PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298

November 14, 2018

Mr. Michael Calvillo
Pacific Gas and Electric Company
1455 Shaw Ave, Bag 23
Fresno, CA 93710-8001

RE: Sanger Substation Expansion Project—Review of Minor Project Refinement #3 Request: Well Water for Dust Control

Dear Mr. Calvillo,

On November 13, 2018, PG&E submitted a request for Minor Project Refinement (MPR) #3 for approval by the California Public Utilities Commission (CPUC) for the Sanger Substation Expansion Project (project). The proposed MPR would include the use of an existing well approximately 100 feet north of the NTP #1 work areas to obtain water for dust control purposes. The well is located on the same parcel as the Sanger Substation Expansion Footprint, and use of the well is approved by the landowner. PG&E would withdraw an average of 1,500 gallons per day from the well, or less. PG&E would use a temporary hose to transport water from the well south to the temporary laydown/staging area, where it would be piped into a temporary water storage tank or directly into water trucks. The well would be accessed by foot daily to turn on or off the well pump, via pedestrian access routes from the south or from the east of the well (refer to the figure in Exhibit 1). MPR #3 adds no additional ground disturbance to the existing disturbance footprint, other than impacts from light foot traffic and placement of a temporary water house on the ground.

The project was evaluated in accordance with the California Environmental Quality Act (CEQA) and an Initial Study/Mitigated Negative Declaration (IS/MND) was prepared by the CPUC. The CPUC issued a Permit to Construct the Project on July 13, 2017 (Decision 17-07-008), and a Notice of Determination was filed with the State Clearinghouse (SCH# 2017012039). The mitigation measures (MMs) and Applicant Proposed Measures (APMs) described in the Final IS/MND were adopted by the CPUC as conditions of Project approval. The CPUC also adopted a Mitigation Monitoring and Reporting Plan (MMCRP) to ensure compliance with all applicant proposed measures (APMs) and mitigation measures (MMs) during project implementation.

This letter documents the CPUC's evaluation of all activities covered in this MPR request, and includes the CPUC evaluation table (Exhibit 2). The CPUC has carefully reviewed this MPR request, and has verified that the proposed activities adhere to all applicable APM and MM requirements. The evaluation process ensures that all MMs applicable to the location and activities covered in the MPR are implemented, as required in the CPUC's decision. The evaluation process further ensures that the following criteria are met:

- Refinements would not be outside the geographic scope of the study area utilized in the IS/MND.
- A new significant impact or substantial increase in the severity of a previously identified significant impact would not be created, based on the thresholds used in the IS/MND.
- Additional permit requirements would not be triggered that are not defined in the IS/MND or MMCRP.

- There would not be a conflict with any APM or MM, and the refinements would not result in a new conflict with any applicable guideline, ordinance, code, rule, regulation, order, decision, statute, or policy not already identified within the IS/MND.
- Modifications would not require new conditions for approval, without which the modifications would result in a new significant impact or substantially increase the severity of a previously identified significant impact.

MPR #3 is granted by the CPUC for the proposed activities based on the factors described below.

PG&E MPR #3 Request. Descriptions derived from the PG&E MPR #3 Request, received November 10, 2018, are presented below (indented):

- The existing cement bridge over the canal would be used by crew to walk across to activate the well water pump. Alternatively, a crew member would access the water pump switch on foot using the existing dirt access road on the north side of the canal. A nylon hose would be attached to the spigot located on the south side of the existing canal and extended 80-100 feet south into the northern end of the approved temporary laydown/staging area. A temporary water tank would be installed in the northern section of the staging/laydown area, and would be filled with the hose. A water truck would then be parked adjacent to the water tank, and would be filled from the water tank using a separate water delivery system. Alternatively, a water truck would be parked at the northern portion of the staging area and would be filled using the nylon hose. In accordance with the IS/MND, the average daily water use from this source would be approximately 1,500 gallons/day or less. Crews would coordinate with the farmer to ensure that project water withdrawal and use does not disrupt farming operations. Water drawing operations, including hose placement, would be temporary and would not result in any new impacts to resources. In anticipation of a lapse in construction activities, a pre-construction sensitive species survey was performed on 11/13/18 by Chennie Castañon, which included a 100 foot buffer on the canal (and therefore included the well-pump and well-pump switch). The recent burrowing owl surveys conducted by Colibri on October 21, 2018 within 30 days of construction start included a 656-foot (200 meter) buffer which captured the well pump and well-pump switch areas within the survey buffer.

- The well water spigot is located north of the substation expansion area footprint within PG&E-owned fee property (36.710218º north, 119.611992º west) outside of and on the south side of the existing irrigation canal. The well water has an electrical switch located approximately 60 feet northeast of the spigot (36.710363º north, 119.611910º west) on the north side of the canal. The workspace area around the spigot would be approximately 3 x 3 feet. Crews would access the switch on foot via either the existing concrete foot-bridge that spans the canal, or along the north side of the canal on an existing dirt access road extending approximately 475 feet east from McCall Avenue. A hose would extend in a north-south direction 80-100 feet from the spigot to the north side of the approved staging area, across PG&E-owned property that will not be planted with farm crops during project construction. A temporary water tank would be installed in the northern section of the staging/laydown area, and would be filled with the hose.

CPUC Evaluation of MPR #3 Request
In accordance with the MMCRP, the MPR #3 request was reviewed by CPUC to confirm that no new impacts or increase in impact severity would result from the requested MPR activities. The following

discussion summarizes this analysis for agricultural resources, biological resources, cultural and paleontological resources, and other issue areas.

Agricultural Resources

No impacts on active agricultural resources will occur as a result of the activities described in this MPR request. The well pump and the access route from South McCall Avenue to the east are located on previously disturbed areas not use for farming. Ground disturbance here would be limited to light foot traffic. The primary access route to the well (i.e., the from the south) crosses a narrow concrete bridge over a concrete-lined portion of the irrigation canal, and an approximately 60-foot long portion of agricultural field that will not have planted crops at the time of these activities. Ground disturbance here would be limited to light foot traffic and placement of a temporary nylon water hose across the inactive agricultural field. There would be no permanent impacts on agricultural resources as a result of this MPR, and temporary impacts would be negligible (limited to footprints across barren agricultural field).

Per MM AGR-1, the proposed refinement area would be restored to pre-construction conditions following project completion. Therefore, water withdrawal activities within the proposed refinement area would not result in a permanent conversion of either Prime Farmland or Farmland of Statewide Importance.

Biological Resources

The proposed refinement area is used for agricultural purposes (crop fields and farm access areas), and does not support any undisturbed natural communities that would provide substantial habitat resources for sensitive plants or wildlife. During 2012 and 2015 field surveys completed for the Final IS/MND, no special-status plant species were observed, and it was determined that the project area, including the proposed refinement area, does not support sufficient habitat for any of the 20 special status plant species within the Sanger quadrangle and the eight surrounding quadrangles. Additionally, no special status wildlife species were observed during 2012 or 2015 surveys.

Focused special-status raptor nest surveys were conducted within 0.5 miles of the project—including in the refinement area—in April and June 2017, and on April 14-15, 2018. No nesting raptors (special status or not) were observed in the refinement areas. Additional special status raptor surveys will be conducted during the 2019 breeding season. A burrowing owl survey was conducted on October 21, 2018, and no burrowing owls, or owl burrows were detected. A pre-activity survey for sensitive species (including San Joaquin kit fox) was conducted on November 1, 2018, and the survey report was submitted to the CPUC on November 2, 2018. These surveys encompassed all portions of the refinement area. On November 13, 2018, PG&E conducted an additional survey within 100 feet of the irrigation canal and the well-pump, which included all portions of the refinement area. No special status species were identified in this survey. PG&E will complete all additional required future surveys and implement impacts avoidance measures in the refinement area to minimize the potential for impacts on special-status species, in accordance with MM BIO-2, MM BIO-3, MM BIO-4, MM BIO-5, MM BIO-6, and MM BIO-7.

All work areas will be clearly delineated with signs, lathe, and/or flagging to ensure construction personnel stay within approved project limits. Well access will be on foot only.

There will be no new impacts on sensitive habitat, avian species, or sensitive or special-status species associated with the water withdrawal activities.

Cultural and Paleontological Resources

A cultural resource records search covering areas within 0.5 miles of the project area, including the refinement area, was conducted for the Final IS/MND on March 12, 2012. Pedestrian surveys within the

project area (and to the southern edge of the irrigation canal) were conducted in March, April, and May, 2012. No known archaeological resources or historic resources that are eligible for listing on the California Register of Historical Resources (CRHR) were identified during the records search or during field surveys. No cultural resources are recorded in the vicinity of the proposed refinement.

A paleontological records search of the project vicinity, including the refinement area, was conducted in June 2012. Pedestrian surveys within the project area (and to the southern edge of the irrigation canal) were conducted in March, 2015. Although the area is underlain by deposits with a high potential to support paleontological resources, no such resources are known to exist below the site. PG&E will provide onsite paleontologists to monitor ground-disturbing activities in undisturbed soils up to 5 feet below the surface.

Although the actual well site and other areas north of the irrigation canal were not covered in cultural or paleontological pedestrian field surveys, there are no known cultural or paleontological resources in these areas, based on the previous records searches. In addition, the well and the access route to the east (to South McCall Avenue) are located in a heavily disturbed area, and the only activity that will occur here is light foot traffic to turn on and off the well pump electrical switch. The primary access route to the well (i.e., the from the south) crosses a narrow concrete bridge over a concrete-lined portion of the irrigation canal, and an approximately 60-foot long portion of agricultural field that will not have planted crops at the time of these activities. Ground disturbance here would be limited to light foot traffic and placement of a temporary nylon water hose across the inactive agricultural field.

In the unanticipated event of the discovery of previously unidentified cultural or paleontological resources within the proposed project refinement area during construction, PG&E would adhere to the monitoring, notification, and cataloguing protocols described in MM CUL-1, MM CUL-3, MM CUL-4, MM CUL-5, the Paleontological Resources Monitoring and Mitigation Plan, and the Cultural Resources Monitoring and Treatment Plan.

The proposed refinement would not result in any new ground impacts or increase the severity of a previously analyzed impact on cultural or paleontological resources as identified in the Final IS/MND.

Other Issue Areas
The proposed refinement areas would not result in a new impact, or increase the severity of a previously analyzed impact, on aesthetics, agriculture and forestry, air quality, geology and soils, greenhouse gas emissions, hazards and hazardous materials, hydrology and water quality, land use, mineral resources, noise, population and housing, public services, recreation, transportation and traffic, or utilities and service systems.

MPR #3 Conditions of Approval
MPR #3 is approved by the CPUC with conditions. The conditions presented below shall be met by PG&E and its contractors:

1. All applicable Project MMs, APMs, compliance plans, and permit conditions shall be implemented. Some measures have on-going/time-sensitive requirements and shall be implemented prior to and during construction, where applicable. Prior to construction, PG&E must submit all applicable permits to the CPUC.
2. Copies of all relevant permits, compliance plans, and this MPR, shall be available on site for the duration of construction activities.
3. Wildlife found to be trapped shall be removed by a qualified biological monitor.

4. PG&E shall implement appropriate dust controls at the MPR #3 refinement area in accordance with the approved Dust Control Plan, and SWPPP.
5. PG&E shall implement all appropriate erosion and sediment control BMPs for the MPR #3 refinement area as defined in the SWPPP, and as specified by the Qualified SWPPP Practitioner. Sediment and erosion control BMPs shall be properly maintained throughout the duration of construction activities.
6. All activities (e.g., grading, trenching, etc.) shall be monitored by a CPUC-approved biological monitor, archaeological monitor, and paleontological monitor in accordance with MM BIO-3, MM BIO-4, MM CUL-1, and MM CUL-4, where appropriate. In the event of observation of sensitive biological resources onsite, or an archaeological or paleontological discovery, all construction activity associated with MPR #3 shall be halted, and procedures shall be followed in accordance with the appropriate mitigation measures and protocols. If a cultural resource is encountered and is determined to be associated with California Native American Tribe(s), PG&E shall coordinate with the CPUC and with the Tribe(s) to determine appropriate mitigation procedures, as discussed in MM CUL-5.
7. All complaints received by PG&E shall be logged and reported immediately to the CPUC. This includes complaints relevant to traffic, as well as lighting, noise, vibration, dust, etc. Where feasible, complaints shall be resolved, depending on the nature of the complaint, through construction site or activity modifications. Complaints or disputes that cannot be modified through construction site or activity modifications shall be resolved through the dispute resolution communications processes described in the MMCRP.
8. All workers shall receive Worker Environmental Awareness Program (WEAP) training prior to work at the MPR #3 work area. A log shall be maintained on site with the names of all crew personnel who have received training. All training participants shall wear their WEAP hard-hat sticker for ease of compliance verification.

Please contact me if you have any questions or concerns regarding this MPR approval.

Sincerely,

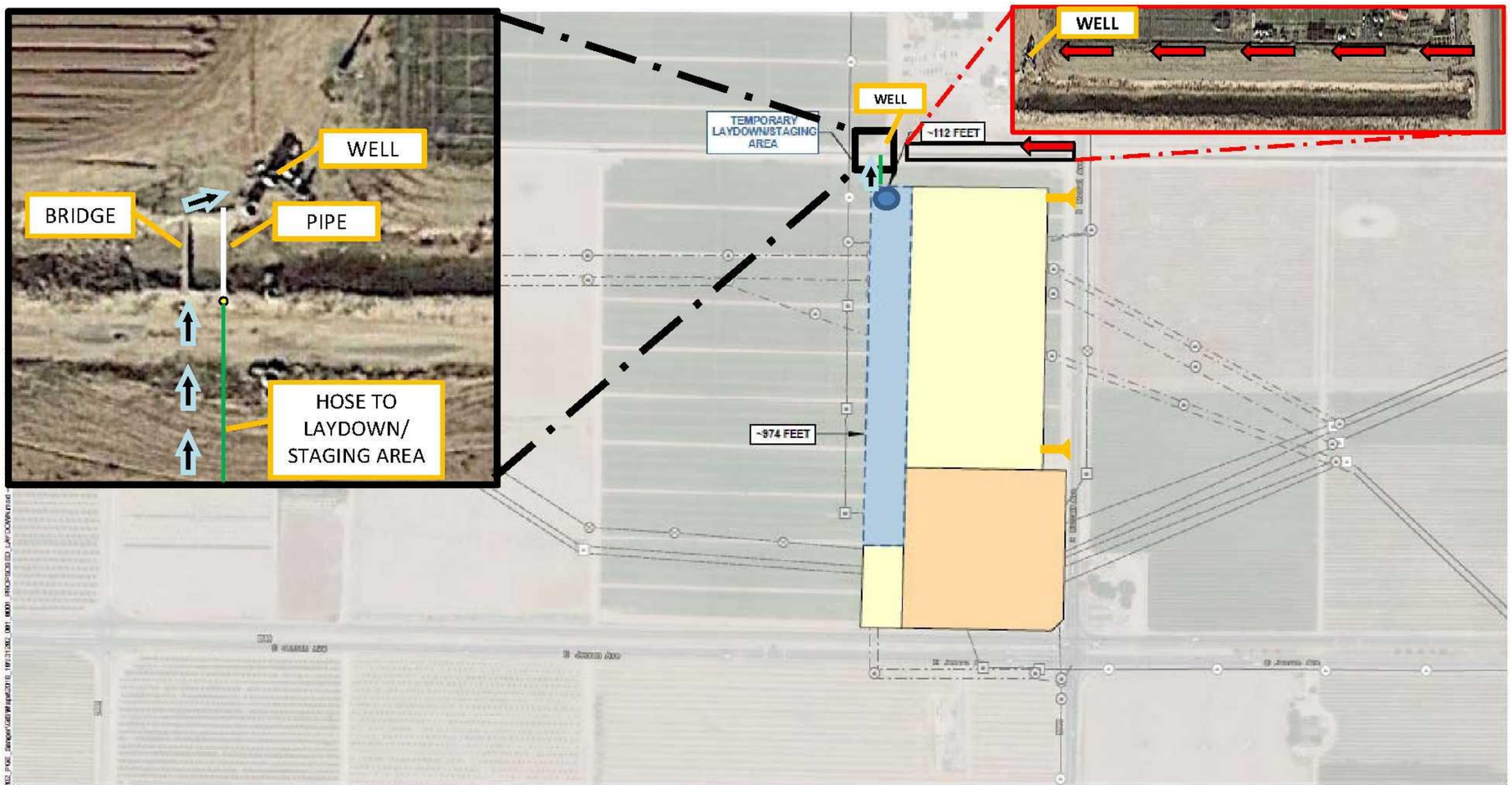
Billie Blanchard

Billie Blanchard
CPUC Project Manager
Energy Division, CEQA Unit

cc: Molly Sterkel, CPUC Program Manager
Lonn Maier, CPUC Supervisor
Greg Heiden, CPUC Attorney
Ilja Nieuwenhuizen, CPUC Monitoring Manager (Ecology and Environment, Inc.)
Aileen Cole, CPUC Monitoring Supervisor (Ecology and Environment, Inc.)
Silvia Yánez, Monitoring Team Director (Ecology and Environment, Inc.)
JoLynn Lambert, PG&E Regulatory Affairs
Lincoln Allen, SWCA

Exhibit 1: MPR #3 Map
Exhibit 2: CPUC Evaluation of Minor Project Refinement #3

Exhibit 1: MPR #3 Map


WELL
BRIDGE
PIPE
HOSE TO LAYDOWN/ STAGING AREA
TEMPORARY LAYDOWN/STAGING AREA
WELL
~112 FEET
WELL
~974 FEET
LEGEND
WATER STORAGE TANK AND FILLING LOCATION
PRIMARY FOOT ACCESS ROUTE TO WELL
ALTERNATIVE FOOT ACCESS ROUTE TO WELL
NTP-1 WORK AREAS
PLANNED DRIVEWAY APPROACHES
TEMPORARY LAYDOWN/STAGING AREA
EXISTING SUBSTATION FOOTPRINT
PLANNED SUBSTATION EXPANSION FOOTPRINT
NOTES
1. THIS FIGURE IS BASED ON FIGURE 2-2, PROJECT OVERVIEW MAP, PRODUCED BY CARDNO FOR PG&E, DATED 9/1/2016.
2. AERIAL IMAGERY SOURCE: ESRI
0
250
500
SCALE IN FEET
HALEY ALDRICH
PG&E SANGER SUBSTATION EXPANSION PROJECT
FRESNO COUNTY, CALIFORNIA
MINOR PROJECT REFINEMENT #3:
PROPOSED WATER WELL FOR
CONSTRUCTION (DUST SUPPRESSION)
NOVEMBER 2018
ATTACHMENT 2

This page intentionally left blank.

Exhibit 2: CPUC Evaluation of Minor Project Refinement #3

Would the Proposed Project refinements result in a new impact, or increase the severity of a previously analyzed impact to:		
AESTHETICS **(e.g., damage scenic resources or vistas, degrade the- existing visual character of the site and its surroundings, or create sources of light or glare)?**	**No**	**Yes**
Final IS/MND Significance: Less than Significant with Mitigation for night-time construction lighting	☒	☐
Summary of Proposed Project Refinement Impacts on Aesthetics: The proposed refinement would not increase the impact to the visual quality of the area. The proposed refinement would be temporary in nature and would not result in a new impact, or increase the severity of a previously analyzed impact on aesthetics as identified in the Final IS/MND		
AGRICULTURE & FORESTRY RESOURCES **(e.g., convert Farmland to nonagricultural use, or create a conflict with existing agricultural zoning or a Williamson Act)?**	**No**	**Yes**
Final IS/MND Significance: Less than Significant with Mitigation for temporary conversion impacts	☒	☐
Summary of Proposed Project Refinement Impacts on Agriculture and Forestry Resources: The proposed refinement would not convert agricultural land to non-agricultural use, or result in the loss of agricultural land in a manner that would be substantially different from that in prior approved project designs. Activities in agricultural areas would be limited to light foot traffic and placement of a temporary water hose across an agricultural field without crops planted. The proposed refinement would not result in a new impact, or increase the severity of a previously analyzed impact on agriculture or forestry resources.		
AIR QUALITY **(e.g., produce criteria air pollutant emissions, or expose sensitive receptors to additional pollutants)?**	**No**	**Yes**
Final IS/MND Significance: Less than Significant Impact	☒	☐
Summary of Proposed Project Refinement Impacts on Air Quality: Activities associated with the proposed project refinement (such as the type of construction equipment used and the run time of construction equipment) would be consistent with those discussed in the Final IS/MND. Impacts on air quality associated with the proposed project refinement would therefore remain less than significant. The proposed refinement would not result in new or increased impacts to air quality.		

BIOLOGICAL RESOURCES **(e.g., have an adverse effect on sensitive or special-status species; impact riparian, wetland, or any other sensitive habitat; or conflict with local policies or ordinances protecting biological resources)?**	**No**	**Yes**
Final IS/MND Significance: Less than Significant with Mitigation for sensitive wildlife species	☒	☐

Summary of Proposed Project Refinement Impacts on Biological Resources:

The proposed project refinement area is within areas previously surveyed during special-status species surveys, and no special-status plant or wildlife species were observed. In anticipation of a lapse in construction activities, a pre-construction sensitive species survey was performed on 11/13/18 by an approved biologist, which included a 100 foot buffer on the canal (and therefore included the well-pump and well-pump switch). Surveys for burrowing owls conducted on 10/21/18 adequately covered the refinement area. To further minimize the potential for impacts to special-status species, MM BIO-2, MM BIO-3, MM BIO-4, MM BIO-5, MM BIO-6, and MM BIO-7 contain specific resource and species protection requirements, which would apply to all resources and species identified onsite, including the irrigation canal, sensitive species, nesting birds, burrowing owls, and special-status raptors. The proposed project refinement would not result in a new impact or increase the severity of a previously analyzed impact on biological resources.

CULTURAL & PALEONTONTOLOGICAL RESOURCES **(e.g., cause an adverse change to a significant historical, archeological, or paleontological resource)?**	**No**	**Yes**
Final IS/MND Significance: Less than Significant with Mitigation for archaeological resources	☒	☐

Summary of Proposed Project Refinement Impacts on Cultural and Paleontological Resources:

The proposed refinement area was included in a 2012 records search extending 0.50 mile beyond the project components, and the proposed project area was surveyed during 2012 pedestrian cultural resources surveys. No known archaeological resources or historic resources that are eligible for listing on the California Register of Historical Resources (CRHR) were identified during surveys, including within the proposed refinement area. The irrigation canal was noted as potentially historic, but was not evaluated to determine its eligibility for listing. Although the canal has the potential to become listed as an historic resource if it were evaluated, use of this potentially historic structure (i.e., walking over the existing canal bridge) would not result in any impacts. A paleontological records search of the proposed project area, including the proposed project refinement area, was conducted in 2012, and a pedestrian survey was conducted in 2015. No resources were identified. However, the actual well site and other areas north of the irrigation canal were not covered in cultural or paleontological field surveys, but based on the previous records searches, there are no known resources in these areas. Additionally, the well is located in a heavily disturbed area, and the only activity that will occur here is foot traffic to turn on and off the electrical switch. As such, the proposed MPR activities will not result in new ground disturbance. In the unanticipated event of the discovery of previously unidentified cultural or paleontological resources within the proposed project refinement area during construction, PG&E would adhere to the monitoring, notification, and cataloguing protocols described in MM CUL-1, MM CUL-3, MM CUL-4, MM CUL-5, the Paleontological Resources Monitoring and Mitigation Plan, and Cultural Resources Monitoring and Treatment Plan.

Because activities in the refinement area would be occurring in areas already analyzed for the potential for impacts to cultural and paleontological resources, and because of the low-impacts associated with the proposed activity (i.e., light foot traffic and placement of a temporary water hose on the ground surface), the proposed refinement would not result in a new impact or increase the severity of a previously analyzed impact on cultural or paleontological resources.

GEOLOGY AND SOILS **Geology and Soils (e.g., cause or expose people or structures to geologic or soil hazards, including erosion or loss of topsoil)?**	**No**	**Yes**
Final IS/MND Significance: Less than Significant	☒	☐
Summary of Proposed Project Refinement Impacts on Geology and Soils: The proposed refinement would not involve ground-disturbing activities, with the exception of light foot traffic and placement of a temporary water hose on the ground surface. The proposed use of the refinement areas would be the same as the Final IS/MND analysis. The proposed refinement would not result in a new impact or increase the severity of a previously analyzed impact on geologic resources as identified in the Final IS/MND.		

GREENHOUSE GAS EMISISONS. **(e.g., produce criteria greenhouse gas pollutants, or expose sensitive receptors to additional pollutants)?**	**No**	**Yes**
Final IS/MND Significance: Less than Significant	☒	☐
Summary of Proposed Project Refinement Impacts on Greenhouse Gas Emissions: The level of equipment use and run time of equipment required for the proposed refinement would be consistent with the equipment use and run time estimates included in the Final IS/MND. Therefore, the proposed refinement would not result in a new impact, or increase the severity of a previously analyzed impact on greenhouse gas emissions.		

HAZARDS & HAZARDOUS MATERIALS **(e.g., create or increase the exposure of people or structures to hazardous materials, involve the use of additional hazardous materials or equipment, or interfere with an adopted emergency plan)?**	**No**	**Yes**
Final IS/MND Significance: Less than Significant with Mitigation	☒	☐
Summary of Proposed Project Refinement Impacts on Hazards and Hazardous Materials: Activities in the proposed project refinement would require use of the same types of equipment and hazardous materials that were analyzed in the Final IS/MND, and would comply with all safety measures described in MM HAZ-1 and MM HAZ-2. The proposed refinement would not result in a new impact or increase the severity of a previously analyzed impact on hazards and hazardous materials.		

HYDROLOGY & WATER QUALITY **(e.g., degrade water quality, discharge waste or sediment, deplete groundwater, alter the existing drainage pattern, create additional runoff water or polluted runoff, place structures in a 100-year flood hazard area, or expose people or structures to a significant risk involving flooding)?**	**No**	**Yes**
Final IS/MND Significance: Less than Significant with Mitigation	☒	☐
Summary of Proposed Project Refinement Impacts on Hydrology and Water Quality:		

The proposed refinement would be within the area previously analyzed for hydrological resources and would remain consistent with the impacts to hydrological resources and water quality analyzed in the Final IS/MND. There is an existing concrete bridge over the canal feature that staff would use to cross the canal on foot several times a day. The average daily water withdrawal volumes from the well would be 1,500 gallons per day, or less, which is consistent with the project's IS/MND. As such, activities that would occur within the proposed project refinement area would use similar quantities of water compared to activities previously analyzed in the Final IS/MND, and would not be occurring within areas of substantially different drainage patterns in a manner that could potentially alter runoff. Therefore, the proposed refinement would not result in a new impact or increase the severity of a previously analyzed impact on hydrology and water quality.

LAND USE AND PLANNING **Land Use and Planning (e.g., conflict with a land use plan, policy, or regulation of an agency with jurisdiction over the project, or conflict with a habitat conservation plan)?**	**No**	**Yes**
Final IS/MND Significance: No Impact	☒	☐

Summary of Proposed Project Refinement Impacts on Land Use and Planning:

The proposed refinement would be located within the same area as the Project analyzed in the Final IS/MND. The proposed refinement would have no impact on land use and planning.

MINERAL RESOURCES **(e.g., reduce availability of a known mineral resource and/or a locally important mineral resource recovery site)?**	**No**	**Yes**
Final IS/MND Significance: No Impact	☒	☐

Summary of Proposed Project Refinement Impacts on Mineral Resources:

No mining or other mineral extraction activities occur within or adjacent to the proposed project refinement area. Therefore, the refinement would not result in a new impact on mineral resources.

NOISE **(e.g., expose sensitive receptors to additional noise or vibration)?**	**No**	**Yes**
Final IS/MND Significance: Less than Significant	☒	☐

Summary of Proposed Project Refinement Impacts on Noise:

Activities associated with construction and utilization of the proposed refinement area would be consistent with those discussed in the Final IS/MND. Sensitive receptors identified in the Final IS/MND would be the same as sensitive receptors to the proposed project refinement area. The implementation of APM NOI-1, APM NOI-2, and APM NOI-3, as described in the Final IS/MND, would ensure that activities within the proposed project refinement area would not result in new impact or an increase in the severity of a previously analyzed impact on noise.

POPULATION & HOUSING **(e.g., result in substantial population growth or displace people or housing)?**	**No**	**Yes**
Final IS/MND Significance: Less than Significant	☒	☐

Summary of Proposed Project Refinement Impacts on Population& Housing: The proposed refinement would not require a quantity of construction workers that was otherwise not analyzed in the Final IS/MND, nor would it displace people or housing from the surrounding area. The proposed refinement would not result in a new impact or increase the severity of a previously analyzed impact on Population & Housing.		
PUBLIC SERVICES **(e.g., result in adverse impacts on government facilities that provide a public service)?**	**No**	**Yes**
Final IS/MND Significance: No Impact	☒	☐
Summary of Proposed Project Refinement Impacts on Public Services: The proposed refinement would not be located near a school or hospital or within a park, and would not interfere with police or fire services within the broader geographic area. The proposed refinement would not result in a new impact or increase the severity of a previously analyzed impact on public services.		
RECREATION **(e.g., increase the use of, or cause adverse effects on, parks or other recreational facilities)?**	**No**	**Yes**
Final IS/MND Significance: Less than Significant	☒	☐
Summary of Proposed Project Refinement Impact on Recreation: The proposed refinement would not be located within a park, preserve, or trail. The refinement area would not impact parks or recreational facilities. The proposed refinement would not result in a new impact or increase the severity of a previously analyzed impact on recreation.		
TRANSPORTATION & TRAFFIC **(e.g., increase traffic congestion or degrade performance of the circulation system, taking into account all modes of transportation, or increase hazards due to a design feature)?**	**No**	**Yes**
Final IS/MND Significance: Less than Significant with Mitigation	☒	☐
Summary of Proposed Project Refinement Impacts on Transportation & Traffic: Construction activities within the proposed project refinement area, and associated vehicular equipment that would support such activities, would be similar to those analyzed in the Final IS/MND, and therefore would not result in an increase in vehicle traffic, hazardous intersections, road damage, or lane closures. Through the incorporation of the Traffic Management Plan described in MM TRAN-1, impacts to transportation and traffic associated with the proposed project refinement area would remain less than significant with mitigation and there would be no new impacts, or increased severity of impacts, beyond those previously analyzed.		
UTILITIES & SERVICE SYSTEMS **(e.g., result in the construction of new or expansion of existing water or stormwater drainage facilities, require additional water entitlements, create new solid waste disposal needs)?**	**No**	**Yes**
Final IS/MND Significance: Less than Significant	☒	☐

Summary of Proposed Project Refinement Impacts on Utilities & Service Systems:

The proposed project refinement would not involve the construction of new, or expansion of existing water facilities or stormwater drainage facilities, nor would the refinement require new solid waste disposal needs. The proposed refinement would not result in a new impact or increase the severity of a previously analyzed impact on utilities and service systems.