



Central Valley Regional Water Quality Control Board

16 September 2025

Craig Geldard
Pacific Gas and Electric Company
300 Lakeside Drive
Oakland, CA 94612-3534

**NOTICE OF APPLICABILITY: STATE WATER RESOURCES CONTROL BOARD
CLEAN WATER ACT SECTION 401 GENERAL WATER QUALITY CERTIFICATION
OF ARMY CORPS OF ENGINEERS' 2021 NATIONWIDE PERMITS (ORDER NO.
WQ 2021-0048-DWQ), PACIFIC GAS AND ELECTRIC COMPANY, ANTLERS
SUBSTATION ROAD WATERCOURSE CROSSING IMPROVEMENT PROJECT
(WDID NO. 5A45CR00677), SHASTA COUNTY**

On 18 August 2025, Pacific Gas and Electric Company (Applicant) filed a Notice of Intent (NOI) requesting coverage for the Antlers Substation Road Watercourse Crossing Improvement Project under State Water Resources Control Board's Clean Water Act Section 401 General Water Quality Certification of Army Corps of Engineers' 2021 Nationwide Permits (Order No. WQ 2021-0048-DWQ). The applicable Nationwide Permit (NWP) is NWP 3(a), Maintenance. After reviewing the NOI and supplemental materials submitted by the Applicant, the Central Valley Regional Water Quality Control Board (Central Valley Water Board) has determined that the Antlers Substation Road Watercourse Crossing Improvement Project (Project) qualifies for enrollment under this General Order.

The Central Valley Water Board is certifying this Project under Water Quality Order WQ 2021-0048-DWQ. This Notice of Applicability (NOA) is being issued at the request of Pacific Gas and Electric Company (hereinafter Enrollee) under the General Order pursuant to Section 3838 of the California Code of Regulations.

A copy of the General Order is enclosed. You can also access the General Order on [State Water Resources Control Board's General Orders Web Page](https://www.waterboards.ca.gov/water_issues/programs/cwa401/generalorders.html#yr_2021) (https://www.waterboards.ca.gov/water_issues/programs/cwa401/generalorders.html#yr_2021).

The Project must proceed in accordance with the requirements contained in this NOA and the General Order. The Project is described in the NOI Form requesting coverage and supplementary information (Application Package). If the Project is modified from that described in the Application Package, then coverage under the General Order is no longer valid.

I. Public Notice

The Central Valley Water Board provided public notice of the application from 22 August 2025 to 12 September 2025. The Central Valley Water Board did not receive any comments during the comment period.

II. Project Description

The Enrollee proposes to replace an existing bridge used to access Antlers Substation located north of Lakehead, in Shasta County. The bridge spans an unnamed tributary to Shasta Lake. Flooding has damaged the substation bridge, which can no longer support the weights of vehicles needed to access the substation to perform operation and maintenance activities.

The total project area will be 0.45 acre and approximately 100 linear feet, which accounts for upland habitat adjacent to the creek as well as the existing road prism, where equipment will be staged, and existing access roads. Work will occur in the dry season, and no dewatering will occur. The existing bridge consists of 6 culverts that will be removed and replaced with a new bridge that spans the intermittent creek.

The existing bridge will be removed and replaced with a 31-foot-long by 24-foot-wide precast concrete slab. The new bridge will be installed on precast concrete footings/abutments that will be 4-feet-wide by 21-feet-long. No wet concrete will be placed within the stream channel.

The precast abutments, totaling approximately 0.005 acre of permanent impacts, will occur below the ordinary high water mark (OHWM). Approximately 0.009 acre of rip rap (rock slope protection) will be installed on the banks of the creek to protect the bridge abutments during high flows. Approximately 0.001 acre of rock slope protection will be below the OHWM. Rock slope protection will consist of 6"-12" rock. All work will take place from the existing road using heavy equipment to place the abutments and rock slope protection.

III. Project Location

County: Shasta County

Nearest City: Lakehead

Section 12, Township 35 North, Range 05 West, MDB&M.

Latitude: 40.8951° and Longitude: -122.3817°

Maps showing the Project location are found in Attachment A of this NOA.

IV. Project Impact and Receiving Waters Information

The Project is located within the jurisdiction of the Central Valley Water Board. Receiving waters and groundwater potentially impacted by this Project are protected in accordance with the Water Quality Control Plan for the Sacramento River and San Joaquin River Basins, Fifth Edition, February 2019 (Basin Plan). The plan for the

region and other plans and policies may be accessed at the [State Water Resources Control Board's Plans and Policies Web page](http://www.waterboards.ca.gov/plans_policies/) (http://www.waterboards.ca.gov/plans_policies/). The Basin Plan includes water quality standards, which consist of existing and potential beneficial uses of waters of the state, water quality objectives to protect those uses, and the state and federal antidegradation policies.

It is the policy of the State of California that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes. This NOA promotes that policy by requiring discharges to meet maximum contaminant levels designed to protect human health and ensure that water is safe for domestic use.

Project impact and receiving waters information can be found in Attachment B. Table 1 of Attachment B shows the receiving waters and beneficial uses of waters of the state impacted by the Project. Individual impact location and quantity are shown in Tables 2 and 3 of Attachment B.

V. Description of Direct Impacts to Waters of the United States

Total Project fill/excavation quantities for all impacts are summarized in Table 1. Permanent impacts are categorized as those resulting in a physical loss of area and those degrading ecological conditions. Impacts to waters of the state shall not exceed quantities shown in Table 1.

Table 1: Total Project Fill/Excavation Quantity for Temporary Impacts¹

Aquatic Resources Type	Acres	Cubic Yards	Linear Feet
Stream Channel	0.001	16	17

Table 2: Total Project Fill/Excavation Quantity for Permanent Physical Loss of Area Impacts

Aquatic Resources Type	Acres	Cubic Yards	Linear Feet
Stream Channel	0.006	64	92

¹ Includes only temporary direct impacts to waters of the state and does not include area of temporary disturbance which could result in a discharge to waters of the state. Temporary impacts, by definition, are restored to pre-project conditions and therefore do not include a physical loss of area or degradation of ecological condition.

VI. California Environmental Quality Act (CEQA)

The Central Valley Water Board has determined that the Project is exempt from review under CEQA pursuant to California Code of Regulations, Title 14, section 15061. Specifically, the issuance of this Order and the activities described herein meet the exemption criteria under California Code of Regulations, Title 14, section 15302, Replacement or Reconstruction. Class 2 consists of replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the replaced structure and will have substantially the same purpose and capacity as the structure replaced.

VII. Petitions for Reconsideration

Any person aggrieved by this action may petition the State Water Board to reconsider this Order in accordance with California Code of Regulations, title 23, section 3867. A petition for reconsideration must be submitted in writing and received within 30 calendar days of the issuance of this Order.

VIII. Fees Received

An application fee of \$4,212.00 was received on 26 August 2025. 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 E – Low Impact Discharges (fee code 87) with the dredge and fill fee calculator.

IX. Mitigation for Temporary Impacts

1. The Permittee shall restore all areas of temporary impacts, including Project site upland areas, which could result in a discharge to waters of the state to pre-construction contours and conditions upon completion of construction activities within 90 days of completion of the project.
2. If restoration of temporary impacts to waters of the state is not completed within 90 days of the impacts, compensatory mitigation may be required to offset temporal loss of waters of the state.

X. Compensatory Mitigation for Permanent Impacts

Compensatory mitigation is required for permanent physical loss and permanent ecological degradation of a water of the state.

1. Total Required Compensatory Mitigation

- a. The Project will permanently impact 0.006 acre of stream channel and will compensate for the impact through enhancement of the streambed. The removal of the culverts and the existing road will improve watershed health by significantly improving road drainage on access roads to the Antlers Substation. Improved water quality will benefit downstream aquatic resources.
- b. Total required Project compensatory mitigation information for permanent

physical loss of area is summarized in Table 2. [Establishment (Est.), Re-establishment (Re-est.), Rehabilitation (Reh.), Enhancement (Enh.), Preservation (Pres.), Unknown].

Table 3: Total Required Project Compensatory Mitigation Quantity for Permanent Physical Loss of Area

Aquatic Resource Type	Mitigation Type	Units	Est.	Re-est.	Reh.	Enh.	Pres.	Unknown
Stream Channel	Permittee-Responsible	Acre				0.006		

X. Central Valley Regional Water Quality Control Board Contact:

If you have any questions regarding this Notice of Applicability, please contact Daniel Warner at (530) 224-4848 or Daniel.Warner@waterboards.ca.gov.

Original Signed by Clint E. Snyder, AEO

For Patrick Pulupa, Executive Officer

Central Valley Regional Water Quality Control Board

9/16/2025

Date

Enclosure: State Water Resources Control Board's Clean Water Act Section 401 General Water Quality Certification of Army Corps of Engineers' 2021 Nationwide Permits (Order No. WQ 2021-0048-DWQ)

Attachments: Attachment A - Project Maps
Attachment B - Receiving Water, Impact, and Mitigation Information
Attachment C - CEQA

cc via email: U.S. EPA, Region 9, San Francisco
Water Quality Certification Unit, SWRCB, Sacramento
Hillary Regnart, U.S. Army Corps of Engineers, Sacramento District
Samuel Silver, Pacific Gas and Electric Company, Oakland
Lisa Allen, ICF, Sacramento

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Figure 1. Project Location Map

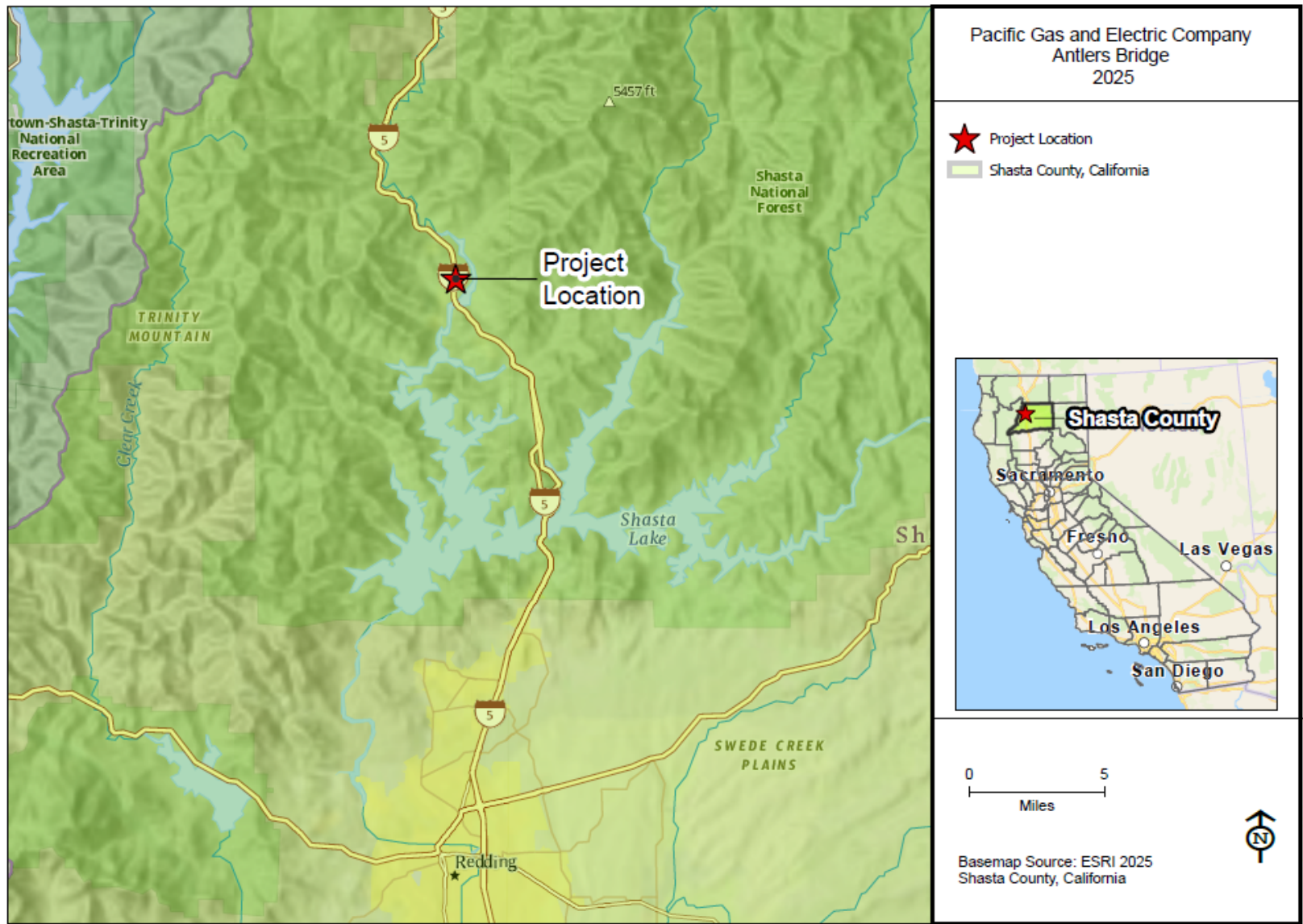


Figure 2. Project Vicinity Map

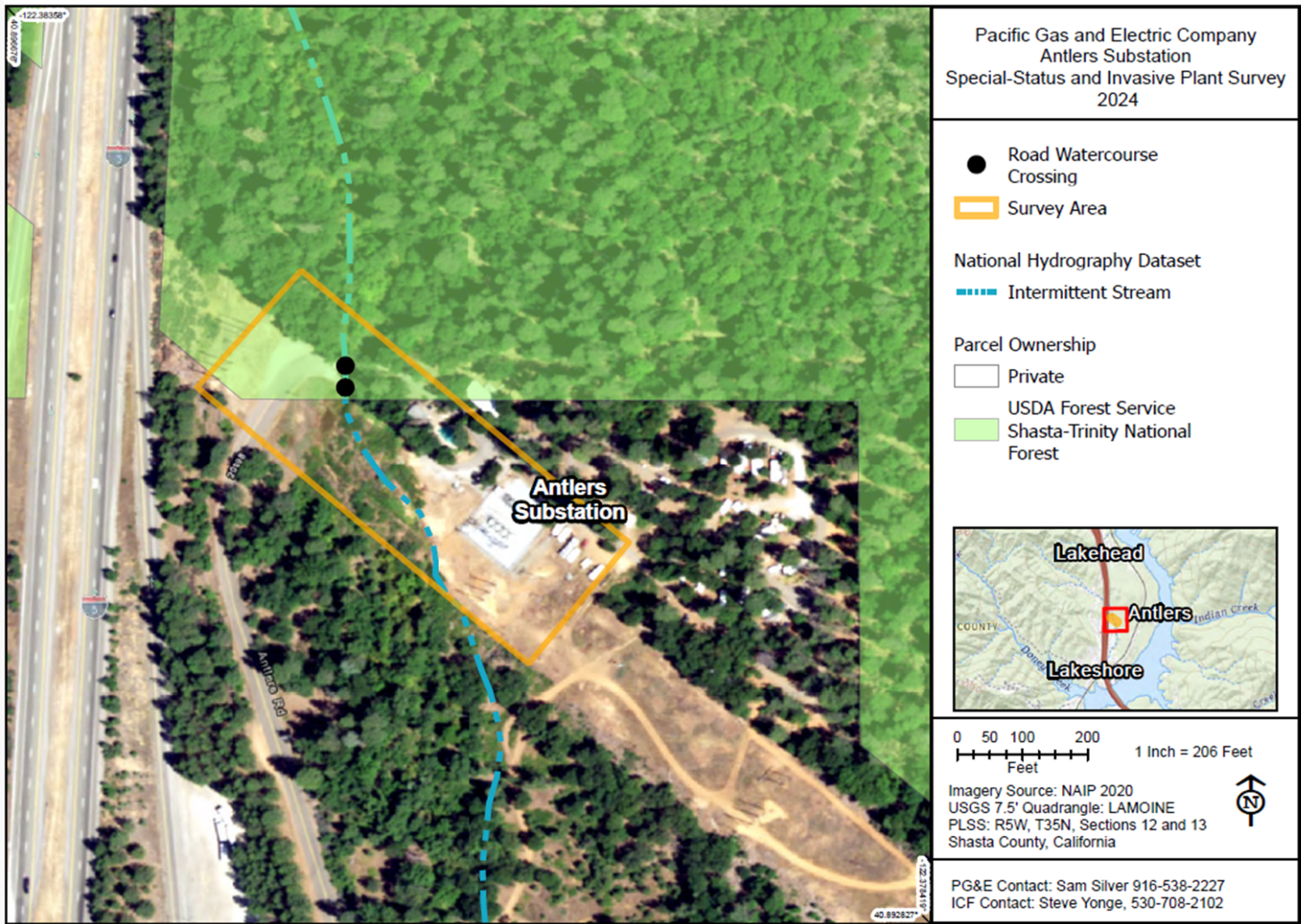
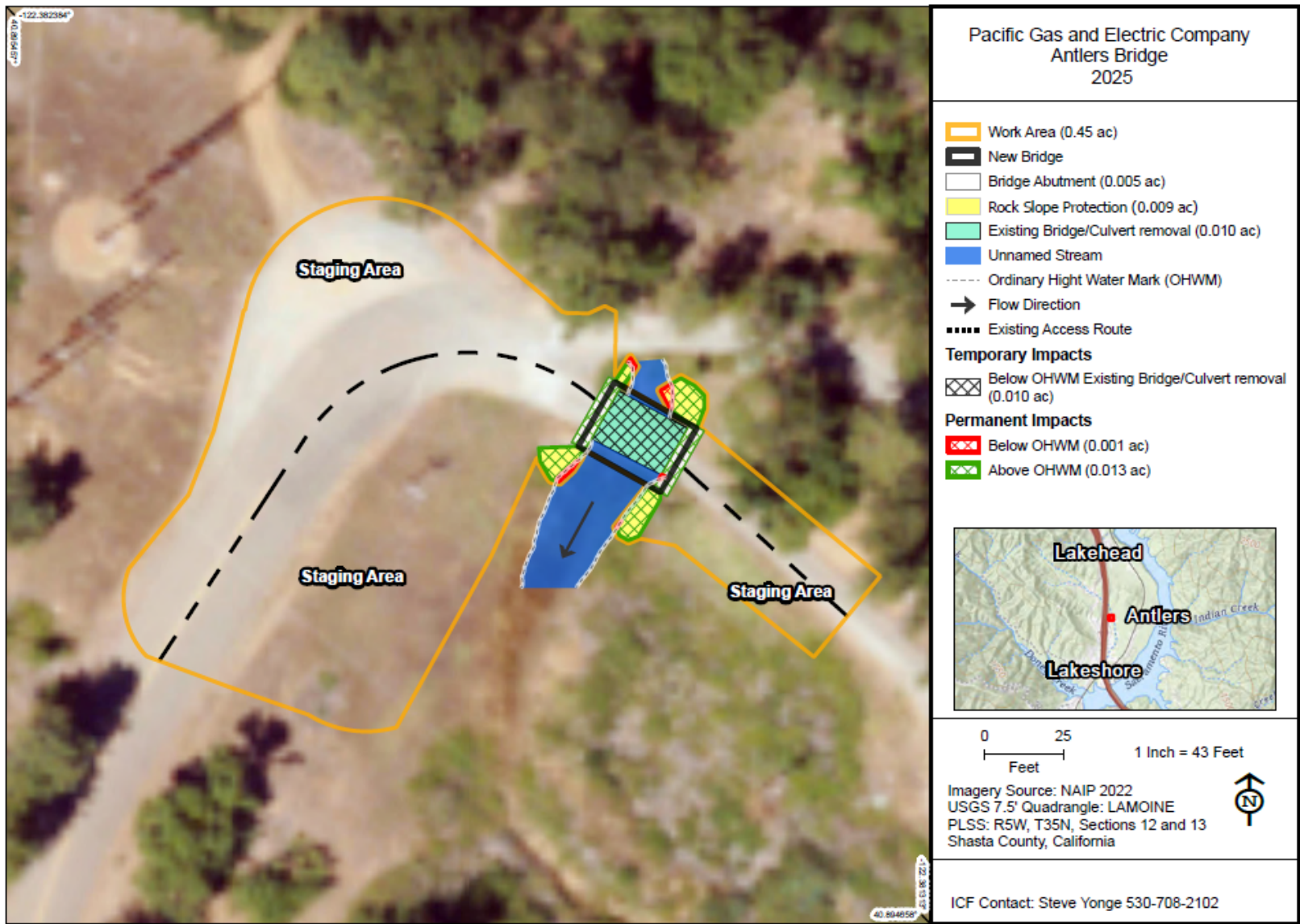


Figure 3. Project Impact Map



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Receiving Waters, Impacts and Mitigation Information

The following table shows the receiving waters associated with each impact site.

Table 1: Receiving Waters Information

Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant	California Rapid Assessment Method (CRAM) ID
Antlers Road Bridge	Unnamed Tributary to Shasta Lake	Stream Channel	506.20	Shasta Lake	MUN, AGR, POW, REC-1, REC-2, WARM, COLD, SPWN, WILD	Not Applicable	Not Applicable

Individual Direct Impact Locations

The following tables show individual impacts.

Table 2: Individual Temporary Fill/Excavation Impact Information

Impact Site ID	Latitude	Longitude	Indirect Impact Requiring Mitigation?	Acres	Cubic Yards	Linear Feet
Antlers Road Bridge	40.8951	-122.3817	No	0.001	16	17

Table 3: Individual Permanent Fill/Excavation Impact Information

Impact Site ID	Latitude	Longitude	Indirect Impact Requiring Mitigation?	Acres	Cubic Yards	Linear Feet
Antlers Road Bridge	40.8951	-122.3817	No	0.006	64	92

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FINDINGS FOR CEQA EXEMPT PROJECT

The Central Valley Water Board has determined that the Project is exempt from review under CEQA pursuant to California Code of Regulations, title 14, section 15061.

Specifically, the issuance of this Order and the activities described herein meet the exemption criteria under California Code of Regulations, title 14, section 15302, Replacement or Reconstruction. Class 2 consists of replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced.

Additionally, the Central Valley Water Board concludes that no California Code of Regulations, title 14, section exceptions to the CEQA exemption apply to the activities approved by this Order.

The Central Valley Water Board will file a Notice of Exemption with the State Clearinghouse within five (5) working days from the issuance of this Order. (California Code of Regulations., title 14, section 15062.)