



State of Oregon
Department of
Environmental
Quality

State of Oregon Department of Environmental Quality

Significant Emission Rates

Table 2 – OAR 340-200-0020

Pollutant	Emission Rate
Greenhouse Gases (CO ₂ e)	75,000 tons/year
Carbon Monoxide	100 tons/year
Nitrogen Oxides (NO _x)	40 tons/year
Particulate Matter	25 tons/year
PM ₁₀	15 tons/year
Direct PM _{2.5}	10 tons/year
PM _{2.5} precursors (SO ₂ or NO _x)	40 tons/year
Sulfur Dioxide (SO ₂)	40 tons/year
Volatile Organic Compounds (VOC)	40 tons/year
Ozone precursors (VOC or NO _x)	40 tons/year
Lead	0.6 ton/year
Fluorides	3 tons/year
Sulfuric Acid Mist	7 tons/year
Hydrogen Sulfide	10 tons/year
Total Reduced Sulfur (including hydrogen sulfide)	10 tons/year
Reduced sulfur compounds (including hydrogen sulfide)	10 tons/year
Municipal waste combustor organics (measured as total tetra- through octa- chlorinated dibenzo-p-dioxins and dibenzofurans)	0.0000035 ton/year
Municipal waste combustor metals (measured as particulate matter)	15 tons/year
Municipal waste combustor acid gases (measured as sulfur dioxide and hydrogen chloride)	40 tons/year
Municipal solid waste landfill emissions (measured as nonmethane organic compounds)	50 tons/year

 State of Oregon Department of Environmental Quality De Minimis Emission Levels Table 4 – OAR 340-200-0020(33)	
Pollutant	De minimis (tons/year, except as noted)
Greenhouse Gases (CO ₂ e)	2,756
CO	1
NO _x	1
SO ₂	1
VOC	1
PM	1
PM ₁₀ (except Medford AQMA)	1
PM ₁₀ /PM _{2.5} (Medford AQMA)	0.5 [5.0 lbs/day]
Direct PM _{2.5}	1
Lead	0.1
Fluorides	0.3
Sulfuric Acid Mist	0.7
Hydrogen Sulfide	1
Total Reduced Sulfur (including hydrogen sulfide)	1
Reduced Sulfur	1
Municipal waste combustor organics (Dioxin and furans)	0.0000005
Municipal waste combustor metals	1
Municipal waste combustor acid gases	1
Municipal solid waste landfill gases	1
Single HAP	1
Combined HAP (aggregate)	1