

Appendix B-10. Impacts to Potentially Jurisdictional Wetlands and Other Aquatic Resources for the Overhead Portion of the PG&E Jefferson-Martin Project.

| Resource Type | Nearest Tower | Approximate Milepost | Vegetation Present | | Notes | Project Areas ¹ | | | | Amount Present (Acres) | | Temporary Construction Impacts ² | |
|------------------------------|--|---|--------------------|----------|--|----------------------------|-----------------|-------------|--------------|------------------------------|-------------|---|-------------|
| | | | Wetland | Riparian | | Tower Site | Cable Pull Site | Access Road | Staging Area | Potential Waters of the U.S. | Wetland | Potential Waters of the U.S. | Wetlands |
| Seasonal Wetland (SW) | | | | | | | | | | | | | |
| SW-1 | Jefferson Substation | 0.1 | Yes | Yes | Seasonal wetland (5-12 feet wide) located directly adjacent to east side of Substation | x | | | | None | 0.13 | None | 0.13 |
| SW-2 | Existing Tower 0/5 | 0.5 | Yes | No | Seasonal wetland area is present in discontinuous patches (approximately 25%) in IC-3 | | | | | None | 0.0006 | None | None |
| SW-3 | Existing Tower 0/6 | 0.8 | Yes | Yes | Seasonal wetland swale present between Existing Towers 0/5 and 0/6 (varies between 10-20 feet wide) within IC-4 | | | | | None | 0.026 | None | None |
| SW-4 | Existing Tower 2/13 | 2.0 | Yes | No | Small amount of seasonal wetland vegetation near intersection of Cañada Road and proposed access road to Existing Tower 2/13. May be considered a wetland | | | x | | None | 0.07 | None | None |
| SW-5 | Existing Tower 4/26 | 5.0 | Yes | No | Seasonal wetland (20' x 50') north of Cable Pull site 13 and Existing Tower 4/26 | | | | | None | 0.02 | None | 0.02 |
| SW-6 | Existing Tower 7/46 | 8.1 | Yes | No | Seasonal wetland located to the southwest of Existing Tower 7/46; adjacent to plowed dirt access road | | | | | None | 0.001 | None | None |
| SW-7 | Existing Tower 13/85 | 13.6 | Yes | No | Small (10' x 15') wetland about 200 feet north of Existing Tower 13/85. Wetlands likely not impacted. Flows culverted under road to drain into San Andreas Lake. | | | | | None | 0.003 | None | None |
| SW-8 | Existing Tower 14/98; Sneath Lane Substation | 0.3 miles N of OH departure to transition station | Yes | Yes | Large seasonal wetland present west of Existing Tower 14/98, south of Sneath Substation, and west of access road. | x | | | | None | 0.20 | None | 0.02 |
| Subtotal | | | | | | | | | | None | 0.45 | None | 0.17 |

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|--------------------------------|----------------------|----------------------|--------------------|----------|---|----------------------------|-----------------|-------------|--------------|------------------------------|-----------------------|---|-------------|
| | | | Wetland | Riparian | | Tower Site | Cable Pull Site | Access Road | Staging Area | Potential Waters of the U.S. | Wetland | Potential Waters of the U.S. | Wetlands |
| Freshwater Marsh (FM) | | | | | | | | | | | | | |
| FM - 1 | Existing Tower 12/79 | 12.5 | Yes | Yes | Seasonal wetland with some ponded water located at the curve in the access road in between 12/78 and 12/79 (JM -78-79-80). Source of water likely culverted flows from Hwy 280. | | | | | None | 0.06 | None | None |
| FM - 2 | Existing Tower 12/80 | 12.8 | Yes | Yes | Seasonal wetland located on east side of access road; supports cattail. Culverted flows from Hwy 280. Narrow (1-foot-wide) concrete-lined ditch also present adjacent to (north of) the curve in the access road. | | | | | None | 0.05 | None | None |
| Subtotal | | | | | | | | | | None | 0.11 | None | 0.00 |
| Perennial Creek | | | | | | | | | | | | | |
| San Mateo Creek | Existing Tower 6/37 | 6.9 | Yes | Yes | In the bottom of a large, steep ravine; flow controlled by Crystal Springs Dam; dense riparian vegetation | | | | | 0.03 | 0.005 | None | None |
| Subtotal | | | | | | | | | | 0.03 | 0.005 | None | None |
| Intermittent Creek (IC) | | | | | | | | | | | | | |
| IC - 1 | Jefferson Substation | 0.1 - 0.2 | Yes | Yes | Intermittent drainage (6-10' wide) present to the north of Substation | x | | | | 0.03 | 0.01 | 0.03 | 0.01 |
| IC - 2 | Existing Tower 0/4 | 0.4 | Yes | No | Intermittent drainage (1-2' wide) 400 feet south of Existing Tower 0/4. Limited wetland vegetation. | | | | | 0.003 | 0.001 | None | None |
| IC - 3 | Existing Tower 0/5 | 0.5 | Yes | No | Intermittent 1-foot-wide drainage present approximately 1000 feet north of Existing Tower 0/5 | | | | | 0.002 | See SW - 2 for amount | None | None |
| IC - 4 | Existing Tower 0/6 | 0.6 | Yes | Yes | Large drainage with water in it. Wetland and riparian vegetation (oak and willow). Seasonal wetland is between 10-20' wide. | | | | | 0.01 | See SW - 3 for amount | None | None |
| IC - 5 | Existing Tower 1/11 | 1.7 | No | No | Intermittent drainage 1-2 feet wide; proposed new access road will cross feature | | | x | | 0.004 | None | 0.004 | None |
| IC - 6 | Existing Tower 1/12 | 1.8 | Yes | Yes | Large intermittent drainage in between Existing Towers 1/11 and 1/12; about 75 feet wide flanked by mixed riparian corridor; proposed new access road will cross feature | | | x | | 0.015 | 0.005 | 0.015 | 0.005 |
| IC - 7 | Existing Tower 2/13 | 1.9 | No | No | Drainage about 5-15 feet wide present south of Existing Tower 2/13 | | | | | 0.002 | None | None | None |

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|-----------------|--|---|--------------------|----------|--|----------------------------|-----------------|-------------|--------------|------------------------------|--------------|---|--------------|
| | | | Wetland | Riparian | | Tower Site | Cable Pull Site | Access Road | Staging Area | Potential Waters of the U.S. | Wetland | Potential Waters of the U.S. | Wetlands |
| IC - 8 | Existing Tower 2/13 | 2.0 | No | No | Drainage about 1 foot wide, near intersection of Canada Road and access road to Existing Tower 2/13 | | | | | 0.0005 | None | None | None |
| IC - 9 | Existing Tower 2/16 | 2.6 | No | Yes | Intermittent drainage about 15-20 feet wide (at top of bank); intersects access road between Existing Towers 2/16 and 2/17. Flanked by riparian vegetation | | | x | | 0.01 | none | None | None |
| IC - 10 | Existing Tower 2/18 | 2.8 | No | Yes | Intermittent culverted drainage near Canada Road; about 10 feet wide at bottom, and 20-30 feet wide at top of bank. MWRF present adjacent to drainage. | | | | | 0.02 | None | None | None |
| IC - 11 | Existing Tower 3/20 | 3.4 | Yes | No | Narrow (1-foot-wide) intermittent drainage located between Existing Towers 3/20 and 3/21 (about 250 feet north of Existing Tower 3/20). | | | x | | 0.005 | 0.018 | 0.0046 | 0.018 |
| IC - 12 | Existing Tower 4/23 | 4.0 | Yes | Yes | Intermittent drainage intersects access road to Existing Tower 4/23. Active channel is only about 10 feet wide, but top of bank ranges in width from 50 to 100 feet in width. Flanked by MWRF, with dense blackberry thickets. Historic bridge crosses drainage. | | | x | | 0.02 | 0.002 | None | None |
| IC - 13 | Existing Tower 11/71 | 11.4 | No | No | Intermittent drainage located in between Existing Towers 11/71 and 11/72. 1-2' wide drainage intersects access road | | | x | | 0.01 | None | None | None |
| IC - 14 | Existing Tower 13/85 | 13.6 | Yes | No | Narrow drainage (1-foot-wide) extends from access road into ROW about 200 feet north of Existing Tower 13/85. Drainage might be impacted. Flows culverted under road to drain into San Andreas Lake. | x | | x | | 0.00046 | None | 0.00046 | None |
| IC - 15 | Existing Tower 14/98; Sneath Lane Substation | 0.3 miles N of OH departure to transition station | Yes | Yes | Narrow drainage present (wetland) at south perimeter of Sneath Substation. | | | x | | 0.0017 | 0.0006 | None | None |
| Subtotal | | | | | | | | | | 0.139 | 0.038 | 0.055 | 0.034 |

| Ditch/Swale (D/S) | | | | | | | | | | | | | |
|--------------------------|---------------------|-----|-----|----|--|--|--|---|--|-------|--------|-------|--------|
| D/S - 1 | Existing Tower 0/6 | 0.8 | Yes | No | Swale (1-foot wide) located 400 feet north of Existing tower 0/6. Dominated by facultative vegetation. Might be considered a wetland. | | | | | 0.001 | 0.0003 | None | None |
| D/S - 2 | Existing Tower 3/21 | 3.6 | Yes | No | Narrow (1-foot-wide) intermittent swale located between Existing Towers 3/21 and 3/22; mostly unvegetated | | | | | 0.002 | 0.0005 | 0.002 | 0.0005 |
| D/S - 3 | Existing Tower 4/26 | 5.0 | Yes | No | Narrow, intermittent drainage (about 1-2 feet wide) intersects access road north of Existing Tower 4/26; drains from seasonal wetland | | | x | | 0.003 | 0.0003 | 0.003 | 0.0003 |
| D/S - 4 | Existing Tower 5/27 | 5.2 | Yes | No | Narrow ditch (2 feet wide), is located by Ralston Substation; north of Cable Pull 14. Ditch is dry and is culverted across the access road. Some facultative vegetation. | | | x | | 0.01 | None | 0.01 | None |

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| D/S - 5 | Existing Tower 7/46 | 8.1 | No | No | Narrow (1-foot-wide), dry grassland-dominated swale intersects access road a few hundred feet south of Existing Tower 7/46. Drains to seasonal wetland to the west. | | | x | | 0.003 | None | None | None |
| D/S - 6 | Existing Tower 8/47 | 8.3 | No | No | Culverted, dry, 1-foot-wide swale intersects access road but does not cross it. | | | x | | 0.002 | None | None | None |
| D/S - 7 | Existing Tower 13/84 | 13.4 | No | No | Narrow (1-foot-wide) rock-lined culverted drainage (no wetlands) occurs near Existing Tower 13/84. Culvert extends under access road and outflow pipe is located about 5 feet north of tower base. | x | | x | | 0.00046 | None | None | None |
| Subtotal | | | | | | | | | | 0.02 | 0.0011 | 0.02 | 0.0008 |
| Open Water Habitat (OW) | | | | | | | | | | | | | |
| OW - 1 | Existing Tower 13/83 ₃ | 13.3 | No | No | Tower is adjacent to rocky shore of San Andreas Lake. No shoreline wetlands present | x | | | | 0.0230 | None | 0.0230 | None |
| OW - 2 | Existing Tower 13/84 ₃ | 13.4 | No | No | Tower is adjacent to rocky shore of San Andreas Lake. No shoreline wetlands present | x | | | | 0.0230 | None | 0.0230 | None |
| Subtotal | | | | | | | | | | 0.046 | None | 0.046 | None |
| Non-Jurisdictional Artificial Features (NJ)⁴ | | | | | | | | | | | | | |
| NJ - 1 | Existing Tower 8/48 | 8.4 - 8.5 | No | No | A narrow (1-foot-wide) concrete-lined "V" ditch is located nearby Existing Towers 8/48, and 8/49. | | | | | None | None | None | None |
| NJ - 2 | Existing Tower 9/61 | 9.9 | No | No | Dry, artificially created drainage (1-foot-wide) is located west of the access road adjacent to golf course. Drainage ends about 500 feet south of Existing Tower 9/61. | | | | | None | None | None | None |
| Subtotal | | | | | | | | | | None | None | None | None |
| TOTAL AREA | | | | | | | | | | 0.24 | 0.61 | 0.12 | 0.20 |
| Notes: | | | | | | | | | | | | | |
| ¹ All wetlands and other aquatic resources occur within the transmission right-of-way, unless otherwise indicated in the columns for tower sites, cable pull sites, access roads and staging areas. A mark in any of these columns indicates that the wetland or aquatic feature occurs within the boundaries of that project area. | | | | | | | | | | | | | |
| ² There will be no permanent impacts during construction or operation and maintenance. There will be no temporary impacts during operation and maintenance because there will be no changes to the operations and maintenance activities currently practiced on the existing 60kV power line. | | | | | | | | | | | | | |
| ³ There may be temporary disturbance within the high water line when the existing tower footings are removed. | | | | | | | | | | | | | |
| ⁴ Non-jurisdictional artificial features are not shown on Figure 6-1. | | | | | | | | | | | | | |