

Appendix B-8. Potentially Jurisdictional Wetlands and Other Aquatic Resources of the PG&E Jefferson-Martin 230kV Transmission Project.

Resource Type	Nearest Tower	Approximate Milepost	Vegetation Present		Notes	Project Areas ¹				Amount Present (Acres)	
			Wetland	Riparian		Tower Site	Cable Pull Site	Access Road	Staging Area	Potential Waters of the U.S.	Wetland
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
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
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
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
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
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
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
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
Subtotal										None	0.45
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
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
Subtotal										None	0.11
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
Subtotal										0.03	0.005
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
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
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
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
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
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
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
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
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
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
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
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
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

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			Wetland	Riparian		Tower Site	Cable Pull Site	Access Road	Staging Area	Potential Waters of the U.S.	Wetland
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
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
Subtotal										0.139	0.038
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
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
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
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
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
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
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
Subtotal										0.02	0.0011
Open Water Habitat (OW)											
OW - 1	Existing Tower 13/83	13.3	No	No	Tower is adjacent to rocky shore of San Andreas Lake. No shoreline wetlands present	x				0.0230	None
OW - 2	Existing Tower 13/84	13.4	No	No	Tower is adjacent to rocky shore of San Andreas Lake. No shoreline wetlands present	x				0.0230	None
Subtotal										0.046	None
Non-Jurisdictional Artificial Features (NJ)²											
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
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
Subtotal										None	None
TOTAL AREA										0.24	0.61

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 area. A mark in any of these columns indicates that the wetland or aquatic feature occurs within the boundaries of that project area.

² Non-jurisdictional artificial features are not shown on Figure 6-1.