

Proposed BACT Limits for Mariposa (March 25, 2010)

Pollutant	District Proposed New Mariposa BACT limits	Marsh Landing BACT Limits
Nitrogen Oxides (as NO ₂)	2.5 ppm (1-Hour) @ 15 % O ₂	2.5 ppm (1-Hour) @ 15 % O ₂
Carbon Monoxide	2.0 ppm (3-Hour) @ 15 % O ₂	2.0 ppm (1-Hour) @ 15 % O ₂
Precursor Organic Compounds	2.0 ppm (1-Hour) @ 15 % O ₂	1.0 ppm (1-Hour) @ 15 % O ₂
PM ₁₀	0.0041 lb PM ₁₀ / MMBtu (Please see the Marsh Landing PDOC attached with this e-mail for details)	0.0041 lb PM ₁₀ / MMBtu (Please see the Marsh Landing PDOC attached with this e-mail for details)
SO ₂	1 gr/100 scf Max hourly & 0.25 gr/100 scf Annual Average	1 gr/100 scf Max hourly & 0.25 gr/100 scf Annual Average

Siemens Guaranteed Emissions Limits for Simple-Cycle Turbines
2.5 ppm (1-Hour) @ 15 % O ₂
2.0 ppm (3-Hour) @ 15 % O ₂
2.0 ppm (1-Hour) @ 15 % O ₂
N/A
N/A