

Permitting 101: Stationary Source PSD

Significant Impact Analysis

Dispersion Modeling Results (Maximum ambient impacts)*

Pollutant	Averaging Period	Maximum Modeled Concentration (ug/m3)	Significant Contribution Level (SCL) (ug/m3)	Percent of SCL	Is a Full Impact Analysis Required?	Must Modeling Include Co-Contributing Sources?
PM ₁₀	24-hour	4.92	5.0	98%	No	No
	Annual	0.69	1.0	69%	No	No
SO ₂	3-hour	17.88	25.0	72%	No	No
	24-hour	3.13	5.0	63%	No	No
	Annual	0.21	1.0	21%	No	No
NO _x	Annual	0.91	1.0	91%	No	No
CO	1-hour	308	2,000	15%	No	No
	8-hour	45.2	500	9%	No	No

**Highest modeled value, emissions based on operating for 8,760 hr/yr*

