

Facility-Wide Emissions Phase I (First Phase)
(in tons per year)

Pollutant	Potential Emissions (tpy)
PM/PM ₁₀ /PM _{2.5}	142
NO _x	127
SO ₂	16.4
CO	127
VOC	234
Max. Individual HAP (Formaldehyde)	3.62
Total HAP	16

Facility-Wide Emissions Phase II (Last Phase)
(in tons per year)

Pollutant	Potential Emissions (tpy)
PM/PM ₁₀ /PM _{2.5}	247
NO _x	238
SO ₂	30.7
CO	238
VOC	240
Max. Individual HAP (Formaldehyde)	2.35
Total HAP	12.4

Regulatory Applicability

As discussed previously, the facility proposed the PSD synthetic minor (SM) emission limits for NO_x, CO, VOC, and PM/PM₁₀/PM_{2.5}. The facility also proposed the 10/25 tpy SM (as opposed to Title V major) limits for single and combined HAPs. These emission caps are included in Conditions 2.1 and 2.2.

Since the facility is required to use after-control emission factors to track actual VOC, PM, PM₁₀, and PM_{2.5} emissions, the requirement to operate all control devices while the associated emission units are in operation are included in the permit as part of the PSD avoidance limits. These are included in Conditions 2.3 and 2.4.