

Pollutant	Limit/Control Imposed on Plant by Permit/regulations	Control Technologies currently in use at the plant	Federal Standards Applicable (NAAQS, Other)
PM2.5*	None 20% opacity std applies	Cold ESPs and hot ESPs plant easily meets this std	NAAQS annual mean 15 ug/m3 NAAQS 24 hour 65 ug/m3
PM10	Total Particulates State regs 0.12 lb/Mbtu 20% opacity std applies	Cold and hot ESPs Operating in range 0.03 to 0.05 lbs/Mbtu plant easily meets this std	NAAQS annual mean 50 ug/m3 NAAQS 24 hour Conc. 150 ug/m3
Ozone/NOx*	State RACT regulation NOx limit 0.38 lb/Mbtu State operating permit 1019 tons of NOx for summertime equivalent rate of 0.15 lbs/Mbtu	Mirant is trading/bubble to meet this requirement NOV issued for 2003 Consent Agreement under discussion	NAAQS ozone 1-hour std 120 ppb NAAQS ozone 8-hour std 80 ppb Currently region is in non-attainment with 1 and 8 hour std
NOx*	Acid Rain regulations 0.45 lbs/Mbtu	Currently meeting std operating at 0.41 to 0.42 lbs/mbtu	NAAQS Annual mean 100 ug/m3
SO2*	Acid Rain regulations Mirant issued SO2 allowances	Using low sulfur coal 1% or less and purchasing allowances	NAAQS Annul mean 80 ug/m3 24 hour std 365 ug/m3 3 hour conc. 1300 ug/m3 (secondary std)
CO	none		NAAQS 8-hour std 9 ppm
Mercury	Federal regulations proposed reductions needed by 2010 and 2018	ESPs do provide some mercury reduction Proposed Program allows for trading	No NAAQS
Lead	None		NAAQS quarterly mean 1.5 ug/m3

*In addition to proposed Mercury regulations, federal government has proposed Interstate air quality rule that would significantly reduce NOx and SOx in 2010 and 2015, which also results in PM2.5 reductions as well. Proposed rule is a cap and trade program.