

## Calculation of Ambient Background for Various Pollutants & Averaging Times

Pollutant	Averaging Period	Calculation of Background
SO <sub>2</sub>	1-Hour	The three-year average of the 99 <sup>th</sup> percentile of the annual distribution of daily maximum one-hour average concentrations (4 <sup>th</sup> highest).
	3-Hour	The high 2 <sup>nd</sup> high value over the three-year period.
PM <sub>2.5</sub>	24-Hour	The average of the 98 <sup>th</sup> percentile 24-hour values over three years.
	Annual	The average of the annual mean concentrations over three years.
PM <sub>10</sub>	24-Hour	The high 2 <sup>nd</sup> high value over the three-year period.
NO <sub>2</sub>	1-Hour	The three-year average of the 98 <sup>th</sup> percentile of the annual distribution of daily one-hour concentrations (8 <sup>th</sup> highest).
	Annual	Highest annual value over the three-year period.
CO	1-Hour	The high 2 <sup>nd</sup> high value over the three-year period.
	8-Hour	The high 2 <sup>nd</sup> high value over the three-year period.
Pb	Rolling Three-Month Average	Maximum rolling three-month average evaluated over a three-year period.