

## **ATTACHMENT D**

### **POST-CONSTRUCTION MITIGATION MEASURES AND APMs**

## POST-CONSTRUCTION MITIGATION MEASURES AND APMs

| MM/APM/FP                                                                                             | Moraga Oakland X 115 Kilovolt Rebuild<br>APM/MM/FP Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Monitoring Requirement                                                                                                                                                                                                                                                               | Status |
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| <b>Biological Resources</b>                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                      |        |
| <b>Project-specific Applicant-Proposed Measures for Species Not Covered for Take In the BAHCP/ITP</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                      |        |
| <b>MM BIO-3a</b>                                                                                      | <p><b>Ephemeral Channel Protection and Restoration.</b> Construction activities that require temporary disturbances to ephemeral channels shall be conducted during the dry season when the bed and bank are dry, and no rain is anticipated until the channel has been fully restored. Restoration of ephemeral channels include restoration of bed and bank to as close to pre-Project conditions as feasible. Vegetation removed shall be restored in compliance with <b>BAHCP FP-14, AMM Plant-04, and ITP FEIR APM BIO-2.</b> Erosion control APMs <b>BAHCP FP-11, FP-12, O&amp;M ITP-5.9, and -5.10</b> shall be implemented to stabilize the area until vegetation has been restored. Permanent impacts to aquatic resources are prohibited. PG&amp;E shall obtain all required aquatic resource permits for impacts, as applicable, prior to disturbance to ephemeral channels. All permit conditions shall be implemented.</p> | <p>Restoration of ephemeral channels temporarily impacted by construction after completion of ground disturbing activities at the location of ephemeral channels. Restoration compliance reports to be submitted to CPUC within 14 days of completion of restoration activities.</p> |        |
| <b>Hazards, Hazardous Materials, and Public Safety</b>                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                      |        |
| <b>APM HAZ-1</b>                                                                                      | <p><b>Development and Implementation of Hazardous Material and Emergency Response Procedures.</b> PG&amp;E will implement construction controls, training, and communication to minimize the potential exposure of the public and site workers to potential hazardous materials during all phases of project construction. Construction procedures that will be implemented include worker training appropriate to the worker's role, and containment and spill control practices in accordance with the Stormwater Pollution Prevention Plan (SWPPP) (APM HYD-1).</p>                                                                                                                                                                                                                                                                                                                                                                  | <p>PG&amp;E to implement response procedures for all phases of project construction</p>                                                                                                                                                                                              |        |
| <b>Transportation</b>                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                      |        |
| <b>APM TRA-2</b>                                                                                      | <p><b>PG&amp;E Repair of Damaged Transportation Infrastructure.</b> Restoration of roads and all removed or damaged curbs, gutters, and sidewalks will be done in compliance with the locally issued ministerial permits. Road restoration is based on matching the roadway's existing subbase and surface (asphalt, concrete, or a combination of both). After backfilling a duct bank trench or vault excavation, a road base backfill or slurry concrete cap will be installed and a pavement surface will be laid where the trench or excavation occurred. The edges of the pavement surface will be leveled to match the existing adjacent pavement surface. If the initial pavement surface is cold patch asphalt, then it will act as a temporary layer to return the road to service per</p>                                                                                                                                    | <p>PG&amp;E to implement restoration per locally issued ministerial permits after completion of construction activities</p>                                                                                                                                                          |        |

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|                  | <p>ministerial permit conditions. Temporary cold patch asphalt will be removed before the final road pavement surface is installed. Final pavement surface restoration will use hot mix asphalt, concrete, or a combination of both depending on the ministerial permit conditions. Repaving and striping will be completed sequentially as completed sections of road surface are being restored, and this process will continue until the pavement restoration activity is complete.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                        |        |
| <b>Wildfire</b>  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                        |        |
| <b>APM WFR-2</b> | <p><b>Wildfire Prevention Practices.</b> PG&amp;E will implement the following fire prevention practices at active construction sites and during maintenance activities:</p> <ul style="list-style-type: none"> <li>▪ Existing PG&amp;E personnel conducting maintenance on the Project are trained on the PG&amp;E Utility Standard TD-1464S for Preventing and Mitigating Fires While Performing PG&amp;E Work or relevant current standard and will follow the standard in regard to training, preparation, communication methods and means, observations of and alerts concerning weather conditions including NWS events, and PG&amp;E's work restrictions and fire mitigation required for elevated PG&amp;E Utility FPI ratings (R4, R5, or R5-Plus).</li> <li>▪ Construction personnel will be trained in fire-safe actions, including PG&amp;E's current Utility Standard for Preventing and Mitigating Fires While Performing PG&amp;E Work, Wildfire Prevention Contract Requirements, and the Project's PG&amp;E Construction Fire Prevention Plan concerning initial attack, firefighting, and fire reporting. Construction personnel will be trained and equipped to extinguish small fires to prevent them from growing into more serious threats.</li> <li>▪ Construction personnel will have fire suppression equipment on all construction vehicles per PG&amp;E Utility Standard TD-1464S and will be required to park vehicles away from dry vegetation. Water tanks and/or water trucks will be sited or available at active project sites for fire protection during construction.</li> <li>▪ All construction crews and inspectors will be provided with radio and cellular telephone access that is operational in all work areas and access routes to allow for immediate reporting of fires. All fires will be reported to the fire agencies with jurisdiction in the area upon discovery of the ignition.</li> <li>▪ While performing stationary ground-level jobs or activities from which a spark, fire, or flame may originate (for example, welding, cutting,</li> </ul> | <p>PG&amp;E to implement wildfire prevention training and procedures during maintenance activities</p> |        |

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| MM/APM/FP | Moraga Oakland X 115 Kilovolt Rebuild<br>APM/MM/FP Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Monitoring Requirement | Status |
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|           | <p>grinding), all flammable material (for example, grass, leaf litter, dead or dying tree) must be removed down to the mineral soil around the operation for a minimum of 10 feet.</p> <ul style="list-style-type: none"> <li>▪ PG&amp;E General Requirements for Wildfire Mitigation (R1 to R3) apply for PG&amp;E work areas located farther than 5 miles from an FIA when the nearest FIA has an elevated FPI rating (R4, R5, or R5-Plus), except during NWS Red-Flag Warnings and Fire Weather Watch events when R5 mitigations would apply.</li> <li>▪ For work within an FIA, during Red-Flag Warning and Fire Weather Watch events, as issued by the NWS, and elevated PG&amp;E Utility FPI rating (R4, R5, or R5-Plus), all construction activities will refer to the current PG&amp;E Standard TD-1464S and related requirements such as PG&amp;E Wildfire Prevention Contract Requirements, Attachment 1 – Wildfire Mitigation Matrix, and Attachment 2 – Wildfire Risk Checklist Fire Mitigations. With the increased potential fire risk of R4, additional water resources are required, and a working fire watch is assigned to be able to continue work as long as the weather conditions are evaluated to ensure it remains safe to continue work.</li> </ul> <p>For R5 and R5-Plus ratings, measures beyond R1 to R4 levels include posting a dedicated fire watch at the jobsite, making available a trailer-mounted water tank or alternative water delivery method at the jobsite, and modifying the fuel sources surrounding the jobsite. All planned work is suspended during an R5-Plus fire rating. During all emergency work being performed for an R5-Plus fire rating, personnel must have a PG&amp;E Safety and Infrastructure Protection Team on standby or a 300-gallon water ten-der available. Use of heavy equipment (blades, dozers, skid steers, excavators, back hoes), construction hot work, and electrical equipment work (including tasks related to conductors, pole, and overhead equipment from which a spark, fire, or flames may originate) are allowed with the R5 mitigations in place but not allowed during R5-Plus conditions.</p> |                        |        |