

## **EXECUTIVE SUMMARY**

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This Initial Study/Mitigated Negative Declaration (MND) has been prepared by the California State Lands Commission (CSLC), as Lead Agency under the California Environmental Quality Act (CEQA) (Public Resources Code Section 21000 et seq.), to analyze and disclose the environmental effects of the proposed Pacific Gas and Electric Company (PG&E) Gas Line 021G Replacement Project (L-021G/R-708) Across the Petaluma River (Project). The Project would authorize Pacific Gas and Electric Company (PG&E or Applicant) to use a CSLC right-of-way to install a 16-inch-diameter steel natural gas replacement pipeline (~~R-708~~) using horizontal directional drilling (HDD) methods under the Petaluma River and remove two parallel 368-foot subsurface sections of the existing 12-inch-diameter steel natural gas pipeline (021G and 021G-10) and driplines near the city of Petaluma in Sonoma County.

CSLC has prepared an MND because it has determined that, although the Initial Study identifies potentially significant impacts of the Project, mitigation measures (MMs) incorporated into the Project proposal and agreed to by the Applicant would avoid or mitigate those impacts to a point where no significant impacts would occur.

### **ES.1 PROPOSED PROJECT**

PG&E proposes to install a replacement natural gas pipeline (~~R-708~~) in upland and subsurface riverine locations within and near the city of Petaluma (Figure ES-1) and remove two parallel sections of the existing pipeline (021G and 021G-10) from beneath the Petaluma River. Given that the Project would only result in the replacement of a short segment of an existing pipeline, it would not result in a change to the operational parameters (i.e., capacity, operational throughput, maintenance, or line testing) of PG&E's existing natural gas pipeline system.

As proposed, the Project (Figure ES-2) consists of the following:

#### **Phase 1**

During Phase 1, approximately 1,852 feet of 16-inch-diameter steel natural gas replacement pipeline (492 feet in upland locations using open trench and backfill methods and 1,360 feet under the Petaluma River using HDD) would be installed. Additionally, minor alteration of levees would be made (to facilitate access) and new pipeline markers would be installed.

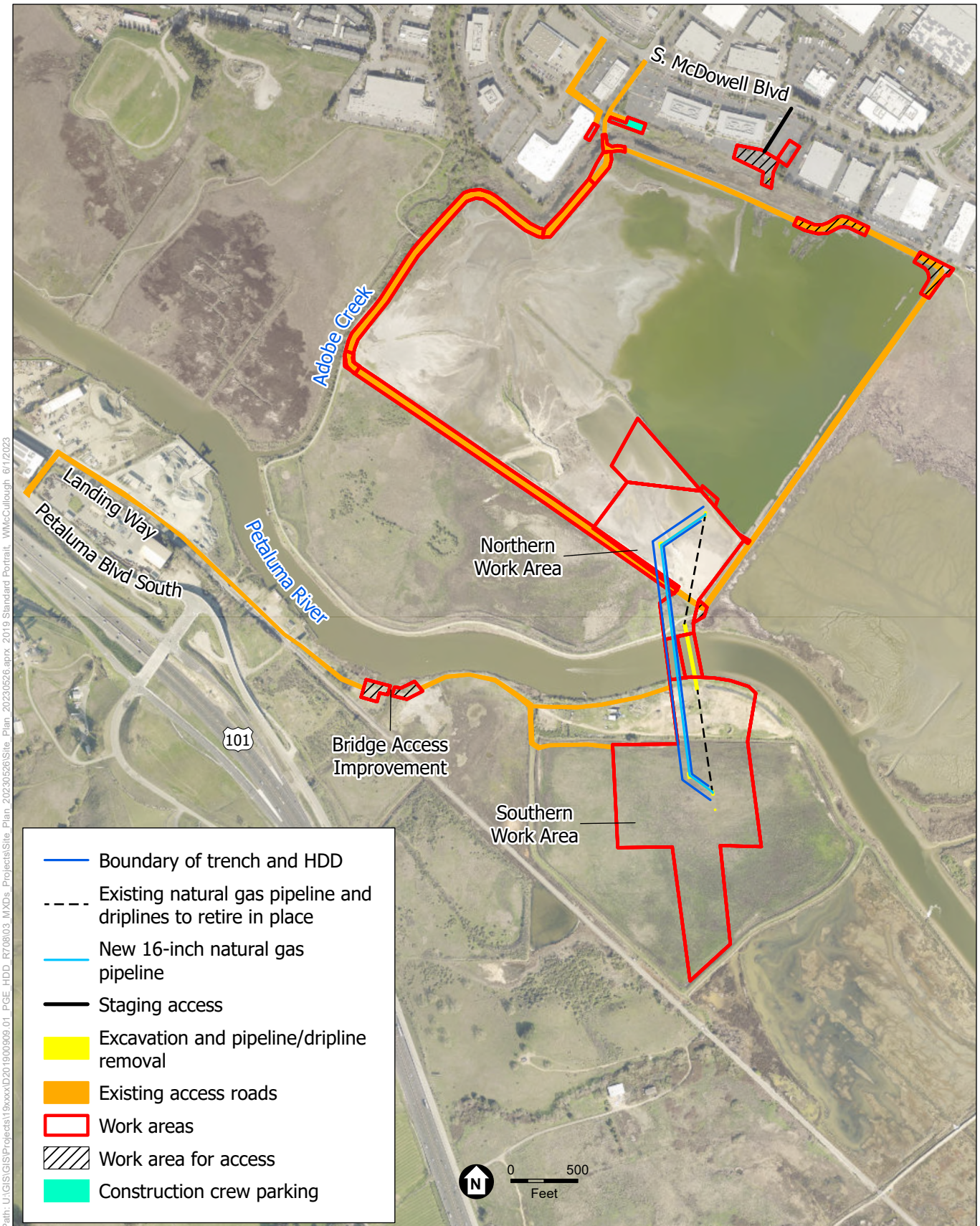


SOURCE: ESA, 2022; ESRI, 2022

PG&E Gas Line 021G/R-708 Replacement Project

**Figure ES-1**  
Project Location





SOURCE: ESA, 2022

PG&E Gas Line 021G/R-708 Replacement Project

**Figure ES-2**  
 Project Overview



## Phase 2

During Phase 2, two 368-foot parallel sections of the existing 12-inch-diameter steel natural gas pipeline and 0.75-inch driplines would be removed from beneath the Petaluma River using dredging and excavation. In addition, approximately 1,278 feet of the existing 16-inch-diameter steel natural gas pipeline and 2,690 feet of 0.75-inch dripline would be retired (decommissioned) in upland locations between the north valve lot and South McDowell Boulevard. The retired line would not conflict with current land use and leaving it in place would reduce the amount of excavation, work area, and project duration. Existing pipeline fittings, condensate traps, natural gas isolation valve lots at V-2.54 and V-2.6, and existing pipeline markers are also proposed for removal.

### ES.2 ENVIRONMENTAL IMPACTS AND PROPOSED MITIGATION MEASURES

The resources noted below have the potential to be affected by this Project and have at least one impact that would be a “potentially significant impact.” The Applicant has agreed to the implementation of mitigation measures (MMs) that would reduce the potential impacts to “less than significant with mitigation,” as detailed in Chapter 3, *Environmental Checklist and Analysis*, of this MND. Table ES-1 lists the proposed MMs designed to reduce or avoid potentially significant impacts. With implementation of the proposed MMs, all Project-related impacts would be reduced to less than significant levels.

### ES.3 ENVIRONMENTAL ISSUES WITH POTENTIALLY SIGNIFICANT IMPACTS:

- Air Quality
- Biological Resources
- Cultural Resources
- Cultural Resources – Tribal
- Geology, Soils, and Paleontological Resources
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Recreation
- Transportation
- Wildfire
- Mandatory Findings of Significance

**Table ES-1. Summary of Project Mitigation Measures**

<b>Air Quality</b>
MM AQ-1: Air Quality Construction Measures
<b>Biological Resources</b>
MM BIO-1: Environmental Training Program
MM BIO-2: Biological Monitoring
MM BIO-3: Special-Status Fish Protection
MM BIO-4: Turbidity Monitoring Plan
MM BIO-5: <del>Nesting Bird Season Pre-Construction Surveys</del> <u>Protection of Nesting Birds, Including Rail Species</u>
MM BIO-6: Western Pond Turtle Pre-Construction Surveys
MM BIO-7: Protection of Terrestrial Marsh Species, <u>including Salt Marsh Harvest Mouse</u>
MM BIO-8: Avoidance and Minimization of Impacts on Wetlands
MM HAZ-2: Inadvertent Release Contingency Plan
MM HYD-1: Stormwater Pollution Prevention Plan
<b>Cultural Resources and Tribal</b>
MM CUL-1/TCR-1: Cultural Resources Awareness Training
MM CUL-2/TCR-2: Cultural and Tribal Cultural Resources Management and Treatment Plan
MM CUL-3/TCR-3: Cultural Resources Construction Monitoring
MM CUL-4/TCR-4: Discovery of Previously Unknown Cultural Resources or Tribal Cultural Resources
MM CUL-5/TCR-5: Unanticipated Discovery of Human Remains
<b>Geology, Soils, and Paleontological Resources</b>
MM HYD-1: Stormwater Pollution Prevention Program
<b>Hazards and Hazardous Materials</b>
MM HAZ-1: Project Work and Safety Plan
MM HAZ-2: Inadvertent Release Contingency Plan
MM HAZ-3: Pre- and Post-Project Bathymetric and Surficial Features Multi-Beam Debris Survey
MM HAZ-4: Asbestos Handling Procedures
<b>Hydrology and Water Quality</b>
MM HYD-1: Stormwater Pollution Prevention Program
MM HAZ-2: Inadvertent Release Contingency Plan
MM BIO-4: Turbidity Monitoring Plan

**Table ES-1. Summary of Project Mitigation Measures**

<b>Recreation</b>
MM REC-1: Increased Services to Area Parks <u>and Trails</u>
MM REC-2: Advance Notice to Mariners
<b>Transportation</b>
MM T-1: Traffic Control Plan
MM REC-2: Advance Notice to Mariners
<b>Wildfire</b>
MM WF-1: Site-Specific Wildfire Safety Plan