

**TABLE 4.4-1
PG&E FOSSIL-FUELED POWER PLANT NPDES PERMITS SUMMARY**

Power Plant	Permit Number/ Order Number	Expire Date	Outfall Location Number	Receiving Water	Discharge Type	Allowable Maximum Flow (million gallons/day)	Allowable Maximum Temperatures (°F)
Potrero	CA0005657/ 94-056	5/18/99	001	San Francisco Bay	Cooling water, intake screen wash, boiler blowdown, bioassay lab waste, stormwater runoff	Limited by effluent constituent limits and receiving-water conditions	86 °F (110 °F during demusseling)
			002	San Francisco Bay	Thermal demusseling	See above	86 °F (110 °F during demusseling)
			003-005	San Francisco Bay	Stormwater runoff	Variable	Not applicable
Pittsburg	CA0004880/ 95-225	11/15/20 00	001	Suisun Bay	Once-through cooling	Limited by effluent constituent limits and receiving-water conditions	Discharge to surface water at flood tide shall be no more than 28 °F (14.5 °C) above the natural temperature of the receiving water. The discharge shall not create a zone of more than 1 °F that exceeds 25% of the cross-sectional area of the main river channel. The discharge shall not cause more than 125 acres of surface water to rise greater than 4 °F above the natural temperature of the receiving water.
			001A	Suisun Bay	Intake screen wash	See 001 above	Same as above
			001B	Suisun Bay	Clarifier and filter blowdown, reverse osmosis brine	See 001 above	Same as above
			001C	Suisun Bay	Reverse osmosis brine	See 001 above	Same as above
	001D	Suisun Bay	Boiler blowdown	See 001 above	Same as above		
	CA0004880/ 95-225	11/15/20 00	001E	Suisun Bay	Ion exchange regeneration waste	See 001 above	Same as above
			001F	Suisun Bay	Fire/air preheater washes	See 001 above	Same as above

TABLE 4.4-1 (Continued)
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Pittsburg (cont.)			001F	Suisun Bay	Fire/air preheater washes	See 001 above	Same as above
			001G	Suisun Bay	Stormwater runoff	Variable	Not applicable
			001H	Suisun Bay	Cooling-tower blowdown	See 001 above	Same as 001 above
			001I	Suisun Bay	Chemical cleaning	See 001 above	Same as 001 above
			002	Suisun Bay	Stormwater runoff	Variable	Not applicable
			003	Suisun Bay	Stormwater runoff	Variable	Not applicable
			004	Suisun Bay	Stormwater runoff	Variable	Not applicable
			005	Suisun Bay	Stormwater runoff	Variable	Not applicable
			006	Suisun Bay	Cooling-tower blowdown	See 001 above	Discharge to surface water at flood tide shall be no more than 28 °F (14.5 °C) above the natural temperature of the receiving water.
Contra Costa	CA0004863/ 95-234	10/1/2000	001	San Joaquin River	Reverse osmosis blowdown, intermittent filter boiler blowdown, oil/water separator system, intermittent make-up demineralizer and regeneration waste, once-through cooling water, stormdrain discharge	560	<p>Discharge to surface water shall be no more than 37 °F above the natural temperature of the receiving water at the dock at high flood tide.</p> <p>The discharge shall not create a zone of more than 1 °F above natural receiving waters that exceeds 25% of the cross-sectional area of the main channel.</p> <p>The discharge shall not cause an area of surface water temperature to rise greater than 4 °F above the natural water temperature for an area greater than 125 acres.</p>

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Power Plant	Permit Number/ Order Number	Expire Date	Outfall Location Number	Receiving Water	Discharge Type	Allowable Maximum Flow (million gallons/day)	Allowable Maximum Temperatures (°F)
Contra Costa (cont.)	CA0004863/ 95-234	10/1/200 0	002	San Joaquin River	Low-volume waste, boiler blowdown, intermittent intake screen wash, once-through cooling water, intermittent washwater from chemical cleaning operations, (preheater and fireside)	440	Discharge to surface water shall be no more than 39 °F above the natural temperature of the receiving water the dock at high flood tide. The discharge shall not create a zone of more than 1 °F above natural receiving waters that exceeds 25% of the cross sectional area of the main channel.
			002	San Joaquin River		440	The discharge shall not cause an area of surface water temperature to rise greater than 4 °F above the natural water temperature for an area greater than 125 acres.
			003	San Joaquin River	Intermittent intake screen wash	Not applicable	Not applicable
			004	San Joaquin River	Seasonal storm drainage	Variable	Not applicable
			005	San Joaquin River	Fish pump	Not applicable	Not applicable
			006	San Joaquin River	Stormwater	Variable	Not applicable
			007	San Joaquin River	Stormwater	Variable	Not applicable
			008	San Joaquin River	Stormwater	Variable	Not applicable
			009	San Joaquin River	Stormwater	Variable	Not applicable
			010	San Joaquin River	Stormwater	Variable	Not applicable

NOTES: mgd = million gallons per day.