cc: [Via email only]

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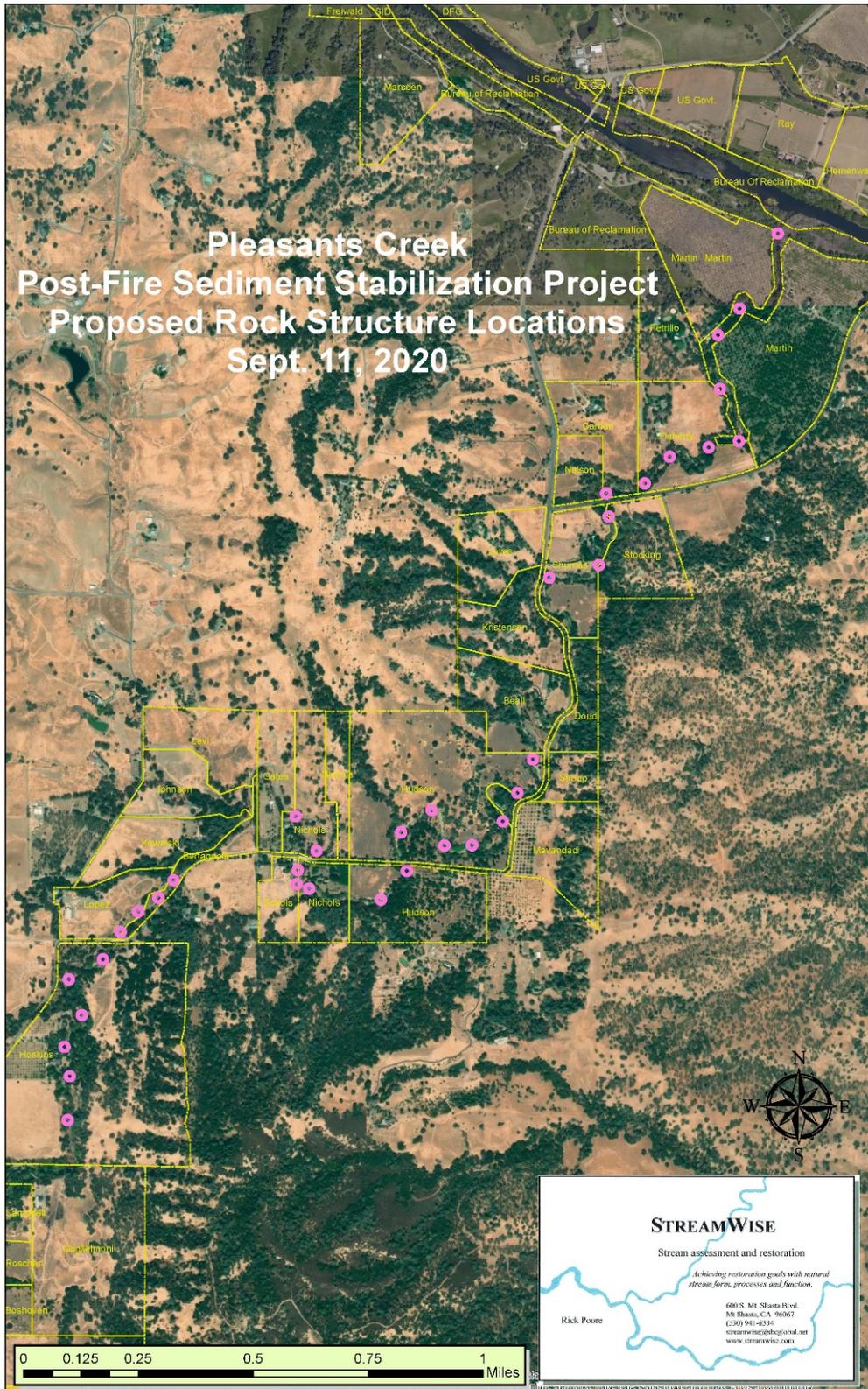


Figure 1 – Project Location

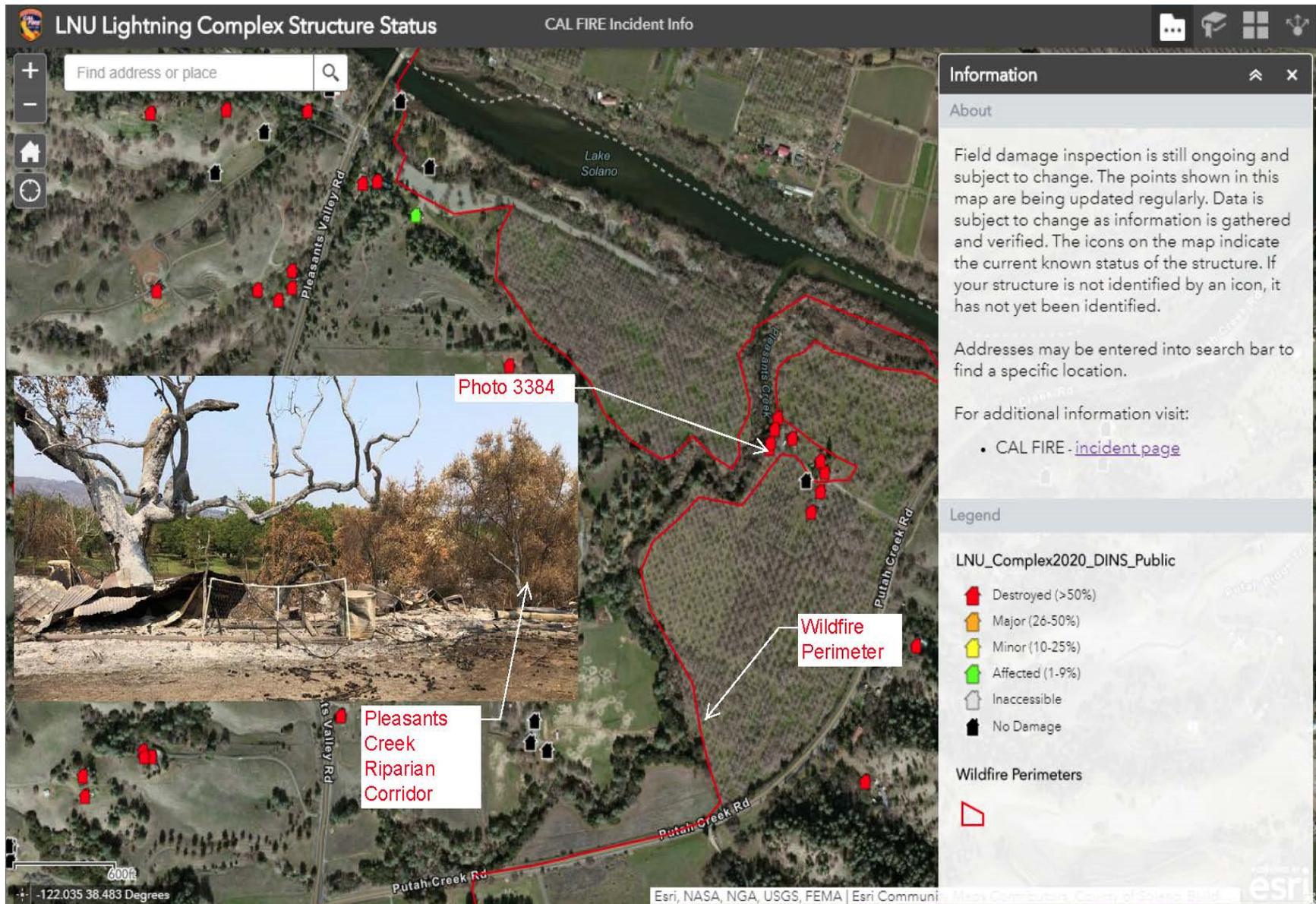


Figure 2 – Field Inspection Image 1

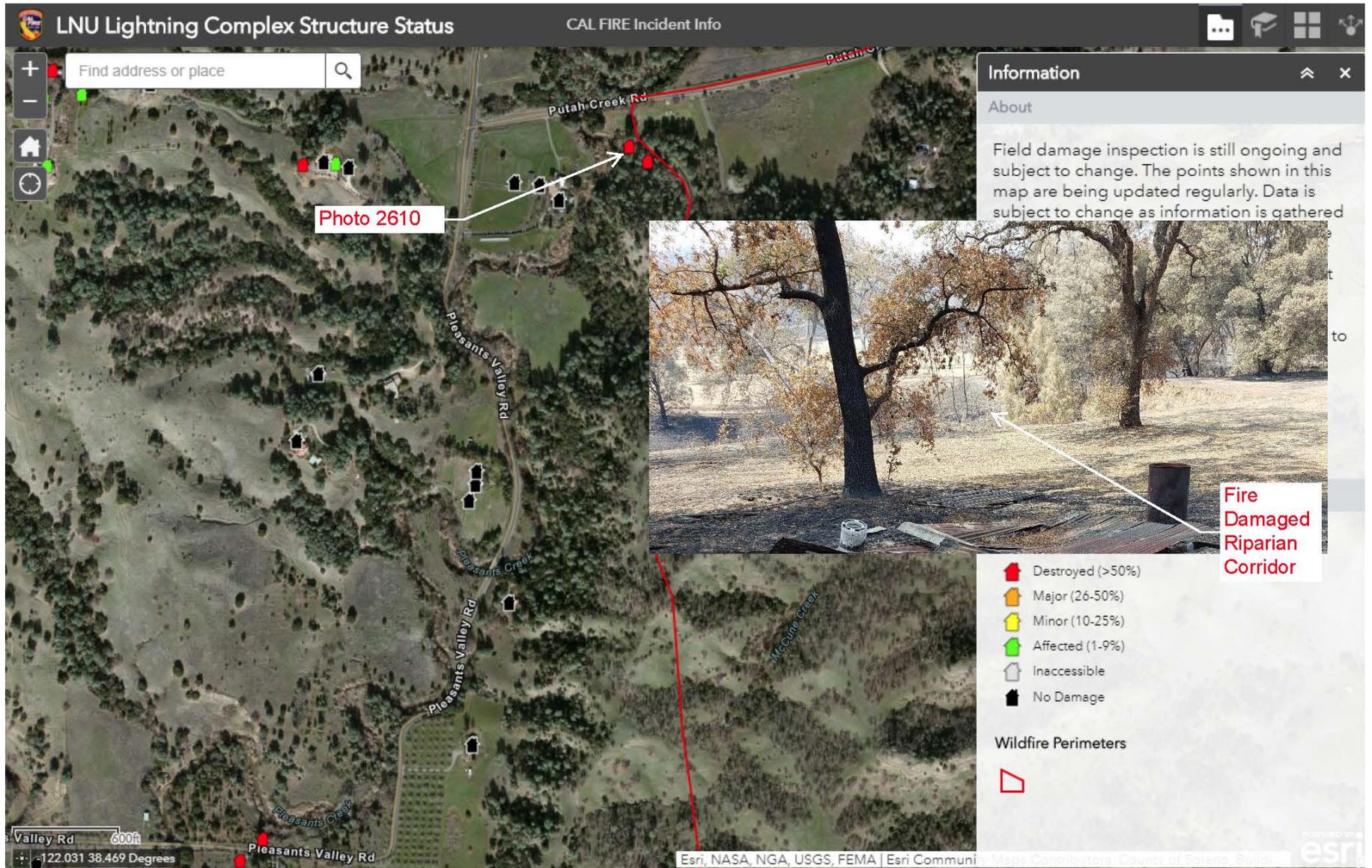


Figure 3 – Field Inspection Image 2

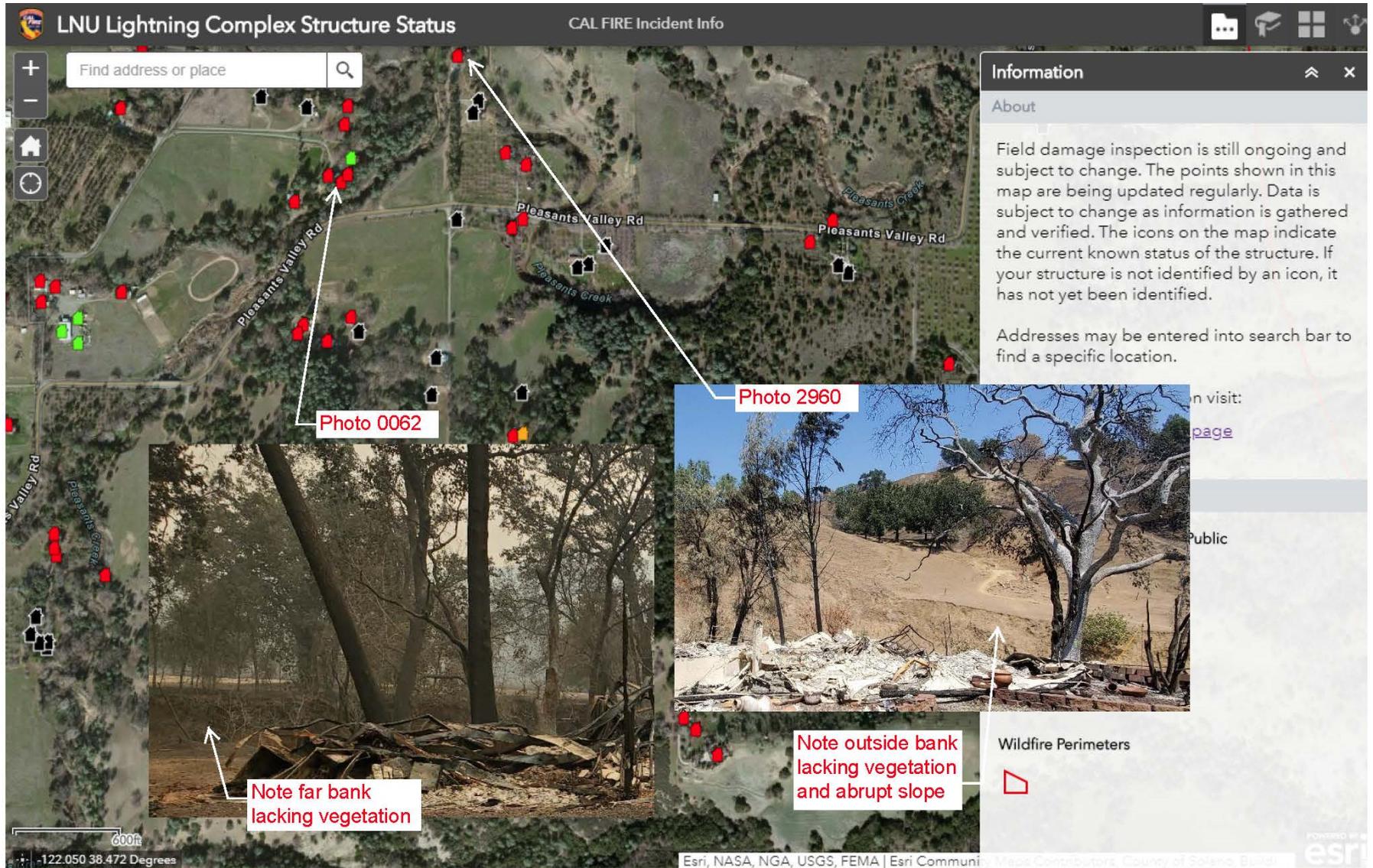


Figure 4 – Field Inspection Image 3